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## Fall 2018 Diamond Drilling Report

Shakespeare Twp

By Marshall Hall, P. Geo., B. Sc (Hons)

Date: May 2019

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## Summary

This report outlines drilling designed to follow up borehole geophysics completed earlier in the year (see Magna Mining's Summer 2018 BHEM report). Holes completed in the current program were designed to test EM plates generated from the previous BHEM surveys as well as confirming the geologic model.

From October 24 to December 4, 2018, Magna Mining contracted Jacob and Samuel Drilling to complete a two-phase drilling program. Phase 01 consisted of exploratory drilling while phase 02 focussed on in-fill drilling with the entire program taking ~40 calendar days. Work was carried out on patented lands containing Magna's Shakespeare deposit, located West of the city of Sudbury and North of the city of Espanola.

Geological work was overseen by Marshall Hall (Magna Mining), Phillipe Trudel (Magna Mining), and Jacob Bellrose (contractor; Orix Geoscience) while geotechnical work was completed by Don Lamothe and Lucas Assiniwae of Z'agamock (Sagamok First Nation). This work was completed concurrently with the drilling program, starting October 4, 2018 and continuing after drilling (~50 calendar days) through to December 18, 2018. All work on the property was completed in NAD 83 Zone 17 T.

The program consisted of a total of 13 holes totalling 3,732m with 1,483 samples collected and submitted (including QAQC) for assay. Samples were dropped off at the SGS facility in Sudbury for crushing and splitting and were then sent to SGS's BC facility for analysis.

# 1 PROPERTY DESCRIPTION AND LOCATION

## 1.1 Property Access

The Property is located in Shakespeare Township, immediately north and east of Agnew Lake. The Property is approximately 70 km west-southwest of Sudbury, Ontario (Figure 1). The closest towns are Webbwood, which is 9 km southwest of the property, and Espanola, which is 11 km southeast. The Property is situated on N.T.S. 411/5 near Latitude 46°21'00"N and Longitude 81°49'47"W.

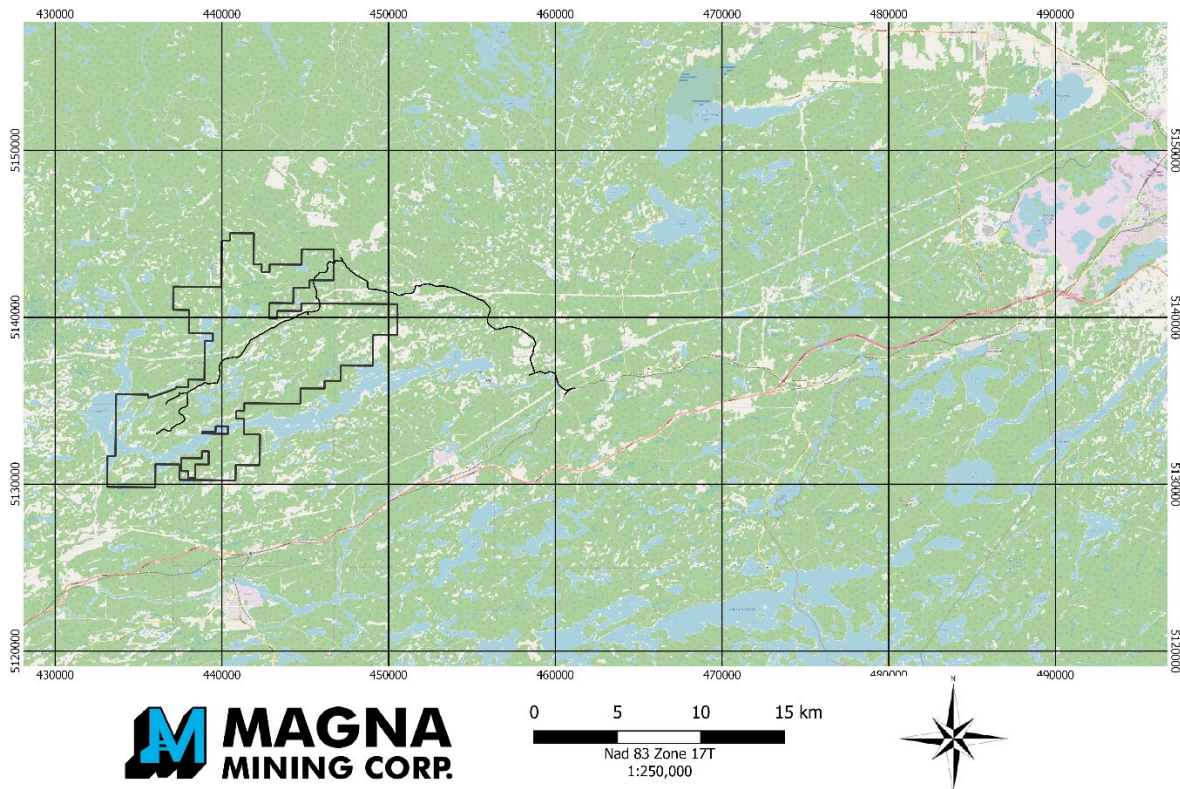


Figure 1: Location of the Shakespeare property in relation to Sudbury and Espanola (scaled to fit report)

## 1.2 Climate

Climate is typical of temperate continental conditions with moderately long, cold winters and shorter, warm summers. Winter temperatures may drop below minus 20° C for extended periods and, in summer, maximum daily temperatures may exceed 25° C for extended periods. From December through March, daily mean temperatures typically are below 0° C. Precipitation is moderate. The wettest months are between May and October but rainfall is generally distributed evenly through the year. Estimated average annual precipitation is 899 mm with 657 mm falling as rain and the balance (242 mm water equivalent) as snow.

## 1.3 Physiography

The topography on the property is rugged with abrupt ridges and valleys. The elevation of land above sea level ranges from approximately 260 meters (852 ft +/-) (level of Agnew Lake) to a maximum of 330 meter (1082 ft +/-), on top of some of the highest quartzite hills in the area (averaging about 300 m above sea level). The average topographic relief is about 90 m and bedrock outcrops are common. Much of the

general area is covered by timber resources which consist of second growth birch, poplar, oak, maple, jack pine and spruce.

The principal drainage channel is the Spanish River. The Spanish River and its tributaries drain the major part of the property. Part of the river near the property has been dammed for hydroelectric power generation and has resulted in the creation of Agnew Lake. Numerous private cottages and several commercial tourist operators are located on Agnew Lake.

### 1.4 Property Description

The Shakespeare Property is large and contiguous consisting of 486 cell claims, 3 leases, and 21 patents that cover a total area of 11,733 ha. Magna currently has a 100% interest in the Property, and an 81% joint venture interest with Glencore on certain claims, leases and patents. The main property is broken into 5 options Shakespeare Proper, Porter Option, Milton/Baldwin Option, Dunlop-Shakespeare Option, and Stumpy Bay Option (Figure 2).

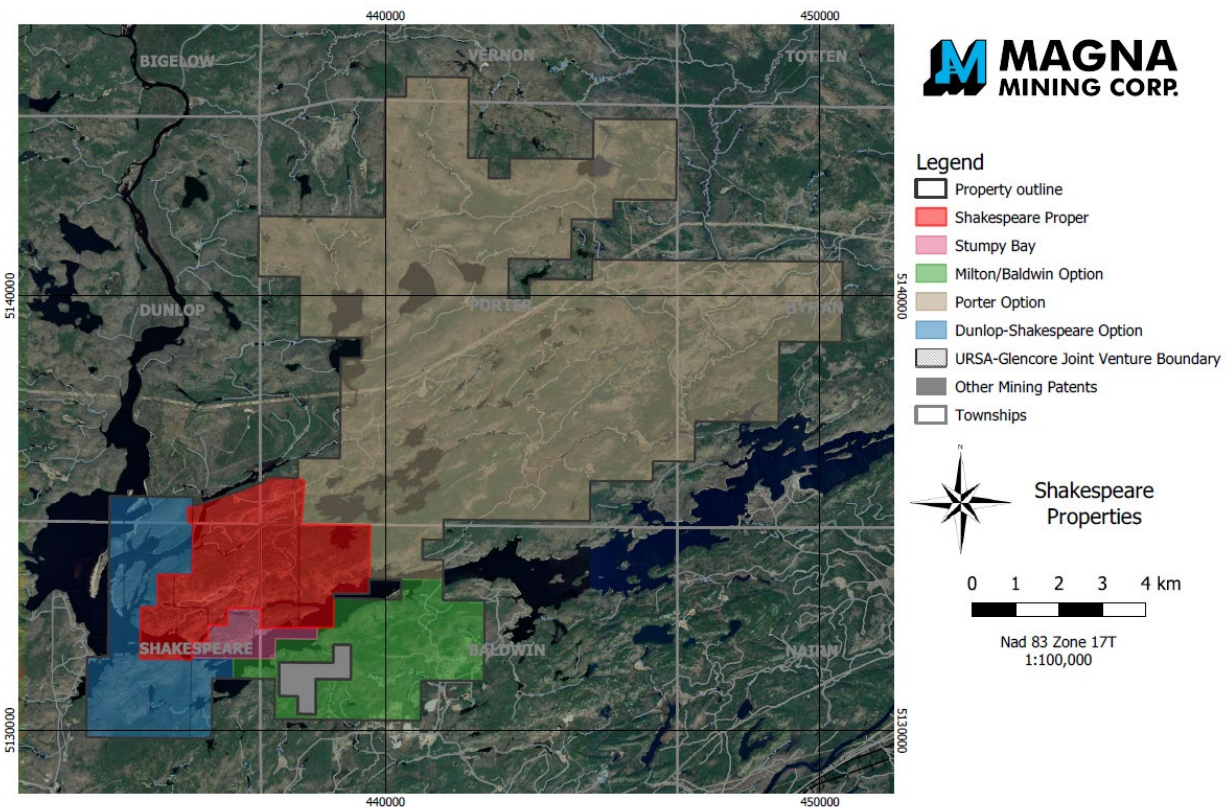


Figure 2: Overview of Shakespeare Property Options. Scaled to fit report see appendix for full image










The work completed in this report was conducted entirely on the lands comprising Shakespeare Proper. It consists entirely of leased and patented lands (3 and 21 respectively) for a combined size of 1,296 ha. Portions of the patents and leases are affected by joint ventures with Glencore as outlined in figure 3 and table 1.

440000

450000



### Legend

-  Property outline
-  Shakespeare Proper
-  Stumpy Bay
-  Milton/Baldwin Option
-  Porter Option
-  Dunlop-Shakespeare Option
-  URSA-Glencore Joint Venture Boundary
-  Other Mining Patents
-  Townships



Shakespeare Properties

0 1 2 3 4 km



Nad 83 Zone 17T  
1:100,000

5140000

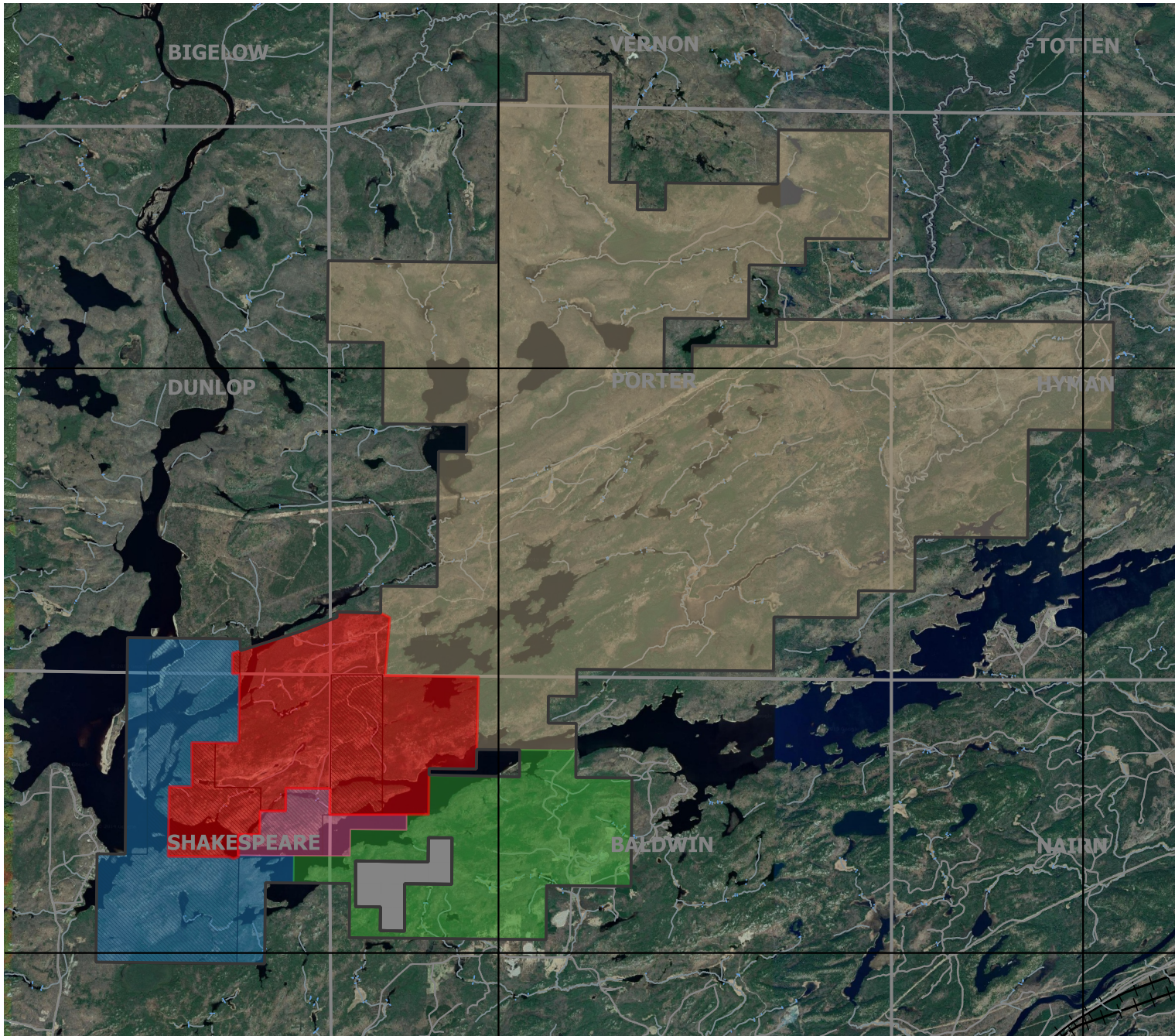
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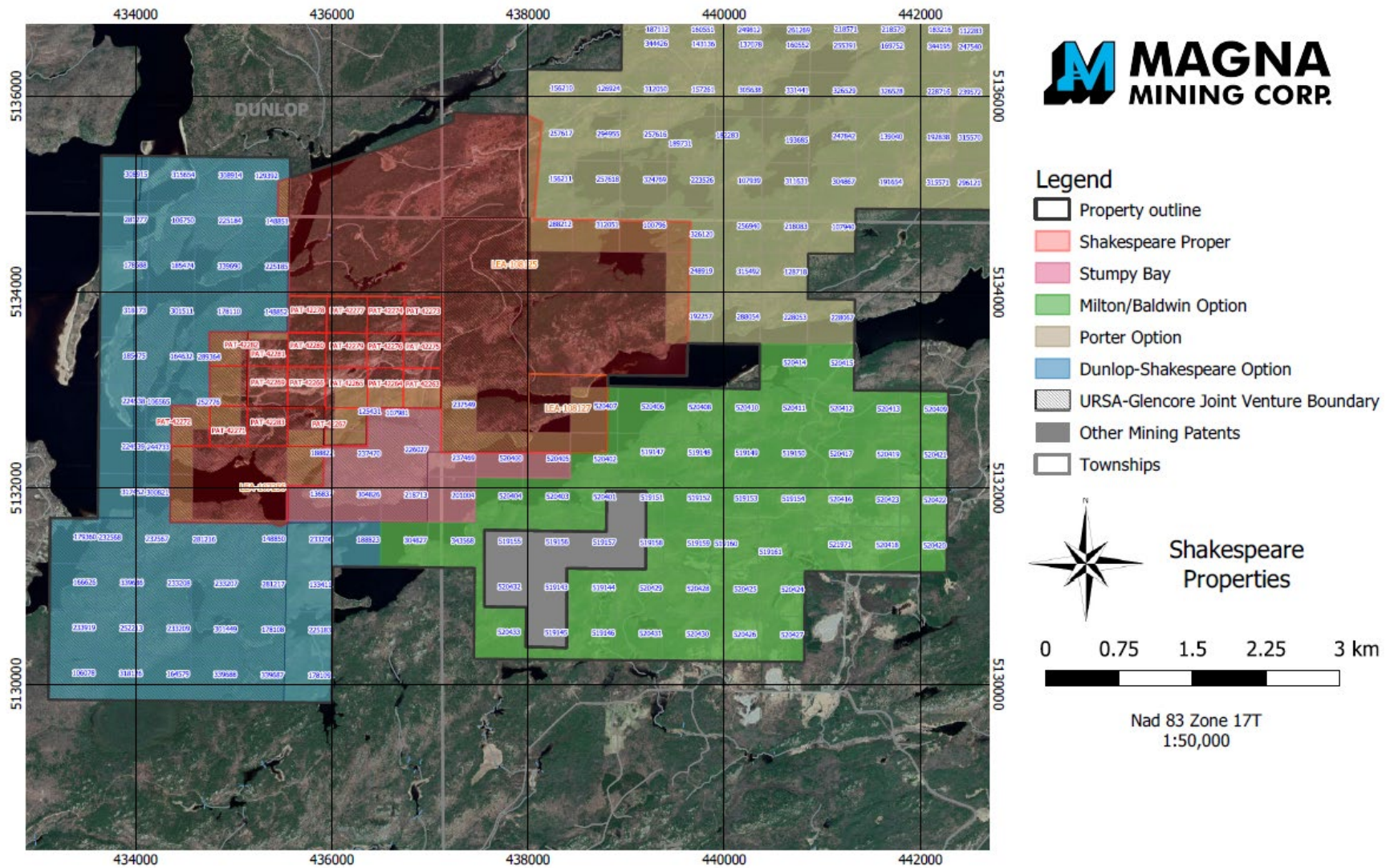
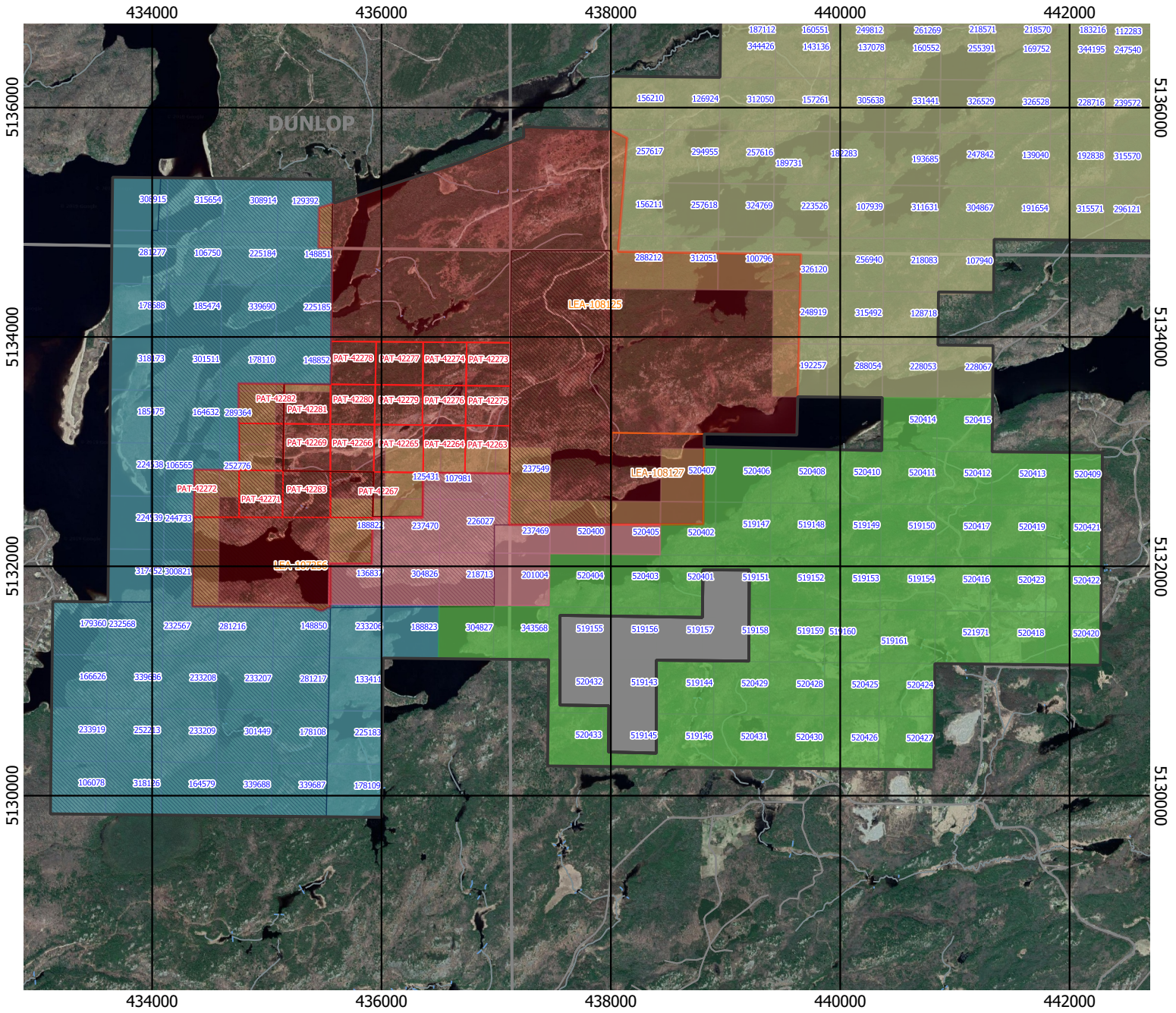
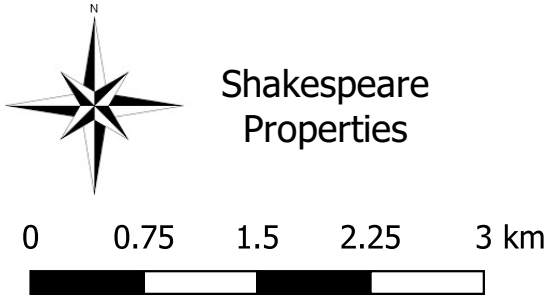


Figure 3: Patent and lease breakdown of the Shakespeare Property, showing location of adjacent mining claims. Scaled to fit report-see appendix for full map



- Legend**
- Property outline
  - Shakespeare Proper
  - Stumpy Bay
  - Milton/Baldwin Option
  - Porter Option
  - Dunlop-Shakespeare Option
  - URSA-Glencore Joint Venture Boundary
  - Other Mining Patents
  - Townships



Nad 83 Zone 17T  
1:50,000

Table 1: Summary of Shakespeare Mining Patents and Leases

CLAIMS G_NUMBER	OWNER	%	MLAS TENURE	MLAS STATUS	MLAS RESERVE BALANCE	Other Holder
70100121	URSA MAJOR MINERALS INCORPORATED	100	LEA-108127	A	\$ 6,134.00	
70100020	URSA MAJOR MINERALS INCORPORATED	100	LEA-108125	A	\$ 58,685.00	
7070072	URSA MAJOR MINERALS INCORPORATED	81	PAT-42263	A	\$ 2,607.00	GLENCORE CANADA CORPORATION
7070022	URSA MAJOR MINERALS INCORPORATED	81	PAT-42264	A	\$ 78.00	GLENCORE CANADA CORPORATION
7070018	URSA MAJOR MINERALS INCORPORATED	81	PAT-42265	A	\$ 208,898.00	GLENCORE CANADA CORPORATION
7070019	URSA MAJOR MINERALS INCORPORATED	81	PAT-42266	A	\$ 157,774.00	GLENCORE CANADA CORPORATION
7070016	URSA MAJOR MINERALS INCORPORATED	81	PAT-42267	A	\$ 3,471.00	GLENCORE CANADA CORPORATION
7070020	URSA MAJOR MINERALS INCORPORATED	81	PAT-42268	A	\$ 3,852.00	GLENCORE CANADA CORPORATION
7070023	URSA MAJOR MINERALS INCORPORATED	81	PAT-42269	A	\$ 3,218.00	GLENCORE CANADA CORPORATION
7070076	URSA MAJOR MINERALS INCORPORATED	81	PAT-42273	A	\$ 239,145.00	GLENCORE CANADA CORPORATION
7070077	URSA MAJOR MINERALS INCORPORATED	81	PAT-42274	A	\$ 401,124.00	GLENCORE CANADA CORPORATION
7070082	URSA MAJOR MINERALS INCORPORATED	81	PAT-42275	A	\$ 4,934.00	GLENCORE CANADA CORPORATION
7070021	URSA MAJOR MINERALS INCORPORATED	81	PAT-42276	A	\$ 1,068,592.00	GLENCORE CANADA CORPORATION
7070078	URSA MAJOR MINERALS INCORPORATED	81	PAT-42277	A	\$ 26,433.00	GLENCORE CANADA CORPORATION
7070079	URSA MAJOR MINERALS INCORPORATED	81	PAT-42278	A	\$ 439.00	GLENCORE CANADA CORPORATION
7070017	URSA MAJOR MINERALS INCORPORATED	81	PAT-42279	A	\$ 2,721.00	GLENCORE CANADA CORPORATION
7070080	URSA MAJOR MINERALS INCORPORATED	81	PAT-42280	A	\$ 48.00	GLENCORE CANADA CORPORATION
7070024	URSA MAJOR MINERALS INCORPORATED	81	PAT-42281	A	\$ 220.00	GLENCORE CANADA CORPORATION
7070071	URSA MAJOR MINERALS INCORPORATED	81	PAT-42283	A	\$ 5,282.00	GLENCORE CANADA CORPORATION
					\$ 2,193,655.00	

## 2. Work History

Most of the following work history is taken from Technical Report title “Updated Mineral Resource Estimate for the Shakespeare Ni-Cu-PGE Sulphide Deposit, Shakespeare Project, Ontario, Canada” by Allan Armitage of SGS, and references therein.

### 2.1 Exploration

In 1941, Frobisher Exploration staked the property and over the next several years carried out a plane table survey, geological mapping and diamond drilling in the area of the west zone. Drill holes completed in 1942 included twelve short holes totaling 819 m on the Shakespeare deposit. These holes ranged in length from 12 to 136 m. Drill holes completed in 1948 included three holes totaling 1,360 m. These holes, number 13, 14 and 15 were drilled to depths of 320, 568 and 472 m, respectively.

In 1947, Falconbridge Nickel Mines Limited (“Falconbridge”) (now Glencore) acquired the claims from Frobisher Exploration, and commenced a program designed to more thoroughly explore and to provide more detailed information with respect to the Shakespeare West mineral deposit, including the possibility of enrichment with depth.

Drilling in 1951 included twelve short holes, numbered 16 to 27, totaling 1,892 m. The length of the holes range from 91 to 192 m and were designed for the purpose of checking the width and grade of mineralization to a 152 m depth.

In 1985, sixteen holes totaling 1,030 m were drilled. These holes were drilled to test the near-surface resource and to evaluate the precious metal (Au, Pt and Pd) potential of the zone. Holes from the program were designed to provide coverage on 30.5 m (100-foot) centres across the Shakespeare deposit at depths less than 30.5 m from surface.

In 1986, four holes totaling 1,617 m were drilled to test the deposit at depth and along strike to the southwest. Two of the holes were drilled on 2900W, one on 2300W and the other on 1800 W. All of the holes were drilled to total depths of 355 to 457 m and designed to test the deposit at a depth below surface of approximately 152 m.

Results of the historic diamond drill data indicated a continuous zone of sulphide and precious metal mineralization extending over a total strike length of 549 m to a depth of approximately 76 m with very few holes testing below the 250-foot (76 m) level. This is now part of the west mineral zone at Shakespeare. The Centre of the zone is usually close to the baseline or slightly north of this and the dip variable, from shallow to steep north.

Possible explanations for the variability in dip are faulting or that the overall shape of the zone is arcuate with a slight curve to the north. If the zone is in fact arcuate in shape, then it is possible that the variations in dip observed on sections are simply a function of where the various drill holes intersected this.

The width of most intersections ranges between 23 and 38 m (75 and 125 feet), with the longest intersection of 79.6 m (261.8 feet) being recorded in ‘hole 1 and the shortest of 0.9 m being in hole 85-4. The range of grades intersected for nickel was 0.09% to 0.49%, copper 0.09 to 0.61%, gold 0.11 to 0.30g/t, platinum 0.15 to 0.57g/t, and palladium 0.17 to 0.57g/t.

Ultimately Falconbridge concluded in 1986 that the project could not sufficiently meet the various economic parameters required to move the project forward. At that time the Shakespeare West mineral

deposit / advance prospect was sufficiently remote enough and difficult to reach, effectively discouraging any further efforts. It is important to highlight that this conclusion was made prior to the construction of logging roads and a haulage access road into the property and the discovery of the larger east mineral zone in 2002-2003.

No further work was performed on the Shakespeare property until 2000, when it was acquired by URSA Major, through a “Joint Venture” agreement with Falconbridge. Early work carried out by URSA Major in 2000 and 2001 had involved digital compilation, geological mapping, sampling, and some limited geophysical surveys. From 2002 through to the 2012 an extensive amount of diamond drilling was conducted on the Shakespeare property. In June of 2003 the company discovered the Shakespeare East mineral deposit. From there on, the company carried out an extensive amount of exploration work which included additional ground and bore hole geophysics, surface trenching, geotechnical mapping probing, feasibility and base line environmental studies, public consultations and successful permitting. URSA Major carried out diamond drilling programs on the deposit from 2002-2006 and from 2010-2012.

## 2.2 Production

In 2006 Ursa Major announced an agreement with Xstrata Nickel providing for the milling of 50,000 tonne bulk sample. Trucking for this bulk sample was completed in October 2007. Then in 2008 Ursa Major processed just over 83,000 tonnes at Xstrata’s Strathcona mill, with a temporary shutdown in the third quarter due to low commodity pricing. Come April of 2010 the Shakespeare deposit again reached pre-production which transitioned into commercial production in May of 2010. The deposit remained in production until January 2012 when low commodity prices and an expired milling agreement forced the project to shutdown.

# 3 Geology

## 3.1 Regional Geology

The Dunlop-Shakespeare-Baldwin-Porter Township area is located along the southern margin of the Superior Province of the Canadian Shield and has had a prolonged evolutionary history involving the interaction between three structural provinces including the Superior, Southern and Grenville.

The bedrock underlying the area is dominated by rocks of Precambrian age, including Early Precambrian (Archean) felsic plutonic rocks of the Superior Province and by Middle Precambrian (Proterozoic) supracrustal rocks of the Huronian Supergroup of the Southern Province. These rocks have been cut by mafic intrusions of several ages including the East Bull Lake Suite, Nipissing Suite and Sudbury Breccia which is part of the Sudbury Igneous Complex.

The rocks of the Southern Province unconformably overly the Archean basement rocks. The Southern Province forms a discontinuous belt extending 750 miles (1,200 km) west from Quebec to central Minnesota along the southern margin of the Superior Province. The western portion of the Southern Province comprises a passive margin supracrustal sequence of the Marquette Range Supergroup, whereas in central Ontario the Southern Province is defined by the distribution of the Huronian Supergroup succession which is part of a basin forming rift margin. The Huronian Supergroup consists of a thick sequence (12,000 m) of clastic metasedimentary rocks. The Huronian rocks include sandstone, conglomerate, siltstone and greywacke, which were derived from the Archean granitoid terrains to the north.

Mafic to intermediate metavolcanics, including flows and pyroclastic rocks are intercalated with the metasedimentary units in the basal part of the Huronian Supergroup succession.

The East Bull Lake Suite is part of a major magmatic episode that occurred at 2480 – 2470 Ma in Central Ontario contemporaneous with rifting of the Archean Superior Province Protocontinent and the formation of the Huronian Rift Zone, now represented by the Southern Province. The intrusions typically occur near the boundary between the Archean Superior Province and the Early Proterozoic Southern Province, and 14 generally appear to have been emplaced as large sills. Magmatism is also manifested in the form of mafic dykes, and as bimodal continental flood basalt sequences (Huronian Volcanics). The most prominent intrusions of the East Bull Lake suite surrounding the project include the: East Bull Lake, Agnew, and May Township Intrusions. The Nipissing Suite was emplaced at roughly 2.2 Ma and forms a trend extending from Sault St. Marie through the Sudbury Region to the Cobalt and Gowganda Regions (Card 1976).

The intrusions are located predominantly within the Huronian Supergroup, but are also localized along the Archean- Proterozoic unconformity. The intrusions primarily consist of gabbros with lesser diabase and granophyre, which range in thickness from a few hundred meters to over a thousand meters and typically outcrop at the present erosional levels as open ring structures, ring dikes, cone sheets, dykes and undulatory sills (Hriskevich, 1952, 1968). The Nipissing Intrusions have traditionally been described as undulatory sheets consisting of a series of basins and arches connected by limbs (Hriskevitch, 1968). The basinal portions of the sills consist of quartz diabase overlain by Hypersthene gabbro, and are overlain by vari-textured gabbro with pegmatoidal patches. The arches consist of vari-textured gabbro overlain by quartz diorite, granodiorite, granophyre and aplitic granitoids.

The west limit of the Sudbury Igneous Complex is centered close to Sudbury and was emplaced at approximately 1.85 Ma. The Sudbury Igneous Complex occurs along the contact between the Superior and the Southern Province and consists of a thick composite mafic- felsic intrusion forming an elliptical ring having a major east-northeast trending axis that is 60 kilometres in length and a minor axis of 27 kilometres.

The present outcrop distribution of the Huronian Supergroup does not reflect the size and shape of the original depositional system, but has rather been determined by syn- and post-Huronian folding, faulting and erosion. The most prominent faulting is syndepositional normal faulting along the east-northeast trending Murray Fault system which is considered to have controlled the accumulation and preservation of most of the Huronian Supergroup in Central Ontario.” Uranium-lead (U-Pb) age determinations on zircon from the gabbroic rocks hosting the Shakespeare deposit confirm that the host rocks of the Shakespeare deposit belong to the Nipissing Suite (Sutcliffe et al. 2002).

### 3.2 Property Geology

The area surrounding the Shakespeare property is predominantly underlain by units of the Huronian-aged Mississagi quartzite and gabbroic intrusions, which trend approximately north northeast and dip moderate to steeply north. In particular, the Mississagi quartzites dominate the north and south limit of the land package and are typically whitish, medium grained and uniform, with cross-bedding features providing way-up indicators.

The Shakespeare intrusion is a differentiated gabbroic intrusive sill that occurs predominantly in the south to central portion of the Shakespeare property and is between 300-500m wide, extending over a 14 km strike length. In cross-section, the intrusion has an arcuate profile in which the dip shallows with depth, from ~80° to 40° to the North (Figure 7-2). The gabbroic intrusives have been interpreted by the Ontario Geological Survey (OGS) (Card, 1976) as Nipissing Diabase, but others suggest that some may be part of the Agnew Intrusion, (Vogel, 1996) or even the Sudbury Igneous Complex. Subsequent radiometric dating has constrained the intrusion age to ~2217 Ma, 400 million years prior to the creation of the Sudbury Igneous Complex (Sutcliffe et al. 2002).

The intrusive sill is mainly dark-grey, fine grained and predominantly consists of gabbro. According to Sproule (et al. 2007), the intrusion can be subdivided into; 1) the Lower Group composed of unmineralized pyroxenite and gabbro and; 2) an Upper Group composed of mineralized melagabbro, quartz gabbro, and biotite quartz gabbro-diorite. The base of the Upper Group is the primary host for the sulphide mineralization in the Shakespeare complex (Figure 7-1). The presence of a chilled margin between the Upper and Lower Groups suggests that the Lower Group was partly crystallized as a second pulse of sulfur-saturated magma, (i.e., the Upper Group) entered the sill complex. Mineralized melagabbro dykes are also recorded intruding into the lower unmineralized gabbro/pyroxenite package of the Lower Group. This may represent feeder dykes to the overlying Upper Group or small injections of Upper Group material, cutting downward into the underlying Lower Group (Sproule et al. 2007; Dastil 2014). The entire intrusion has subsequently undergone greenschist facies metamorphism, likely associated with the regional Penokean orogeny (1900-1850 Ma) (Dastil 2014).

The north and south limits of the intrusion are bounded by the Mississagi quartzite. Inclusions, or entrained blocks of quartzite also occur locally within the overall limits of the intrusion, varying from near-zero to up to 30 vol.%. The contacts between the gabbro and the quartzites is locally sheared and altered. In places, the lower contact of the Shakespeare intrusion forms a visibly sharp, chilled contact with the adjacent rocks, while at several locations the contact appears evident as an irregular 5 to 15-meter-wide zone of admixture comprising melagabbro rocks and the underlying Nipissing Suite of gabbroic rocks. In some historic literature, this unit is referred to as the lower contact footwall zone.

The upper contact between the Shakespeare intrusion and the Mississauga quartzite is marked by ~5-10m wide, sharply defined rheomorphic breccia comprising a dark grey, aphanitic, fine grained matrix with sheared, elongate and partially melted blocks of quartzite. Although the breccia shares similarities with the 1850 Ma Sudbury breccia observed in target rocks surrounding the Sudbury impact structure (situated east of the Shakespeare intrusion), the high matrix to clast ratio and the elongated, contorted shape of some of the quartzite blocks is distinct from the Sudbury breccia. Instead, the rheomorphic breccia may represent a late injection of clast-laden diabase material into a shear zone active during the waning phases of the emplacement of the Shakespeare intrusion (Figure 7-1). Shear zones provide favorable conduits into which mafic intrusions can be injected. Furthermore, vein hosted and disseminated Cu-Co mineralization in a shear zone at Stumpy Bay (~1km South of the Shakespeare intrusion) may represent the hydrothermal remobilization of metals from the Shakespeare intrusion into proximal, still-active shear zones. Quartz-chalcopyrite veins are also observed adjacent to the rheomorphic breccia in the north side of the west pit. There are three main faults recorded in the vicinity of the Shakespeare intrusion, all of which appear to be splays of the Hunter Lake Fault (Figure 7-1). The strike of the faults is generally northeast-southwest and dip steeply. Several more northerly trending cross faults have also been identified.

Another major structure in the vicinity of the Shakespeare intrusion is the Porter Syncline. The main axis of the syncline is located north of the Shakespeare property and trends in a north-easterly direction. All rocks within the area including the mafic intrusions appear to have been folded into a series of tight to moderately open, upright, complex folds with axes trending roughly parallel to the above syncline. Mapping at the Shakespeare property, suggests that there may also be a major northeast trending anticline located on the Stumpy Bay joint venture lands to the south of the Shakespeare deposit, which trends parallel to the Porter syncline. The axis of the projected fold is just south of the Shakespeare deposit and the central part of the fold is defined by a prominent quartzite lens.

### 3.3 Deposit Geology and Mineralization

The Shakespeare intrusion hosts semi-massive to disseminated sulfides (Sproule et al. 2007). Sulfides, including pyrrhotite, chalcopyrite, and lesser pyrite, are present throughout the intrusion in varying proportions, mostly in trace amounts. Significant accumulations are present as:

- Disseminated pyrrhotite and chalcopyrite blebs at the melagabbro/gabbro contact, usually ~1 mm in size, typically comprising <1% of the rock
- Heavily disseminated to patchy net-textured (10-15%) pyrrhotite, chalcopyrite, pentlandite, and gersdorffite in rounded blebs that reach up to 2-5 cm in size, in the upper zone of the melagabbro
- Blebby pyrrhotite and chalcopyrite in the lower sections of the melagabbro and the base of the quartz gabbro.

The sulfides have experienced variable degrees of recrystallization during metamorphism. They vary from pristine magmatic blebs, to recrystallized blebs, to stringers, the latter of which tend to be richer in chalcopyrite.

Where the mineralization is proximal to shear zones that cross-cut the deposit (Figure 7-2), the sulphides can be sheared and attenuated. These sheared sulphides, together with the patchy-network textured mineralization, create an interconnectivity in the sulphides that allows portions of the deposit to be identified by remote electromagnetic (EM) geophysics surveys, a valuable tool in exploring for extensions to the deposit. The mineralized zones also contain abundant inclusions of quartzite, blue quartz eyes, and rare diorite. The ores have compositions consistent with having been derived from the Shakespeare magma and to have equilibrated at moderate magma:sulphide ratios (500-1000).

The total strike length of Shakespeare mineralization is approximately 1,700 m and extends to a depth of ~550m. The deposit is subdivided into a West and East resource zone.

- The west zone appears to plunge to the west at ~15° and is of a slightly lower grade than the East zone. It is currently defined to a depth of ~120m and abruptly terminates at its western-most edge, possibly due to offsetting by faults. Deeper exploratory holes by URSA Major identified two lenses of mineralization down to ~210m depth. Although more work is required to better define these lenses, they may represent a fault-displaced down-dip extension of the east zone mineralization.
- The east zone plunges ~30° to ~40° east from surface and generally has higher grade mineralization, particularly nearer surface. The mineralized zones currently extends over ~1km and plunges from surface to a depth of ~ 550m. It remains open to the west and the up-dip and down-dip extensions have not been tested by drilling, leaving considerable opportunity to expand the resource.



## 4 2018 Exploration

### 4.2 Diamond Drilling

Between October 24 and December 4 of 2018, Jacob and Samuel Drilling was contracted to drill 13 holes totalling 3,732m on PAT-42265, PAT-42273, PAT-42274, PAT-42275, PAT-42276, and PAT-42279. Drilling was completed in approximately 40 days. All holes were located within the proximity of the Shakespeare deposit and can be seen in Figure 5. All holes were capped and left in place.

Drilling was completed in two phases with the first being 9 exploratory holes around the known resource and the second as 4 in-fill holes within the Shakespeare deposit (Table 3). Holes drilled in phase 01 were designed to test the EM plates that arose from the BHEM surveys completed earlier in the year, while the in-fill holes were designed the deposits continuity in areas to be mined early should a production decision be reached.

A total of 1,483 samples were collected (including QAQC) and submitted for assay. Samples were dropped off at the SGS facility in Sudbury for crushing and splitting and were then sent to SGS's BC facility for analysis.

Geological work was overseen by Marshall Hall (Magna Mining), Phillipe Trudel (Magna Mining), and Jacob Bellrose (contractor; Orix Geoscience) while geotechnical work was completed by Don Lamothe and Lucas Assiniwae of Z'agamock (Sagamok First Nation). This work was completed concurrently with the drilling program, starting October 4, 2018 and continuing after drilling (~50 calendar days) through to December 18, 2018.

Everyone working on the project lived within driving distance of the property therefore no food and lodging expenditures were incurred.

All work on the property was completed in NAD 83 Zone 17 T.

*Table 2: Summary of drilling completed in 2018 (UTM is NAD83 Zone 17T). Includes collar information and overview of samples.*

Hole number	Easting (83)	Northing (83)	Claim	Elevation	Strike	Dip	Depth	Purpose	Samples	Certificates
MMC-18-01	436856	5133960	PAT-42273	354	157	-64	401	Exploration	75	SD180097
MMC-18-02	436167.5	5133598	PAT-42279	358.72	120	-45	302	Exploration	92	SD180098-99
MMC-18-03	436506	5133889	PAT-42274	363	145	-66	432.02	Exploration	65	SD180110
MMC-18-04	436167.5	5133598	PAT-42279	359	140	-50	281.07	Exploration	88	SD180102
MMC-18-05	436167	5133598	PAT-42279	358	142	-60	282.01	Exploration	83	SD180105-06
MMC-18-06	436167	5133598	PAT-42279	358	160	-60	281	Exploration	70	SD180112
MMC-18-07	436388	5133805	PAT-42274	377.55	156	-65	425	Exploration	155	SD180123
MMC-18-08	436399.7	5133589	PAT-42276	326.64	158	-60	152.04	Infill	129	SD180127-28
MMC-18-09	436454	5133840	PAT-42274	370	150	-60	400.26	Exploration	141	SD180130-32
MMC-18-10	436399.7	5133589	PAT-42276	326.64	160	-60	176	Infill	151	SD180124-26
MMC-18-11	436494	5133649	PAT-42276	323	140	-65	225.21	Infill	190	SD180133-36
MMC-18-12	436494	5133649	PAT-42276	323	140	-45	200	Infill	190	SD180138-41
MMC-18-13	436294	5133521	PAT-42279	323	130	-45	175	Exploration	54	SD180137

### 4.3 Results

All exploration holes with the exception of MMC-18-01 intersected blebby to disseminated sulfides at target depth. Mineralized intervals vary from a few meters to over 10 meters in length with composite values shown in Table 4. This confirms the use of generating EM plates through geophysical methods as an exploration tool for this style of mineralization.

The reader is directed to the appendices for plan maps, cross-sections (Appendix B & C), drill logs (Appendix D), and assay certificates (Appendix E).

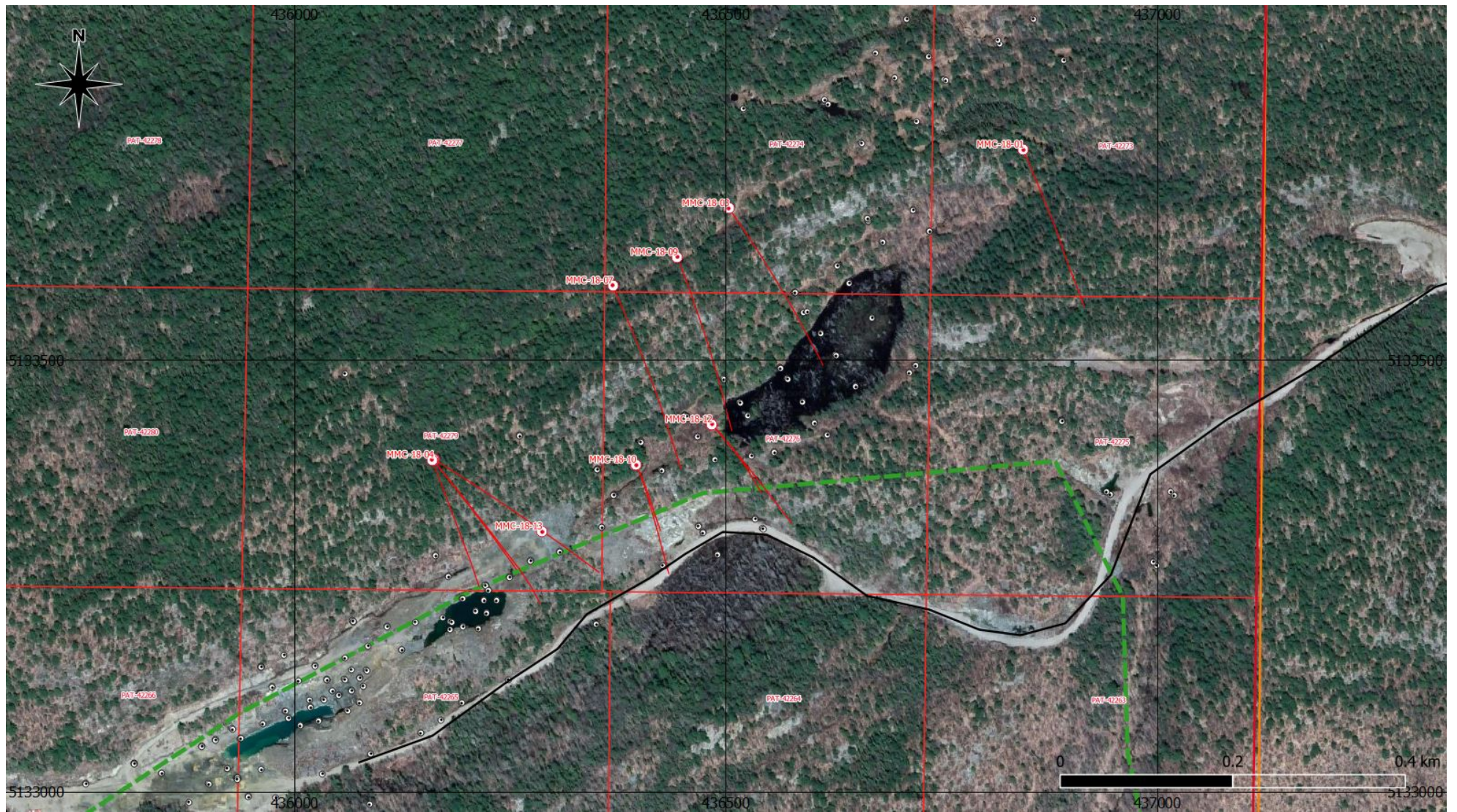


Figure 4: 2018 Drilling collar locations and drill traces. NAD 83 Zone 17 T

Table 3: Summary of mineralized intersections encountered in the fall 2018 drilling campaign

Hole No.	From	To	Length	NiEQ	Ni%	Cu%	Co%	TPMgpt	Au_ppm	Pt_ppm	Pd_ppm
MMC-18-01	No economic mineralization encountered										
MMC-18-02	223.5	249.9	18.04	0.36	0.22	0.17	0.02	0.47	0.09	0.20	0.17
MMC-18-03	359.68	371.81	12.13	0.63	0.34	0.37	0.03	0.89	0.21	0.33	0.35
MMC-18-04	194.52	205.33	10.81	0.53	0.34	0.28	0.02	0.59	0.11	0.24	0.24
MMC-18-05	240.62	257.6	16.98	0.41	0.24	0.21	0.02	0.46	0.08	0.20	0.19
MMC-18-06	247	260.81	13.81	0.27	0.18	0.08	0.02	0.31	0.04	0.14	0.14
MMC-18-07	347.09	353.29	6.2	0.26	0.18	0.07	0.02	0.27	0.06	0.13	0.09
	382.51	383.73	1.22	0.42	0.34	0.12	0.03	0.09	0.01	0.06	0.03
MMC-18-08	93.8	139.5	45.7	0.71	0.40	0.43	0.03	1.05	0.23	0.39	0.43
MMC-18-09	324.45	330.17	5.72	0.34	0.19	0.23	0.02	0.42	0.11	0.13	0.17
MMC-18-10	87.78	146.09	58.31	0.74	0.41	0.47	0.03	1.04	0.21	0.39	0.44
MMC-18-11	96.78	169.38	72.6	0.74	0.41	0.47	0.03	1.10	0.22	0.40	0.48
MMC-18-12	83.67	151.3	67.63	0.70	0.39	0.43	0.03	1.05	0.20	0.39	0.46
MMC-18-13	70.63	90.4	19.77	0.62	0.38	0.33	0.03	0.89	0.22	0.31	0.36

#### 4.4 Recommendations

This program has successfully shown that electromagnetic methods can be used to identify blebby-net textured sulfides at the Shakespeare deposit. The resulting geophysical plates were then drilled and, in all cases, intersected mineralization (except MMC-18-01 which targeted geology, not plates). Following up on this work it is recommended that a deep penetrating surface geophysical study be carried out. A potential survey to use would be the UTEM 5 system which has been successfully implemented on many Cu-Ni-PGE deposits around the Sudbury camp. It also recommended that an IP survey be carried out over the deposit and surrounding ground to identify any sub-crop containing blebby mineralization, as this style of mineralization will not be picked up by the UTEM 5 system. Follow up work to these surveys will vary depending on results but include: mapping, trenching/stripping, and further drilling.

Targeted mapping is proposed to identify, trace, and establish controls on cross-cutting structures in the area. Understanding of block displacement will inevitably be beneficial in identifying more mineralized occurrences.

A geochemical comparison should also be carried out to compare whole rock chemistry of the Shakespeare deposit and other known mineralized occurrences on the property.

## 5 Statement of Qualifications

I, Marshall Hall of 94 North Channel Camp Rd, Noelville, Ontario do certify that :


I graduated from Laurentian University with a B. Sc (hons) in 2014.

I am a member of the Association of Professional Geoscientists of Ontario (APGO; #3052).

I am a licensed prospector with the Ontario Government.

I am a member of the Prospectors and Developers Association of Canada (PDAC)

Am employed by Magna Mining as Project Geologist.



Marshall Hall  
P. Geo., B. Sc., (Hons)  
Project Geologist  
Magna Mining  
May 5, 2019

Expenditure Details (Receipt entries)													Invoice Reference #
Primary Cost Category		Secondary Cost Category	Work Performed		Invoicee	Invoice Reference #	Invoice Date	Billing Unit	Unit Price	# Units	Total Cost (No Tax)	Rounded	
Primary Exploration Activity	Work Subtype	Associated Cost Type	Start Date	End Date									
Exploratory_Drilling	Core_Drilling		October 10, 2018	October 10, 2018	Jacob & Samuel Drilling Ltd - Deposit	247	October 10, 2018	Each	\$ 50,000.00	1.00	\$ 50,000.00	\$ 50,000.00	1
Exploratory_Drilling	Core_Drilling		October 24, 2018	October 29, 2018	Jacob & Samuel Drilling Ltd	250	October 31, 2018	Metres	\$ 75.00	401.00	\$ 30,075.00	\$ 30,075.00	2
Exploratory_Drilling	Core_Drilling		October 25, 2018	November 4, 2018	Jacob & Samuel Drilling Ltd	249	October 31, 2018	Metres	\$ 75.00	364.00	\$ 27,300.00	\$ 27,300.00	3
Exploratory_Drilling	Core_Drilling		October 31, 2018	November 13, 2019	Jacob & Samuel Drilling Ltd	252	November 15, 2018	Metres	\$ 75.00	779.00	\$ 58,425.00	\$ 58,425.00	4
Exploratory_Drilling	Core_Drilling		November 3, 2018	November 20, 2018	Jacob & Samuel Drilling Ltd	253	November 15, 2018	Metres	\$ 75.00	647.00	\$ 48,525.00	\$ 48,525.00	5
Exploratory_Drilling	Core_Drilling		November 7, 2018	December 1, 2018	Jacob & Samuel Drilling Ltd	255	November 30, 2018	Metres	\$ 75.00	688.00	\$ 51,600.00	\$ 51,600.00	6A
Exploratory_Drilling	Core_Drilling		November 20, 2018	November 24, 2018	Jacob & Samuel Drilling Ltd	255	November 30, 2018	Hours	\$ 200.00	16.00	\$ 3,200.00	\$ 3,200.00	6B
		Supplies	November 21, 2019	November 24, 2019	Jacob & Samuel Drilling Ltd	255	November 30, 2018	Each	\$ 404.00	1.00	\$ 404.00	\$ 404.00	6C
		Supplies	November 1, 2018	November 15, 2018	Jacob & Samuel Drilling Ltd	255	November 30, 2018	Each	\$ 50.00	15.00	\$ 750.00	\$ 750.00	6D
Exploratory_Drilling	Core_Drilling		November 10, 2018	November 30, 2019	Jacob & Samuel Drilling Ltd	256	November 30, 2018	Metres	\$ 75.00	613.00	\$ 45,975.00	\$ 45,975.00	7A
		Supplies	November 16, 2018	November 30, 2018	Jacob & Samuel Drilling Ltd	256	November 30, 2018	Each	\$ 50.00	15.00	\$ 750.00	\$ 750.00	7B
Exploratory_Drilling	Core_Drilling		November 26, 2018	December 4, 2018	Jacob & Samuel Drilling Ltd	258	December 11, 2018	Metres	\$ 78.00	230.00	\$ 17,940.00	\$ 17,940.00	8A
Exploratory_Drilling	Core_Drilling		October 24, 2018	December 4, 2018	Jacob & Samuel Drilling Ltd	258	December 11, 2018	Each	\$ 9,130.00	1.00	\$ 9,130.00	\$ 9,130.00	8B
		Rental	October 22, 2018	November 21, 2018	Wallbridge Mining Company Ltd	181022	October 22, 2018	Monthly	\$ 2,500.00	1.00	\$ 2,500.00	\$ 2,500.00	9
		Rental	November 22, 2018	December 21, 2018	Wallbridge Mining Company Ltd	181122	November 22, 2018	Monthly	\$ 2,500.00	1.00	\$ 2,500.00	\$ 2,500.00	10
Sampling_Work	Drill_Core_Sampling		October 24, 2018	October 31, 2018	Orix Geoscience	2018651	October 31, 2018	Hours	\$ 190.00	2.00	\$ 380.00	\$ 380.00	11A
Sampling_Work	Drill_Core_Sampling		October 24, 2018	October 31, 2018	Orix Geoscience	2018651	October 31, 2018	Hours	\$ 110.00	3.00	\$ 330.00	\$ 330.00	11B
Sampling_Work	Drill_Core_Sampling		October 24, 2018	October 31, 2018	Orix Geoscience	2018651	October 31, 2018	Hours	\$ 95.00	4.00	\$ 380.00	\$ 380.00	11C
Sampling_Work	Drill_Core_Sampling		October 24, 2018	October 31, 2018	Orix Geoscience	2018651	October 31, 2018	Hours	\$ 75.00	56.00	\$ 4,200.00	\$ 4,200.00	11D
Sampling_Work	Drill_Core_Sampling		November 1, 2018	November 30, 2018	Orix Geoscience	2018715	November 30, 2018	Hours	\$ 190.00	1.00	\$ 190.00	\$ 190.00	12A
Sampling_Work	Drill_Core_Sampling		November 1, 2018	November 30, 2018	Orix Geoscience	2018715	November 30, 2018	Hours	\$ 95.00	1.00	\$ 95.00	\$ 95.00	12B
Sampling_Work	Drill_Core_Sampling		November 1, 2018	November 30, 2018	Orix Geoscience	2018715	November 30, 2018	Hours	\$ 75.00	152.00	\$ 11,400.00	\$ 11,400.00	12C
Sampling_Work	Drill_Core_Sampling		December 1, 2018	December 31, 2018	Orix Geoscience	2018787	December 31, 2018	Hours	\$ 75.00	8.00	\$ 600.00	\$ 600.00	13
		Assays	October 16, 2018	October 16, 2018	CDN Resource Laboratories	1810028	October 16, 2018	Each	\$ 1,338.88	1.00	\$ 1,338.88	\$ 1,339.00	14
		Assays	December 21, 2018	December 21, 2018	SGS	11210616	December 31, 2018	Each	\$ 42.94	170.00	\$ 7,299.85	\$ 7,300.00	15
		Assays	January 2, 2019	January 2, 2019	SGS	11211920	January 10, 2019	Each	\$ 43.09	83.00	\$ 3,576.25	\$ 3,576.00	16
		Assays	January 8, 2019	January 9, 2019	SGS	11213664	January 21, 2019	Each	\$ 43.14	153.00	\$ 6,599.95	\$ 6,600.00	17
		Assays	January 15, 2019	January 16, 2019	SGS	11213863	January 22, 2019	Each	\$ 42.92	172.00	\$ 7,381.80	\$ 7,382.00	18
		Assays	January 29, 2019	January 30, 2019	SGS	11217365	January 31, 2019	Each	\$ 43.08	102.00	\$ 4,394.00	\$ 4,394.00	19
		Assays	November 5, 2018	December 12, 2018	SGS		February 8, 2019	Each	\$ 43.03	803.00	\$ 34,553.09	\$ 34,553.00	
Exploratory_Drilling			October 24, 2018	December 18, 2018	Magna Mining - Project manager		December 31, 2018	Days	\$ 444.44	45.00	\$ 20,000.00	\$ 20,000.00	
Exploratory_Drilling			October 24, 2018	December 18, 2018	Magna Mining - Geologist		December 31, 2018	Days	\$ 410.96	36.50	\$ 15,000.00	\$ 15,000.00	
Sampling_Work	Drill_Core_Sampling		October 24, 2018	December 7, 2018	Sagamok Technicians		December 31, 2018	Days	\$ 873.64	55.00	\$ 48,050.00	\$ 48,050.00	
		Personal Transportation	October 24, 2018	December 18, 2018	truck		December 31, 2018	Each	\$ 300.00	60.00	\$ 18,000.00	\$ 18,000.00	
		Supplies	October 24, 2018	December 18, 2008	misc cons		December 31, 2018	Each	\$ 5,000.00	1.00	\$ 5,000.00	\$ 5,000.00	
		Report/Map	October 24, 2018	May 31, 2019	Magna Mining		May 31, 2019	Each	\$ 2,200.00	1.00	\$ 2,200.00	\$ 2,200.00	
										Total	\$ 540,042.82	\$ 540,043.00	

## Sample Preparation, Analysis, and Security

### Sampling Method and Approach

#### Drill core sampling

Once core was logged the geologist would then select intervals for sampling. Samples were selected such that boundaries between rock types, alteration, and mineralization were not crossed by the sample intervals. To accomplish this, samples were given a minimum length of 30cm and maximum length of 1.5m. In general the geologists endeavoured to keep samples in approximate range of 1m.

Samples were measured from meter marks created by the geologist or core technician before core logging began. In zones of continuous sampling measurements are carried down from the previous sample. This is done to ensure that sample lengths are accurate, and in cases where the driller blocks did not align with measured distances, the latter were taken as correct. The only exception to this was samples that were extremely blocky, gravelly, or otherwise indicative of potential core loss. In these cases samples would be reset at the next driller block. Once the sample was marked out, a sample tag was placed at the end of the sample and a reference line was drawn on top of the core.

Upon completion of sample markup, the core was then cut using a diamond core saw. Core was placed in the core tray with the reference line perpendicular to the blade and cut. Core was then placed back in the tray in its original position. The top half (side of core with reference line) was then placed in a labelled plastic bag along with a copy of the assay tag and sealed. The remaining half of core is then stored for future reference, sampling and review.

In cases where large zones of massive sulfide were cut, the blade would be cleaned by cutting properly sized pieces of cement block to remove any possible sulfide contamination on the blade. As the saw used recirculated water, the water source would also be changed upon completion of sampling mineralized zones.

The newly bagged samples were then placed into standard fibre rice bags for shipping. An average of 10 samples were placed in the rice bags to keep weight <50lbs. Rice bags were clearly labelled with batch number, number of rice bags per batch, samples contained within the bag, and with the companies contact information. To ensure that samples did not fall out of the rice bags, they were zip-tied shut after "spot-checks" were completed to ensure rice bags contained the samples listed on them.

Once all rice bags were filled and checked for QAQC they were then transported by truck to SGS Laboratories Garson facility. While dropping samples at the facility, Magna personnel would then confirm the samples being dropped off and have an SGS representative sign-off as confirmation of sample receipt.

### Lab Work

#### SGS Processing

Once at SGS the samples were crushed and pulverized at the Garson, Ontario facility and were then sent to Burnaby, British Columbia for analysis. Once at Burnaby the primary 3 methods of analysis were GE IMS90AS (34 elements), GE FAI313 (Au), and GE FAI313AE (Pt, Pd). In some instances samples would exceed detection limits and need to be analyzed using GO FAG303 (Au), or GO ICP90Q (base metals).



Table 1: Sample preparation codes and description

Method Code	Description
LOG02	Pre-preparation processing, sorting, logging, boxing etc.
	SAMPLE PREPARATION
PRP89	Weigh, dry <3.0kg, crush to 75% passing 2mm, split 250g, pulverize to 85% passing 75 microns.
	Sample Preparation Charges only applicable to overweight samples (>3.0kg)
DRY11	Dry samples >3.0kg at 105°C, per kg rate.
CRU22	Crush >3.0kg to 75% passing 2mm, per kg rate.
	Sample Preparation Charges only applied to samples received as pulps or to client requested pulp duplicates
WGH79	Weighing of samples and reporting of weights.
SPL26	Split into representative sub-samples using riffle splitter, per kg rate.
PUL45	Pulverize 250g, Cr steel to 85% passing 75 microns.
	SAMPLE HANDLING AND STORAGE
STO98	Storage of pulps, 30 day rate. Rate applied after initial 90 day free storage period expires.
STO99	Storage of rejects, 30 day rate. Rate applied after initial 30 day free storage period expires.
RTN96	All samples will be returned to the client at cost plus 15%.
DIS94	Disposal of samples, per kg rate.

Table 2: Sample analysis codes and descriptions with detection limits

Method Code	Description
	PRIMARY ANALYSIS METHODS
GE IMS90AS	34 element Standard package - sodium peroxide fusion, ICP-MS. See table below for elements and limits.
GE FAI313	Au - 30g Fire Assay, ICP-AES. Reporting limits 1 - 10 000ppb.
GE FAI313AE	Pt or Pd - additional element by GE FAI313, Reporting limits Pt 10 - 10 000ppb, Pd 1 - 10 000ppb.
	OVER LIMIT ANALYSIS METHODS
GO FAG303	Au - ore grade 30g Fire Assay, gravimetric. Reporting limits 0.5 - 10000ppm.
GO ICP90Q	Single element - ore grade sodium peroxide fusion, ICP-AES. See table below for available elements and limits.
GO ICP90QAE	Additional element by GO ICP90Q.

Table 3: Detection limits for the 34 element GE IMS90A S method

Elements and Limit(s)			
Ag	1 – 200 ppm	Fe	0.01 – 25 %
Al	0.01 – 25 %	K	0.1 – 30 %
As	3 – 10 000 ppm	La	0.1 – 10 000 ppm
Ba	10 – 10 000 ppm	Li	5 – 10 000 ppm
Be	1 – 2500 ppm	Mg	0.01 – 30 %
Bi	0.1 – 1000 ppm	Mn	10 – 10 000 ppm
Ca	0.1 – 25 %	Mo	2 – 10 000 ppm
Cd	0.2 – 10 000 ppm	Ni	5 – 50 000 ppm
Co	0.5 – 10 000 ppm	P	0.01 – 25 %
Cr	5 – 10 000 ppm	Pb	2 – 50 000 ppm
Cs	0.1 – 10 000 ppm	S	1 – 25 %
Cu	2 – 50 000 ppm	Sb	1 – 10 000 ppm
		Si	0.1 – 40 %
		Sn	1 – 10 000 ppm
		Sr	10 – 10 000 ppm
		Te	1 – 1000 ppm
		Ti	0.01 – 30 %
		V	5 – 10 000 ppm
		W	5 – 10 000 ppm
		Y	0.5 – 10 000 ppm
		Yb	0.1 – 1000 ppm
		Zn	5 – 50 000 ppm

Table 4: Detection limits for the GO ICP90Q (overlimits) method

Elements and Limit(s)					
Co	0.01 – 30 %	Mo	0.01 – 30 %	Zn	0.01 – 30 %
Cu	0.01 – 30 %	Ni	0.01 – 30 %		
Fe	0.05 – 30 %	Pb	0.01 – 30 %		

### SGS Internal Quality Control (standards and blanks)

SGS routinely added in quality control samples such that they comply with ISO/IEC 17025. Standards are selected to match the typical matrix of samples submitted to ensure that grades are being reported accurately. SGS quality control personnel monitor this and submit QAQC documentation as well as reporting their QC sample analysis with assay certificates. Review of these analysis shows that results are within acceptable limits.

### SGS Internal Duplicates

SGS routinely analyzes random samples for duplicate analysis. This is done to ensure the machines are reporting accurately and to estimate the reproducibility related to uncertainties in analytical methods and the homogeneity of sample pulps. Essentially this tests the precision of the labs analytical procedures, which are expected to be less than 10%. Meaning that at 95% confidence the duplicate assay will be within  $\pm 10\%$  of the original assay value. Lab duplicates are shown in Figure 1 to 4 and it can be seen that there is minor variation outside of the 10% threshold. However, the variation is very limited and it is assumed that lab precision is acceptable.

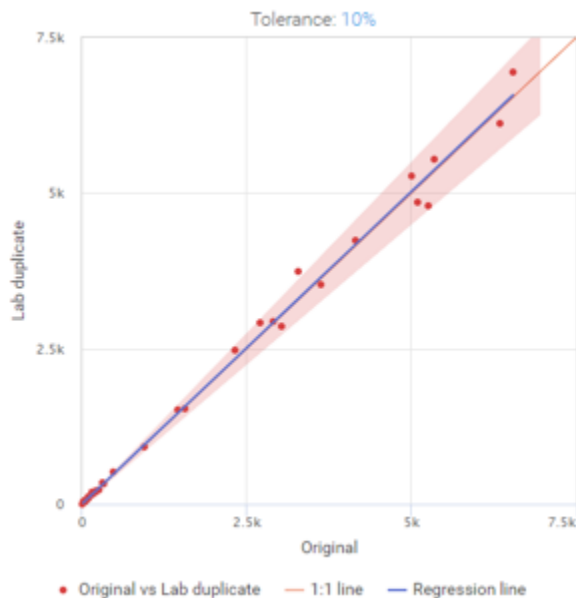


Figure 1: Ni(%) variation within lab duplicates

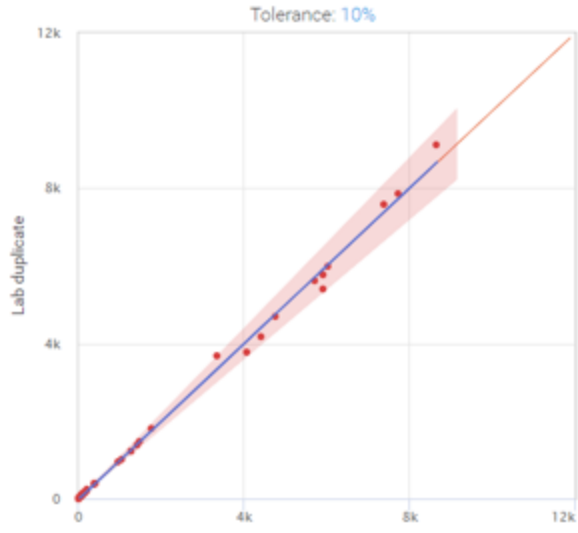


Figure 2: Cu(%) variation within lab duplicates

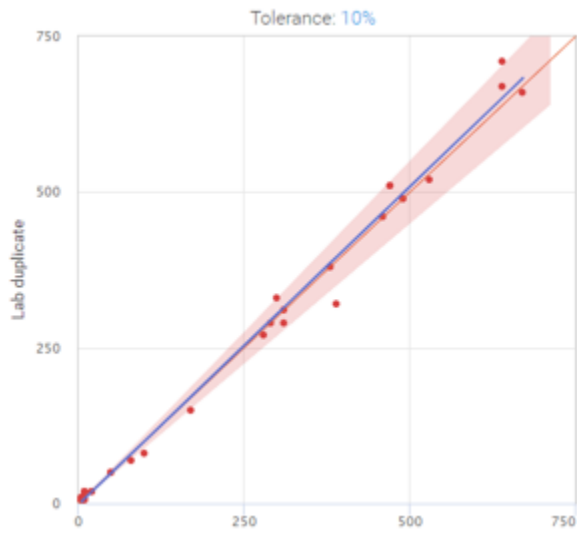


Figure 3: Pt(ppb) variation within lab duplicates

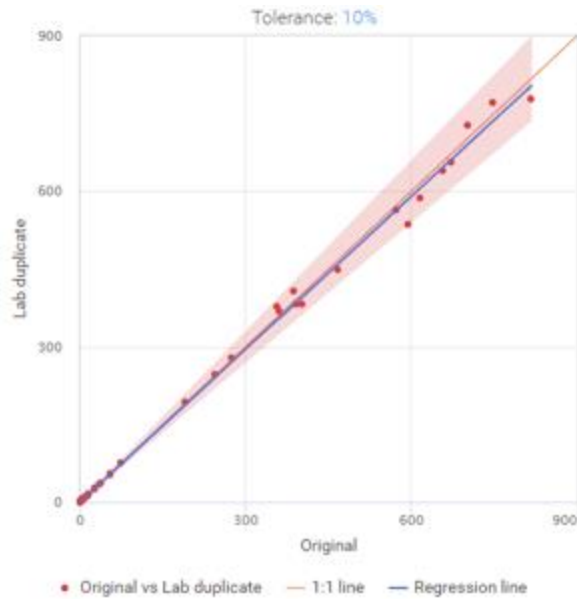


Figure 4: Pd(ppb) variation within lab duplicates

### Data Verification – Magna Mining’s Internal Protocol

To ensure proper reporting and analysis by SGS Magna inserted standards and blanks at regular intervals throughout the 2018 drill program as part of a QAQC program. These QC samples underwent the same sample preparation as drill core. They were submitted at predetermined intervals such that there was one CDN-ME-1208, one CDN-ME-1310, one field duplicate, one CDN-BL-10, and one quartz pebble blank submitted in every 50 samples. Random quartz pebble blanks were also inserted in mineralized sections to ensure that contamination between samples is being kept to a minimum. It should be noted that the quartz pebble blank was added during the program and the first few holes did not have any submitted were submitted with only CDN-BL-10 powdered blanks. In the duration of the 2018 drilling program a total of 59 standards, 29 field duplicates, 92 blanks were submitted for a total of 180 control samples or 12% of the samples taken in this program.

### Magna Submitted Standards

Certified reference materials (CRM) are routinely submitted with samples to establish long term assay bias or problems with specific sample batches. Magna utilized two standards that were selected to cover the spectrum of mineralized grades expected to be seen at the Shakespeare deposit. Of the 59 standards submitted only one failed to fall within 3 standard deviations and that was only for method GE FAI313 (Figure 5). This sample passed analysis for Cu and Ni. This was brought to the attention of SGS and the standard was re-assayed as well as the previous 5 samples, the standard was the last sample in that batch and therefore no samples were assayed after the standard. The values reported from the re-assay were extremely close for the samples before the standard and within acceptable limits for the standard itself Figure 7 and because of this it is assumed that the remaining assays of this batch are acceptable. Detailed results are outlined in Figure 8 to Figure 11 and show all analysis falling within 3 standard deviations and because of this all analysis are assumed to be correct for the 2018 program.

It is important to note that the values for gold are provisional and therefore the three samples exceeding 2 standard deviations have been deemed to be within acceptable levels.



Figure 5: Original assay certificates for all standards including one failed standard. Note that gold values are provisional with the analytical technique used and are therefore deemed as acceptable.

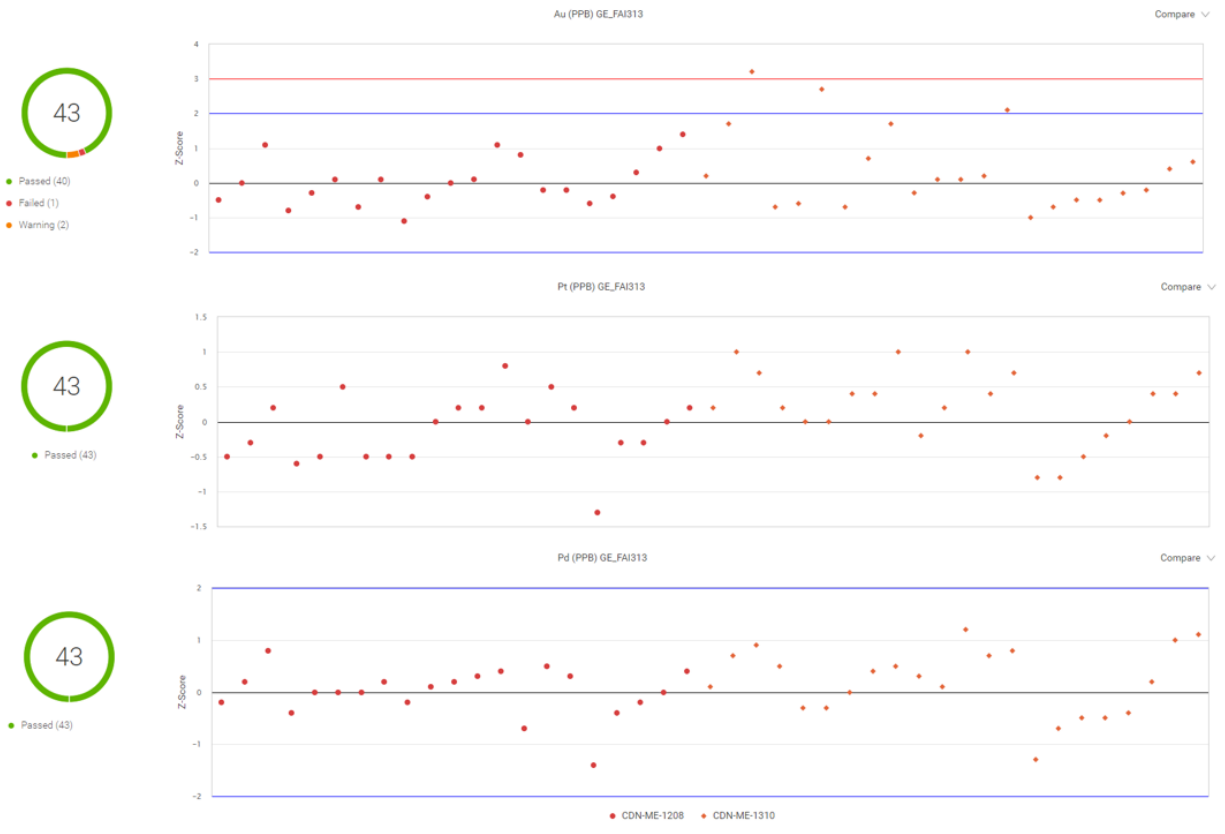


Figure 6: Z-score plot of all standards after reanalysis of failed sample for method GE FAI313 (Au, Pt, Pd). Note that gold values are provisional with the analytical technique used and are therefore deemed as acceptable.



Figure 7: Z-score plot of all standards for method GE IMS90A (Cu and Ni)

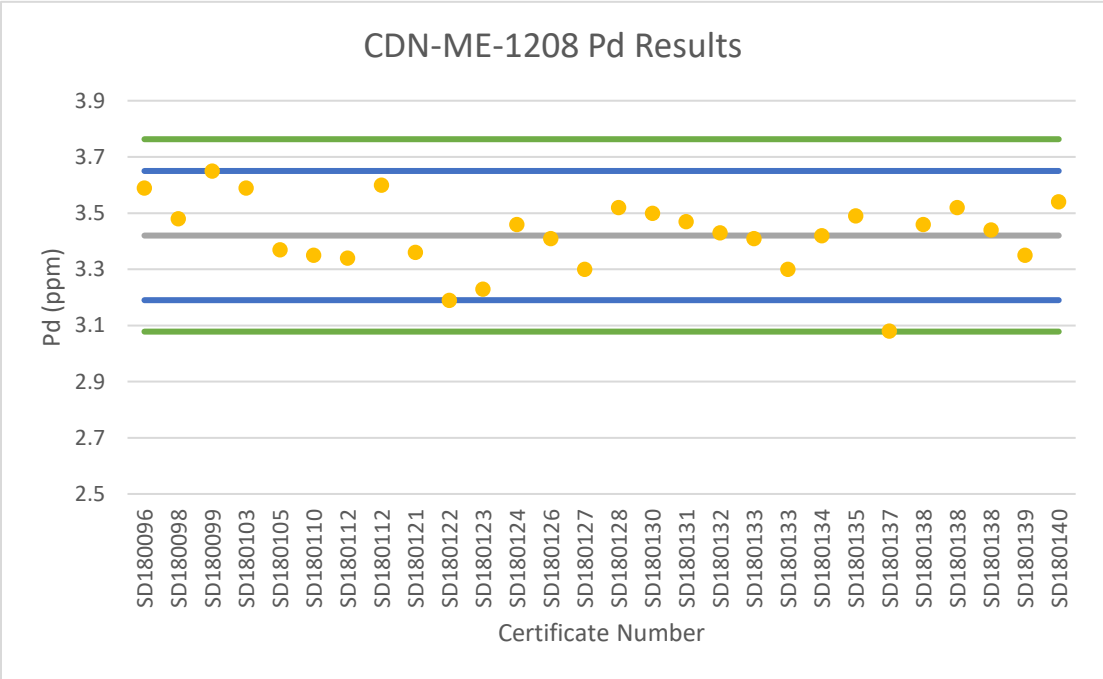
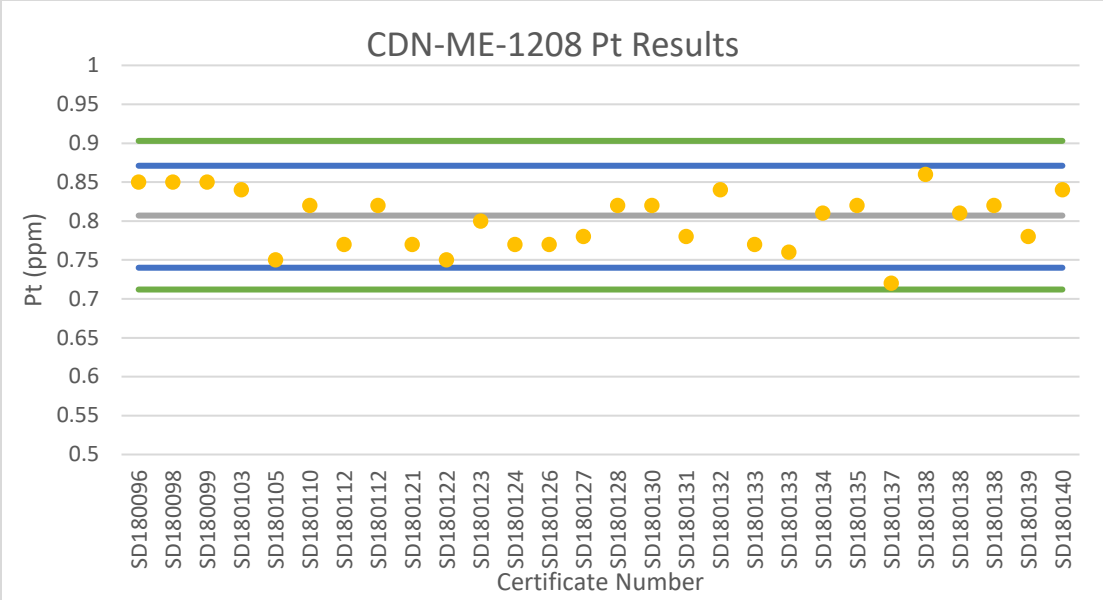


Figure 8: Results of standard analysis for Pt and Pd. Note that all samples fall within 3 standard deviations

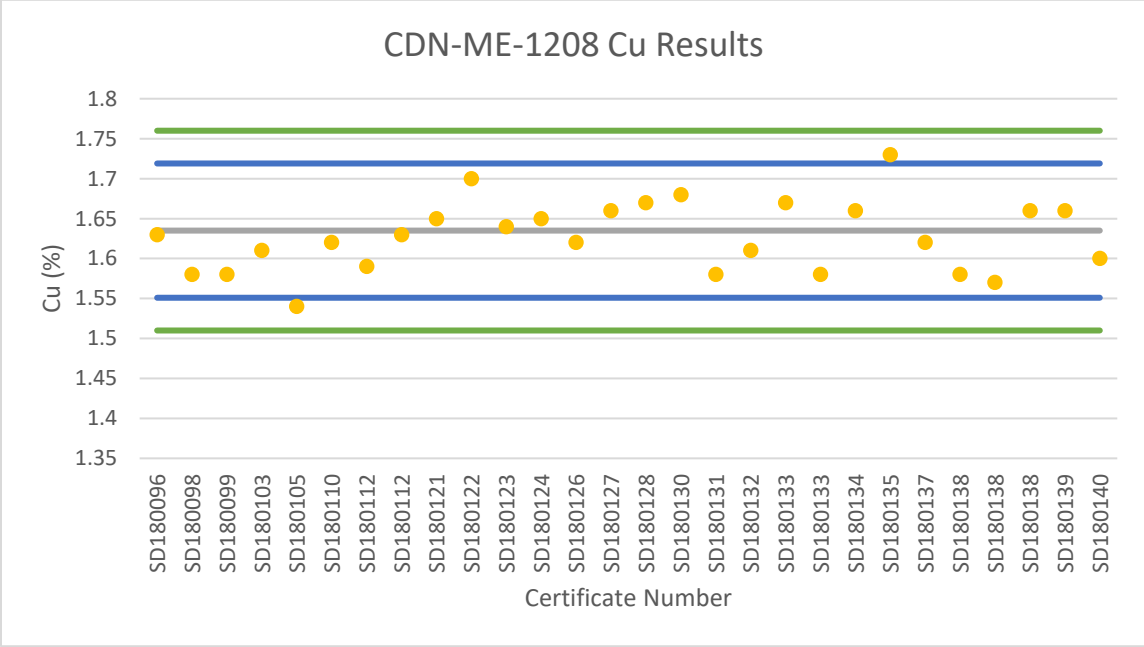
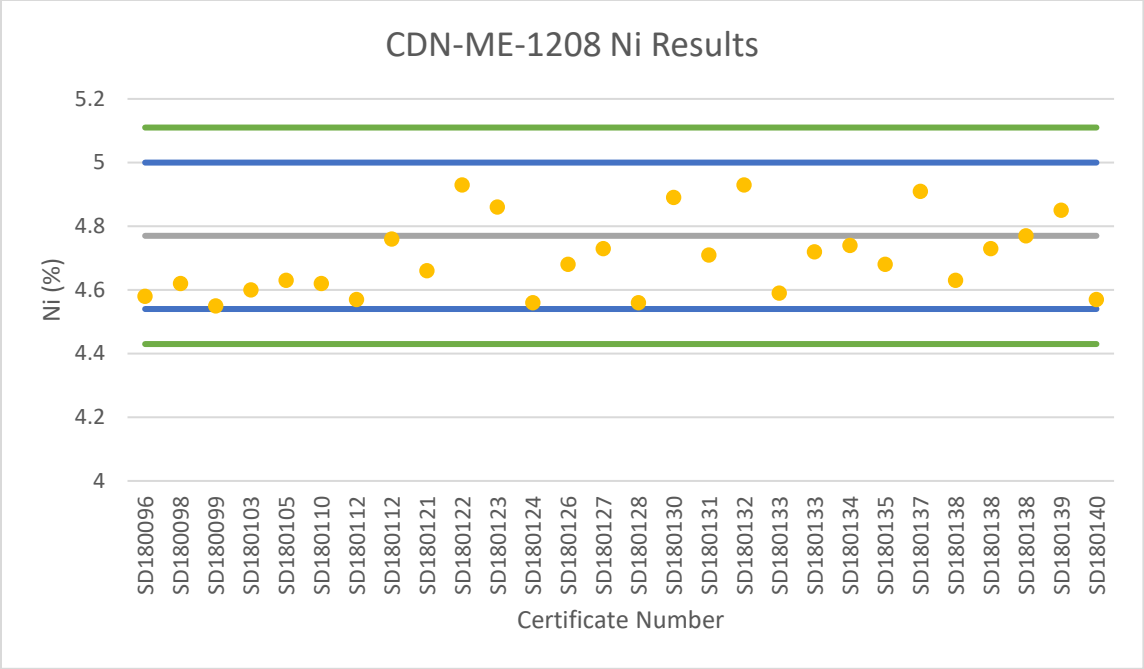


Figure 9: Results of standard analysis for Ni and Cu. Note that all samples fall within 3 standard deviations



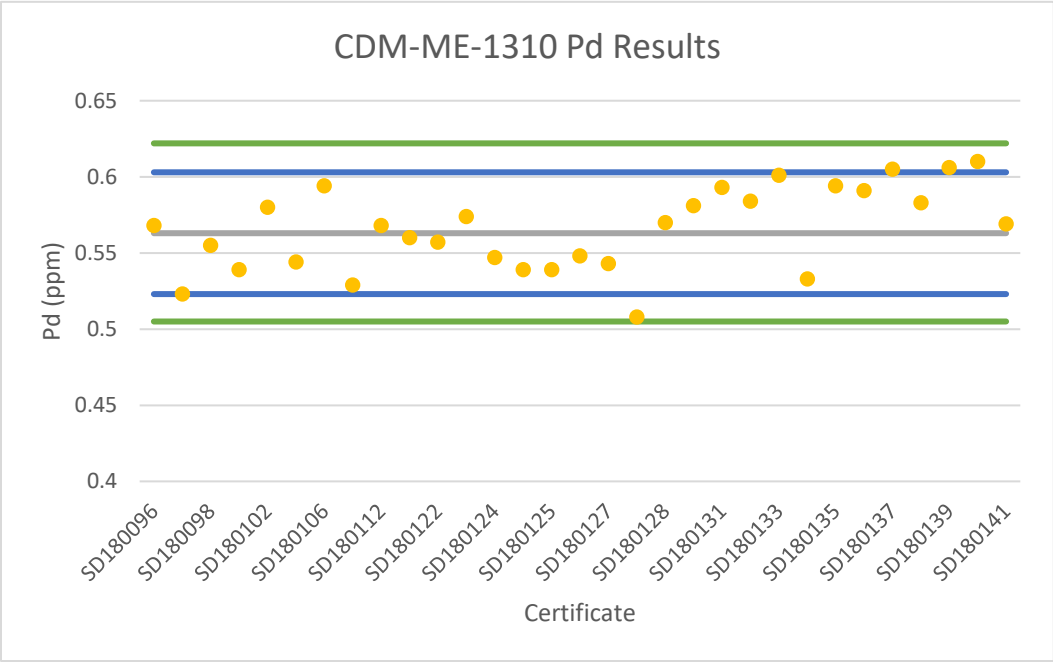
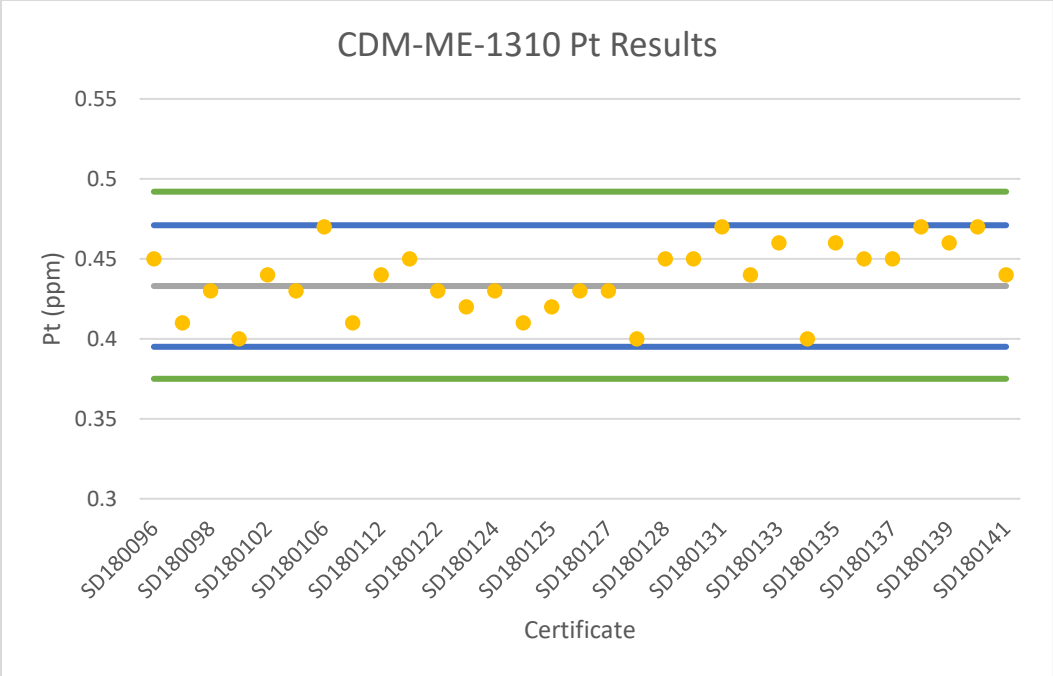


Figure 10: Results of standard analysis for Pt and Pd. Note that all samples fall within 3 standard deviations

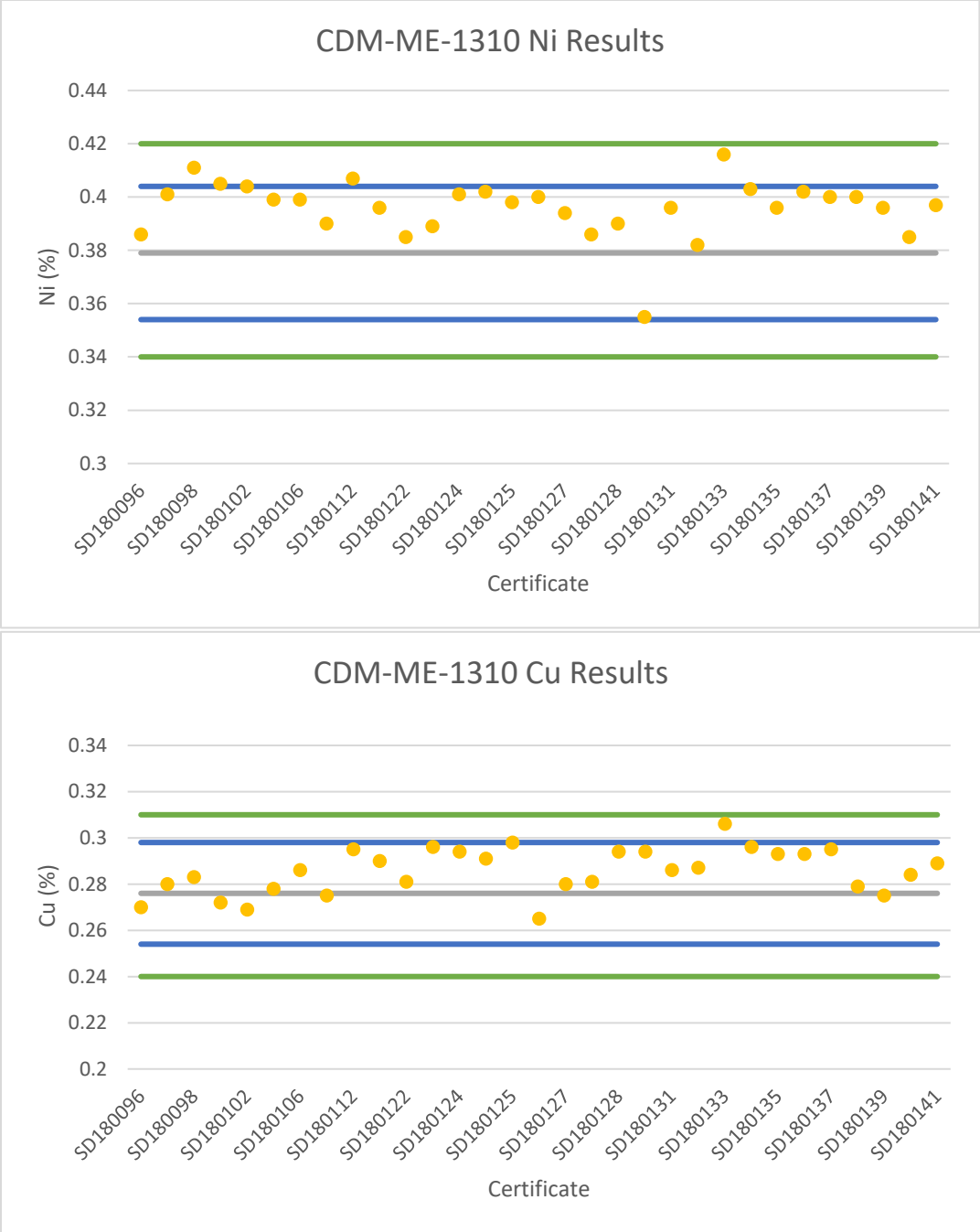


Figure 11: Results of standard analysis for Ni and Cu. Note that all samples fall within 3 standard deviations

**Magna Submitted Blanks**

During the crushing and preparation of samples at the lab there is potential for mineralized samples to contaminate subsequent samples. To test if this is occurring two types of blanks were submitted into the sample sequence. Powdered blanks (CDN-BL-10; powdered from granitic material) and 2-4cm quartz gravel chunks. Metal values for gravel blanks are assumed to be near zero and values for powdered blanks are also negligible. Both blanks were inserted into the sample chain at regular intervals and the

quartz gravel was inserted randomly in mineralized zones. The purpose of this is twofold, it allows for testing for contamination of samples, and also helps clean the laboratory equipment.

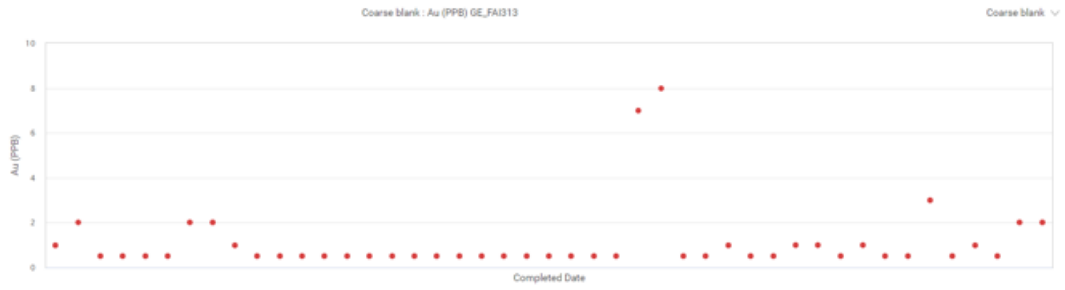
Failure limits for the standards are defined as 4ppb (Au), 40 ppb (Pt), and 4 ppb (Pd) for powdered blanks as defined by CDN thresholds. For coarse blanks these thresholds were carried over, however, it's important to note that the gravel blanks are not certified materials and there could be natural variation in the samples. Neither of the blank types have defined failure limits for Ni and Cu and failure limits were set at 150 ppm Cu and 50 ppm Ni for powdered blanks and 50 ppm Cu and 50 ppm Ni for quartz gravels. Results of the blank assays are shown in Figure 12 to Figure 15.



Figure 12: powdered blank analysis for method GE FAI313 (Au, Pt, Pd)

45

Imported (45)



45

Imported (45)



45

Imported (45)

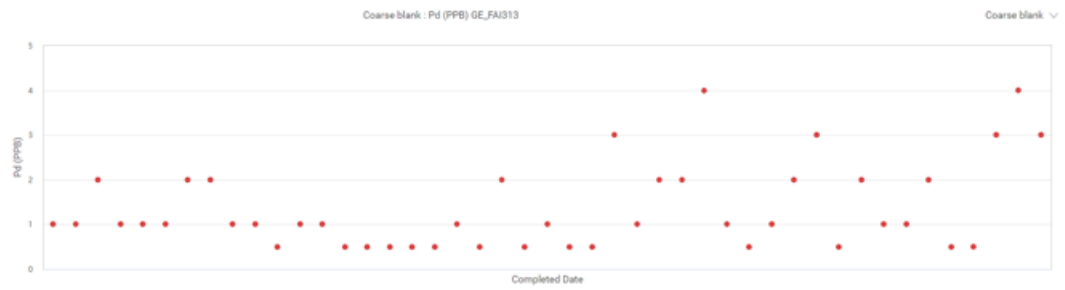


Figure 13: Coarse blank analysis for method GE FAI313 (Au, Pt, Pd)



Figure 14: Powdered blank analysis for method GE IMS90A (Cu, Ni)

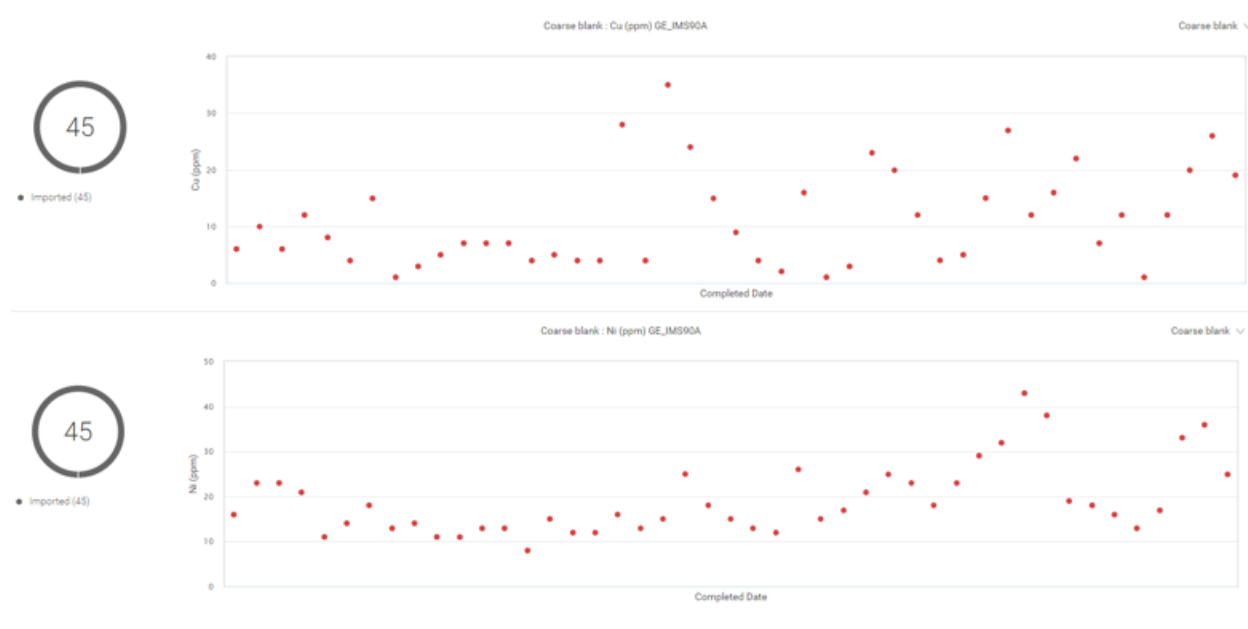


Figure 15: Coarse blank analysis for method GE IMS90A (Cu, Ni)

The figures show that there is some contamination of samples within mineralized zones. However, the degree of contamination is relatively limited and only rarely exceeds defined thresholds. In these cases the exceeded values are within a few ppb for Au, Pt, and Pd; and all within acceptable levels for Cu and Ni. It is therefore assumed that contamination of samples from the 2018 program did not occur.

### Magna Field Duplicates

Since natural variation is present in all rocks, such as ore/mineral distribution. Sample duplicates were placed systematically within the sample chain. These samples were submitted to test the variability within the rocks themselves and independently test the precision of the lab. Results of the field duplicates are seen in Figure 15 and Figure 16.

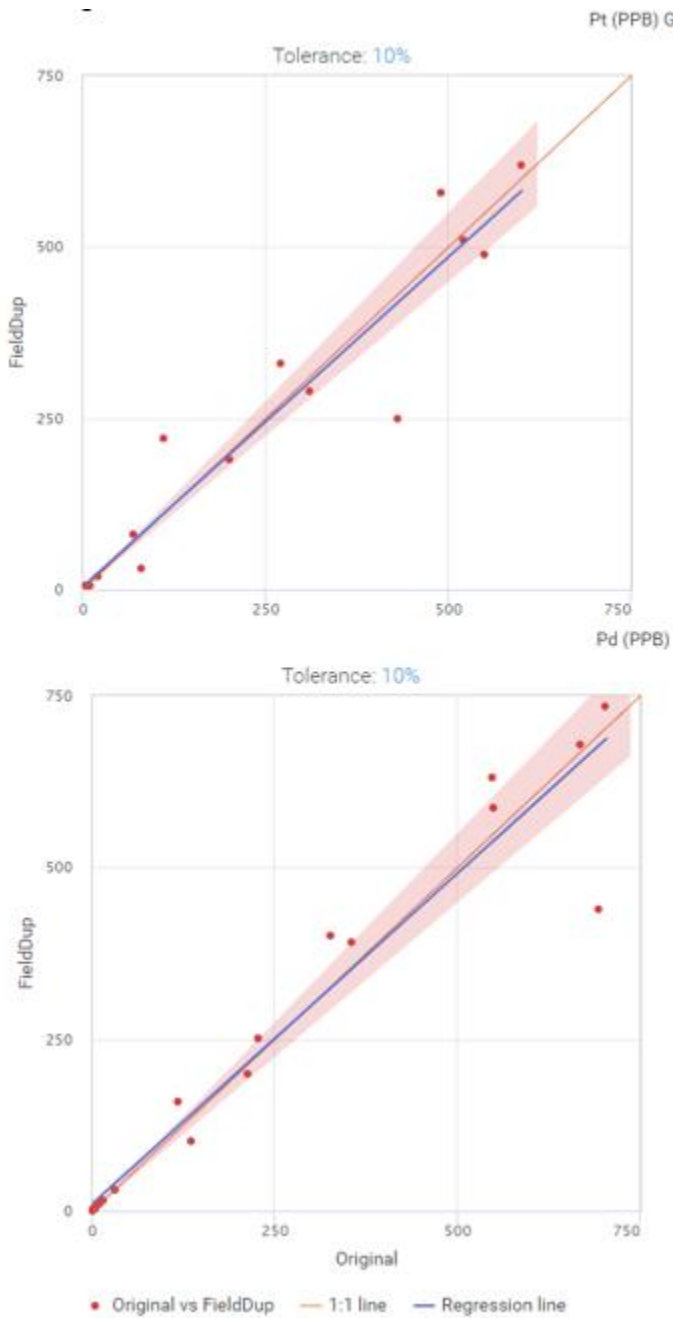


Figure 16: Results of field duplicates for Pt (top) and Pd (bottom)

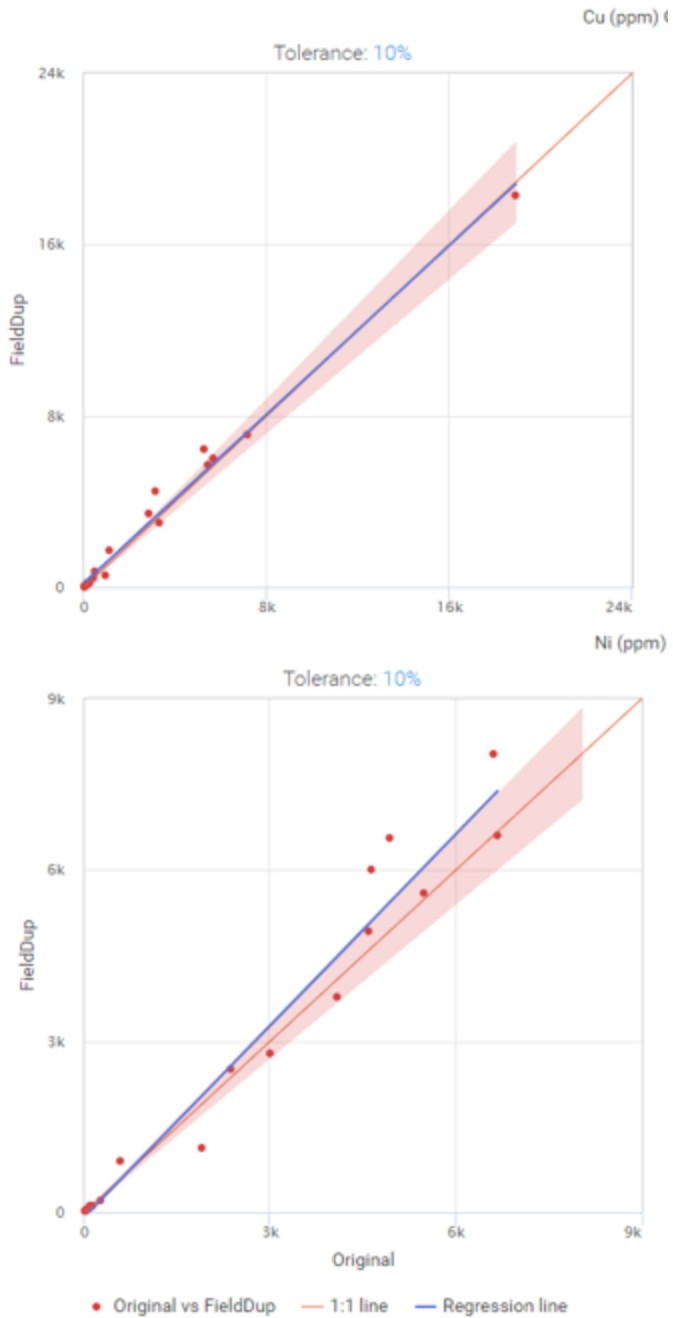
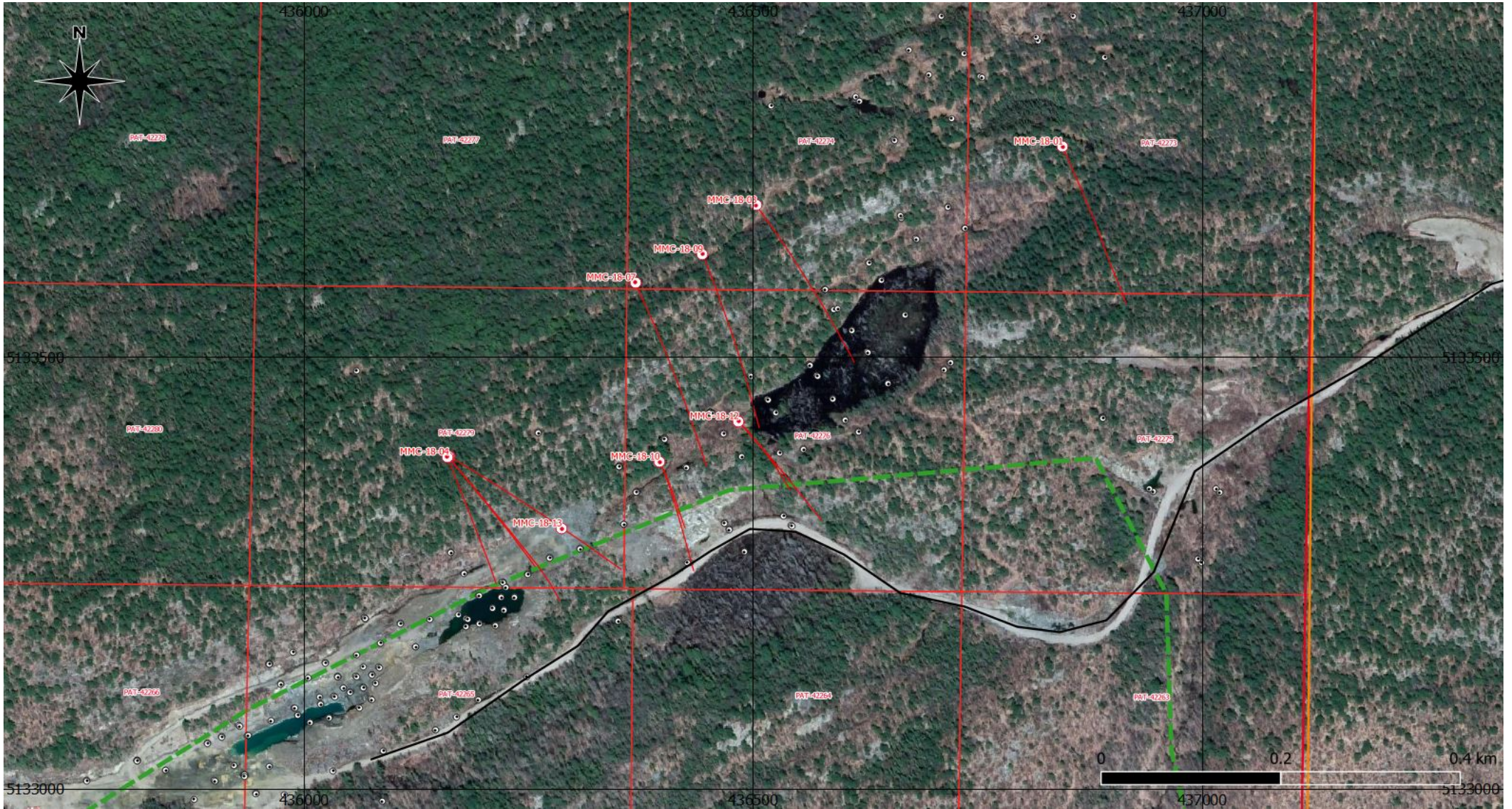


Figure 17: Results of field duplicates for Cu (top) and Ni (bottom)

The scatter of these analysis is much higher than that of the laboratory duplicates. In most cases this variation can be attributed to the nugget effect and variable distribution of ore within the core. These duplicates are based on  $\frac{1}{4}$  and therefore made it difficult to insure even distribution of mineralization between duplicates.

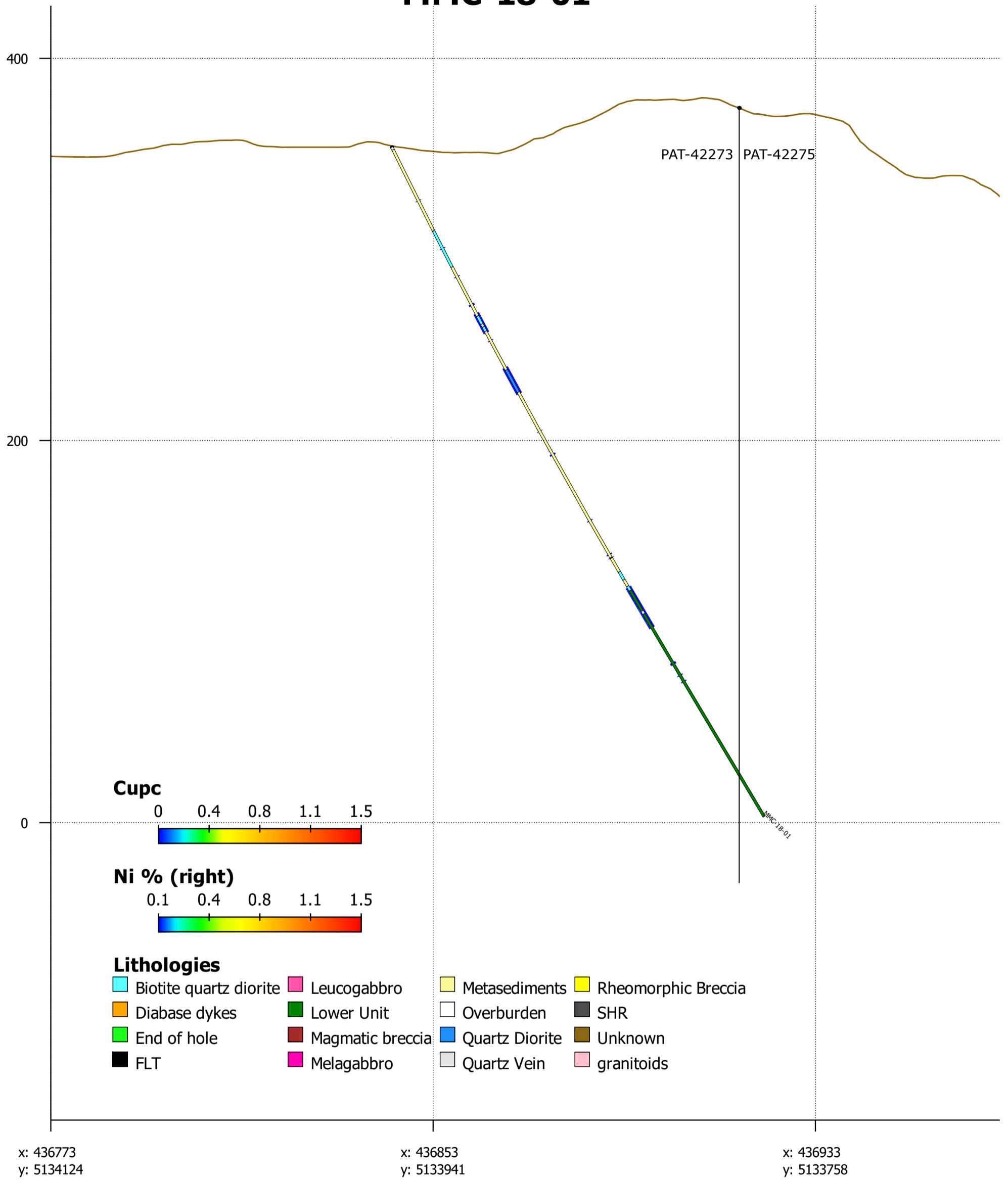




A

B

# MMC-18-01



x: 436773  
y: 5134124

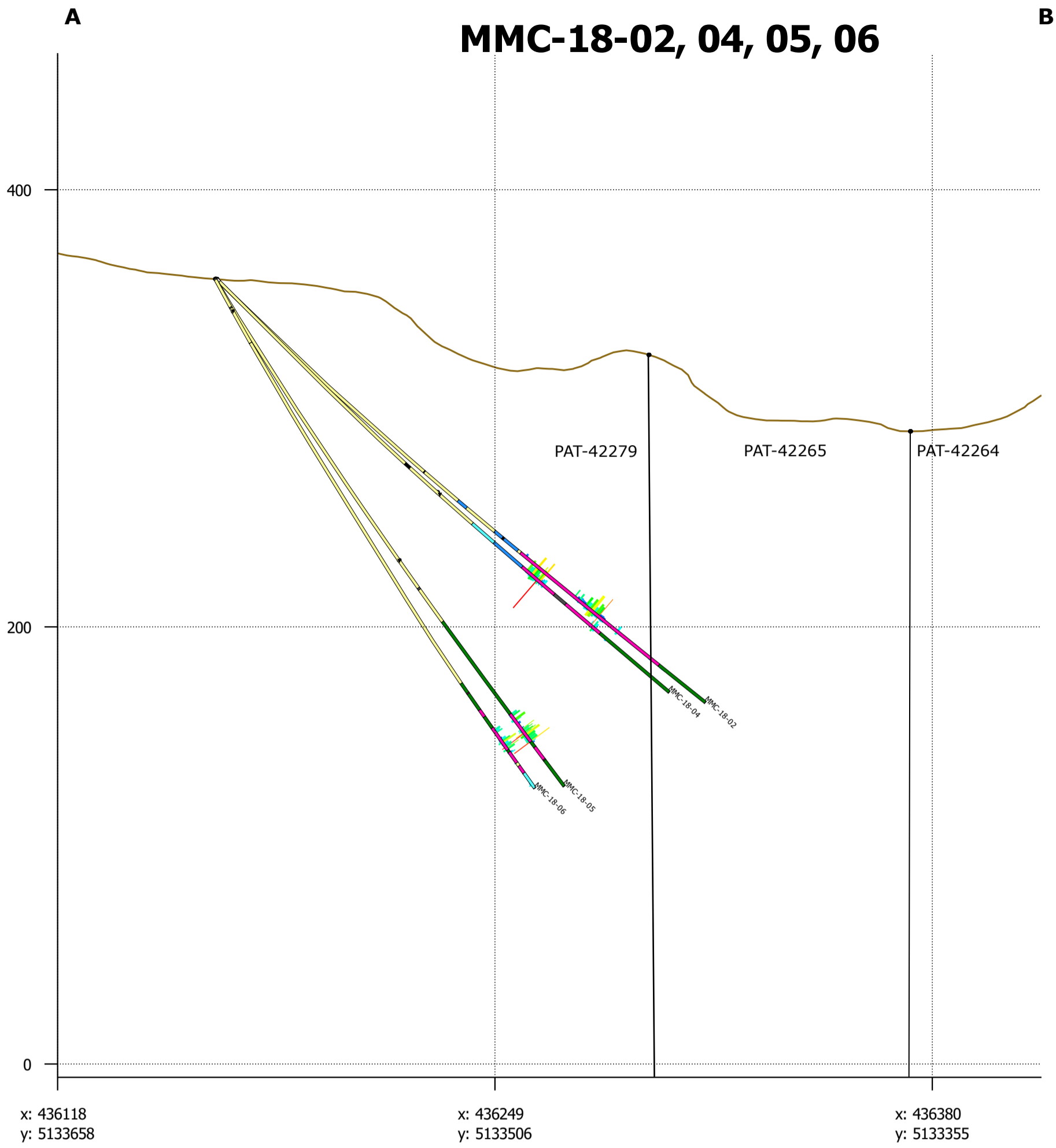
x: 436853  
y: 5133941

x: 436933  
y: 5133758

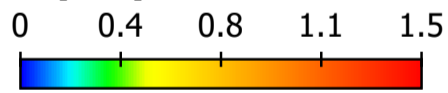
Scale: 1:2,000



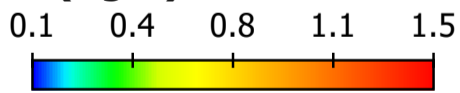
# MMC-18-02, 04, 05, 06



### Cu % (left)



### Ni % (right)



Scale: 1:2,000



### Lithologies

Biotite quartz diorite	Leucogabbro	Metasediments	Rheomorphic Breccia
Diabase dykes	Lower Unit	Overburden	SHR
End of hole	Magmatic breccia	Quartz Diorite	Unknown
FLT	Melagabbro	Quartz Vein	granitoids

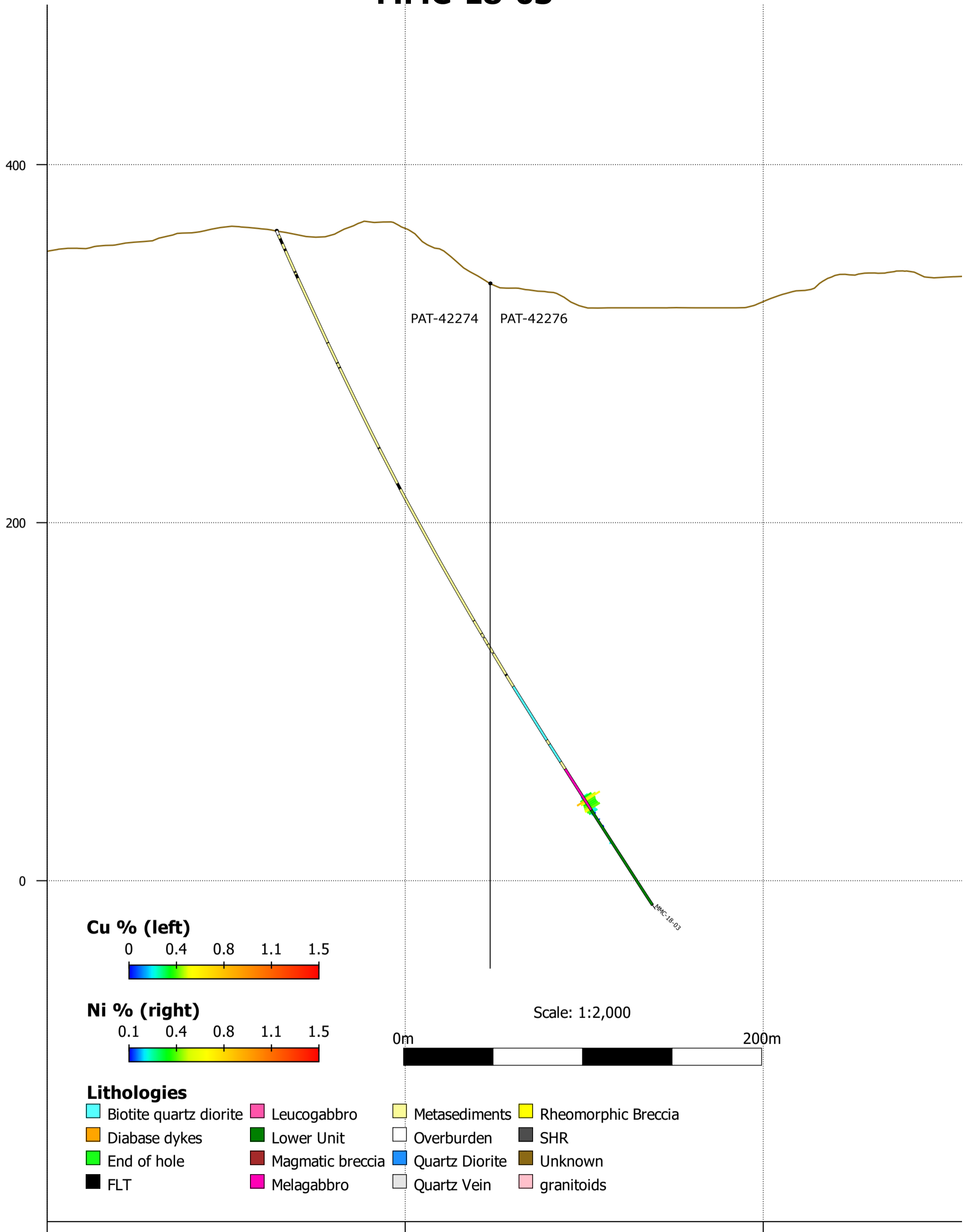
### Lines

- lease 1 polyline (On Topography)
- lease 2 polyline (On Topography)
- lease 3 polyline (On Topography)
- lease 4 polyli

A

# MMC-18-03

B



x: 436443  
y: 5134005

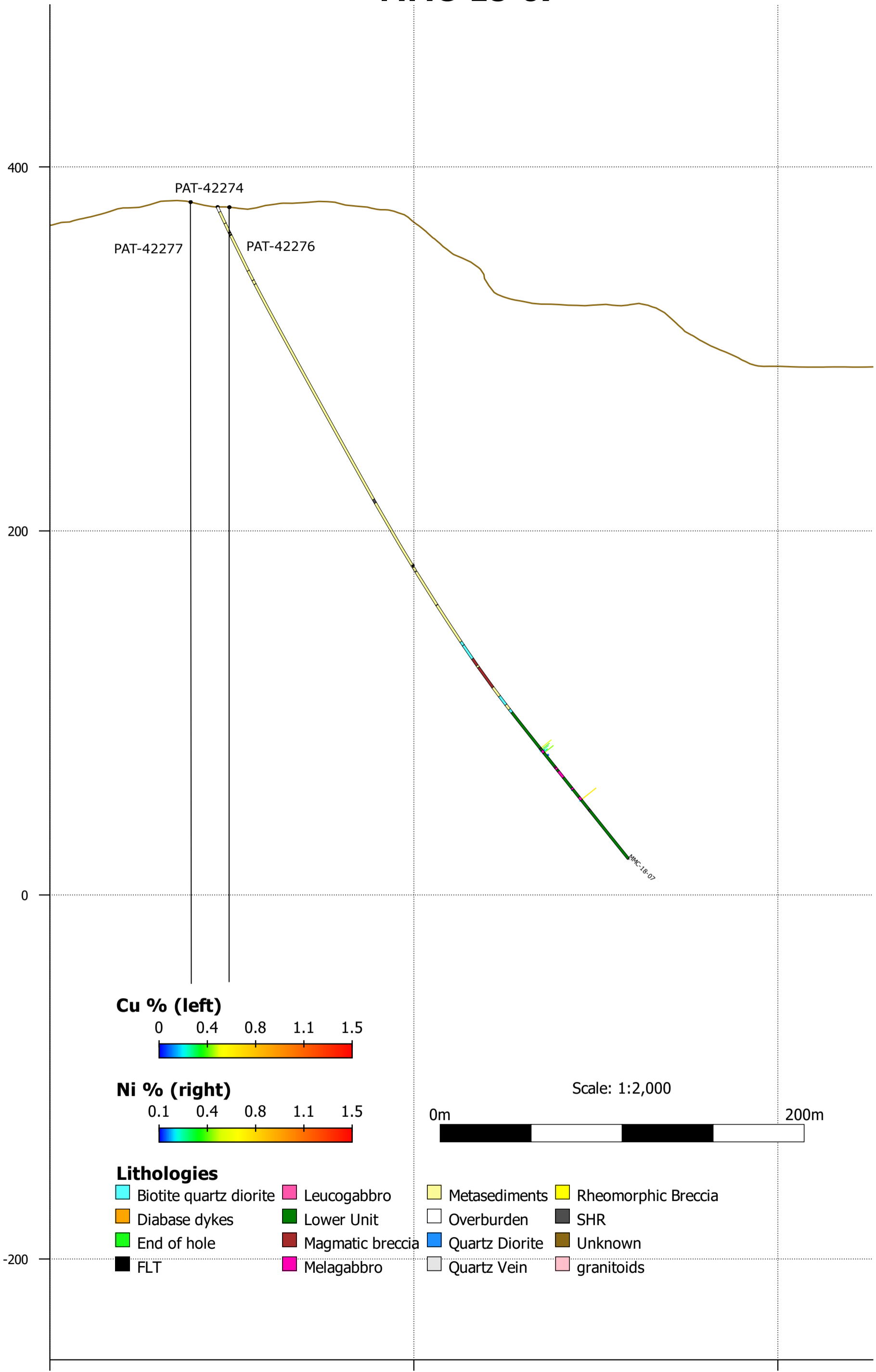
x: 436552  
y: 5133838

x: 436662  
y: 5133670

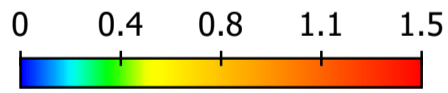
A

B

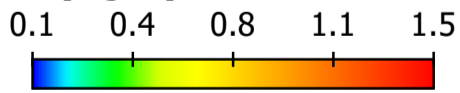
# MMC-18-07



**Cu % (left)**



**Ni % (right)**



**Lithologies**

- Biotite quartz diorite
- Diabase dykes
- End of hole
- FLT
- Leucogabbro
- Lower Unit
- Magmatic breccia
- Melagabbro
- Metasediments
- Overburden
- Quartz Diorite
- Quartz Vein
- Rheomorphic Breccia
- SHR
- Unknown
- granitoids

Scale: 1:2,000



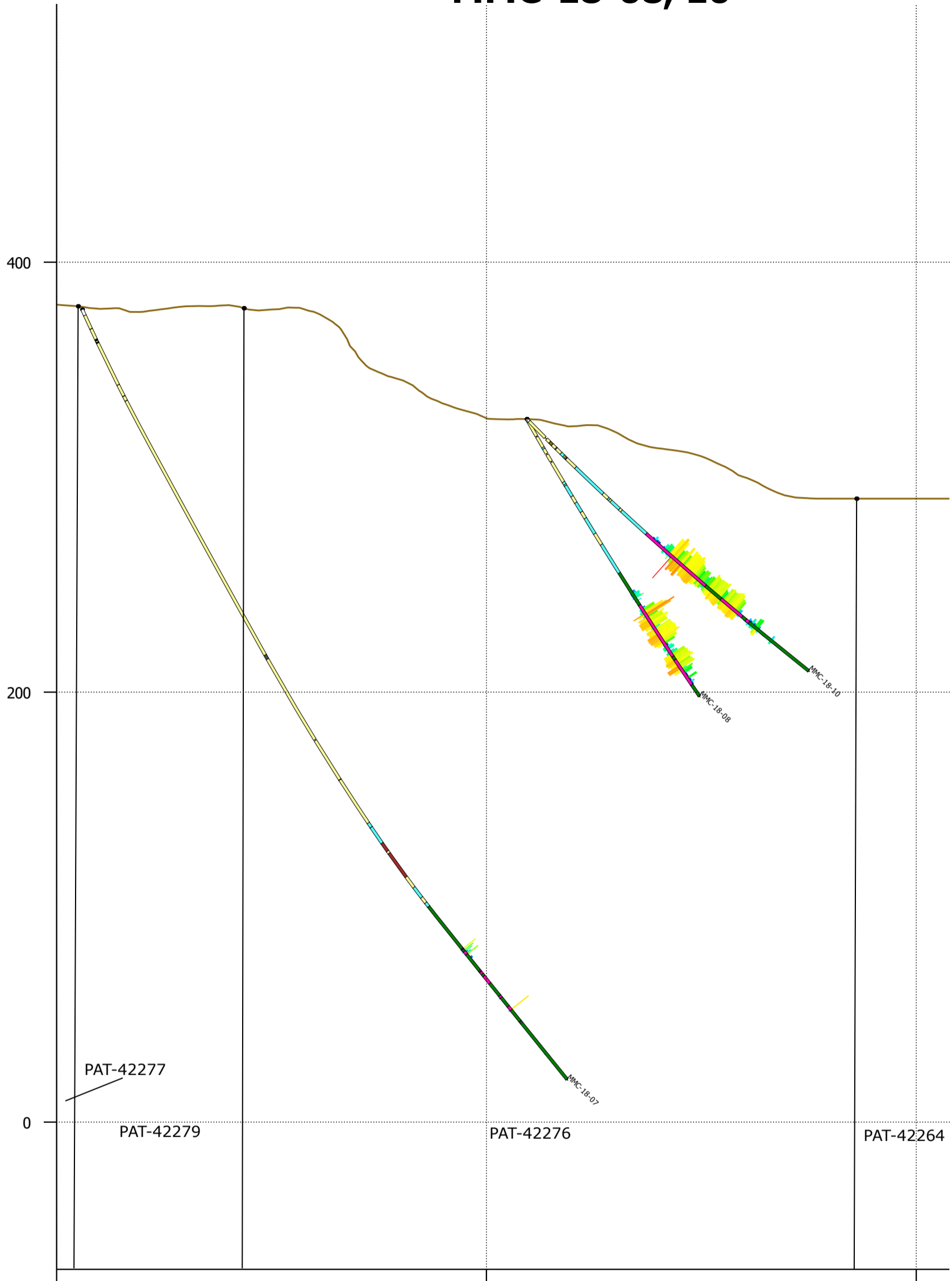
x: 436335  
y: 5133890

x: 436418  
y: 5133707

x: 436500  
y: 5133525

A

# MMC-18-08, 10

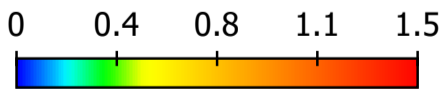


x: 436342  
y: 5133810

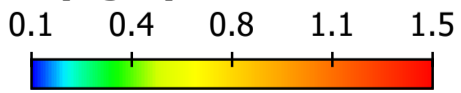
x: 436397  
y: 5133617

x: 436452  
y: 5133425

**Cu % (left)**



**Ni % (right)**



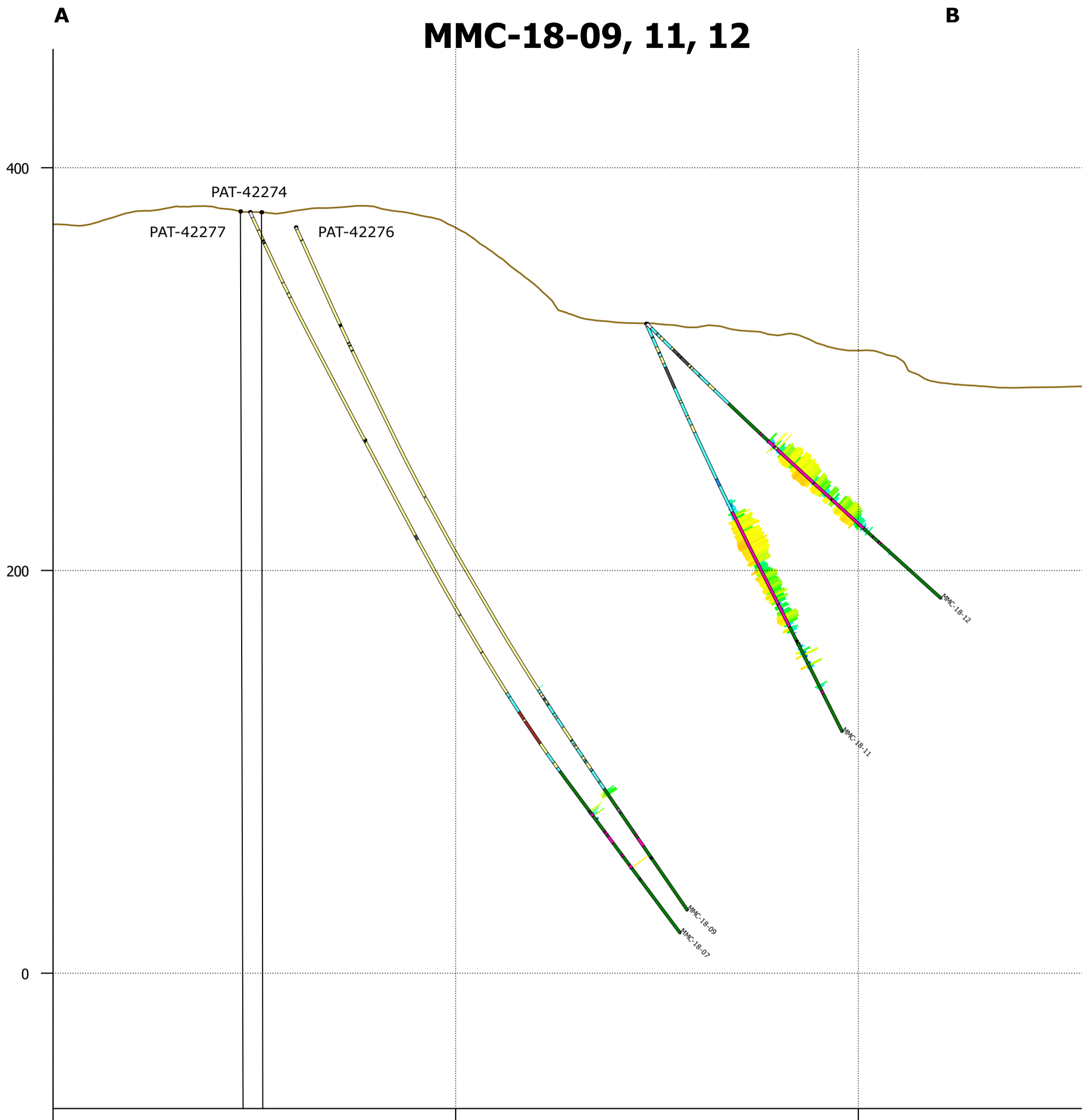
Scale: 1:2,000



**Lithologies**

- |                        |                  |                |                     |
|------------------------|------------------|----------------|---------------------|
| Biotite quartz diorite | Leucogabbro      | Metasediments  | Rheomorphic Breccia |
| Diabase dykes          | Lower Unit       | Overburden     | SHR                 |
| End of hole            | Magmatic breccia | Quartz Diorite | Unknown             |
| FLT                    | Melagabbro       | Quartz Vein    | granitoids          |

# MMC-18-09, 11, 12

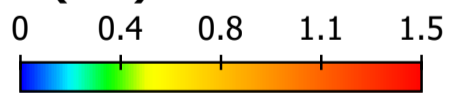


x: 436301  
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x: 436429  
y: 5133718

x: 436556  
y: 5133564

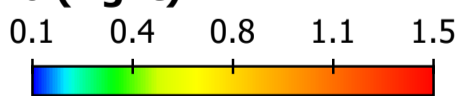
### Cu % (left)



Scale: 1:2,000



### Ni % (right)

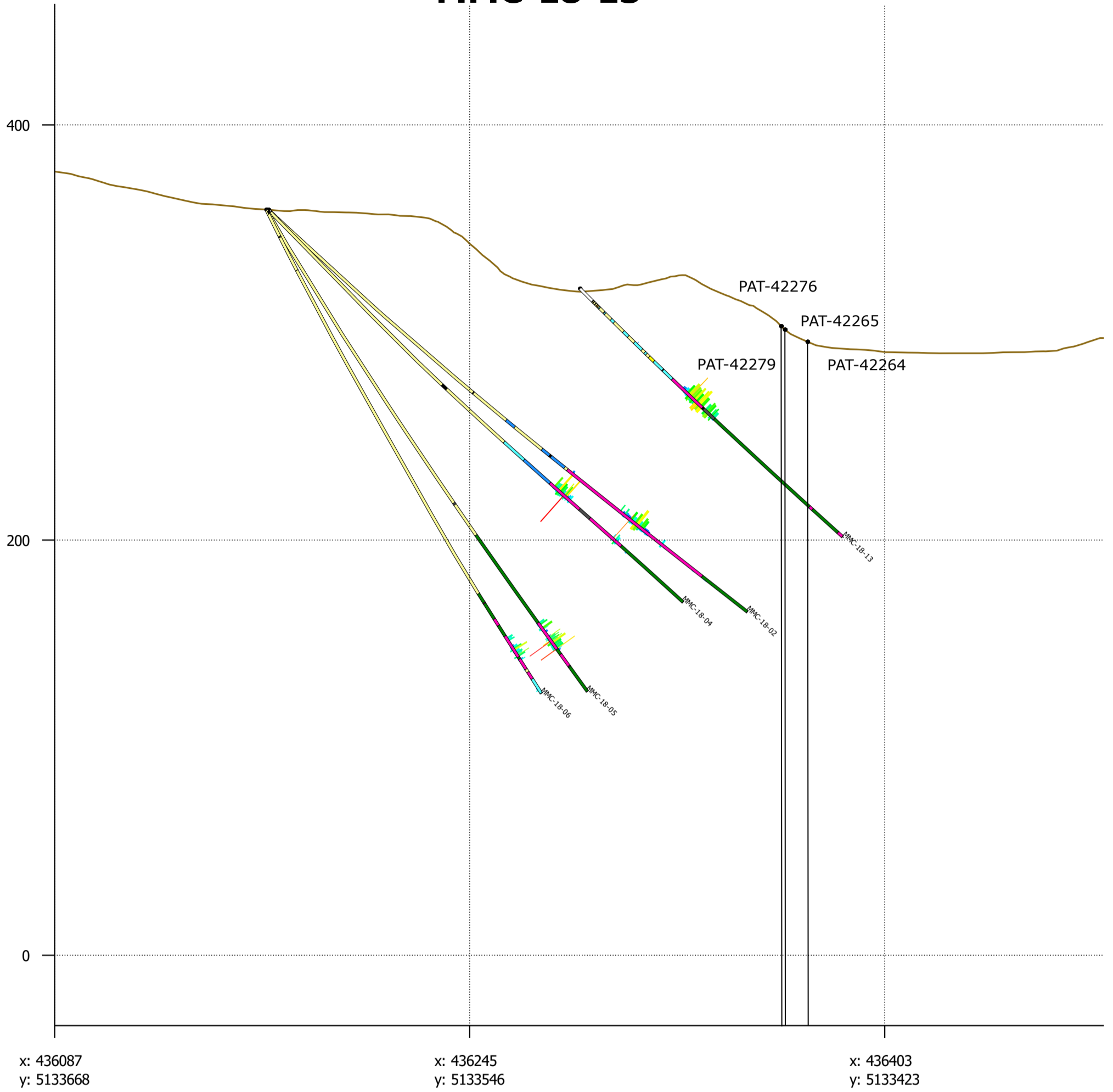
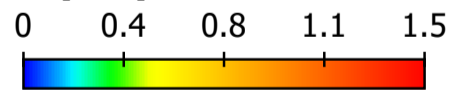


### Lithologies

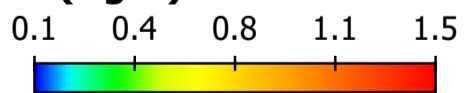
- |                        |                  |                |                     |
|------------------------|------------------|----------------|---------------------|
| Biotite quartz diorite | Leucogabbro      | Metasediments  | Rheomorphic Breccia |
| Diabase dykes          | Lower Unit       | Overburden     | SHR                 |
| End of hole            | Magmatic breccia | Quartz Diorite | Unknown             |
| FLT                    | Melagabbro       | Quartz Vein    | granitoids          |

**A**

# MMC-18-13

**B****Cu % (left)**

Scale: 1:2,000

**Ni % (right)****Lithologies**

Biotite quartz diorite	Leucogabbro	Metasediments	Rheomorphic Breccia
Diabase dykes	Lower Unit	Overburden	SHR
End of hole	Magmatic breccia	Quartz Diorite	Unknown
FLT	Melagabbro	Quartz Vein	granitoids

<b>Hole number</b>	<b>Hole type</b>	<b>Hole size</b>	<b>Logged by</b>	<b>Target</b>	<b>Planned depth</b>	<b>Target Depth</b>	<b>Actual depth</b>
MMC-18-01	DD	NQ	Philippe Trudel & Marshall Hall	300	401	300	401



**Hole number    Core Photos**

MMC-18-01    MMC-18-01\_Header\_Core Photos\_MMC-18-01\_85.13-102.35m\_Bxs\_21-24\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_68.26-85.13m\_Bxs\_17-20\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_170.42-187.76m\_Bxs\_41-44\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_376.04-394.39m\_Bxs\_89-92\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_222.52-239.85m\_Bxs\_53-56\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_119.65-136.73m\_Bxs\_29-32\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_153.75-170.42m\_Bxs\_37-40\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_394.39-401m\_Bxs\_94-95\_dry\_EOH.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_359.95-376.04m\_Bxs\_85-88\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_325.39-3402.22m\_Bxs\_77-80\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_290.90-308.14m\_Bxs\_69-72\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_376.04-394.39m\_Bxs\_89-92\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_136.73-153.75m\_Bxs\_33-36\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_34.63-51.00m\_Bxs\_09-12\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_257.00-273.14m\_Bxs\_61-64\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_340.22-359.95m\_Bxs\_81-84\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_273.14-290.76m\_Bxs\_65-68\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_222.52-239.85m\_Bxs\_53-56\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_51.00-68.26m\_Bxs\_13-16\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_0-16.49m\_Bxs\_01-04\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_34.63-51.00m\_Bxs\_09-12\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_394.39-401m\_Bxs\_94-95\_wet\_EOH.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_187.76-205.2m\_Bxs\_45-48\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_290.90-308.14m\_Bxs\_69-72\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_16.49-34.63m\_Bxs\_05-08\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_51.00-68.26m\_Bxs\_13-16\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_119.65-136.73m\_Bxs\_29-32\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_239.85-257.00m\_Bxs\_57-60\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_325.39-3402.22m\_Bxs\_77-80\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_205.2-222.52m\_Bxs\_49-52\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_257.00-273.14m\_Bxs\_61-64\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_273.14-290.76m\_Bxs\_65-68\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_0-16.49m\_Bxs\_01-04\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_153.75-170.42m\_Bxs\_37-40\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_170.42-187.76m\_Bxs\_41-44\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_68.26-85.13m\_Bxs\_17-20\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_205.2-222.52m\_Bxs\_49-52\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_102.35-119.65m\_Bxs\_25-28\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_85.13-102.35m\_Bxs\_21-24\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_308.14-325.39m\_Bxs\_73-76\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_16.49-34.63m\_Bxs\_05-08\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_308.14-325.39m\_Bxs\_73-76\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_239.85-257.00m\_Bxs\_57-60\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_359.95-376.04m\_Bxs\_85-88\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_136.73-153.75m\_Bxs\_33-36\_dry.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_340.22-359.95m\_Bxs\_81-84\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_187.76-205.2m\_Bxs\_45-48\_wet.JPG | MMC-18-01\_Header\_Core Photos\_MMC-18-01\_102.35-119.65m\_Bxs\_25-28\_wet.JPG

Hole number	coordinates.Type	coordinates.Grid	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting
MMC-18-01	Planned	NAD83 / UTM zone 17N	NAD83 / UTM zone 17N	5133960	5133960	436856

Hole number	converted.coordinates.Easting	coordinates.Elevation	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-01	436856	354	Exp	Mt	Coreshed	PAT-42273	2018-10-25	2018-10-31

<b>Hole number</b>	<b>Comments</b>	<b>Drilling started</b>	<b>Drilling completed</b>	<b>Drilling contractor</b>
MMC-18-01	Cased nearly in bedrock, there was a discrepancy of 25cm in first box such that measuring back from the 2m mark, took us to -0.25m.	2018-10-24	2018-10-29	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-01	0	1.5	Overburden	OB	Collared nearly on bedrock. most of which is metasediment (same as below)
MMC-18-01	1.5	48.8	Metasediments	1A	medium grained sandstone, moderate to thinly bedded with locally sheared portions that seem to be associated with plag phenocrysts (local volcanics?), trace pyrite over section. pebble sized detrital grains can be seen locally across the unit.
MMC-18-01	48.8	70.15	Upper Unit	4D	fine-medium grained, massive texture, weak to moderate foliation locally developed, foliation defined by alignment of plagioclase, trending 40 dtca ; 60% anhedral mafic minerals, 37% anhedral plagioclase (altered to sericite?), 3% anhedral quartz, trace diss Py throughout; rubbly oxidized upper contact and sharp lower contact.
MMC-18-01	70.15	99.06	Metasediments	1A	medium grained sandstone, moderate to thinly bedded with locally sheared portions. unit is intercalated with massive to laminated sandy-siltstones that are blue to grey in colour and a massive to laminated pebbly quartz rich sandstone that is grey to beige in colour. Trace py>>cp can be seen occasionally along fracture planes throughout unit. Quartz veins are uncommon across the section typically trending around 50dtca. Local shear with quartz veining and trace Py at 75.70m. Lower contact with gabbros is marked by ~25cm shearzone with quartz veining and trace cppo.
MMC-18-01	99.06	103.9	Upper Unit	4D	F., to m.g., massive, equigranular, light grey/blue with trace bt and amphibole. plagioclase is interstitial and sub-mm. Ratio of minerals is ~60% bt/amp and 40% plag; po occurs as trace disseminations throughout the unit reaching up to 0.25% locally.
MMC-18-01	103.9	105.48	Metasediments	1A	m.g., sandstone, equigranular, rounded, equant grains of quartz, matrix of sericite
MMC-18-01	105.48	108.09	Upper Unit	4D	medium grained, massive equigranular texture, weak foliation, ~ 60% dark green mafic minerals, ~35% plagioclase, 5% blue quartz grains; mafic minerals ~1 mm, plagioclase is sub-mm, most quartz grains are sub-mm but some are ~3 mm. Trace sub-mm Po throughout.
MMC-18-01	108.09	131	Metasediments	1B	medium-grained sandstone interbedded with siltstone, equigranular, larger grains of quartz and plagioclase feldspar visible ~1 mm in size.
MMC-18-01	131	144.29	Upper Unit	4C	medium-coarse grained gabbro, 65% plagioclase, 30% mafic minerals, 5% quartz; quartz is equant, anhedral, sub-mm, sometimes is bluish; plagioclase is equant, anhedral to subhedral, 1-3 mm in size, larger phenocrysts are subhedral, some larger grains may be glomerocrysts?; mafic minerals are anhedral, ~1 mm, likely chloritized amphibole; massive texture; trace Py and Po throughout; rubbly upper contact and strongly foliated lower contact.
MMC-18-01	144.29	243.48	Metasediments	1A	medium-grained sandstone interbedded with siltstone (grey to blue), and local quartz rich portions (white to beige), equigranular, larger grains of quartz and plagioclase feldspar visible ~1 mm in size.
MMC-18-01	243.48	243.82	Structure	SHR	zone of strongly developed foliation within sediments. Fabric trends 75dtca
MMC-18-01	243.82	252.14	Metasediments	1A	Similar to previous. medium-grained sandstone interbedded with siltstone (grey to blue), and local quartz rich portions (white to beige), equigranular, larger grains of quartz and plagioclase feldspar visible ~1 mm in size
MMC-18-01	252.14	257	Upper Unit	4D	M.g., to c.g., that is finer grained along contacts and coarsens inwards, relatively homogenous, equigranular, composed largely of anhedral-interstitial plag (40-50%), anhedral bt (30-40) with some amphiboles. Locally a weak foliation is developed at 55dtca. Lower contact occurs in zone of broken core by drill torquing
MMC-18-01	257	260.92	Metasediments	2A	Dark, blue to grey, m.g.,-f.g., sandy-siltstone interbedded with minor sandy beds (possible gabbros), and is locally hornfised towards lower contact.
MMC-18-01	260.92	263.5	Upper Unit	4D	F.g., dark blue to grey with small porphyritic patches with a white matrix and black phenocrysts (amp?). Trace mineralization can be seen from 262.5-263m (pocp, associated with plag rich zones) also occurring here is a fine grained white-pink-milky textured partial melt looking irregular veins. Lower contact is gradational with underlying coarse gabbro and seems to occur in zone of torqued core
MMC-18-01	263.5	275.86	Lower Unit	3A	C.g., medium blue-green-grey, 60% amp to 40% plag, with the former being sub-hedral almost acicular grains reaching 1cm in length and the plag occurring interstitially. Locally zones of are more felsic (over 50% plag) and these are often associated with pocp mineralization (trace amounts). Trace disseminations of po are seen across the unit. Lower contact to qtz vein is 20 dtca to sub-parallel to ca
MMC-18-01	275.86	277.68	Veining	QV	White-bull quartz with weak-moderate chlorite veining and up to 2% sulfides associated with the vein. It trends sub-parallel to core-axis and true width is estimated to be <50cm (if not <20cm). Large portions of this unit are 50/50 split qtz and N. Gab, the latter of which contains up to 0.5% disseminated sulfides. Upper 50cm of unit has a strong brecciated texture.
MMC-18-01	277.68	278.62	Lower Unit	3B	Same as previous unit. Overall unit is relatively homogenous and composed of 60/40 mafics (amps)/ Felsics (plag and qtz). It has a flame texture with acicular to tabular amp and interstitial plag. Po is disseminated in trace amounts across the unit. Locally there are more leucocratic patches with elevated plag contents associated with mineralization and an occasional pegmatitic section.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
					<p>Same as previous unit.</p> <p>Overall unit is relatively homogenous and composed of 60/40 mafics (amps)/ Felsics (plag). It has a flame texture with acicular to tabular amp and interstitial plag. Po is disseminated in trace amounts across the unit. Locally there are more leucocratic patches with elevated plag contents associated with mineralization and an occasional pegmatitic section.</p> <p>From 329.5 to 331m half the core is a leucocratic phase of gabbro with 60% plag and 1-2mm bt grains</p>
MMC-18-01	278.62	400.99	Lower Unit	3A	At ~372m the unit becomes finer grained and more grey. It also shows the start of more pervasive qtz/carb veining sub-parallel and perpendicular to ca.
MMC-18-01	400.99	401	End of hole	End of hole	

Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A
MMC-18-01	14	15	S00354001	Original	Training sample, not submitted for assay	
MMC-18-01	15	16	S00354002	Original	Training sample not submitted for assay	
MMC-18-01	31.12	31.5	S00354003	Original		0.5
MMC-18-01	59.05	59.52	S00354004	Original		0.5
MMC-18-01	75.6	76.08	S00354005	Original		0.5
MMC-18-01	92	93.11	S00354006	Original	qtz vns with sulfides in shear	0.5
MMC-18-01	97.5	98.66	S00354007	Original	shoulder	0.5
MMC-18-01	98.66	99.04	S00354008	Original	ccp in qtz vn with shear	0.5
MMC-18-01	99.04	100	S00354009	Original	0.1% po	0.5
MMC-18-01			S00354010	Control		0.5
MMC-18-01	100	101	S00354011	Original	0.1% po	0.5
MMC-18-01	101	102.03	S00354012	Original	0.1% po	0.5
MMC-18-01	102.03	102.76	S00354013	Original	0.1% po	0.5
MMC-18-01	102.76	103.82	S00354014	Original	0.1% po	0.5
MMC-18-01	103.82	104.45	S00354015	Original		0.5
MMC-18-01	104.45	105.48	S00354016	Original		0.5
MMC-18-01	105.48	106.48	S00354017	Original		0.5
MMC-18-01	106.48	107.5	S00354018	Original		0.5
MMC-18-01	107.5	108.09	S00354019	Original		0.5
MMC-18-01			S00354020	Control		1
MMC-18-01	108.09	109.07	S00354021	Original		0.5
MMC-18-01	113.42	113.81	S00354022	Original	trace py in metasediments	0.5
MMC-18-01	129.66	131	S00354023	Original	shoulder	0.5
MMC-18-01	131	132.01	S00354024	Original		0.5
MMC-18-01	132.01	133.03	S00354025	Original	trace po and py	0.5
MMC-18-01	133.03	134.06	S00354026	Original		0.5
MMC-18-01	134.06	134.96	S00354027	Original		0.5
MMC-18-01	134.96	136.14	S00354028	Original		0.5
MMC-18-01	136.14	137.09	S00354029	Original		0.5
MMC-18-01	136.14	137.09	S00354030	FieldDup		0.5
MMC-18-01	137.09	138.12	S00354031	Original		0.5
MMC-18-01	138.12	139.1	S00354032	Original		1
MMC-18-01	139.1	139.96	S00354033	Original		0.5
MMC-18-01	139.96	141.15	S00354034	Original		0.5
MMC-18-01	141.15	142.3	S00354035	Original		0.5
MMC-18-01	142.3	143.32	S00354036	Original		0.5
MMC-18-01	143.32	144.29	S00354037	Original		0.5
MMC-18-01	144.29	145.29	S00354038	Original		0.5
MMC-18-01	167.41	167.74	S00354039	Original	trace po	0.5
MMC-18-01			S00354040	Control	Standard got mixed up. Should've been a CDN-1208. has been corrected from a CDN 1310	4
MMC-18-01	178.9	179.04	S00354041	Original		0.5
MMC-18-01	181.11	182.01	S00354042	Original		0.5
MMC-18-01	221	221.54	S00354043	Original	shearzone with py	0.5
MMC-18-01	241.33	242	S00354044	Original	trace po in qtz vn	0.5
MMC-18-01	243.48	243.82	S00354045	Original	shear	0.5

Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	Original	shoulder	0.5
MMC-18-01	262.52	263	S00354047	Original	trace pocp	0.5
MMC-18-01	263	263.5	S00354048	Original	continuity	0.5
MMC-18-01	263.5	264.14	S00354049	Original	0.5% sulfide	0.5
MMC-18-01			S00354050	Control		0.5
MMC-18-01	264.14	265.27	S00354051	Original	trace sulfide	0.5
MMC-18-01	265.27	265.62	S00354052	Original	qtz vn with 1% po	0.5
MMC-18-01	265.62	266.68	S00354053	Original	shoulder	0.5
MMC-18-01	266.68	269.51	S00354054	Original	shoulder	0.5
MMC-18-01	269.51	269.89	S00354055	Original	0.5% sulfide	0.5
MMC-18-01	269.89	272	S00354056	Original	shoulder	0.5
MMC-18-01	272	272.98	S00354057	Original	trace disseminated po	0.5
MMC-18-01	272.98	274	S00354058	Original	trace po	0.5
MMC-18-01	274	275	S00354059	Original		0.5
MMC-18-01			S00354060	Control		0.5
MMC-18-01	275	275.74	S00354061	Original	trace po	0.5
MMC-18-01	275.74	276.67	S00354062	Original	up to 2% sulfide	0.5
MMC-18-01	276.67	277.7	S00354063	Original	1% sulfide in qtz vn	0.5
MMC-18-01	277.7	278.62	S00354064	Original	1% po disseminated	0.5
MMC-18-01	278.62	279.61	S00354065	Original	0.5% po	0.5
MMC-18-01	279.61	280.61	S00354066	Original	carb vns with diss sulfides	0.5
MMC-18-01	280.61	281.52	S00354067	Original	trace sulfide in chl vns	0.5
MMC-18-01	281.52	282.39	S00354068	Original	0.5% sulf	0.5
MMC-18-01	282.39	282.93	S00354069	Original	pocp in chl vns	0.5
MMC-18-01			S00354070	Control		1
MMC-18-01	282.93	283.99	S00354071	Original	1% sulfide	0.5
MMC-18-01	283.99	284.67	S00354072	Original	trace sulfides	0.5
MMC-18-01	284.67	285.13	S00354073	Original	trace sulfides	0.5
MMC-18-01	285.13	286.17	S00354074	Original	shoulder	0.5
MMC-18-01	307.21	308.51	S00354075	Original		0.5
MMC-18-01	314.7	315.25	S00354076	Original	trace cp in qtz	0.5
MMC-18-01	318.5	319.09	S00354077	Original	qtz vns	0.5



Hole number	From	To	Sample Number	Al % GE_IMS90A	As ppm GE_IMS90A	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A
MMC-18-01	14	15	S00354001						
MMC-18-01	15	16	S00354002						
MMC-18-01	31.12	31.5	S00354003	2.2	15	3	190	0.5	0.1
MMC-18-01	59.05	59.52	S00354004	7.34	4	3	550	1	0.2
MMC-18-01	75.6	76.08	S00354005	5.76	1.5	0.5	500	1	0.05
MMC-18-01	92	93.11	S00354006	3.1	7	0.5	360	0.5	0.05
MMC-18-01	97.5	98.66	S00354007	2.89	1.5	0.5	300	0.5	0.05
MMC-18-01	98.66	99.04	S00354008	7.19	4	0.5	710	1	0.05
MMC-18-01	99.04	100	S00354009	6.5	1.5	0.5	530	0.5	0.05
MMC-18-01			S00354010	8.39	1.5	2	570	0.5	0.1
MMC-18-01	100	101	S00354011	7.3	1.5	0.5	560	1	0.1
MMC-18-01	101	102.03	S00354012	7.49	5	0.5	610	1	0.05
MMC-18-01	102.03	102.76	S00354013	8.11	11	0.5	690	2	0.05
MMC-18-01	102.76	103.82	S00354014	9.05	12	1	830	2	0.05
MMC-18-01	103.82	104.45	S00354015	4.06	4	0.5	270	0.5	0.05
MMC-18-01	104.45	105.48	S00354016	3.91	1.5	0.5	300	0.5	0.05
MMC-18-01	105.48	106.48	S00354017	9.1	7	0.5	580	2	0.05
MMC-18-01	106.48	107.5	S00354018	8.66	7	0.5	600	2	0.05
MMC-18-01	107.5	108.09	S00354019	6.39	8	0.5	460	1	0.1
MMC-18-01			S00354020	2.75	226	55	80	0.5	0.2
MMC-18-01	108.09	109.07	S00354021	2.79	6	0.5	260	0.5	0.05
MMC-18-01	113.42	113.81	S00354022	8.24	1.5	0.5	590	2	0.05
MMC-18-01	129.66	131	S00354023	4	8	6	470	0.5	0.05
MMC-18-01	131	132.01	S00354024	2.58	1.5	0.5	300	0.5	0.05
MMC-18-01	132.01	133.03	S00354025	8.18	1.5	0.5	590	2	0.05
MMC-18-01	133.03	134.06	S00354026	9.43	5	0.5	630	2	0.05
MMC-18-01	134.06	134.96	S00354027	9.51	6	0.5	590	2	0.05
MMC-18-01	134.96	136.14	S00354028	9.7	1.5	0.5	610	2	0.05
MMC-18-01	136.14	137.09	S00354029	9.63	4	0.5	580	2	0.05
MMC-18-01	136.14	137.09	S00354030	9.99	1.5	0.5	580	2	0.05
MMC-18-01	137.09	138.12	S00354031	9.69	1.5	0.5	500	2	0.05
MMC-18-01	138.12	139.1	S00354032	9.78	4	0.5	540	2	0.05
MMC-18-01	139.1	139.96	S00354033	9.89	1.5	1	550	2	0.05
MMC-18-01	139.96	141.15	S00354034	9.83	1.5	0.5	550	2	0.05
MMC-18-01	141.15	142.3	S00354035	9.63	1.5	0.5	480	2	0.05
MMC-18-01	142.3	143.32	S00354036	9.9	4	0.5	590	2	0.05
MMC-18-01	143.32	144.29	S00354037	9.61	1.5	0.5	540	2	0.05
MMC-18-01	144.29	145.29	S00354038	6.06	1.5	0.5	460	1	0.05
MMC-18-01	167.41	167.74	S00354039	2.31	1.5	0.5	260	0.5	0.2
MMC-18-01			S00354040	5.32	14	239	110	0.5	0.8
MMC-18-01	178.9	179.04	S00354041	7.31	4	0.5	690	2	0.3
MMC-18-01	181.11	182.01	S00354042	5.72	4	0.5	610	1	0.05
MMC-18-01	221	221.54	S00354043	4.34	3	0.5	250	1	0.2
MMC-18-01	241.33	242	S00354044	4.8	1.5	0.5	410	0.5	0.05
MMC-18-01	243.48	243.82	S00354045	8.08	1.5	0.5	690	2	0.05

Hole number	From	To	Sample Number	Al % GE_IMS90A	As ppm GE_IMS90A	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	4.75	1.5	0.5	110	0.5	0.05
MMC-18-01	262.52	263	S00354047	5.99	4	0.5	220	0.5	0.1
MMC-18-01	263	263.5	S00354048	7.31	6	4	250	0.5	0.2
MMC-18-01	263.5	264.14	S00354049	7.14	4	3	120	1	0.1
MMC-18-01			S00354050	8.58	3	0.5	600	0.5	0.1
MMC-18-01	264.14	265.27	S00354051	7.14	5	4	180	1	0.1
MMC-18-01	265.27	265.62	S00354052	6.07	1.5	5	230	0.5	0.2
MMC-18-01	265.62	266.68	S00354053	7.1	5	3	220	0.5	0.1
MMC-18-01	266.68	269.51	S00354054	7.34	7	3	230	0.5	0.1
MMC-18-01	269.51	269.89	S00354055	7.38	4	4	230	0.5	0.1
MMC-18-01	269.89	272	S00354056	7.12	7	4	230	1	0.1
MMC-18-01	272	272.98	S00354057	7.28	4	3	230	0.5	0.1
MMC-18-01	272.98	274	S00354058	7.43	4	5	210	1	0.1
MMC-18-01	274	275	S00354059	7.7	1.5	36	310	0.5	0.5
MMC-18-01			S00354060	8.91	4	3	610	0.5	0.1
MMC-18-01	275	275.74	S00354061	8.4	1.5	8	240	1	0.2
MMC-18-01	275.74	276.67	S00354062	3.45	1.5	4	120	0.5	0.1
MMC-18-01	276.67	277.7	S00354063	3.29	1.5	4	40	0.5	0.1
MMC-18-01	277.7	278.62	S00354064	7.62	1.5	6	130	0.5	0.2
MMC-18-01	278.62	279.61	S00354065	7.31	4	9	390	1	0.2
MMC-18-01	279.61	280.61	S00354066	7.67	8	8	260	0.5	0.2
MMC-18-01	280.61	281.52	S00354067	7.37	5	2	90	0.5	0.2
MMC-18-01	281.52	282.39	S00354068	7.11	3	7	120	0.5	0.2
MMC-18-01	282.39	282.93	S00354069	7.19	1.5	25	40	0.5	0.4
MMC-18-01			S00354070	2.91	232	54	90	0.5	0.1
MMC-18-01	282.93	283.99	S00354071	7.13	1.5	5	90	0.5	0.2
MMC-18-01	283.99	284.67	S00354072	7.32	5	17	160	1	0.2
MMC-18-01	284.67	285.13	S00354073	7.57	5	4	160	0.5	0.2
MMC-18-01	285.13	286.17	S00354074	7.9	11	3	170	0.5	0.2
MMC-18-01	307.21	308.51	S00354075	8.16	25	9	60	0.5	0.3
MMC-18-01	314.7	315.25	S00354076	7.45	6	3	30	0.5	0.1
MMC-18-01	318.5	319.09	S00354077	7.69	1.5	6	110	0.5	0.05

Hole number	From	To	Sample Number	Ca % GE_IMS90A	Cd ppm GE_IMS90A	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A
MMC-18-01	14	15	S00354001					
MMC-18-01	15	16	S00354002					
MMC-18-01	31.12	31.5	S00354003	0.05	0.1	5.1	23	1.2
MMC-18-01	59.05	59.52	S00354004	0.7	0.1	20	56	1.7
MMC-18-01	75.6	76.08	S00354005	0.2	0.6	8.1	95	1
MMC-18-01	92	93.11	S00354006	0.1	0.1	8	81	0.6
MMC-18-01	97.5	98.66	S00354007	0.2	0.2	4.3	63	0.4
MMC-18-01	98.66	99.04	S00354008	0.5	0.1	7.9	94	1.3
MMC-18-01	99.04	100	S00354009	0.5	0.1	6.8	45	1.1
MMC-18-01			S00354010	4.1	0.1	15.2	24	0.8
MMC-18-01	100	101	S00354011	0.8	0.1	8.1	39	1.3
MMC-18-01	101	102.03	S00354012	0.8	0.1	9.6	35	1.1
MMC-18-01	102.03	102.76	S00354013	1.1	0.1	15.5	58	2.2
MMC-18-01	102.76	103.82	S00354014	0.9	0.1	18	135	2.1
MMC-18-01	103.82	104.45	S00354015	0.7	0.1	4.8	35	0.8
MMC-18-01	104.45	105.48	S00354016	0.7	0.1	3.5	69	0.7
MMC-18-01	105.48	106.48	S00354017	0.9	0.1	21.6	131	3.4
MMC-18-01	106.48	107.5	S00354018	1	0.1	20.9	105	3.9
MMC-18-01	107.5	108.09	S00354019	1.6	0.1	17.9	114	2.7
MMC-18-01			S00354020	3.1	0.4	206	2850	2.4
MMC-18-01	108.09	109.07	S00354021	0.2	0.1	5.7	48	0.3
MMC-18-01	113.42	113.81	S00354022	0.7	0.1	10.4	132	2.1
MMC-18-01	129.66	131	S00354023	0.05	0.1	9.2	66	1
MMC-18-01	131	132.01	S00354024	0.2	0.1	4.9	40	0.7
MMC-18-01	132.01	133.03	S00354025	1.6	1.1	16.8	77	2.7
MMC-18-01	133.03	134.06	S00354026	2.1	0.1	20.8	96	1.8
MMC-18-01	134.06	134.96	S00354027	2	0.1	22.9	91	1.5
MMC-18-01	134.96	136.14	S00354028	2.2	0.1	23.1	89	1.4
MMC-18-01	136.14	137.09	S00354029	2.3	0.1	23.4	89	1.4
MMC-18-01	136.14	137.09	S00354030	2.3	0.1	22.5	89	1.2
MMC-18-01	137.09	138.12	S00354031	2.8	0.1	22.6	99	1.7
MMC-18-01	138.12	139.1	S00354032	2.2	0.1	23.1	110	1.5
MMC-18-01	139.1	139.96	S00354033	2.3	0.1	22.9	117	1.6
MMC-18-01	139.96	141.15	S00354034	2.2	0.1	22.7	123	1.7
MMC-18-01	141.15	142.3	S00354035	2	0.1	22	106	1.4
MMC-18-01	142.3	143.32	S00354036	1.7	0.1	22.8	129	3.1
MMC-18-01	143.32	144.29	S00354037	1.5	0.1	22.7	122	2.5
MMC-18-01	144.29	145.29	S00354038	0.3	0.1	7.4	85	1.5
MMC-18-01	167.41	167.74	S00354039	0.05	0.2	4.7	40	0.7
MMC-18-01			S00354040	3.3	2	1030	315	0.6
MMC-18-01	178.9	179.04	S00354041	0.05	1.9	23.4	191	1.7
MMC-18-01	181.11	182.01	S00354042	0.05	0.1	7.7	103	1
MMC-18-01	221	221.54	S00354043	4	0.1	21.7	160	5
MMC-18-01	241.33	242	S00354044	0.3	0.1	6.2	66	0.8
MMC-18-01	243.48	243.82	S00354045	0.1	0.1	10.1	104	2.6

Hole number	From	To	Sample Number	Ca % GE_IMS90A	Cd ppm GE_IMS90A	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	0.4	0.1	7.6	104	0.5
MMC-18-01	262.52	263	S00354047	1.3	0.1	28.9	241	2.8
MMC-18-01	263	263.5	S00354048	5.8	0.1	47.7	35	3.4
MMC-18-01	263.5	264.14	S00354049	5.6	0.1	48.8	26	1.2
MMC-18-01			S00354050	4.3	0.1	14.2	30	0.8
MMC-18-01	264.14	265.27	S00354051	5.5	0.1	44	20	1.4
MMC-18-01	265.27	265.62	S00354052	5.7	0.1	49	15	3.8
MMC-18-01	265.62	266.68	S00354053	5.9	0.1	49.3	26	3.2
MMC-18-01	266.68	269.51	S00354054	5.9	0.1	49.5	25	2.5
MMC-18-01	269.51	269.89	S00354055	6	0.1	50.8	23	2.4
MMC-18-01	269.89	272	S00354056	5.7	0.1	49.8	19	2.7
MMC-18-01	272	272.98	S00354057	6.6	0.1	47.8	20	2.5
MMC-18-01	272.98	274	S00354058	6	0.1	46.4	15	2.5
MMC-18-01	274	275	S00354059	5.5	0.2	50.1	20	5.2
MMC-18-01			S00354060	4.4	0.1	14.3	26	0.5
MMC-18-01	275	275.74	S00354061	5.7	0.2	47.2	33	3.6
MMC-18-01	275.74	276.67	S00354062	7.2	0.2	53.9	48	1.4
MMC-18-01	276.67	277.7	S00354063	3.1	0.2	16.4	68	0.05
MMC-18-01	277.7	278.62	S00354064	4.6	0.1	48.8	25	1.8
MMC-18-01	278.62	279.61	S00354065	4.2	0.1	49.2	25	7.4
MMC-18-01	279.61	280.61	S00354066	6.3	0.1	45.7	35	4.7
MMC-18-01	280.61	281.52	S00354067	8.2	0.1	29.5	40	0.9
MMC-18-01	281.52	282.39	S00354068	7.2	0.2	42.4	15	1.7
MMC-18-01	282.39	282.93	S00354069	8.3	0.1	54.2	13	0.5
MMC-18-01			S00354070	3.3	0.4	199	3040	2.3
MMC-18-01	282.93	283.99	S00354071	6	0.1	50.7	10	1
MMC-18-01	283.99	284.67	S00354072	4.9	0.2	43.8	32	2.1
MMC-18-01	284.67	285.13	S00354073	5.7	0.2	53.9	53	2.4
MMC-18-01	285.13	286.17	S00354074	6.6	0.3	45.4	49	1.4
MMC-18-01	307.21	308.51	S00354075	8.6	0.1	49.1	46	0.3
MMC-18-01	314.7	315.25	S00354076	7	0.1	41.5	44	0.05
MMC-18-01	318.5	319.09	S00354077	6.7	0.3	46.1	51	1.4

Hole number	From	To	Sample Number	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A	La ppm GE_IMS90A	Li ppm GE_IMS90A
MMC-18-01	14	15	S00354001						
MMC-18-01	15	16	S00354002						
MMC-18-01	31.12	31.5	S00354003	24	1.63		1.7	2.2	10
MMC-18-01	59.05	59.52	S00354004	138	4.01		2.9	31.1	19
MMC-18-01	75.6	76.08	S00354005	47	2.14		3	11.9	13
MMC-18-01	92	93.11	S00354006	32	1.15		2.1	7.9	9
MMC-18-01	97.5	98.66	S00354007	33	1.03		1.3	8.5	6
MMC-18-01	98.66	99.04	S00354008	27	1.83		3.3	16.9	15
MMC-18-01	99.04	100	S00354009	21	1.75		2.5	30.9	10
MMC-18-01			S00354010	108	4.96		1.3	11.5	9
MMC-18-01	100	101	S00354011	30	2.12		2.6	30.9	11
MMC-18-01	101	102.03	S00354012	21	2.12		2.6	34.1	11
MMC-18-01	102.03	102.76	S00354013	13	3.51		3.8	38.5	16
MMC-18-01	102.76	103.82	S00354014	23	3.55		4.1	30.8	21
MMC-18-01	103.82	104.45	S00354015	11	1.24		1.5	9.9	7
MMC-18-01	104.45	105.48	S00354016	14	1.14		1.7	13.8	6
MMC-18-01	105.48	106.48	S00354017	9	5.05		4.5	30.1	26
MMC-18-01	106.48	107.5	S00354018	19	4.44		4.4	29.6	24
MMC-18-01	107.5	108.09	S00354019	13	3.51		3.6	14.2	19
MMC-18-01			S00354020	2700	11.2		0.2	3.7	30
MMC-18-01	108.09	109.07	S00354021	18	0.97		1.3	7.4	7
MMC-18-01	113.42	113.81	S00354022	16	2.78		4.1	42.1	20
MMC-18-01	129.66	131	S00354023	29	1.33		2.1	8.5	11
MMC-18-01	131	132.01	S00354024	23	1.13		1	10.6	8
MMC-18-01	132.01	133.03	S00354025	22	3.83		3.2	37	18
MMC-18-01	133.03	134.06	S00354026	6	4.24		3.1	39.4	18
MMC-18-01	134.06	134.96	S00354027	6	4.26		2.8	39.3	19
MMC-18-01	134.96	136.14	S00354028	8	4.55		2.8	38.2	19
MMC-18-01	136.14	137.09	S00354029	7	4.56		2.7	37.2	17
MMC-18-01	136.14	137.09	S00354030	6	4.48		2.6	38.8	17
MMC-18-01	137.09	138.12	S00354031	8	4.44		2.6	34.9	18
MMC-18-01	138.12	139.1	S00354032	10	4.58		2.8	39.4	17
MMC-18-01	139.1	139.96	S00354033	13	4.58		2.7	37.1	18
MMC-18-01	139.96	141.15	S00354034	9	4.54		3	36.3	19
MMC-18-01	141.15	142.3	S00354035	8	4.28		2.5	35	17
MMC-18-01	142.3	143.32	S00354036	9	4.63		3.7	33.7	24
MMC-18-01	143.32	144.29	S00354037	11	4.59		3.3	32.5	22
MMC-18-01	144.29	145.29	S00354038	19	1.93		2.7	22.8	18
MMC-18-01	167.41	167.74	S00354039	28	0.98		1.8	4.3	8
MMC-18-01			S00354040	16300	18.2		0.3	6.9	9
MMC-18-01	178.9	179.04	S00354041	98	2.06		4.5	50.2	13
MMC-18-01	181.11	182.01	S00354042	24	1.64		3.8	17.7	12
MMC-18-01	221	221.54	S00354043	47	5.17		2.5	45.4	32
MMC-18-01	241.33	242	S00354044	26	1.52		2.2	12.3	5
MMC-18-01	243.48	243.82	S00354045	26	3.84		4.1	20.2	14

Hole number	From	To	Sample Number	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A	La ppm GE_IMS90A	Li ppm GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	25	2.37		0.6	22.6	2.5
MMC-18-01	262.52	263	S00354047	185	5.1		1.1	44.6	9
MMC-18-01	263	263.5	S00354048	156	9.79		1.2	16.8	7
MMC-18-01	263.5	264.14	S00354049	200	8.96		0.7	19.7	5
MMC-18-01			S00354050	105	4.88		1.3	12	6
MMC-18-01	264.14	265.27	S00354051	97	9.69		0.8	17.2	6
MMC-18-01	265.27	265.62	S00354052	273	9.31		1.2	16.1	12
MMC-18-01	265.62	266.68	S00354053	180	10.2		1.1	16.6	9
MMC-18-01	266.68	269.51	S00354054	163	9.65		1	17.2	8
MMC-18-01	269.51	269.89	S00354055	199	9.78		1	17.4	9
MMC-18-01	269.89	272	S00354056	210	10.3		1	19.1	2.5
MMC-18-01	272	272.98	S00354057	183	10.2		1.1	18.6	11
MMC-18-01	272.98	274	S00354058	191	9.95		1	18.2	7
MMC-18-01	274	275	S00354059	411	10		1.6	16.7	18
MMC-18-01			S00354060	105	4.96		1.4	11.9	6
MMC-18-01	275	275.74	S00354061	524	9.34		1.1	19.1	19
MMC-18-01	275.74	276.67	S00354062	489	5.78		0.5	7.6	6
MMC-18-01	276.67	277.7	S00354063	182	3.37		0.1	7.2	2.5
MMC-18-01	277.7	278.62	S00354064	248	10.1		0.7	17	20
MMC-18-01	278.62	279.61	S00354065	135	11		2	18.3	20
MMC-18-01	279.61	280.61	S00354066	73	10.1		1.5	15.9	15
MMC-18-01	280.61	281.52	S00354067	128	7.91		0.4	17.7	6
MMC-18-01	281.52	282.39	S00354068	281	9.12		0.6	23.9	10
MMC-18-01	282.39	282.93	S00354069	395	6.93		0.2	24.4	2.5
MMC-18-01			S00354070	2800	11.6		0.2	3.8	26
MMC-18-01	282.93	283.99	S00354071	283	8.7		0.5	27.2	9
MMC-18-01	283.99	284.67	S00354072	115	10.6		0.9	22.6	19
MMC-18-01	284.67	285.13	S00354073	76	11.8		0.9	13.6	24
MMC-18-01	285.13	286.17	S00354074	96	9.11		0.7	13.8	11
MMC-18-01	307.21	308.51	S00354075	83	6.44		0.2	16.3	2.5
MMC-18-01	314.7	315.25	S00354076	145	7.5		0.1	9.3	2.5
MMC-18-01	318.5	319.09	S00354077	75	8.13		0.5	9.6	11

Hole number	From	To	Sample Number	Mg % GE_IMS90A	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A	P % GE_IMS90A
MMC-18-01	14	15	S00354001					
MMC-18-01	15	16	S00354002					
MMC-18-01	31.12	31.5	S00354003	0.37	100	5	11	0.005
MMC-18-01	59.05	59.52	S00354004	0.97	280	1	20	0.03
MMC-18-01	75.6	76.08	S00354005	0.57	150	3	26	0.01
MMC-18-01	92	93.11	S00354006	0.22	90	4	14	0.04
MMC-18-01	97.5	98.66	S00354007	0.2	80	3	8	0.005
MMC-18-01	98.66	99.04	S00354008	0.51	140	4	14	0.01
MMC-18-01	99.04	100	S00354009	0.46	140	3	14	0.03
MMC-18-01			S00354010	1.67	940	6	18	0.05
MMC-18-01	100	101	S00354011	0.58	170	2	12	0.04
MMC-18-01	101	102.03	S00354012	0.59	160	2	12	0.04
MMC-18-01	102.03	102.76	S00354013	1.11	260	1	19	0.04
MMC-18-01	102.76	103.82	S00354014	1.13	240	3	30	0.05
MMC-18-01	103.82	104.45	S00354015	0.33	120	2	10	0.02
MMC-18-01	104.45	105.48	S00354016	0.28	120	4	10	0.01
MMC-18-01	105.48	106.48	S00354017	1.82	370	1	41	0.04
MMC-18-01	106.48	107.5	S00354018	1.62	340	1	37	0.04
MMC-18-01	107.5	108.09	S00354019	1.3	290	1	35	0.03
MMC-18-01			S00354020	14.3	1300	1	3860	0.03
MMC-18-01	108.09	109.07	S00354021	0.21	80	2	15	0.005
MMC-18-01	113.42	113.81	S00354022	1.06	190	2	22	0.04
MMC-18-01	129.66	131	S00354023	0.39	90	3	11	0.005
MMC-18-01	131	132.01	S00354024	0.22	80	2	9	0.005
MMC-18-01	132.01	133.03	S00354025	1.34	240	13	30	0.05
MMC-18-01	133.03	134.06	S00354026	1.62	280	3	30	0.04
MMC-18-01	134.06	134.96	S00354027	1.7	290	3	30	0.03
MMC-18-01	134.96	136.14	S00354028	1.86	320	1	32	0.03
MMC-18-01	136.14	137.09	S00354029	1.73	350	1	32	0.03
MMC-18-01	136.14	137.09	S00354030	1.74	350	1	31	0.03
MMC-18-01	137.09	138.12	S00354031	1.67	360	1	37	0.03
MMC-18-01	138.12	139.1	S00354032	1.75	380	1	37	0.03
MMC-18-01	139.1	139.96	S00354033	1.77	390	1	37	0.03
MMC-18-01	139.96	141.15	S00354034	1.79	400	1	38	0.03
MMC-18-01	141.15	142.3	S00354035	1.8	370	1	37	0.02
MMC-18-01	142.3	143.32	S00354036	1.91	390	1	39	0.03
MMC-18-01	143.32	144.29	S00354037	1.91	400	1	42	0.02
MMC-18-01	144.29	145.29	S00354038	0.72	130	3	18	0.02
MMC-18-01	167.41	167.74	S00354039	0.25	60	3	9	0.005
MMC-18-01			S00354040	4.2	1000	7	45800	0.04
MMC-18-01	178.9	179.04	S00354041	0.54	70	3	31	0.005
MMC-18-01	181.11	182.01	S00354042	0.57	70	4	21	0.01
MMC-18-01	221	221.54	S00354043	3.01	680	3	88	0.17
MMC-18-01	241.33	242	S00354044	0.45	90	3	16	0.005
MMC-18-01	243.48	243.82	S00354045	1.29	130	1	35	0.04

Hole number	From	To	Sample Number	Mg % GE_IMS90A	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A	P % GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	0.79	170	4	21	0.02
MMC-18-01	262.52	263	S00354047	1.23	430	5	44	0.06
MMC-18-01	263	263.5	S00354048	2.57	1310	2	60	0.05
MMC-18-01	263.5	264.14	S00354049	2.24	1200	1	49	0.05
MMC-18-01			S00354050	1.64	970	5	17	0.05
MMC-18-01	264.14	265.27	S00354051	2.52	1300	1	54	0.04
MMC-18-01	265.27	265.62	S00354052	2.07	1200	1	50	0.04
MMC-18-01	265.62	266.68	S00354053	2.63	1400	1	62	0.04
MMC-18-01	266.68	269.51	S00354054	2.58	1360	1	58	0.04
MMC-18-01	269.51	269.89	S00354055	2.6	1360	1	60	0.04
MMC-18-01	269.89	272	S00354056	2.3	1420	1	50	0.05
MMC-18-01	272	272.98	S00354057	2.44	1410	1	53	0.05
MMC-18-01	272.98	274	S00354058	2.56	1420	1	58	0.05
MMC-18-01	274	275	S00354059	2.79	1200	1	66	0.04
MMC-18-01			S00354060	1.65	980	6	17	0.05
MMC-18-01	275	275.74	S00354061	2.52	1140	1	56	0.05
MMC-18-01	275.74	276.67	S00354062	1.12	780	3	52	0.01
MMC-18-01	276.67	277.7	S00354063	0.77	440	4	25	0.01
MMC-18-01	277.7	278.62	S00354064	2.95	1170	1	59	0.05
MMC-18-01	278.62	279.61	S00354065	2.74	1250	1	58	0.05
MMC-18-01	279.61	280.61	S00354066	2.53	1280	1	66	0.04
MMC-18-01	280.61	281.52	S00354067	1.51	1130	1	34	0.04
MMC-18-01	281.52	282.39	S00354068	1.63	1180	2	33	0.06
MMC-18-01	282.39	282.93	S00354069	0.71	770	1	23	0.06
MMC-18-01			S00354070	14.4	1390	1	4010	0.02
MMC-18-01	282.93	283.99	S00354071	1.38	1070	1	20	0.08
MMC-18-01	283.99	284.67	S00354072	2.53	1240	1	51	0.06
MMC-18-01	284.67	285.13	S00354073	3.23	1460	1	78	0.03
MMC-18-01	285.13	286.17	S00354074	3.09	1330	1	74	0.03
MMC-18-01	307.21	308.51	S00354075	2.68	1060	1	71	0.03
MMC-18-01	314.7	315.25	S00354076	3.5	1210	1	90	0.03
MMC-18-01	318.5	319.09	S00354077	3.87	1310	1	99	0.03



Hole number	From	To	Sample Number	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313
MMC-18-01	14	15	S00354001					
MMC-18-01	15	16	S00354002					
MMC-18-01	31.12	31.5	S00354003	4	0.5	Imported	SD180096	5
MMC-18-01	59.05	59.52	S00354004	8	0.5	Imported	SD180096	5
MMC-18-01	75.6	76.08	S00354005	20	0.5	Imported	SD180096	5
MMC-18-01	92	93.11	S00354006	9	0.5	Imported	SD180096	5
MMC-18-01	97.5	98.66	S00354007	12	0.5	Imported	SD180096	5
MMC-18-01	98.66	99.04	S00354008	8	0.5	Imported	SD180096	5
MMC-18-01	99.04	100	S00354009	8	0.5	Imported	SD180096	5
MMC-18-01			S00354010	7	1	Passed	SD180096	5
MMC-18-01	100	101	S00354011	12	0.5	Imported	SD180096	5
MMC-18-01	101	102.03	S00354012	10	0.5	Imported	SD180096	5
MMC-18-01	102.03	102.76	S00354013	7	0.5	Imported	SD180096	5
MMC-18-01	102.76	103.82	S00354014	8	1	Imported	SD180096	5
MMC-18-01	103.82	104.45	S00354015	6	0.5	Imported	SD180096	5
MMC-18-01	104.45	105.48	S00354016	5	0.5	Imported	SD180096	5
MMC-18-01	105.48	106.48	S00354017	6	1	Imported	SD180096	5
MMC-18-01	106.48	107.5	S00354018	8	1	Imported	SD180096	5
MMC-18-01	107.5	108.09	S00354019	16	1	Imported	SD180096	5
MMC-18-01			S00354020	4	568	Passed	SD180096	450
MMC-18-01	108.09	109.07	S00354021	10	0.5	Imported	SD180096	5
MMC-18-01	113.42	113.81	S00354022	13	0.5	Imported	SD180096	5
MMC-18-01	129.66	131	S00354023	7	0.5	Imported	SD180096	5
MMC-18-01	131	132.01	S00354024	9	0.5	Imported	SD180096	5
MMC-18-01	132.01	133.03	S00354025	12	0.5	Imported	SD180096	5
MMC-18-01	133.03	134.06	S00354026	9	0.5	Imported	SD180096	5
MMC-18-01	134.06	134.96	S00354027	10	1	Imported	SD180096	5
MMC-18-01	134.96	136.14	S00354028	11	0.5	Imported	SD180096	5
MMC-18-01	136.14	137.09	S00354029	10	0.5	Imported	SD180096	5
MMC-18-01	136.14	137.09	S00354030	10	1	Imported	SD180096	5
MMC-18-01	137.09	138.12	S00354031	11	0.5	Imported	SD180096	5
MMC-18-01	138.12	139.1	S00354032	11	1	Imported	SD180096	5
MMC-18-01	139.1	139.96	S00354033	11	1	Imported	SD180096	5
MMC-18-01	139.96	141.15	S00354034	12	1	Imported	SD180096	5
MMC-18-01	141.15	142.3	S00354035	10	1	Imported	SD180096	5
MMC-18-01	142.3	143.32	S00354036	9	1	Imported	SD180096	5
MMC-18-01	143.32	144.29	S00354037	10	1	Imported	SD180096	5
MMC-18-01	144.29	145.29	S00354038	13	0.5	Imported	SD180096	5
MMC-18-01	167.41	167.74	S00354039	9	0.5	Imported	SD180096	5
MMC-18-01			S00354040	13	3590	Passed	SD180096	850
MMC-18-01	178.9	179.04	S00354041	22	1	Imported	SD180097	5
MMC-18-01	181.11	182.01	S00354042	7	0.5	Imported	SD180097	5
MMC-18-01	221	221.54	S00354043	5	0.5	Imported	SD180097	5
MMC-18-01	241.33	242	S00354044	7	0.5	Imported	SD180097	5
MMC-18-01	243.48	243.82	S00354045	14	0.5	Imported	SD180097	5

Hole number	From	To	Sample Number	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313
MMC-18-01	261.52	262.52	S00354046	6	0.5	Imported	SD180097	5
MMC-18-01	262.52	263	S00354047	13	1	Imported	SD180097	5
MMC-18-01	263	263.5	S00354048	8	7	Imported	SD180097	10
MMC-18-01	263.5	264.14	S00354049	9	7	Imported	SD180097	10
MMC-18-01			S00354050	9	1	Passed	SD180097	5
MMC-18-01	264.14	265.27	S00354051	7	8	Imported	SD180097	10
MMC-18-01	265.27	265.62	S00354052	7	9	Imported	SD180097	10
MMC-18-01	265.62	266.68	S00354053	7	8	Imported	SD180097	10
MMC-18-01	266.68	269.51	S00354054	7	6	Imported	SD180097	10
MMC-18-01	269.51	269.89	S00354055	6	9	Imported	SD180097	10
MMC-18-01	269.89	272	S00354056	6	4	Imported	SD180097	5
MMC-18-01	272	272.98	S00354057	7	6	Imported	SD180097	10
MMC-18-01	272.98	274	S00354058	8	8	Imported	SD180097	10
MMC-18-01	274	275	S00354059	8	14	Imported	SD180097	30
MMC-18-01			S00354060	9	1	Passed	SD180097	5
MMC-18-01	275	275.74	S00354061	7	6	Imported	SD180097	20
MMC-18-01	275.74	276.67	S00354062	7	1	Imported	SD180097	5
MMC-18-01	276.67	277.7	S00354063	4	2	Imported	SD180097	5
MMC-18-01	277.7	278.62	S00354064	7	7	Imported	SD180097	10
MMC-18-01	278.62	279.61	S00354065	6	11	Imported	SD180097	20
MMC-18-01	279.61	280.61	S00354066	7	10	Imported	SD180097	20
MMC-18-01	280.61	281.52	S00354067	9	3	Imported	SD180097	5
MMC-18-01	281.52	282.39	S00354068	8	0.5	Imported	SD180097	5
MMC-18-01	282.39	282.93	S00354069	12	0.5	Imported	SD180097	5
MMC-18-01			S00354070	5	523	Passed	SD180097	410
MMC-18-01	282.93	283.99	S00354071	6	0.5	Imported	SD180097	5
MMC-18-01	283.99	284.67	S00354072	16	3	Imported	SD180097	5
MMC-18-01	284.67	285.13	S00354073	11	4	Imported	SD180097	5
MMC-18-01	285.13	286.17	S00354074	8	11	Imported	SD180097	10
MMC-18-01	307.21	308.51	S00354075	9	9	Imported	SD180097	5
MMC-18-01	314.7	315.25	S00354076	9	10	Imported	SD180097	10
MMC-18-01	318.5	319.09	S00354077	7	23	Imported	SD180097	5

Hole number	From	To	Sample Number	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A
MMC-18-01	14	15	S00354001					
MMC-18-01	15	16	S00354002					
MMC-18-01	31.12	31.5	S00354003	Imported	SD180096	0.5	0.5	40
MMC-18-01	59.05	59.52	S00354004	Imported	SD180096	0.5	0.5	34.8
MMC-18-01	75.6	76.08	S00354005	Imported	SD180096	0.5	0.5	38.7
MMC-18-01	92	93.11	S00354006	Imported	SD180096	0.5	0.5	40
MMC-18-01	97.5	98.66	S00354007	Imported	SD180096	0.5	0.5	40
MMC-18-01	98.66	99.04	S00354008	Imported	SD180096	0.5	0.5	34.6
MMC-18-01	99.04	100	S00354009	Imported	SD180096	0.5	0.5	35.3
MMC-18-01			S00354010	Passed	SD180096	0.5	0.5	29.5
MMC-18-01	100	101	S00354011	Imported	SD180096	0.5	0.5	32
MMC-18-01	101	102.03	S00354012	Imported	SD180096	0.5	0.5	34.9
MMC-18-01	102.03	102.76	S00354013	Imported	SD180096	0.5	0.5	30.7
MMC-18-01	102.76	103.82	S00354014	Imported	SD180096	0.5	0.5	30.8
MMC-18-01	103.82	104.45	S00354015	Imported	SD180096	0.5	0.5	40
MMC-18-01	104.45	105.48	S00354016	Imported	SD180096	0.5	0.5	40
MMC-18-01	105.48	106.48	S00354017	Imported	SD180096	0.5	0.5	30.6
MMC-18-01	106.48	107.5	S00354018	Imported	SD180096	0.5	0.5	29.5
MMC-18-01	107.5	108.09	S00354019	Imported	SD180096	0.5	0.5	34.8
MMC-18-01			S00354020	Passed	SD180096	1.67	3	18.5
MMC-18-01	108.09	109.07	S00354021	Imported	SD180096	0.5	0.5	38.9
MMC-18-01	113.42	113.81	S00354022	Imported	SD180096	0.5	0.5	33
MMC-18-01	129.66	131	S00354023	Imported	SD180096	0.5	0.5	40
MMC-18-01	131	132.01	S00354024	Imported	SD180096	0.5	0.5	40
MMC-18-01	132.01	133.03	S00354025	Imported	SD180096	0.5	0.5	31
MMC-18-01	133.03	134.06	S00354026	Imported	SD180096	0.5	0.5	30.4
MMC-18-01	134.06	134.96	S00354027	Imported	SD180096	0.5	0.5	29.7
MMC-18-01	134.96	136.14	S00354028	Imported	SD180096	0.5	0.5	29.6
MMC-18-01	136.14	137.09	S00354029	Imported	SD180096	0.5	0.5	29.9
MMC-18-01	136.14	137.09	S00354030	Imported	SD180096	0.5	0.5	29.3
MMC-18-01	137.09	138.12	S00354031	Imported	SD180096	0.5	0.5	30.8
MMC-18-01	138.12	139.1	S00354032	Imported	SD180096	0.5	0.5	30.7
MMC-18-01	139.1	139.96	S00354033	Imported	SD180096	0.5	0.5	31.4
MMC-18-01	139.96	141.15	S00354034	Imported	SD180096	0.5	0.5	30.1
MMC-18-01	141.15	142.3	S00354035	Imported	SD180096	0.5	0.5	30.6
MMC-18-01	142.3	143.32	S00354036	Imported	SD180096	0.5	0.5	30.6
MMC-18-01	143.32	144.29	S00354037	Imported	SD180096	0.5	0.5	30
MMC-18-01	144.29	145.29	S00354038	Imported	SD180096	0.5	0.5	38.2
MMC-18-01	167.41	167.74	S00354039	Imported	SD180096	0.5	0.5	40
MMC-18-01			S00354040	Passed	SD180096	8.66	3	15.7
MMC-18-01	178.9	179.04	S00354041	Imported	SD180097	0.5	0.5	33.7
MMC-18-01	181.11	182.01	S00354042	Imported	SD180097	0.5	0.5	35.3
MMC-18-01	221	221.54	S00354043	Imported	SD180097	0.5	0.5	27.1
MMC-18-01	241.33	242	S00354044	Imported	SD180097	0.5	0.5	35.5
MMC-18-01	243.48	243.82	S00354045	Imported	SD180097	0.5	0.5	29.1

Hole number	From	To	Sample Number	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	Imported	SD180097	0.5	0.5	35.9
MMC-18-01	262.52	263	S00354047	Imported	SD180097	0.5	0.5	30.7
MMC-18-01	263	263.5	S00354048	Imported	SD180097	0.5	0.5	24.6
MMC-18-01	263.5	264.14	S00354049	Imported	SD180097	0.5	0.5	23.8
MMC-18-01			S00354050	Passed	SD180097	0.5	0.5	27.2
MMC-18-01	264.14	265.27	S00354051	Imported	SD180097	0.5	0.5	23.3
MMC-18-01	265.27	265.62	S00354052	Imported	SD180097	0.5	0.5	24.4
MMC-18-01	265.62	266.68	S00354053	Imported	SD180097	0.5	0.5	24
MMC-18-01	266.68	269.51	S00354054	Imported	SD180097	0.5	0.5	24
MMC-18-01	269.51	269.89	S00354055	Imported	SD180097	0.5	0.5	23.8
MMC-18-01	269.89	272	S00354056	Imported	SD180097	0.5	0.5	23.4
MMC-18-01	272	272.98	S00354057	Imported	SD180097	0.5	0.5	24.1
MMC-18-01	272.98	274	S00354058	Imported	SD180097	0.5	0.5	23.3
MMC-18-01	274	275	S00354059	Imported	SD180097	0.5	0.5	20.7
MMC-18-01			S00354060	Passed	SD180097	0.5	0.5	27.6
MMC-18-01	275	275.74	S00354061	Imported	SD180097	0.5	0.5	20.8
MMC-18-01	275.74	276.67	S00354062	Imported	SD180097	0.5	0.5	27.6
MMC-18-01	276.67	277.7	S00354063	Imported	SD180097	0.5	0.5	33.6
MMC-18-01	277.7	278.62	S00354064	Imported	SD180097	0.5	0.5	23
MMC-18-01	278.62	279.61	S00354065	Imported	SD180097	0.5	0.5	23.2
MMC-18-01	279.61	280.61	S00354066	Imported	SD180097	0.5	0.5	24.1
MMC-18-01	280.61	281.52	S00354067	Imported	SD180097	0.5	2	23.8
MMC-18-01	281.52	282.39	S00354068	Imported	SD180097	0.5	1	26
MMC-18-01	282.39	282.93	S00354069	Imported	SD180097	0.5	2	24.9
MMC-18-01			S00354070	Passed	SD180097	1.54	4	17.6
MMC-18-01	282.93	283.99	S00354071	Imported	SD180097	0.5	1	26.3
MMC-18-01	283.99	284.67	S00354072	Imported	SD180097	0.5	1	24.2
MMC-18-01	284.67	285.13	S00354073	Imported	SD180097	0.5	0.5	22.7
MMC-18-01	285.13	286.17	S00354074	Imported	SD180097	0.5	0.5	23.5
MMC-18-01	307.21	308.51	S00354075	Imported	SD180097	0.5	3	24.1
MMC-18-01	314.7	315.25	S00354076	Imported	SD180097	0.5	1	24.6
MMC-18-01	318.5	319.09	S00354077	Imported	SD180097	0.5	0.5	25.1

Hole number	From	To	Sample Number	Sn ppm GE_IMS90A	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A	V ppm GE_IMS90A	W ppm GE_IMS90A
MMC-18-01	14	15	S00354001						
MMC-18-01	15	16	S00354002						
MMC-18-01	31.12	31.5	S00354003	0.5	20	0.5	0.02	10	2.5
MMC-18-01	59.05	59.52	S00354004	0.5	50	0.5	0.27	48	7
MMC-18-01	75.6	76.08	S00354005	0.5	20	0.5	0.21	46	2.5
MMC-18-01	92	93.11	S00354006	0.5	10	0.5	0.08	13	2.5
MMC-18-01	97.5	98.66	S00354007	0.5	10	0.5	0.06	8	2.5
MMC-18-01	98.66	99.04	S00354008	0.5	50	0.5	0.22	34	2.5
MMC-18-01	99.04	100	S00354009	0.5	80	0.5	0.14	22	2.5
MMC-18-01			S00354010	0.5	450	0.5	0.31	134	2.5
MMC-18-01	100	101	S00354011	0.5	100	0.5	0.16	26	2.5
MMC-18-01	101	102.03	S00354012	0.5	100	0.5	0.16	25	2.5
MMC-18-01	102.03	102.76	S00354013	0.5	60	0.5	0.3	55	2.5
MMC-18-01	102.76	103.82	S00354014	0.5	60	0.5	0.43	74	2.5
MMC-18-01	103.82	104.45	S00354015	0.5	60	0.5	0.08	15	2.5
MMC-18-01	104.45	105.48	S00354016	0.5	40	0.5	0.08	16	2.5
MMC-18-01	105.48	106.48	S00354017	0.5	60	0.5	0.44	114	2.5
MMC-18-01	106.48	107.5	S00354018	0.5	60	0.5	0.41	95	2.5
MMC-18-01	107.5	108.09	S00354019	0.5	30	0.5	0.29	84	2.5
MMC-18-01			S00354020	0.5	30	1	0.33	133	2.5
MMC-18-01	108.09	109.07	S00354021	0.5	20	0.5	0.06	9	2.5
MMC-18-01	113.42	113.81	S00354022	0.5	30	0.5	0.34	57	2.5
MMC-18-01	129.66	131	S00354023	0.5	10	0.5	0.08	15	2.5
MMC-18-01	131	132.01	S00354024	0.5	20	0.5	0.04	6	2.5
MMC-18-01	132.01	133.03	S00354025	0.5	120	0.5	0.33	65	2.5
MMC-18-01	133.03	134.06	S00354026	0.5	160	0.5	0.41	83	2.5
MMC-18-01	134.06	134.96	S00354027	0.5	180	0.5	0.42	87	2.5
MMC-18-01	134.96	136.14	S00354028	0.5	190	0.5	0.45	90	2.5
MMC-18-01	136.14	137.09	S00354029	0.5	220	0.5	0.45	88	2.5
MMC-18-01	136.14	137.09	S00354030	0.5	220	0.5	0.44	87	2.5
MMC-18-01	137.09	138.12	S00354031	0.5	240	0.5	0.44	95	6
MMC-18-01	138.12	139.1	S00354032	0.5	220	0.5	0.44	102	2.5
MMC-18-01	139.1	139.96	S00354033	0.5	220	0.5	0.45	105	2.5
MMC-18-01	139.96	141.15	S00354034	0.5	210	0.5	0.44	105	2.5
MMC-18-01	141.15	142.3	S00354035	0.5	180	0.5	0.42	97	2.5
MMC-18-01	142.3	143.32	S00354036	0.5	140	0.5	0.46	114	2.5
MMC-18-01	143.32	144.29	S00354037	0.5	140	0.5	0.46	114	2.5
MMC-18-01	144.29	145.29	S00354038	0.5	50	0.5	0.23	34	2.5
MMC-18-01	167.41	167.74	S00354039	0.5	20	0.5	0.04	8	2.5
MMC-18-01			S00354040	0.5	160	4	0.52	78	2.5
MMC-18-01	178.9	179.04	S00354041	0.5	40	0.5	0.41	37	6
MMC-18-01	181.11	182.01	S00354042	0.5	30	0.5	0.21	31	2.5
MMC-18-01	221	221.54	S00354043	0.5	50	0.5	0.63	92	2.5
MMC-18-01	241.33	242	S00354044	0.5	60	0.5	0.09	19	2.5
MMC-18-01	243.48	243.82	S00354045	0.5	50	0.5	0.32	65	6

Hole number	From	To	Sample Number	Sn ppm GE_IMS90A	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A	V ppm GE_IMS90A	W ppm GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	0.5	50	0.5	0.2	36	2.5
MMC-18-01	262.52	263	S00354047	0.5	110	0.5	0.7	97	2.5
MMC-18-01	263	263.5	S00354048	3	190	0.5	0.75	251	2.5
MMC-18-01	263.5	264.14	S00354049	0.5	190	0.5	0.83	242	6
MMC-18-01			S00354050	1	460	0.5	0.32	140	2.5
MMC-18-01	264.14	265.27	S00354051	0.5	180	0.5	0.71	233	2.5
MMC-18-01	265.27	265.62	S00354052	0.5	150	0.5	0.76	224	2.5
MMC-18-01	265.62	266.68	S00354053	0.5	180	0.5	0.78	263	2.5
MMC-18-01	266.68	269.51	S00354054	0.5	180	0.5	0.76	249	2.5
MMC-18-01	269.51	269.89	S00354055	1	190	0.5	0.77	253	2.5
MMC-18-01	269.89	272	S00354056	0.5	160	0.5	0.85	268	2.5
MMC-18-01	272	272.98	S00354057	0.5	200	0.5	0.83	261	2.5
MMC-18-01	272.98	274	S00354058	0.5	190	0.5	0.8	261	2.5
MMC-18-01	274	275	S00354059	0.5	160	0.5	0.73	276	2.5
MMC-18-01			S00354060	0.5	470	0.5	0.32	141	2.5
MMC-18-01	275	275.74	S00354061	2	160	0.5	0.79	238	2.5
MMC-18-01	275.74	276.67	S00354062	0.5	80	0.5	0.29	103	2.5
MMC-18-01	276.67	277.7	S00354063	0.5	90	0.5	0.28	93	2.5
MMC-18-01	277.7	278.62	S00354064	0.5	140	0.5	0.75	243	2.5
MMC-18-01	278.62	279.61	S00354065	0.5	160	0.5	0.8	261	2.5
MMC-18-01	279.61	280.61	S00354066	0.5	220	0.5	0.65	235	2.5
MMC-18-01	280.61	281.52	S00354067	0.5	310	0.5	0.7	224	2.5
MMC-18-01	281.52	282.39	S00354068	0.5	230	0.5	1.03	283	2.5
MMC-18-01	282.39	282.93	S00354069	0.5	350	0.5	0.97	217	2.5
MMC-18-01			S00354070	0.5	30	1	0.35	140	2.5
MMC-18-01	282.93	283.99	S00354071	0.5	210	0.5	1.31	241	2.5
MMC-18-01	283.99	284.67	S00354072	0.5	160	0.5	0.83	231	2.5
MMC-18-01	284.67	285.13	S00354073	0.5	140	0.5	0.69	275	2.5
MMC-18-01	285.13	286.17	S00354074	1	220	0.5	0.64	261	2.5
MMC-18-01	307.21	308.51	S00354075	0.5	370	0.5	0.48	215	2.5
MMC-18-01	314.7	315.25	S00354076	0.5	190	0.5	0.46	198	2.5
MMC-18-01	318.5	319.09	S00354077	2	180	0.5	0.48	215	2.5

Hole number	From	To	Sample Number	WtKg kg G_WGH79	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A
MMC-18-01	14	15	S00354001				
MMC-18-01	15	16	S00354002				
MMC-18-01	31.12	31.5	S00354003	0.721	2.9	0.3	11
MMC-18-01	59.05	59.52	S00354004	0.984	18.1	1.8	22
MMC-18-01	75.6	76.08	S00354005	1.084	6.9	0.9	103
MMC-18-01	92	93.11	S00354006	2.178	6.9	0.6	13
MMC-18-01	97.5	98.66	S00354007	2.294	5.3	0.5	29
MMC-18-01	98.66	99.04	S00354008	0.824	28.5	2.5	15
MMC-18-01	99.04	100	S00354009	1.898	21.2	1.9	12
MMC-18-01			S00354010	0.055	21.5	2.2	61
MMC-18-01	100	101	S00354011	1.377	24.5	2.3	14
MMC-18-01	101	102.03	S00354012	1.971	25.1	2.3	15
MMC-18-01	102.03	102.76	S00354013	1.394	21.1	2	22
MMC-18-01	102.76	103.82	S00354014	2.421	26.2	2.8	22
MMC-18-01	103.82	104.45	S00354015	1.445	11.9	1.1	6
MMC-18-01	104.45	105.48	S00354016	2.003	8.9	0.9	7
MMC-18-01	105.48	106.48	S00354017	2.072	17.8	1.7	29
MMC-18-01	106.48	107.5	S00354018	1.417	20.4	2.1	25
MMC-18-01	107.5	108.09	S00354019	1.017	11.7	1.2	24
MMC-18-01			S00354020	0.103	8.7	0.8	107
MMC-18-01	108.09	109.07	S00354021	1.897	4.9	0.5	27
MMC-18-01	113.42	113.81	S00354022	0.962	23.6	2.3	20
MMC-18-01	129.66	131	S00354023	2.864	5.1	0.6	25
MMC-18-01	131	132.01	S00354024	2.017	3.8	0.4	6
MMC-18-01	132.01	133.03	S00354025	2.072	19.7	1.9	25
MMC-18-01	133.03	134.06	S00354026	2.185	21.9	2.2	26
MMC-18-01	134.06	134.96	S00354027	2.159	21.8	2.1	29
MMC-18-01	134.96	136.14	S00354028	2.428	21.1	2.2	34
MMC-18-01	136.14	137.09	S00354029	1.853	21.3	1.9	31
MMC-18-01	136.14	137.09	S00354030	0.843	21.6	2	30
MMC-18-01	137.09	138.12	S00354031	2.221	21.4	2	31
MMC-18-01	138.12	139.1	S00354032	2.051	22.3	2.1	33
MMC-18-01	139.1	139.96	S00354033	1.812	21.8	2.2	34
MMC-18-01	139.96	141.15	S00354034	2.442	21.7	2.1	34
MMC-18-01	141.15	142.3	S00354035	2.513	21.3	2	35
MMC-18-01	142.3	143.32	S00354036	2.227	20.3	2	37
MMC-18-01	143.32	144.29	S00354037	2.012	18	2	33
MMC-18-01	144.29	145.29	S00354038	2.2	10.6	1.1	20
MMC-18-01	167.41	167.74	S00354039	0.736	3.1	0.3	37
MMC-18-01			S00354040	0.104	9.3	0.9	148
MMC-18-01	178.9	179.04	S00354041	0.722	26.8	3.5	334
MMC-18-01	181.11	182.01	S00354042	1.901	11.2	1.3	14
MMC-18-01	221	221.54	S00354043	1.036	23	2.1	65
MMC-18-01	241.33	242	S00354044	1.469	4	0.4	10
MMC-18-01	243.48	243.82	S00354045	0.846	14.1	1.5	54

Hole number	From	To	Sample Number	WtKg kg G_WGH79	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A
MMC-18-01	261.52	262.52	S00354046	2.11	10	1.2	20
MMC-18-01	262.52	263	S00354047	1.432	21.6	2.6	48
MMC-18-01	263	263.5	S00354048	1.495	23.6	2.5	112
MMC-18-01	263.5	264.14	S00354049	1.161	25.3	2.6	96
MMC-18-01			S00354050	0.102	19.6	2.4	63
MMC-18-01	264.14	265.27	S00354051	2.835	23	2.5	108
MMC-18-01	265.27	265.62	S00354052	0.85	22.8	2.2	96
MMC-18-01	265.62	266.68	S00354053	2.64	23.6	2.5	118
MMC-18-01	266.68	269.51	S00354054	2.613	22.9	2.5	109
MMC-18-01	269.51	269.89	S00354055	0.948	23.5	2.5	107
MMC-18-01	269.89	272	S00354056	2.88	24.5	2.6	116
MMC-18-01	272	272.98	S00354057	2.452	25	2.5	119
MMC-18-01	272.98	274	S00354058	2.557	23.8	2.6	111
MMC-18-01	274	275	S00354059	2.566	21.5	2.2	102
MMC-18-01			S00354060	0.104	20.1	2.4	68
MMC-18-01	275	275.74	S00354061	1.831	23.6	2.3	91
MMC-18-01	275.74	276.67	S00354062	2.22	10.1	1.1	41
MMC-18-01	276.67	277.7	S00354063	2.31	9.4	1	31
MMC-18-01	277.7	278.62	S00354064	1.912	23.1	2.4	104
MMC-18-01	278.62	279.61	S00354065	2.922	23.7	2.6	112
MMC-18-01	279.61	280.61	S00354066	2.611	20.4	2.3	97
MMC-18-01	280.61	281.52	S00354067	2.359	24.6	2.5	69
MMC-18-01	281.52	282.39	S00354068	2.273	28.7	2.9	84
MMC-18-01	282.39	282.93	S00354069	1.364	31.1	3.3	56
MMC-18-01			S00354070	0.099	8.2	0.8	112
MMC-18-01	282.93	283.99	S00354071	2.411	32.4	3.4	81
MMC-18-01	283.99	284.67	S00354072	1.673	27.6	2.9	103
MMC-18-01	284.67	285.13	S00354073	1.094	18.1	1.9	168
MMC-18-01	285.13	286.17	S00354074	2.547	17.9	1.8	97
MMC-18-01	307.21	308.51	S00354075	3.134	17.1	1.9	58
MMC-18-01	314.7	315.25	S00354076	1.366	13.9	1.4	77
MMC-18-01	318.5	319.09	S00354077	1.627	15	1.6	85



Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-02	DD	NQ	Jacob Bellrose & Phil Trudel	EM plate between pit shells	300	300	302

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-02	<p>MMC-18-02_Header_Core Photos_MMC-18-02_120.56-137.44m_Bxs_29-32_wet.JPG   MMC-18-02_Header_Core Photos_Box_61-64_257.38-275.00_m_MMC-18-02_Wet.JPG   MMC-18-02_Header_Core Photos_Box_57-60_240.00-257.38_m_MMC-18-02_Wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_34.80-53.04m_Bxs_9-12_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_170.90-187.93m_Bxs_41-44_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_53.04-70.31m_Bxs_13-16_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_34.80-53.04m_Bxs_9-12_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_120.56-137.44m_Bxs_29-32_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_87.18-103.76m_Bxs_21-24_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_87.18-103.76m_Bxs_21-24_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_17.45-34.80m_Bxs_5-8_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_17.45-34.80m_Bxs_5-8_wet.JPG   MMC-18-02_Header_Core Photos_Box_57-60_240.00-257.38_m_MMC-18-02_Dry.JPG   MMC-18-02_Header_Core Photos_Box_53-56_222.50-240.00_m_MMC-18-02_Wet.JPG   MMC-18-02_Header_Core Photos_Box_65-68_275.00-292.38_m_MMC-18-02_Wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_153.88-170.90m_Bxs_37-40_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_205.29-222.45m_Bxs_49-52_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_0-17.45m_Bxs_1-4_dry.JPG   MMC-18-02_Header_Core Photos_Box_69-71_292.38-301.88_m_MMC-18-02_Dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_70.31-87.18m_Bxs_17-20_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_170.90-187.93m_Bxs_41-44_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_53.04-70.31m_Bxs_13-16_dry.JPG   MMC-18-02_Header_Core Photos_Box_69-71_292.38-301.88_m_MMC-18-02_Wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_137.44-153.88m_Bxs_33-36_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_205.29-222.45m_Bxs_49-52_wet.JPG   MMC-18-02_Header_Core Photos_Box_61-64_257.38-275.00_m_MMC-18-02_Dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_103.76-120.56m_Bxs_25-28_wet.JPG   MMC-18-02_Header_Core Photos_Box_53-56_222.50-240.00_m_MMC-18-02_Dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_0-17.45m_Bxs_1-4_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_103.76-120.56m_Bxs_25-28_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_153.88-170.90m_Bxs_37-40_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_187.93-205.29m_Bxs_45-48_wet.JPG   MMC-18-02_Header_Core Photos_Box_65-68_275.00-292.38_m_MMC-18-02_Dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_187.93-205.29m_Bxs_45-48_dry.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_137.44-153.88m_Bxs_33-36_wet.JPG   MMC-18-02_Header_Core Photos_MMC-18-02_70.31-87.18m_Bxs_17-20_dry.JPG</p>	Planned	NAD83 / UTM zone 17N

Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-02	NAD83 / UTM zone 17N	5133598	5133598	436167.5	436167.5	358.72

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed	Comments	Drilling started	Drilling completed	Drilling contractor
MMC-18-02	Exp	Mt	Coreshed	PAT-42279	2018-10-25	2018-11-01		2018-10-25	2018-10-31	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-02	1	6.4	Metasediments	1A
MMC-18-02	6.4	6.45	Structure	FLT
MMC-18-02	6.45	74.34	Metasediments	1A
MMC-18-02	74.34	74.79	Metasediments	1B
MMC-18-02	74.79	75.8	Metasediments	1A
MMC-18-02	75.8	77.13	Metasediments	1C
MMC-18-02	77.13	132.57	Metasediments	1A
MMC-18-02	132.57	132.62	Structure	FLT
MMC-18-02	132.62	132.93	Metasediments	1A
MMC-18-02	132.93	132.98	Structure	FLT
MMC-18-02	132.98	151.72	Metasediments	1A
MMC-18-02	151.72	153.45	Metasediments	1C
MMC-18-02	153.45	158.7	Upper Unit	4C
MMC-18-02	158.7	175.69	Metasediments	1A

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-02	175.69	180.33	Upper Unit	4C
MMC-18-02	180.33	181.3	Structure	FLT
MMC-18-02	181.3	189.69	Upper Unit	4C
MMC-18-02	189.69	191.35	Metasediments	1A
MMC-18-02	191.35	209.18	Breccia	Magmatic breccia
MMC-18-02	209.18	274.2	Upper Unit	4B
MMC-18-02	274.2	301.87	Lower Unit	3A
MMC-18-02	301.87	301.88	End of hole	End of hole

Hole ID	From (m)	To (m)	Description (original)
MMC-18-02	1	6.4	Grey, medium grained (few local fine grained sections), equigranular, thinly bedded quartzite. 90% quartz grains with alternating black silty layers. Few sections with ~1% 1mm white angular detrital feldspar grains. Intergranular space consists of sericite-carbonate? Bedding sections average 0.5-4m spans with 1-3cm scale beds defined by alternating black finer grained (silt) layers with lighter quartzite. Variable bedding orientations from ~35-60 dtca. Very weak foliation defined by mineral alignment, oblique to bedding. Blue 1-2mm quartz eyes observed within sections of increased silicification.
MMC-18-02	6.4	6.45	Moderate ~1cm wide fault gouge within blocky, hematite altered metasedimentary core.
MMC-18-02	6.45	74.34	Grey, medium grained, equigranular, thinly bedded quartzite. 90% quartz grains with alternating black silty layers. Few sections with ~2% 1mm white angular detrital feldspar grains often in areas of stronger silicification. Intergranular space consists of sericite-carbonate? Bedding sections average 0.5-5m spans with 1-15cm scale beds defined by alternating black finer grained (silt?) layers with lighter quartzite. Variable bedding orientations from ~35-60 dtca. Very weak foliation defined by mineral alignment, oblique to bedding. Blue 1-2mm quartz eyes observed within sections of increased silicification. Strong silicification/detrital feldspar/potential cross bedding observed 39.68-43m. Series of 3-25 cm, dark green to black, aphanitic, possible mudstone beds (or mafic intrusive?), sharp contacts 55-60 dtca, observed from 48-68.28m and compose ~4% of interval. Trace fracture controlled to quartz-carbonate veinlet hosted pyrite observed. Sharp lower contact.
MMC-18-02	74.34	74.79	Dark grey, very fine grained to mud siltstone. Massive. Weak fracture controlled chlorite. Trace fracture controlled to quartz-carbonate veinlet hosted pyrite. Sharp lower contact.
MMC-18-02	74.79	75.8	Grey, medium grained, weakly thin bedded quartzite. Gradational lower contact marked by albite alteration and increasing feldspar content.
MMC-18-02	75.8	77.13	Pale grey to pink/white, medium grained, massive feldspathic quartzite. Albite alteration of most feldspar grains. ~3-5% disseminated dark green (amphibole?) grains throughout. Sharp lower contact. Single 1cm barren quartz vein oriented at 15 dtca.
MMC-18-02	77.13	132.57	Grey, fine to medium grained, thinly bedded quartzite. 90% quartz grains with alternating black silty layers. Few sections of lighter grey to white, variably composed beds (>>quartz/fld) spanning up to 2m still containing silty layers. Intergranular space consists of sericite-carbonate? Bedding sections average 0.5-5m spans with 1-15cm scale beds defined by alternating black finer grained (silt?) layers with lighter quartzite. Continuous bedding from 84.50-101m. Variable bedding orientations. Very weak foliation defined by mineral alignment, oblique to bedding. Blue 1-2mm quartz eyes observed within sections of increased silicification up to 107m. Trace fracture controlled pyrite. Medium grained quartz gabbro intrusive? observed 116.12-116.49m with sharp contacts, angular feldspar grains, and trace blebby pyrrhotite along upper contact.
MMC-18-02	132.57	132.62	Moderate fault gouge ~1cm wide
MMC-18-02	132.62	132.93	Fine grained grey quartzite. Strong hairline fracturing with carbonate stringers.
MMC-18-02	132.93	132.98	Weak fault gouge <1cm wide
MMC-18-02	132.98	151.72	Grey, fine grained, equigranular quartzite. Thin continuous bedding ~1-4cm defined by alternating black silt beds. Weak to moderate foliation throughout, sub parallel to bedding. Weak vuggy sections at 141.50m and 144.50m. Gradational lower contact.
MMC-18-02	151.72	153.45	Light grey to white, medium grained, feldspathic quartzite. Single granitic 1cm veinlet observed. ~1% disseminated dark green mafic grains (amphibole?). Weakly bedded on 1 to >10 cm scale. Weak albite alteration of few larger 3mm feldspar grains. Gradational lower contact.
MMC-18-02	153.45	158.7	Grey to dark grey, fine grained, equigranular massive quartz bearing gabbro (potentially non-foliated section of mtsd with increased mafic content?). Weakly foliated defined by mineral alignment. 60% plagioclase, 30% amphibole, 5-10 % quartz. Trace fracture controlled pyrite. Gradational lower contact.
MMC-18-02	158.7	175.69	Alternating dark grey to white (variable quartz/feldspar composition), fine grained equigranular quartzite. White sections contain 3% disseminated dark green amphibole grains. Very weak thin bedding observed throughout. Weak to moderate foliation (increasing toward lower contact) defined by mineral alignment, sub parallel to bedding. Few blue quartz eyes and 2mm veinlets observed. Trace to 0.5% local pyrite+pyrrhotite+chalcopyrite over 3m approaching lower contact, controlled by foliation/bedding planes. Sharp lower contact marked by abrupt chlorite alteration of groundmass and increased mafic content.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-02	175.69	180.33	Green grey, fine grained, moderately to strongly foliated quartz gabbro. 50% plagioclase, 30-35% amphibole + mafic grains, 15% quartz (sometimes blue). Foliation defined by mineral alignment and moderate elongation. ~18%, 10-48 cm waning enclaves of light grey/white quartzite throughout, parallel to foliation. ~10% 2-32cm often irregularly oriented, barren quartz veining throughout cross cutting both gabbro and quartzite sections. Pervasive to locally patchy chlorite alteration. Minor fault gouge observed. Start of brecciated/sheared zone.
MMC-18-02	180.33	181.3	Moderate fault gouge surrounded by ~1m of blocky core
MMC-18-02	181.3	189.69	Green grey, fine grained, massive, moderately to strongly foliated quartz gabbro w/brecciation and shearing. 50% plagioclase, 30-35% amphibole + mafic grains, 15% quartz (sometimes blue). Foliation defined by mineral alignment and moderate elongation. ~18%, 10-48 cm waning enclaves of light grey/white quartzite throughout, parallel to foliation. ~10% 2-32cm often irregularly oriented, barren quartz veining throughout cross cutting both gabbro and quartzite sections. Pervasive to locally patchy chlorite alteration. Minor fault gouge observed. Sharp lower contact.
MMC-18-02	189.69	191.35	Light grey to white, fine grained, thinly bedded quartzite. Single 8cm gabbro section observed. 2 quartz veins 16cm and 6 cm observed. Sharp lower contact marked by quartz vein.
MMC-18-02	191.35	209.18	Green grey, fine grained to increasingly medium grained, massive, moderately to strongly foliated (to 196.50m) magmatic breccia with gabbro matrix: 55% plagioclase, 35% amphibole + mafic grains, 10% quartz (few blue eyes near upper contact). Foliation defined by mineral alignment and moderate elongation. ~5% up to 50cm leucocratic feldspar porphyroblastic zones (dissolved/destroyed metasediments?) with >>feldspar/quartz content. Trace disseminated pyrite>>pyrrhotite. Lower contact gradational, marked by absence of quartz and increased mafic/plag content.
MMC-18-02	209.18	274.2	Dark grey to variably blue/green (chlorite altered), medium to coarse grained, massive melagabbro. >50% mafic minerals, 40-45% plagioclase. Very weak foliation present defined by mineralization and mineral alignment. Gradational transitions between medium and coarse grained. Acicular amphibole and subhedral feldspar grains observed in coarse sections. Few mesocratic sections with increased subhedral plagioclase phenocrysts and overall content to 60%. Intersection of main mineralized zone begins at ~224m to 251m with blebby to net-textured (intergranular) pyrrhotite-pentlandite-chalcopyrite up to 5%.
MMC-18-02	274.2	301.87	Variable fine-grained to coarse-grained Nipissing gabbro, 60-70% mafic minerals (mostly amphibole with some chlorite), 30-40% plagioclase feldspar;
MMC-18-02	301.87	301.88	EOH



Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A	Al % GE_IMS90A	As ppm GE_IMS90A
MMC-18-02	9.62	9.92	S00355001	Original	chlorite w/ Py in shear	0.5	6.26	523
MMC-18-02	13.92	14.54	S00355002	Original	Py along foliation planes	0.5	3.47	26
MMC-18-02	21.97	22.82	S00355003	Original	Py, Po in qtz-carb veins along shear	0.5	5.23	1.5
MMC-18-02	58.83	59.15	S00355004	Original	Fracture controlled Py along margin of qtz-carb vein	0.5	2.07	17
MMC-18-02	62.45	62.75	S00355005	Original		0.5	2.22	6
MMC-18-02	71	71.6	S00355006	Original		0.5	3.44	1.5
MMC-18-02	74.34	74.64	S00355007	Original		0.5	12.1	51
MMC-18-02	75.5	75.8	S00355008	Original	Cubic Py with bleached haloes	0.5	4.7	1.5
MMC-18-02	82.52	83	S00355009	Original	Py+Po along foliation planes	0.5	2.52	1.5
MMC-18-02			S00355010	Control		0.5	8.48	1.5
MMC-18-02	116.12	116.49	S00355011	Original	Qtz gabbro? Po at upper contact	0.5	7.23	1.5
MMC-18-02	137.87	138.17	S00355012	Original	fracture controlled Py+Cpy	0.5	2.58	1.5
MMC-18-02	147	147.3	S00355013	Original	fracture controlled Py	0.5	3.94	1.5
MMC-18-02	158.95	159.25	S00355014	Original	fracture controlled Py	0.5	1.84	5
MMC-18-02	161.33	161.63	S00355015	Original	fracture controlled Py	0.5	2.12	1.5
MMC-18-02	170	170.95	S00355016	Original	Blebbly Po>>Cpy 0.5-1%	0.5	6.86	1.5
MMC-18-02	173	173.5	S00355017	Original	Fracture controlled Py>>Po	0.5	5.25	1.5
MMC-18-02	173.5	174	S00355018	Original	Fracture controlled Py	0.5	4.35	1.5
MMC-18-02	174	174.5	S00355019	Original	Trace-0.5%, bedding controlled Py>Po>Cpy	0.5	5.25	1.5
MMC-18-02			S00355020	Control		0.5	2.72	209
MMC-18-02	194	195	S00355021	Original	Po>>Cpy in quartz vein	0.5	5.7	856
MMC-18-02	208.18	209.18	S00355022	Original	Shoulder, trace Po and Py	0.5	9.45	16
MMC-18-02	209.18	209.7	S00355023	Original	Trace amounts diss Po +/- Cpy	0.5	8.52	3
MMC-18-02	209.7	210.07	S00355024	Original	Continuity Sample	0.5	8.07	5
MMC-18-02	210.07	210.5	S00355025	Original	Trace-0.5% diss Po and Cpy	0.5	7.83	1.5
MMC-18-02	210.5	211.5	S00355026	Original	Shoulder, rare diss Po	0.5	7.99	1.5
MMC-18-02	213.13	214.13	S00355027	Original	Shoulder	0.5	8.07	6
MMC-18-02	214.13	215	S00355028	Original	Trace Diss Po>>Cpy	0.5	8.07	1.5
MMC-18-02	215	215.43	S00355029	Original	continuity, rare diss Po	0.5	8.21	5
MMC-18-02	215	215.43	S00355030	FieldDup	FIELDUP	0.5	8.41	4
MMC-18-02	215.43	215.89	S00355031	Original	Continuity sample	0.5	8.26	7
MMC-18-02	215.89	216.19	S00355032	Original	Trace diss Po>>Cpy	0.5	8.35	4
MMC-18-02	216.19	217.19	S00355033	Original	shoulder	0.5	8.02	1.5
MMC-18-02	222.5	223.5	S00355034	Original	Shoulder	0.5	8	1.5
MMC-18-02	223.5	224.04	S00355035	Original	~3-5% Po	0.5	6.34	52
MMC-18-02	224.04	225.11	S00355036	Original	Continuity, Trace diss Po>>Cpy	0.5	7.29	1.5
MMC-18-02	225.11	226.11	S00355037	Original	3% Po>>Cpy Diss	0.5	7.46	112
MMC-18-02	226.11	226.97	S00355038	Original	3% Po>Cpy Diss	0.5	7.25	39
MMC-18-02	226.97	227.95	S00355039	Original	~5% Blebbly Po>>Cpy	0.5	8.15	32
MMC-18-02			S00355040	Control		2	5.38	14
MMC-18-02	227.95	228.96	S00355041	Original	Blebbly + Fracture controlled Po>Cpy	0.5	7.88	45
MMC-18-02	228.96	230	S00355042	Original	Blebbly ~3% Po>>Cpy	0.5	8.1	25
MMC-18-02	230	231.15	S00355043	Original	Blebbly + Fractures Po>>Cpy ~3%	0.5	6.96	48
MMC-18-02	231.15	232.47	S00355044	Original	~3% blebbly Po>>Cpy	0.5	7.19	30
MMC-18-02	232.47	233.63	S00355045	Original	5% blebbly sulphide, ~3% Po, ~2% Cpy	0.5	6.65	94

Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A	Al % GE_IMS90A	As ppm GE_IMS90A
MMC-18-02	233.63	234.96	S00355046	Original	5% blebby to net textured sulphide, Po>Cpy	0.5	6.39	45
MMC-18-02	234.96	235.97	S00355047	Original	~1% blebby sulphide Po>>Cpy	0.5	7.55	9
MMC-18-02	235.97	237.1	S00355048	Original	5% blebby and net textured sulphide, Po>>Cpy	0.5	7.07	41
MMC-18-02	237.1	238.17	S00355049	Original	3% blebby sulphide Po>>Cpy	0.5	7.53	17
MMC-18-02			S00355050	Control	End of 1st Samplebook	0.5	9.08	1.5
MMC-18-02	238.17	239.4	S00355051	Original	Start of 2nd samplebook; 1% diss Po	0.5	8.48	52
MMC-18-02	239.4	240.57	S00355052	Original	Diss-blebby 1% Po>>Cpy	0.5	8.02	13
MMC-18-02	240.57	241.54	S00355053	Original	1% diss Po>Cpy	0.5	8.19	78
MMC-18-02	241.54	242.55	S00355054	Original	1% diss Po>>Cpy	0.5	8.14	14
MMC-18-02	242.55	243.55	S00355055	Original	1% diss Cpy>Po	0.5	8.34	23
MMC-18-02	243.55	244.58	S00355056	Original	continuity, diss trace Po>>Cpy	0.5	8	1.5
MMC-18-02	244.58	245.6	S00355057	Original	continuity, diss trace Po	0.5	8.24	1.5
MMC-18-02	245.6	246.64	S00355058	Original	continuity, diss trace Po	0.5	8.1	5
MMC-18-02	246.64	247.81	S00355059	Original	continuity, diss trace Po>>Cpy	0.5	7.48	8
MMC-18-02			S00355060	Control		0.5	8.45	1.5
MMC-18-02	247.81	248.87	S00355061	Original	diss trace Po>>Cpy	0.5	7.61	3
MMC-18-02	248.87	249.9	S00355062	Original	5% blebby + fracture controlled Po>Cpy	0.5	7.42	25
MMC-18-02	249.9	251	S00355063	Original	3% blebby-diss, Po>Cpy	0.5	7.44	13
MMC-18-02	251	252.13	S00355064	Original	1% diss Po>>Cpy	0.5	7.61	1.5
MMC-18-02	252.13	253.01	S00355065	Original	diss trace Po	0.5	7.86	1.5
MMC-18-02	253.01	253.32	S00355066	Original	sericite+quartz vein w/ 1% Po	0.5	7.83	4
MMC-18-02	253.32	254.46	S00355067	Original	diss trace Po	1	7.06	1.5
MMC-18-02	254.46	255.59	S00355068	Original	continuity	0.5	6.76	1.5
MMC-18-02	255.59	256.67	S00355069	Original	diss trace Po	0.5	6.91	1.5
MMC-18-02			S00355070	Control		1	2.69	206
MMC-18-02	256.67	257.7	S00355071	Original	diss trace Po	0.5	6.83	1.5
MMC-18-02	257.7	258.45	S00355072	Original	diss trace Po	0.5	6.78	1.5
MMC-18-02	258.45	259.46	S00355073	Original	trace diss Po	0.5	7.03	1.5
MMC-18-02	259.46	260.55	S00355074	Original	shoulder	1	7.08	1.5
MMC-18-02	260.55	261.63	S00355075	Original	shoulder	0.5	7.1	1.5
MMC-18-02	261.63	262.61	S00355076	Original	shoulder trace Po>Cpy in small 5 cm wide shear	0.5	7.38	3
MMC-18-02	264.85	265.91	S00355077	Original	shoulder B4 sample	0.5	7.72	7
MMC-18-02	265.91	266.22	S00355078	Original	Qtz+Carb vein w/5% Cpy+Po; Cpy>Po	2	6.97	10
MMC-18-02	266.22	267.31	S00355079	Original	diss trace Po+Cpy	0.5	7.34	15
MMC-18-02	266.22	267.31	S00355080	FieldDup	fielddupe	0.5	7.86	8
MMC-18-02	267.31	268.4	S00355081	Original	diss trace Po	0.5	7.53	5
MMC-18-02	268.4	269.66	S00355082	Original	diss trace Po	0.5	7.01	4
MMC-18-02	269.66	270.79	S00355083	Original	shoulder end	0.5	7.42	12
MMC-18-02	275	275.97	S00355084	Original	shoulder B4 sample	0.5	7.27	9
MMC-18-02	275.97	277.1	S00355085	Original	0.5% diss Po+Cpy Po>>Cpy	0.5	7.47	6
MMC-18-02	277.1	278.16	S00355086	Original	0.5% diss Po>Cpy	0.5	7.75	4
MMC-18-02	278.16	279.23	S00355087	Original	diss Po>>Cpy	0.5	7.79	7
MMC-18-02	279.23	280.25	S00355088	Original	shoulder end	1	7.8	10
MMC-18-02	289.74	290.69	S00355089	Original	shoulder start	1	7.49	7
MMC-18-02			S00355090	Control		3	5.02	12

Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A	Al % GE_IMS90A	As ppm GE_IMS90A
MMC-18-02	290.69	291.08	S00355091	Original	1% Cpy Qtz-Carb Vein	0.5	7.21	5
MMC-18-02	291.08	292.2	S00355092	Original	shoulder	0.5	7.61	10

Hole number	From	To	Sample Number	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A	Ca % GE_IMS90A	Cd ppm GE_IMS90A
MMC-18-02	9.62	9.92	S00355001	193	510	1	8.1	0.05	0.1
MMC-18-02	13.92	14.54	S00355002	6	380	0.5	0.6	0.05	0.1
MMC-18-02	21.97	22.82	S00355003	15	410	1	0.6	0.05	0.2
MMC-18-02	58.83	59.15	S00355004	135	190	0.5	2.2	0.05	0.1
MMC-18-02	62.45	62.75	S00355005	0.5	240	0.5	0.2	0.05	1.1
MMC-18-02	71	71.6	S00355006	0.5	380	0.5	0.05	0.05	0.6
MMC-18-02	74.34	74.64	S00355007	16	710	4	2	0.05	0.1
MMC-18-02	75.5	75.8	S00355008	0.5	490	1	0.3	0.05	0.1
MMC-18-02	82.52	83	S00355009	0.5	310	0.5	0.05	0.05	0.1
MMC-18-02			S00355010	0.5	600	0.5	0.1	4.4	0.1
MMC-18-02	116.12	116.49	S00355011	3	640	1	0.2	0.5	0.1
MMC-18-02	137.87	138.17	S00355012	0.5	290	0.5	0.05	0.05	0.1
MMC-18-02	147	147.3	S00355013	0.5	310	0.5	0.05	0.1	0.1
MMC-18-02	158.95	159.25	S00355014	0.5	130	0.5	0.05	0.05	0.1
MMC-18-02	161.33	161.63	S00355015	0.5	180	0.5	0.05	0.05	0.1
MMC-18-02	170	170.95	S00355016	0.5	500	1	0.1	0.1	0.1
MMC-18-02	173	173.5	S00355017	0.5	390	0.5	0.1	0.1	0.2
MMC-18-02	173.5	174	S00355018	0.5	310	0.5	0.2	0.1	0.1
MMC-18-02	174	174.5	S00355019	0.5	430	0.5	0.3	0.05	0.1
MMC-18-02			S00355020	59	90	0.5	0.1	3.4	0.5
MMC-18-02	194	195	S00355021	0.5	30	0.5	0.6	2.5	0.1
MMC-18-02	208.18	209.18	S00355022	0.5	60	2	0.1	2.3	0.1
MMC-18-02	209.18	209.7	S00355023	0.5	70	2	0.2	3.3	0.1
MMC-18-02	209.7	210.07	S00355024	2	70	2	0.2	3.6	0.1
MMC-18-02	210.07	210.5	S00355025	2	80	2	0.1	4	0.1
MMC-18-02	210.5	211.5	S00355026	0.5	100	2	0.1	4	0.3
MMC-18-02	213.13	214.13	S00355027	0.5	260	1	0.1	4.4	0.1
MMC-18-02	214.13	215	S00355028	0.5	330	1	0.1	4.2	0.1
MMC-18-02	215	215.43	S00355029	0.5	240	1	0.1	4.6	0.1
MMC-18-02	215	215.43	S00355030	0.5	220	1	0.1	4.8	0.1
MMC-18-02	215.43	215.89	S00355031	0.5	280	1	0.2	4.8	0.1
MMC-18-02	215.89	216.19	S00355032	0.5	240	1	0.2	4.5	0.1
MMC-18-02	216.19	217.19	S00355033	0.5	340	1	0.2	4.4	0.1
MMC-18-02	222.5	223.5	S00355034	0.5	260	1	0.1	4.6	0.1
MMC-18-02	223.5	224.04	S00355035	33	230	1	2.7	4.2	0.3
MMC-18-02	224.04	225.11	S00355036	5	270	1	0.3	4.5	0.1
MMC-18-02	225.11	226.11	S00355037	22	260	1	1.5	4.4	0.1
MMC-18-02	226.11	226.97	S00355038	69	140	0.5	3.9	4.2	0.2
MMC-18-02	226.97	227.95	S00355039	43	110	1	2.6	4.3	0.3
MMC-18-02			S00355040	256	120	0.5	1.1	3.7	2.1
MMC-18-02	227.95	228.96	S00355041	40	240	1	2	4.8	0.2
MMC-18-02	228.96	230	S00355042	35	270	1	2.7	5.1	0.2
MMC-18-02	230	231.15	S00355043	126	210	0.5	10	4.8	0.3
MMC-18-02	231.15	232.47	S00355044	96	250	1	6.7	4.6	0.3
MMC-18-02	232.47	233.63	S00355045	254	200	0.5	17.5	4.5	0.6

Hole number	From	To	Sample Number	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A	Ca % GE_IMS90A	Cd ppm GE_IMS90A
MMC-18-02	233.63	234.96	S00355046	210	180	0.5	18	4.3	0.6
MMC-18-02	234.96	235.97	S00355047	138	200	0.5	11.1	5.3	0.4
MMC-18-02	235.97	237.1	S00355048	104	170	0.5	6.6	5	0.3
MMC-18-02	237.1	238.17	S00355049	106	220	0.5	7.1	5.2	0.4
MMC-18-02			S00355050	0.5	570	0.5	0.05	4.4	0.1
MMC-18-02	238.17	239.4	S00355051	63	170	0.5	3.8	5.8	0.4
MMC-18-02	239.4	240.57	S00355052	74	160	0.5	4.5	5.2	0.4
MMC-18-02	240.57	241.54	S00355053	39	120	0.5	2.4	6.1	0.4
MMC-18-02	241.54	242.55	S00355054	40	130	0.5	1.7	5.8	0.3
MMC-18-02	242.55	243.55	S00355055	60	170	0.5	2.7	5.7	0.3
MMC-18-02	243.55	244.58	S00355056	5	140	0.5	0.5	5.7	0.1
MMC-18-02	244.58	245.6	S00355057	10	170	0.5	0.7	5.4	0.1
MMC-18-02	245.6	246.64	S00355058	6	140	0.5	0.5	6	0.1
MMC-18-02	246.64	247.81	S00355059	32	140	0.5	1.7	6	0.2
MMC-18-02			S00355060	0.5	600	0.5	0.1	4.4	0.3
MMC-18-02	247.81	248.87	S00355061	35	170	0.5	1.3	6.5	0.2
MMC-18-02	248.87	249.9	S00355062	171	150	0.5	7.5	6	0.5
MMC-18-02	249.9	251	S00355063	43	160	0.5	2.3	6.2	0.3
MMC-18-02	251	252.13	S00355064	106	190	0.5	3.5	6.1	0.2
MMC-18-02	252.13	253.01	S00355065	6	160	0.5	0.2	5.8	0.2
MMC-18-02	253.01	253.32	S00355066	9	120	0.5	0.9	6	0.1
MMC-18-02	253.32	254.46	S00355067	3	180	0.5	0.2	6.1	0.2
MMC-18-02	254.46	255.59	S00355068	6	170	0.5	0.3	5.9	0.3
MMC-18-02	255.59	256.67	S00355069	4	190	0.5	0.2	6	0.2
MMC-18-02			S00355070	55	80	0.5	0.1	3.3	0.4
MMC-18-02	256.67	257.7	S00355071	5	180	0.5	0.2	5.8	0.2
MMC-18-02	257.7	258.45	S00355072	7	160	0.5	0.2	6	0.2
MMC-18-02	258.45	259.46	S00355073	6	160	0.5	0.2	6.1	0.2
MMC-18-02	259.46	260.55	S00355074	9	160	0.5	0.2	6.4	0.3
MMC-18-02	260.55	261.63	S00355075	16	160	0.5	0.2	6.1	0.2
MMC-18-02	261.63	262.61	S00355076	6	160	0.5	0.1	6.6	0.1
MMC-18-02	264.85	265.91	S00355077	3	170	0.5	0.1	6.4	0.1
MMC-18-02	265.91	266.22	S00355078	14	100	0.5	0.1	7.2	0.3
MMC-18-02	266.22	267.31	S00355079	4	60	0.5	0.2	6.8	0.2
MMC-18-02	266.22	267.31	S00355080	4	90	0.5	0.2	7.1	0.2
MMC-18-02	267.31	268.4	S00355081	5	160	0.5	0.1	6.5	0.2
MMC-18-02	268.4	269.66	S00355082	26	120	0.5	0.2	6.4	0.4
MMC-18-02	269.66	270.79	S00355083	5	140	0.5	0.2	6.7	0.3
MMC-18-02	275	275.97	S00355084	12	160	1	0.2	6.7	0.3
MMC-18-02	275.97	277.1	S00355085	13	150	0.5	0.2	6.7	0.3
MMC-18-02	277.1	278.16	S00355086	14	150	0.5	0.2	6.6	0.3
MMC-18-02	278.16	279.23	S00355087	7	290	1	0.1	6.3	0.2
MMC-18-02	279.23	280.25	S00355088	4	280	0.5	0.1	6.7	0.1
MMC-18-02	289.74	290.69	S00355089	1	130	0.5	0.05	7.3	0.1
MMC-18-02			S00355090	328	110	0.5	1.1	3.5	1.9

Hole number	From	To	Sample Number	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A	Ca % GE_IMS90A	Cd ppm GE_IMS90A
MMC-18-02	290.69	291.08	S00355091	0.5	180	0.5	0.05	6.5	0.1
MMC-18-02	291.08	292.2	S00355092	1	150	0.5	0.05	7.3	0.2

Hole number	From	To	Sample Number	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A
MMC-18-02	9.62	9.92	S00355001	29	96	1.6	52	1.62		4.4
MMC-18-02	13.92	14.54	S00355002	8.1	70	0.4	27	1.09		2.8
MMC-18-02	21.97	22.82	S00355003	6.6	82	1.2	16	1.45		3.4
MMC-18-02	58.83	59.15	S00355004	10.6	70	0.9	57	1.47		1.7
MMC-18-02	62.45	62.75	S00355005	10.4	74	1.4	20	1.48		1.9
MMC-18-02	71	71.6	S00355006	6.1	68	2	48	1.55		2.9
MMC-18-02	74.34	74.64	S00355007	38.4	163	4.1	33	2.99		7.4
MMC-18-02	75.5	75.8	S00355008	8.9	43	1.6	41	1.7		3.5
MMC-18-02	82.52	83	S00355009	6.2	62	1.7	27	1.55		2.1
MMC-18-02			S00355010	14.5	21	0.9	99	4.77		1.5
MMC-18-02	116.12	116.49	S00355011	2.4	33	0.8	15	0.88		4.8
MMC-18-02	137.87	138.17	S00355012	3.7	74	0.4	23	0.98		2
MMC-18-02	147	147.3	S00355013	9.8	96	1.8	33	2.35		2.3
MMC-18-02	158.95	159.25	S00355014	7.9	76	0.5	32	0.9		0.6
MMC-18-02	161.33	161.63	S00355015	5.3	75	0.3	17	0.77		1
MMC-18-02	170	170.95	S00355016	17.3	105	4.8	53	3.19		3.7
MMC-18-02	173	173.5	S00355017	7.3	61	2.3	37	1.74		2.3
MMC-18-02	173.5	174	S00355018	9.3	89	2.4	42	2.01		1.7
MMC-18-02	174	174.5	S00355019	13.1	65	2.6	114	2.55		2.4
MMC-18-02			S00355020	207	2900	2.4	2830	11		0.2
MMC-18-02	194	195	S00355021	68.6	184	1.1	70	5.82		0.4
MMC-18-02	208.18	209.18	S00355022	14.3	155	0.5	17	5.36		0.4
MMC-18-02	209.18	209.7	S00355023	28.3	140	0.2	122	6.78		0.5
MMC-18-02	209.7	210.07	S00355024	43.2	123	0.8	268	8.23		0.5
MMC-18-02	210.07	210.5	S00355025	50	146	1	321	8.62		0.5
MMC-18-02	210.5	211.5	S00355026	41.3	126	1	106	8.45		0.6
MMC-18-02	213.13	214.13	S00355027	44.9	125	2.1	73	8.55		1.2
MMC-18-02	214.13	215	S00355028	46.7	118	3.3	143	8.89		1.5
MMC-18-02	215	215.43	S00355029	50.2	127	2.7	144	8.93		1.1
MMC-18-02	215	215.43	S00355030	45.1	132	3	92	9.02		1.1
MMC-18-02	215.43	215.89	S00355031	50	148	4	125	8.72		1.4
MMC-18-02	215.89	216.19	S00355032	46.3	146	3.4	204	8.72		1.4
MMC-18-02	216.19	217.19	S00355033	40.3	106	5.6	97	8.37		1.8
MMC-18-02	222.5	223.5	S00355034	41.5	99	4.5	60	9.19		1.5
MMC-18-02	223.5	224.04	S00355035	201	194	4.4	970	13.8		1.3
MMC-18-02	224.04	225.11	S00355036	52.3	123	3.7	158	10		1.4
MMC-18-02	225.11	226.11	S00355037	148	154	3.8	950	10.5		1.3
MMC-18-02	226.11	226.97	S00355038	199	172	2.1	1340	12.3		0.7
MMC-18-02	226.97	227.95	S00355039	129	163	1.6	966	10.7		0.5
MMC-18-02			S00355040	965	339	0.6	15800	18		0.3
MMC-18-02	227.95	228.96	S00355041	127	192	4	593	10.6		1.1
MMC-18-02	228.96	230	S00355042	104	146	4.2	911	10		1.3
MMC-18-02	230	231.15	S00355043	269	179	3.3	1980	13.8		1
MMC-18-02	231.15	232.47	S00355044	155	157	4.4	1580	11.5		1.2
MMC-18-02	232.47	233.63	S00355045	313	185	3.9	4590	14.2		1.1

Hole number	From	To	Sample Number	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A
MMC-18-02	233.63	234.96	S00355046	382	138	3.4	4000	15.6		0.9
MMC-18-02	234.96	235.97	S00355047	153	187	2.7	2600	11.3		0.9
MMC-18-02	235.97	237.1	S00355048	271	350	3.3	1510	13.5		1
MMC-18-02	237.1	238.17	S00355049	212	264	3	1550	11.8		1
MMC-18-02			S00355050	14.8	27	0.9	106	4.77		1.6
MMC-18-02	238.17	239.4	S00355051	87.4	208	1.6	1140	8.36		0.7
MMC-18-02	239.4	240.57	S00355052	78	148	1.4	1580	8.36		0.7
MMC-18-02	240.57	241.54	S00355053	73.8	185	0.8	1270	8		0.4
MMC-18-02	241.54	242.55	S00355054	60.9	196	0.9	674	8.23		0.6
MMC-18-02	242.55	243.55	S00355055	74	200	1.5	580	8.54		0.7
MMC-18-02	243.55	244.58	S00355056	52	225	1	89	7.98		0.6
MMC-18-02	244.58	245.6	S00355057	61.2	251	1.1	316	8.45		0.6
MMC-18-02	245.6	246.64	S00355058	59.4	253	1.6	202	8.84		0.5
MMC-18-02	246.64	247.81	S00355059	77.7	226	1.8	484	9.64		0.6
MMC-18-02			S00355060	15.3	37	1	103	4.87		1.4
MMC-18-02	247.81	248.87	S00355061	66.7	137	2.5	652	9.16		0.8
MMC-18-02	248.87	249.9	S00355062	104	121	2.1	2050	10.4		0.7
MMC-18-02	249.9	251	S00355063	69.9	120	2.1	637	9.63		0.7
MMC-18-02	251	252.13	S00355064	78.1	98	2	815	9.08		0.9
MMC-18-02	252.13	253.01	S00355065	53.8	111	2.3	288	8.87		0.6
MMC-18-02	253.01	253.32	S00355066	71.5	146	2	327	9.58		0.6
MMC-18-02	253.32	254.46	S00355067	58.1	141	3.5	228	9.6		0.9
MMC-18-02	254.46	255.59	S00355068	59.1	126	3.1	314	9.83		0.8
MMC-18-02	255.59	256.67	S00355069	57.7	116	3	309	9.49		0.9
MMC-18-02			S00355070	200	3090	2.5	2720	10.8		0.2
MMC-18-02	256.67	257.7	S00355071	58	107	2.4	319	9.53		0.8
MMC-18-02	257.7	258.45	S00355072	60.7	107	2.7	395	9.55		0.8
MMC-18-02	258.45	259.46	S00355073	58.1	78	2.8	354	9.62		0.8
MMC-18-02	259.46	260.55	S00355074	60.7	66	3.1	443	9.79		0.8
MMC-18-02	260.55	261.63	S00355075	57.1	50	2.6	497	9.28		0.8
MMC-18-02	261.63	262.61	S00355076	53.4	39	2.6	520	8.44		0.8
MMC-18-02	264.85	265.91	S00355077	48.4	43	2.1	306	6.85		0.9
MMC-18-02	265.91	266.22	S00355078	49.7	42	0.9	917	7.25		0.4
MMC-18-02	266.22	267.31	S00355079	55.4	40	0.4	370	7.63		0.2
MMC-18-02	266.22	267.31	S00355080	52.6	48	1.1	404	7.99		0.4
MMC-18-02	267.31	268.4	S00355081	56.5	42	2.8	384	8.8		0.8
MMC-18-02	268.4	269.66	S00355082	67.4	53	2.6	1030	9.98		0.7
MMC-18-02	269.66	270.79	S00355083	45.5	53	0.5	317	6.94		0.5
MMC-18-02	275	275.97	S00355084	59.1	44	3	960	9.21		0.8
MMC-18-02	275.97	277.1	S00355085	53.5	45	1.9	1020	8.32		0.6
MMC-18-02	277.1	278.16	S00355086	55.3	46	2.6	878	8.64		0.7
MMC-18-02	278.16	279.23	S00355087	49.9	49	2.9	479	7.72		1.1
MMC-18-02	279.23	280.25	S00355088	49.5	57	2.2	232	7.65		0.9
MMC-18-02	289.74	290.69	S00355089	52.8	68	1.8	144	8.34		0.6
MMC-18-02			S00355090	960	364	0.7	15800	17.9		0.3



Hole number	From	To	Sample Number	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A
MMC-18-02	290.69	291.08	S00355091	47.8	62	3	104	8.17		0.8
MMC-18-02	291.08	292.2	S00355092	52.9	66	2.5	123	8.49		0.7

Hole number	From	To	Sample Number	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A
MMC-18-02	9.62	9.92	S00355001	25	12	0.44	40	2	25
MMC-18-02	13.92	14.54	S00355002	8.8	6	0.2	40	3	16
MMC-18-02	21.97	22.82	S00355003	16.6	13	0.42	50	2	23
MMC-18-02	58.83	59.15	S00355004	6.8	9	0.24	50	3	17
MMC-18-02	62.45	62.75	S00355005	11.5	8	0.3	70	3	16
MMC-18-02	71	71.6	S00355006	8.5	7	0.4	60	3	18
MMC-18-02	74.34	74.64	S00355007	53.5	38	1.37	60	8	64
MMC-18-02	75.5	75.8	S00355008	9.6	13	0.44	40	1	12
MMC-18-02	82.52	83	S00355009	5.8	7	0.41	70	3	14
MMC-18-02			S00355010	12.1	9	1.72	920	6	16
MMC-18-02	116.12	116.49	S00355011	28	10	0.21	60	1	7
MMC-18-02	137.87	138.17	S00355012	7.8	8	0.2	50	3	9
MMC-18-02	147	147.3	S00355013	10.7	17	0.71	90	3	21
MMC-18-02	158.95	159.25	S00355014	6.5	2.5	0.11	60	4	11
MMC-18-02	161.33	161.63	S00355015	7.1	5	0.11	50	4	11
MMC-18-02	170	170.95	S00355016	23.9	18	1.11	180	2	47
MMC-18-02	173	173.5	S00355017	10.2	13	0.57	80	2	20
MMC-18-02	173.5	174	S00355018	20.1	9	0.6	90	2	20
MMC-18-02	174	174.5	S00355019	14.1	15	0.69	90	2	19
MMC-18-02			S00355020	3.8	28	14.1	1290	1	4110
MMC-18-02	194	195	S00355021	44.2	18	4.38	580	4	1080
MMC-18-02	208.18	209.18	S00355022	47.2	16	3.43	470	1	154
MMC-18-02	209.18	209.7	S00355023	28.7	17	3.18	630	1	90
MMC-18-02	209.7	210.07	S00355024	23.4	14	2.7	660	1	68
MMC-18-02	210.07	210.5	S00355025	23.9	11	2.54	650	1	102
MMC-18-02	210.5	211.5	S00355026	21.6	17	2.61	790	1	57
MMC-18-02	213.13	214.13	S00355027	21.6	19	2.64	1090	1	57
MMC-18-02	214.13	215	S00355028	22.4	20	2.63	1060	1	61
MMC-18-02	215	215.43	S00355029	21.6	21	2.67	1100	1	73
MMC-18-02	215	215.43	S00355030	21.7	21	2.75	1140	1	62
MMC-18-02	215.43	215.89	S00355031	22.6	18	2.72	1100	1	69
MMC-18-02	215.89	216.19	S00355032	22.5	22	2.67	1100	1	64
MMC-18-02	216.19	217.19	S00355033	26.1	19	2.34	1020	1	47
MMC-18-02	222.5	223.5	S00355034	21.3	17	2.59	1160	1	72
MMC-18-02	223.5	224.04	S00355035	20.8	17	3.05	1310	6	2700
MMC-18-02	224.04	225.11	S00355036	20.2	20	3.3	1300	3	144
MMC-18-02	225.11	226.11	S00355037	19.8	20	3.16	1220	8	935
MMC-18-02	226.11	226.97	S00355038	18.1	15	3.03	1110	27	2500
MMC-18-02	226.97	227.95	S00355039	17.1	17	3.2	1130	4	1280
MMC-18-02			S00355040	7.5	11	4.35	1000	8	46200
MMC-18-02	227.95	228.96	S00355041	19.2	21	3.37	1190	3	1040
MMC-18-02	228.96	230	S00355042	17.3	22	3.26	1190	3	926
MMC-18-02	230	231.15	S00355043	16.4	17	3.5	1270	16	3330
MMC-18-02	231.15	232.47	S00355044	16.5	20	3.44	1300	7	1890
MMC-18-02	232.47	233.63	S00355045	15.4	19	3.69	1310	18	3900

Hole number	From	To	Sample Number	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A
MMC-18-02	233.63	234.96	S00355046	12.3	19	4.02	1240	12	5990
MMC-18-02	234.96	235.97	S00355047	12.6	22	4.57	1310	4	2010
MMC-18-02	235.97	237.1	S00355048	11.9	23	4.41	1230	13	3840
MMC-18-02	237.1	238.17	S00355049	11.4	22	3.82	1170	4	3270
MMC-18-02			S00355050	11.7	11	1.73	960	5	19
MMC-18-02	238.17	239.4	S00355051	12.9	14	3.29	1050	1	917
MMC-18-02	239.4	240.57	S00355052	12.2	12	3.59	1030	1	981
MMC-18-02	240.57	241.54	S00355053	10.1	12	3.93	1100	1	734
MMC-18-02	241.54	242.55	S00355054	9.9	14	3.92	1120	1	492
MMC-18-02	242.55	243.55	S00355055	10.1	16	4.11	1150	1	457
MMC-18-02	243.55	244.58	S00355056	9.7	14	4.33	1140	1	116
MMC-18-02	244.58	245.6	S00355057	9.8	17	4.5	1170	1	272
MMC-18-02	245.6	246.64	S00355058	8.9	17	4.33	1260	1	175
MMC-18-02	246.64	247.81	S00355059	8.8	14	4.35	1320	1	407
MMC-18-02			S00355060	12.2	12	1.69	930	6	23
MMC-18-02	247.81	248.87	S00355061	11	12	3.59	1320	1	365
MMC-18-02	248.87	249.9	S00355062	12.3	16	3.42	1320	1	1790
MMC-18-02	249.9	251	S00355063	9.5	18	4.02	1340	1	679
MMC-18-02	251	252.13	S00355064	11.5	16	3.53	1250	1	473
MMC-18-02	252.13	253.01	S00355065	11.1	14	3.61	1250	1	140
MMC-18-02	253.01	253.32	S00355066	10.8	17	3.63	1240	1	364
MMC-18-02	253.32	254.46	S00355067	12.5	19	3.52	1380	1	146
MMC-18-02	254.46	255.59	S00355068	13.7	18	3.53	1410	1	171
MMC-18-02	255.59	256.67	S00355069	13.3	17	3.52	1390	1	164
MMC-18-02			S00355070	3.6	31	14.1	1250	1	4050
MMC-18-02	256.67	257.7	S00355071	12.5	15	3.61	1390	1	165
MMC-18-02	257.7	258.45	S00355072	12.1	17	3.77	1420	1	180
MMC-18-02	258.45	259.46	S00355073	12.4	17	3.7	1430	1	153
MMC-18-02	259.46	260.55	S00355074	12.4	19	3.72	1450	1	155
MMC-18-02	260.55	261.63	S00355075	10.8	17	3.91	1360	1	144
MMC-18-02	261.63	262.61	S00355076	11.9	13	3.5	1280	1	121
MMC-18-02	264.85	265.91	S00355077	11.2	15	3.54	1120	1	103
MMC-18-02	265.91	266.22	S00355078	9.8	17	3.3	1150	1	112
MMC-18-02	266.22	267.31	S00355079	9.8	11	3.5	1180	1	109
MMC-18-02	266.22	267.31	S00355080	9.6	17	3.63	1240	1	115
MMC-18-02	267.31	268.4	S00355081	9.1	15	3.6	1290	1	108
MMC-18-02	268.4	269.66	S00355082	8.3	16	4.23	1420	1	301
MMC-18-02	269.66	270.79	S00355083	10.4	11	3.52	1160	1	124
MMC-18-02	275	275.97	S00355084	8.1	16	4.02	1330	1	176
MMC-18-02	275.97	277.1	S00355085	10.4	16	3.62	1240	1	229
MMC-18-02	277.1	278.16	S00355086	11.2	16	3.7	1240	1	209
MMC-18-02	278.16	279.23	S00355087	11.3	18	3.83	1170	1	147
MMC-18-02	279.23	280.25	S00355088	10.8	21	3.64	1200	1	110
MMC-18-02	289.74	290.69	S00355089	8.8	16	3.99	1310	1	115
MMC-18-02			S00355090	7.4	10	4.17	960	7	45500

Hole number	From	To	Sample Number	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A
MMC-18-02	290.69	291.08	S00355091	8.9	15	4.15	1230	1	111
MMC-18-02	291.08	292.2	S00355092	9.1	20	4.26	1300	1	131

Hole number	From	To	Sample Number	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313
MMC-18-02	9.62	9.92	S00355001	0.03	8	0.5	Imported	SD180098	5
MMC-18-02	13.92	14.54	S00355002	0.01	8	0.5	Imported	SD180098	5
MMC-18-02	21.97	22.82	S00355003	0.02	6	0.5	Imported	SD180098	5
MMC-18-02	58.83	59.15	S00355004	0.005	10	0.5	Imported	SD180098	5
MMC-18-02	62.45	62.75	S00355005	0.005	8	0.5	Imported	SD180098	5
MMC-18-02	71	71.6	S00355006	0.005	9	0.5	Imported	SD180098	5
MMC-18-02	74.34	74.64	S00355007	0.07	8	2	Imported	SD180098	5
MMC-18-02	75.5	75.8	S00355008	0.01	8	0.5	Imported	SD180098	5
MMC-18-02	82.52	83	S00355009	0.005	5	0.5	Imported	SD180098	5
MMC-18-02			S00355010	0.06	8	1	Passed	SD180098	5
MMC-18-02	116.12	116.49	S00355011	0.05	25	0.5	Imported	SD180098	5
MMC-18-02	137.87	138.17	S00355012	0.005	8	0.5	Imported	SD180098	5
MMC-18-02	147	147.3	S00355013	0.02	6	0.5	Imported	SD180098	5
MMC-18-02	158.95	159.25	S00355014	0.01	7	0.5	Imported	SD180098	5
MMC-18-02	161.33	161.63	S00355015	0.01	8	0.5	Imported	SD180098	5
MMC-18-02	170	170.95	S00355016	0.03	10	2	Imported	SD180098	5
MMC-18-02	173	173.5	S00355017	0.01	18	0.5	Imported	SD180098	5
MMC-18-02	173.5	174	S00355018	0.03	14	0.5	Imported	SD180098	5
MMC-18-02	174	174.5	S00355019	0.02	12	0.5	Imported	SD180098	5
MMC-18-02			S00355020	0.03	5	555	Passed	SD180098	430
MMC-18-02	194	195	S00355021	0.08	30	2	Imported	SD180098	5
MMC-18-02	208.18	209.18	S00355022	0.06	22	3	Imported	SD180098	5
MMC-18-02	209.18	209.7	S00355023	0.05	39	4	Imported	SD180098	5
MMC-18-02	209.7	210.07	S00355024	0.05	38	4	Imported	SD180098	5
MMC-18-02	210.07	210.5	S00355025	0.04	26	5	Imported	SD180098	5
MMC-18-02	210.5	211.5	S00355026	0.05	30	2	Imported	SD180098	5
MMC-18-02	213.13	214.13	S00355027	0.04	10	2	Imported	SD180098	5
MMC-18-02	214.13	215	S00355028	0.05	10	3	Imported	SD180098	5
MMC-18-02	215	215.43	S00355029	0.05	10	3	Imported	SD180098	5
MMC-18-02	215	215.43	S00355030	0.05	10	2	Imported	SD180098	5
MMC-18-02	215.43	215.89	S00355031	0.04	10	3	Imported	SD180098	5
MMC-18-02	215.89	216.19	S00355032	0.05	10	2	Imported	SD180098	5
MMC-18-02	216.19	217.19	S00355033	0.05	10	1	Imported	SD180098	5
MMC-18-02	222.5	223.5	S00355034	0.05	6	3	Imported	SD180098	5
MMC-18-02	223.5	224.04	S00355035	0.05	7	111	Imported	SD180098	180
MMC-18-02	224.04	225.11	S00355036	0.05	6	9	Imported	SD180098	5
MMC-18-02	225.11	226.11	S00355037	0.04	7	86	Imported	SD180098	60
MMC-18-02	226.11	226.97	S00355038	0.04	7	165	Imported	SD180098	170
MMC-18-02	226.97	227.95	S00355039	0.05	7	107	Imported	SD180098	110
MMC-18-02			S00355040	0.05	21	3480	Passed	SD180098	850
MMC-18-02	227.95	228.96	S00355041	0.04	7	118	Imported	SD180098	20
MMC-18-02	228.96	230	S00355042	0.04	7	80	Imported	SD180098	50
MMC-18-02	230	231.15	S00355043	0.03	7	242	Imported	SD180098	640
MMC-18-02	231.15	232.47	S00355044	0.04	7	167	Imported	SD180098	370
MMC-18-02	232.47	233.63	S00355045	0.04	6	440	Imported	SD180098	380

Hole number	From	To	Sample Number	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313
MMC-18-02	233.63	234.96	S00355046	0.03	6	399	Imported	SD180098	370
MMC-18-02	234.96	235.97	S00355047	0.03	7	257	Imported	SD180098	370
MMC-18-02	235.97	237.1	S00355048	0.03	7	191	Imported	SD180098	180
MMC-18-02	237.1	238.17	S00355049	0.02	7	185	Imported	SD180098	170
MMC-18-02			S00355050	0.06	10	1	Passed	SD180098	5
MMC-18-02	238.17	239.4	S00355051	0.03	8	116	Imported	SD180099	120
MMC-18-02	239.4	240.57	S00355052	0.03	7	114	Imported	SD180099	50
MMC-18-02	240.57	241.54	S00355053	0.02	7	62	Imported	SD180099	40
MMC-18-02	241.54	242.55	S00355054	0.03	8	48	Imported	SD180099	60
MMC-18-02	242.55	243.55	S00355055	0.03	7	81	Imported	SD180099	140
MMC-18-02	243.55	244.58	S00355056	0.02	6	9	Imported	SD180099	10
MMC-18-02	244.58	245.6	S00355057	0.02	6	24	Imported	SD180099	20
MMC-18-02	245.6	246.64	S00355058	0.02	7	19	Imported	SD180099	30
MMC-18-02	246.64	247.81	S00355059	0.02	6	55	Imported	SD180099	70
MMC-18-02			S00355060	0.06	8	1	Passed	SD180099	5
MMC-18-02	247.81	248.87	S00355061	0.03	6	48	Imported	SD180099	60
MMC-18-02	248.87	249.9	S00355062	0.04	5	203	Imported	SD180099	200
MMC-18-02	249.9	251	S00355063	0.03	5	59	Imported	SD180099	60
MMC-18-02	251	252.13	S00355064	0.04	7	122	Imported	SD180099	90
MMC-18-02	252.13	253.01	S00355065	0.04	6	10	Imported	SD180099	20
MMC-18-02	253.01	253.32	S00355066	0.03	6	23	Imported	SD180099	70
MMC-18-02	253.32	254.46	S00355067	0.04	5	15	Imported	SD180099	5
MMC-18-02	254.46	255.59	S00355068	0.05	5	36	Imported	SD180099	20
MMC-18-02	255.59	256.67	S00355069	0.04	5	29	Imported	SD180099	10
MMC-18-02			S00355070	0.03	7	539	Passed	SD180099	400
MMC-18-02	256.67	257.7	S00355071	0.04	5	35	Imported	SD180099	10
MMC-18-02	257.7	258.45	S00355072	0.04	5	48	Imported	SD180099	20
MMC-18-02	258.45	259.46	S00355073	0.04	5	42	Imported	SD180099	10
MMC-18-02	259.46	260.55	S00355074	0.04	5	54	Imported	SD180099	20
MMC-18-02	260.55	261.63	S00355075	0.04	5	53	Imported	SD180099	30
MMC-18-02	261.63	262.61	S00355076	0.04	6	14	Imported	SD180099	10
MMC-18-02	264.85	265.91	S00355077	0.02	6	22	Imported	SD180099	10
MMC-18-02	265.91	266.22	S00355078	0.02	5	12	Imported	SD180099	5
MMC-18-02	266.22	267.31	S00355079	0.02	8	20	Imported	SD180099	5
MMC-18-02	266.22	267.31	S00355080	0.02	8	16	Imported	SD180099	5
MMC-18-02	267.31	268.4	S00355081	0.03	6	14	Imported	SD180099	5
MMC-18-02	268.4	269.66	S00355082	0.03	6	63	Imported	SD180099	50
MMC-18-02	269.66	270.79	S00355083	0.02	7	19	Imported	SD180099	10
MMC-18-02	275	275.97	S00355084	0.04	6	25	Imported	SD180099	20
MMC-18-02	275.97	277.1	S00355085	0.04	7	35	Imported	SD180099	20
MMC-18-02	277.1	278.16	S00355086	0.04	7	32	Imported	SD180099	30
MMC-18-02	278.16	279.23	S00355087	0.03	7	21	Imported	SD180099	30
MMC-18-02	279.23	280.25	S00355088	0.03	7	19	Imported	SD180099	20
MMC-18-02	289.74	290.69	S00355089	0.03	7	13	Imported	SD180099	5
MMC-18-02			S00355090	0.05	15	3650	Passed	SD180099	850

Hole number	From	To	Sample Number	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313
MMC-18-02	290.69	291.08	S00355091	0.03	7	18	Imported	SD180099	5
MMC-18-02	291.08	292.2	S00355092	0.03	8	14	Imported	SD180099	5

Hole number	From	To	Sample Number	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A
MMC-18-02	9.62	9.92	S00355001	Imported	SD180098	0.5	0.5	37.5	2
MMC-18-02	13.92	14.54	S00355002	Imported	SD180098	0.5	0.5	40	0.5
MMC-18-02	21.97	22.82	S00355003	Imported	SD180098	0.5	0.5	37.3	1
MMC-18-02	58.83	59.15	S00355004	Imported	SD180098	0.5	0.5	40	0.5
MMC-18-02	62.45	62.75	S00355005	Imported	SD180098	0.5	0.5	40	0.5
MMC-18-02	71	71.6	S00355006	Imported	SD180098	0.5	0.5	39.5	0.5
MMC-18-02	74.34	74.64	S00355007	Imported	SD180098	0.5	0.5	28.2	7
MMC-18-02	75.5	75.8	S00355008	Imported	SD180098	0.5	0.5	38.6	0.5
MMC-18-02	82.52	83	S00355009	Imported	SD180098	0.5	0.5	40	0.5
MMC-18-02			S00355010	Passed	SD180098	0.5	0.5	27.7	5
MMC-18-02	116.12	116.49	S00355011	Imported	SD180098	0.5	0.5	36.5	6
MMC-18-02	137.87	138.17	S00355012	Imported	SD180098	0.5	0.5	37	4
MMC-18-02	147	147.3	S00355013	Imported	SD180098	0.5	0.5	40	5
MMC-18-02	158.95	159.25	S00355014	Imported	SD180098	0.5	0.5	40	0.5
MMC-18-02	161.33	161.63	S00355015	Imported	SD180098	0.5	0.5	40	0.5
MMC-18-02	170	170.95	S00355016	Imported	SD180098	0.5	0.5	33.8	5
MMC-18-02	173	173.5	S00355017	Imported	SD180098	0.5	0.5	38.6	5
MMC-18-02	173.5	174	S00355018	Imported	SD180098	0.5	0.5	39.1	5
MMC-18-02	174	174.5	S00355019	Imported	SD180098	0.5	0.5	37.9	0.5
MMC-18-02			S00355020	Passed	SD180098	1.58	4	18.1	0.5
MMC-18-02	194	195	S00355021	Imported	SD180098	0.5	2	28.3	8
MMC-18-02	208.18	209.18	S00355022	Imported	SD180098	0.5	0.5	26.5	8
MMC-18-02	209.18	209.7	S00355023	Imported	SD180098	0.5	0.5	25.1	4
MMC-18-02	209.7	210.07	S00355024	Imported	SD180098	0.5	0.5	26.5	6
MMC-18-02	210.07	210.5	S00355025	Imported	SD180098	0.5	0.5	24.8	1
MMC-18-02	210.5	211.5	S00355026	Imported	SD180098	0.5	0.5	26.9	2
MMC-18-02	213.13	214.13	S00355027	Imported	SD180098	0.5	0.5	25.8	1
MMC-18-02	214.13	215	S00355028	Imported	SD180098	0.5	0.5	26.2	1
MMC-18-02	215	215.43	S00355029	Imported	SD180098	0.5	0.5	24.6	1
MMC-18-02	215	215.43	S00355030	Imported	SD180098	0.5	0.5	26.3	1
MMC-18-02	215.43	215.89	S00355031	Imported	SD180098	0.5	0.5	25	1
MMC-18-02	215.89	216.19	S00355032	Imported	SD180098	0.5	0.5	26.9	2
MMC-18-02	216.19	217.19	S00355033	Imported	SD180098	0.5	0.5	26.5	2
MMC-18-02	222.5	223.5	S00355034	Imported	SD180098	0.5	0.5	26	1
MMC-18-02	223.5	224.04	S00355035	Imported	SD180098	2.72	0.5	24.1	1
MMC-18-02	224.04	225.11	S00355036	Imported	SD180098	0.5	0.5	26.1	1
MMC-18-02	225.11	226.11	S00355037	Imported	SD180098	0.5	0.5	24.9	1
MMC-18-02	226.11	226.97	S00355038	Imported	SD180098	2.14	0.5	23.9	0.5
MMC-18-02	226.97	227.95	S00355039	Imported	SD180098	0.5	0.5	25.1	0.5
MMC-18-02			S00355040	Passed	SD180098	8.8	3	15.8	3
MMC-18-02	227.95	228.96	S00355041	Imported	SD180098	0.5	0.5	25.3	1
MMC-18-02	228.96	230	S00355042	Imported	SD180098	0.5	0.5	25.3	1
MMC-18-02	230	231.15	S00355043	Imported	SD180098	2.45	0.5	23.3	1
MMC-18-02	231.15	232.47	S00355044	Imported	SD180098	0.5	0.5	24.2	1
MMC-18-02	232.47	233.63	S00355045	Imported	SD180098	2.97	0.5	23.1	1



Hole number	From	To	Sample Number	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A
MMC-18-02	233.63	234.96	S00355046	Imported	SD180098	4.44	0.5	21.9	1
MMC-18-02	234.96	235.97	S00355047	Imported	SD180098	1.08	0.5	24.2	1
MMC-18-02	235.97	237.1	S00355048	Imported	SD180098	2.74	0.5	22.7	0.5
MMC-18-02	237.1	238.17	S00355049	Imported	SD180098	1.96	0.5	22.5	0.5
MMC-18-02			S00355050	Passed	SD180098	0.5	0.5	26.6	1
MMC-18-02	238.17	239.4	S00355051	Imported	SD180099	0.5	0.5	23.1	0.5
MMC-18-02	239.4	240.57	S00355052	Imported	SD180099	0.5	0.5	22.4	0.5
MMC-18-02	240.57	241.54	S00355053	Imported	SD180099	0.5	0.5	23.6	0.5
MMC-18-02	241.54	242.55	S00355054	Imported	SD180099	0.5	0.5	23	0.5
MMC-18-02	242.55	243.55	S00355055	Imported	SD180099	0.5	0.5	22.9	0.5
MMC-18-02	243.55	244.58	S00355056	Imported	SD180099	0.5	0.5	23.5	0.5
MMC-18-02	244.58	245.6	S00355057	Imported	SD180099	0.5	0.5	23.2	0.5
MMC-18-02	245.6	246.64	S00355058	Imported	SD180099	0.5	0.5	23.2	0.5
MMC-18-02	246.64	247.81	S00355059	Imported	SD180099	0.5	0.5	22.7	0.5
MMC-18-02			S00355060	Passed	SD180099	0.5	0.5	27.9	1
MMC-18-02	247.81	248.87	S00355061	Imported	SD180099	0.5	0.5	23.3	0.5
MMC-18-02	248.87	249.9	S00355062	Imported	SD180099	0.5	0.5	23.6	1
MMC-18-02	249.9	251	S00355063	Imported	SD180099	0.5	0.5	23.4	0.5
MMC-18-02	251	252.13	S00355064	Imported	SD180099	0.5	0.5	22.9	0.5
MMC-18-02	252.13	253.01	S00355065	Imported	SD180099	0.5	0.5	21.7	0.5
MMC-18-02	253.01	253.32	S00355066	Imported	SD180099	0.5	0.5	22.5	0.5
MMC-18-02	253.32	254.46	S00355067	Imported	SD180099	0.5	0.5	24.4	1
MMC-18-02	254.46	255.59	S00355068	Imported	SD180099	0.5	0.5	24.3	1
MMC-18-02	255.59	256.67	S00355069	Imported	SD180099	0.5	0.5	24.1	1
MMC-18-02			S00355070	Passed	SD180099	1.69	3	17.5	0.5
MMC-18-02	256.67	257.7	S00355071	Imported	SD180099	0.5	0.5	23.6	0.5
MMC-18-02	257.7	258.45	S00355072	Imported	SD180099	0.5	0.5	24.3	0.5
MMC-18-02	258.45	259.46	S00355073	Imported	SD180099	0.5	0.5	23.7	1
MMC-18-02	259.46	260.55	S00355074	Imported	SD180099	0.5	0.5	24.5	1
MMC-18-02	260.55	261.63	S00355075	Imported	SD180099	0.5	0.5	23.2	0.5
MMC-18-02	261.63	262.61	S00355076	Imported	SD180099	0.5	0.5	23.8	0.5
MMC-18-02	264.85	265.91	S00355077	Imported	SD180099	0.5	0.5	24.5	0.5
MMC-18-02	265.91	266.22	S00355078	Imported	SD180099	0.5	0.5	24.2	0.5
MMC-18-02	266.22	267.31	S00355079	Imported	SD180099	0.5	2	23.7	0.5
MMC-18-02	266.22	267.31	S00355080	Imported	SD180099	0.5	1	24.8	0.5
MMC-18-02	267.31	268.4	S00355081	Imported	SD180099	0.5	0.5	24.3	0.5
MMC-18-02	268.4	269.66	S00355082	Imported	SD180099	0.5	0.5	23.6	0.5
MMC-18-02	269.66	270.79	S00355083	Imported	SD180099	0.5	0.5	25.1	0.5
MMC-18-02	275	275.97	S00355084	Imported	SD180099	0.5	0.5	24	0.5
MMC-18-02	275.97	277.1	S00355085	Imported	SD180099	0.5	0.5	23.4	0.5
MMC-18-02	277.1	278.16	S00355086	Imported	SD180099	0.5	0.5	23.7	0.5
MMC-18-02	278.16	279.23	S00355087	Imported	SD180099	0.5	0.5	24.6	0.5
MMC-18-02	279.23	280.25	S00355088	Imported	SD180099	0.5	0.5	25.3	0.5
MMC-18-02	289.74	290.69	S00355089	Imported	SD180099	0.5	0.5	24.8	0.5
MMC-18-02			S00355090	Passed	SD180099	8.6	3	14.7	2

Hole number	From	To	Sample Number	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A
MMC-18-02	290.69	291.08	S00355091	Imported	SD180099	0.5	0.5	25.1	0.5
MMC-18-02	291.08	292.2	S00355092	Imported	SD180099	0.5	0.5	24.3	0.5

Hole number	From	To	Sample Number	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A	V ppm GE_IMS90A	W ppm GE_IMS90A	WtKg kg G_WGH79
MMC-18-02	9.62	9.92	S00355001	20	1	0.24	43	2.5	0.683
MMC-18-02	13.92	14.54	S00355002	20	0.5	0.05	14	2.5	1.326
MMC-18-02	21.97	22.82	S00355003	10	0.5	0.16	37	2.5	2.085
MMC-18-02	58.83	59.15	S00355004	10	0.5	0.05	8	2.5	0.65
MMC-18-02	62.45	62.75	S00355005	20	0.5	0.07	9	2.5	0.619
MMC-18-02	71	71.6	S00355006	30	0.5	0.08	14	2.5	1.304
MMC-18-02	74.34	74.64	S00355007	20	0.5	0.46	129	2.5	0.715
MMC-18-02	75.5	75.8	S00355008	40	0.5	0.05	14	2.5	0.743
MMC-18-02	82.52	83	S00355009	20	0.5	0.06	9	2.5	0.808
MMC-18-02			S00355010	450	0.5	0.29	134	2.5	0.033
MMC-18-02	116.12	116.49	S00355011	160	0.5	0.07	6	2.5	0.671
MMC-18-02	137.87	138.17	S00355012	40	0.5	0.05	2.5	2.5	0.531
MMC-18-02	147	147.3	S00355013	30	0.5	0.14	24	2.5	0.441
MMC-18-02	158.95	159.25	S00355014	20	0.5	0.04	5	2.5	0.554
MMC-18-02	161.33	161.63	S00355015	20	0.5	0.05	5	2.5	0.501
MMC-18-02	170	170.95	S00355016	40	0.5	0.26	68	2.5	2.271
MMC-18-02	173	173.5	S00355017	60	0.5	0.09	20	2.5	1.07
MMC-18-02	173.5	174	S00355018	50	0.5	0.16	18	2.5	0.997
MMC-18-02	174	174.5	S00355019	50	0.5	0.15	22	2.5	1.172
MMC-18-02			S00355020	30	1	0.33	138	2.5	0.103
MMC-18-02	194	195	S00355021	30	0.5	0.58	106	2.5	1.828
MMC-18-02	208.18	209.18	S00355022	70	0.5	0.86	239	2.5	1.94
MMC-18-02	209.18	209.7	S00355023	80	0.5	0.8	236	2.5	1.296
MMC-18-02	209.7	210.07	S00355024	130	0.5	0.81	216	2.5	0.915
MMC-18-02	210.07	210.5	S00355025	160	0.5	0.72	225	2.5	1.008
MMC-18-02	210.5	211.5	S00355026	180	0.5	0.83	235	2.5	2.524
MMC-18-02	213.13	214.13	S00355027	200	0.5	0.77	227	2.5	2.586
MMC-18-02	214.13	215	S00355028	200	0.5	0.75	226	2.5	2.099
MMC-18-02	215	215.43	S00355029	200	0.5	0.75	236	2.5	0.526
MMC-18-02	215	215.43	S00355030	200	0.5	0.77	244	2.5	0.522
MMC-18-02	215.43	215.89	S00355031	200	0.5	0.75	237	2.5	1.032
MMC-18-02	215.89	216.19	S00355032	200	0.5	0.8	238	2.5	0.713
MMC-18-02	216.19	217.19	S00355033	200	0.5	0.75	205	2.5	2.293
MMC-18-02	222.5	223.5	S00355034	170	0.5	0.84	246	2.5	2.667
MMC-18-02	223.5	224.04	S00355035	110	3	0.9	302	2.5	1.373
MMC-18-02	224.04	225.11	S00355036	140	0.5	0.87	295	2.5	2.541
MMC-18-02	225.11	226.11	S00355037	170	0.5	0.79	312	2.5	2.268
MMC-18-02	226.11	226.97	S00355038	180	3	0.61	292	2.5	2.024
MMC-18-02	226.97	227.95	S00355039	190	2	0.56	277	2.5	2.273
MMC-18-02			S00355040	170	5	0.52	81	2.5	0.112
MMC-18-02	227.95	228.96	S00355041	180	1	0.56	283	2.5	2.466
MMC-18-02	228.96	230	S00355042	190	1	0.6	267	2.5	2.598
MMC-18-02	230	231.15	S00355043	160	4	0.54	283	2.5	2.907
MMC-18-02	231.15	232.47	S00355044	150	2	0.64	277	2.5	3.226
MMC-18-02	232.47	233.63	S00355045	130	6	0.47	313	2.5	2.91

Hole number	From	To	Sample Number	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A	V ppm GE_IMS90A	W ppm GE_IMS90A	WtKg kg G_WGH79
MMC-18-02	233.63	234.96	S00355046	130	6	0.47	258	2.5	3.344
MMC-18-02	234.96	235.97	S00355047	160	3	0.58	274	2.5	2.519
MMC-18-02	235.97	237.1	S00355048	130	2	0.59	394	2.5	2.782
MMC-18-02	237.1	238.17	S00355049	160	3	0.61	342	2.5	2.661
MMC-18-02			S00355050	440	0.5	0.3	135	2.5	0.103
MMC-18-02	238.17	239.4	S00355051	210	1	0.43	249	2.5	3.116
MMC-18-02	239.4	240.57	S00355052	170	1	0.4	221	2.5	2.918
MMC-18-02	240.57	241.54	S00355053	170	0.5	0.34	224	2.5	2.474
MMC-18-02	241.54	242.55	S00355054	170	0.5	0.4	232	2.5	2.459
MMC-18-02	242.55	243.55	S00355055	170	1	0.42	237	2.5	2.539
MMC-18-02	243.55	244.58	S00355056	160	0.5	0.36	233	2.5	2.534
MMC-18-02	244.58	245.6	S00355057	150	0.5	0.38	252	2.5	2.498
MMC-18-02	245.6	246.64	S00355058	180	0.5	0.4	253	2.5	2.637
MMC-18-02	246.64	247.81	S00355059	170	0.5	0.43	233	2.5	3.149
MMC-18-02			S00355060	460	0.5	0.33	139	2.5	0.095
MMC-18-02	247.81	248.87	S00355061	180	0.5	0.53	250	2.5	2.535
MMC-18-02	248.87	249.9	S00355062	170	2	0.57	240	2.5	2.339
MMC-18-02	249.9	251	S00355063	160	0.5	0.49	244	2.5	3.243
MMC-18-02	251	252.13	S00355064	180	1	0.61	273	2.5	2.884
MMC-18-02	252.13	253.01	S00355065	180	0.5	0.54	232	2.5	2.171
MMC-18-02	253.01	253.32	S00355066	190	0.5	0.55	249	2.5	0.721
MMC-18-02	253.32	254.46	S00355067	160	0.5	0.63	245	2.5	2.904
MMC-18-02	254.46	255.59	S00355068	150	0.5	0.63	248	2.5	2.913
MMC-18-02	255.59	256.67	S00355069	160	0.5	0.62	232	2.5	2.819
MMC-18-02			S00355070	20	1	0.36	133	2.5	0.104
MMC-18-02	256.67	257.7	S00355071	160	0.5	0.62	221	2.5	2.719
MMC-18-02	257.7	258.45	S00355072	150	0.5	0.58	222	2.5	1.794
MMC-18-02	258.45	259.46	S00355073	160	0.5	0.62	231	2.5	2.589
MMC-18-02	259.46	260.55	S00355074	170	0.5	0.62	234	2.5	2.724
MMC-18-02	260.55	261.63	S00355075	150	0.5	0.54	213	2.5	2.697
MMC-18-02	261.63	262.61	S00355076	180	0.5	0.53	222	2.5	2.348
MMC-18-02	264.85	265.91	S00355077	180	0.5	0.33	163	2.5	2.663
MMC-18-02	265.91	266.22	S00355078	150	0.5	0.32	161	2.5	1.009
MMC-18-02	266.22	267.31	S00355079	190	0.5	0.37	184	2.5	1.171
MMC-18-02	266.22	267.31	S00355080	200	0.5	0.41	202	2.5	1.179
MMC-18-02	267.31	268.4	S00355081	180	0.5	0.47	210	2.5	2.593
MMC-18-02	268.4	269.66	S00355082	150	0.5	0.44	211	2.5	3.177
MMC-18-02	269.66	270.79	S00355083	190	0.5	0.45	186	2.5	2.79
MMC-18-02	275	275.97	S00355084	160	0.5	0.45	209	2.5	2.772
MMC-18-02	275.97	277.1	S00355085	190	0.5	0.55	214	2.5	2.592
MMC-18-02	277.1	278.16	S00355086	190	0.5	0.56	217	2.5	2.64
MMC-18-02	278.16	279.23	S00355087	180	0.5	0.5	200	2.5	2.416
MMC-18-02	279.23	280.25	S00355088	200	0.5	0.47	216	2.5	2.507
MMC-18-02	289.74	290.69	S00355089	180	0.5	0.48	219	2.5	2.302
MMC-18-02			S00355090	160	5	0.54	78	2.5	0.113

Hole number	From	To	Sample Number	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A	V ppm GE_IMS90A	W ppm GE_IMS90A	WtKg kg G_WGH79
MMC-18-02	290.69	291.08	S00355091	170	0.5	0.42	209	2.5	1.069
MMC-18-02	291.08	292.2	S00355092	190	0.5	0.48	232	2.5	2.728

Hole number	From	To	Sample Number	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A	parent sample number
MMC-18-02	9.62	9.92	S00355001	13.3	1.5	18	
MMC-18-02	13.92	14.54	S00355002	4.2	0.4	9	
MMC-18-02	21.97	22.82	S00355003	8.6	0.9	36	
MMC-18-02	58.83	59.15	S00355004	5	0.5	28	
MMC-18-02	62.45	62.75	S00355005	6	0.6	172	
MMC-18-02	71	71.6	S00355006	3.5	0.4	95	
MMC-18-02	74.34	74.64	S00355007	23	2.2	16	
MMC-18-02	75.5	75.8	S00355008	3.2	0.4	2.5	
MMC-18-02	82.52	83	S00355009	4.1	0.5	2.5	
MMC-18-02			S00355010	19.8	2.3	66	
MMC-18-02	116.12	116.49	S00355011	24.9	2.4	36	
MMC-18-02	137.87	138.17	S00355012	5.1	0.4	6	
MMC-18-02	147	147.3	S00355013	5.8	0.6	30	
MMC-18-02	158.95	159.25	S00355014	4.9	0.4	20	
MMC-18-02	161.33	161.63	S00355015	4.3	0.4	5	
MMC-18-02	170	170.95	S00355016	12	1.3	38	
MMC-18-02	173	173.5	S00355017	4.5	0.5	32	
MMC-18-02	173.5	174	S00355018	13.9	1.3	41	
MMC-18-02	174	174.5	S00355019	74.2	5.6	22	
MMC-18-02			S00355020	8.4	0.8	112	
MMC-18-02	194	195	S00355021	23.4	1.9	121	
MMC-18-02	208.18	209.18	S00355022	21.3	2.3	87	
MMC-18-02	209.18	209.7	S00355023	20.3	2.3	85	
MMC-18-02	209.7	210.07	S00355024	22.1	2.2	85	
MMC-18-02	210.07	210.5	S00355025	20.8	2.3	76	
MMC-18-02	210.5	211.5	S00355026	22	2.2	90	
MMC-18-02	213.13	214.13	S00355027	20.2	2	103	
MMC-18-02	214.13	215	S00355028	20.3	2.1	107	
MMC-18-02	215	215.43	S00355029	19.8	2.1	111	
MMC-18-02	215	215.43	S00355030	19.9	2.1	108	S00355029
MMC-18-02	215.43	215.89	S00355031	20.4	2.1	112	
MMC-18-02	215.89	216.19	S00355032	21.8	2.2	113	
MMC-18-02	216.19	217.19	S00355033	23.6	2.4	111	
MMC-18-02	222.5	223.5	S00355034	22	2.3	113	
MMC-18-02	223.5	224.04	S00355035	21.4	2.3	129	
MMC-18-02	224.04	225.11	S00355036	21	2.2	118	
MMC-18-02	225.11	226.11	S00355037	19.6	2.1	111	
MMC-18-02	226.11	226.97	S00355038	18.7	1.9	101	
MMC-18-02	226.97	227.95	S00355039	18.9	1.9	105	
MMC-18-02			S00355040	9.2	0.9	157	
MMC-18-02	227.95	228.96	S00355041	18.4	2	103	
MMC-18-02	228.96	230	S00355042	18	1.9	100	
MMC-18-02	230	231.15	S00355043	16.7	1.8	113	
MMC-18-02	231.15	232.47	S00355044	18	1.8	112	
MMC-18-02	232.47	233.63	S00355045	16.1	1.7	124	

Hole number	From	To	Sample Number	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A	parent sample number
MMC-18-02	233.63	234.96	S00355046	13.2	1.4	116	
MMC-18-02	234.96	235.97	S00355047	13.5	1.4	112	
MMC-18-02	235.97	237.1	S00355048	12.3	1.4	102	
MMC-18-02	237.1	238.17	S00355049	11.2	1.2	98	
MMC-18-02			S00355050	20.1	2.3	66	
MMC-18-02	238.17	239.4	S00355051	12.2	1.2	85	
MMC-18-02	239.4	240.57	S00355052	12.6	1.4	99	
MMC-18-02	240.57	241.54	S00355053	10.7	1.2	93	
MMC-18-02	241.54	242.55	S00355054	11.9	1.4	98	
MMC-18-02	242.55	243.55	S00355055	10.9	1.2	117	
MMC-18-02	243.55	244.58	S00355056	10.3	1.2	93	
MMC-18-02	244.58	245.6	S00355057	10.6	1.1	100	
MMC-18-02	245.6	246.64	S00355058	10.8	1.2	99	
MMC-18-02	246.64	247.81	S00355059	12.1	1.4	111	
MMC-18-02			S00355060	19.8	2.5	66	
MMC-18-02	247.81	248.87	S00355061	14.5	1.6	104	
MMC-18-02	248.87	249.9	S00355062	15.5	1.7	118	
MMC-18-02	249.9	251	S00355063	13.7	1.4	109	
MMC-18-02	251	252.13	S00355064	16	1.7	104	
MMC-18-02	252.13	253.01	S00355065	15.4	1.6	105	
MMC-18-02	253.01	253.32	S00355066	16.3	1.7	103	
MMC-18-02	253.32	254.46	S00355067	18	1.9	110	
MMC-18-02	254.46	255.59	S00355068	19.1	2	111	
MMC-18-02	255.59	256.67	S00355069	18.5	2	117	
MMC-18-02			S00355070	8	0.8	111	
MMC-18-02	256.67	257.7	S00355071	18.2	1.9	112	
MMC-18-02	257.7	258.45	S00355072	17.1	1.8	115	
MMC-18-02	258.45	259.46	S00355073	18.2	1.9	117	
MMC-18-02	259.46	260.55	S00355074	18	1.9	115	
MMC-18-02	260.55	261.63	S00355075	16.1	1.8	107	
MMC-18-02	261.63	262.61	S00355076	16.1	1.6	91	
MMC-18-02	264.85	265.91	S00355077	11.1	1.1	71	
MMC-18-02	265.91	266.22	S00355078	11.1	1.2	84	
MMC-18-02	266.22	267.31	S00355079	10.5	1.2	76	
MMC-18-02	266.22	267.31	S00355080	11.4	1.2	83	S00355079
MMC-18-02	267.31	268.4	S00355081	14.6	1.6	92	
MMC-18-02	268.4	269.66	S00355082	13.8	1.5	108	
MMC-18-02	269.66	270.79	S00355083	12.1	1.4	75	
MMC-18-02	275	275.97	S00355084	14.9	1.6	108	
MMC-18-02	275.97	277.1	S00355085	15.4	1.5	97	
MMC-18-02	277.1	278.16	S00355086	16.7	1.8	106	
MMC-18-02	278.16	279.23	S00355087	14.8	1.5	90	
MMC-18-02	279.23	280.25	S00355088	14.9	1.6	83	
MMC-18-02	289.74	290.69	S00355089	14.3	1.4	92	
MMC-18-02			S00355090	8.6	1	163	

Hole number	From	To	Sample Number	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A	parent sample number
MMC-18-02	290.69	291.08	S00355091	13.2	1.4	91	
MMC-18-02	291.08	292.2	S00355092	14.6	1.6	94	



Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-03	DD	NQ	Jacob Bellrose/Phil Trudel	EM plate below East Pit	450	350	432.02

Hole number	Core Photos
MMC-18-03	<p>MMC-18-03_Header_Core Photos_BX_45-48_190.30-207.58_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_97-100_414.95-432.02_m_MMC-18-03_Dry_EOH.JPG   MMC-18-03_Header_Core Photos_BX_45-48_190.30-207.58_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_21-24_87.63-104.87_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_17-20_70.55-87.63_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_81-84_354.28-362.87_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_57-60_242.11-258.92_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_29-32_122.71-140.00_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_41-44_173.35-190.30_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_1-4_0-19.42_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_73-76_311.00-328.23_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_69-72_293.41-311.00_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_89-92_380.21-397.56_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_29-32_122.71-140.00_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_69-72_293.41-311.00_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_65-68_276.03-293.41_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_25-28_104.87-122.71_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_37-40_156.90-173.35_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_33-36_140.00-156.90_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_25-28_104.87-122.71_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_85-88_362.87-380.21_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_61-64_258.92-276.03_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_93-96_397.56-414.95_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_85-88_362.87-380.21_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_49-52_207.58-224.91_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_57-60_242.11-258.92_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_77-80_328.23-345.28_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_49-52_207.58-224.91_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_21-24_87.63-104.87_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_5-8_19.42-36.45_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_61-64_258.92-276.03_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_9-12_36.45-53.78_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_65-68_276.03-293.41_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_5-8_19.42-36.45_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_53-56_224.91-242.11_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_77-80_328.23-345.28_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_97-100_414.95-432.02_m_MMC-18-03_Wet_EOH.JPG   MMC-18-03_Header_Core Photos_BX_13-16_53.78-70.55_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_13-16_53.78-70.55_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_81-84_345.28-349.71_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_17-20_70.55-87.63_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_37-40_156.90-173.35_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_33-36_140.00-156.90_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_89-92_380.21-397.56_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_81-84_345.28-349.71_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_93-96_397.56-414.95_m_MMC-18-03_Wet.JPG   MMC-18-03_Header_Core Photos_BX_9-12_36.45-53.78_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_1-4_0-19.42_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_41-44_173.35-190.30_m_MMC-18-03_Dry.JPG   MMC-18-03_Header_Core Photos_BX_53-56_224.91-242.11_m_MMC-18-03_Dry.JPG</p>

Hole number	coordinates.Type	coordinates.Grid	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting
MMC-18-03	Planned	NAD83 / UTM zone 17N	NAD83 / UTM zone 17N	5133889	5133889	436506

Hole number	converted.coordinates.Easting	coordinates.Elevation	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-03	436506	363	Exp	Mt	Coreshed	PAT-42274	2018-11-04	2018-11-13

Hole number	Comments
MMC-18-03	20 foot core barrel change at 254 m; reset at the next block to make up for discrepancy in meter marks and drill blocks 244.27-244.51, 252.67-252.82, 254.95-255.60, 265.11-265.71, 401.34-401.62

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-03	2018-11-03	2018-11-09	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-03	0	2.68	Overburden	OB
MMC-18-03	2.68	5	Metasediments	1A
MMC-18-03	5	8	Structure	FLT
MMC-18-03	8	11.25	Metasediments	1A
MMC-18-03	11.25	12.3	Structure	FLT
MMC-18-03	12.3	25	Metasediments	1A
MMC-18-03	25	25.7	Structure	SHR
MMC-18-03	25.7	26.87	Metasediments	1A
MMC-18-03	26.87	28.95	Structure	FLT
MMC-18-03	28.95	67.97	Metasediments	1A
MMC-18-03	67.97	68.75	Metasediments	1B
MMC-18-03	68.75	69	Structure	FLT
MMC-18-03	69	80.48	Metasediments	1A
MMC-18-03	80.48	81.2	Metasediments	1B
MMC-18-03	81.2	81.5	Structure	FLT
MMC-18-03	81.5	82.32	Metasediments	1B
MMC-18-03	82.32	84.06	Metasediments	1A
MMC-18-03	84.06	84.5	Structure	SHR
MMC-18-03	84.5	102.15	Metasediments	1A
MMC-18-03	102.15	102.85	Metasediments	1C

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-03	102.85	103.56	Metasediments	1A
MMC-18-03	103.56	107.5	Metasediments	1C
MMC-18-03	107.5	117.15	Metasediments	1A
MMC-18-03	117.15	124.65	Metasediments	1C
MMC-18-03	124.65	125.19	Metasediments	1B
MMC-18-03	125.19	134.03	Metasediments	1A
MMC-18-03	134.03	134.6	Structure	SHR
MMC-18-03	134.6	156.65	Metasediments	1A
MMC-18-03	156.65	160.08	Structure	FLT
MMC-18-03	160.08	166.56	Metasediments	1A
MMC-18-03	166.56	167.33	Metasediments	1C
MMC-18-03	167.33	200.72	Metasediments	1A
MMC-18-03	200.72	201.46	Metasediments	1B
MMC-18-03	201.46	202.36	Metasediments	1A
MMC-18-03	202.36	202.95	Metasediments	1B
MMC-18-03	202.95	206.85	Metasediments	1A
MMC-18-03	206.85	208.55	Metasediments	1B
MMC-18-03	208.55	236.8	Metasediments	1A



Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-03	236.8	242.45	Metasediments	1B
MMC-18-03	242.45	244.27	Metasediments	1C
MMC-18-03	244.27	244.51	Lost core	LC
MMC-18-03	244.51	252.67	Metasediments	1C
MMC-18-03	252.67	252.82	Lost core	LC
MMC-18-03	252.82	254.95	Metasediments	1C
MMC-18-03	254.95	255.6	Lost core	LC
MMC-18-03	255.6	257.68	Metasediments	1C
MMC-18-03	257.68	259.61	Metasediments	1B
MMC-18-03	259.61	259.74	Structure	
MMC-18-03	259.74	265.11	Metasediments	1B
MMC-18-03	265.11	265.71	Lost core	LC
MMC-18-03	265.71	279.29	Metasediments	1B
MMC-18-03	279.29	279.98	Structure	FLT
MMC-18-03	279.98	287.22	Metasediments	1B
MMC-18-03	287.22	322.54	Upper Unit	4D
MMC-18-03	322.54	325.32	Metasediments	1A
MMC-18-03	325.32	336.95	Upper Unit	4D
MMC-18-03	336.95	341.72	Metasediments	1A
MMC-18-03	341.72	360.27	Upper Unit	4B
MMC-18-03	360.27	368.89	Upper Unit	4B
MMC-18-03	368.89	376.08	Lower Unit	3A

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-03	376.08	425.3	Lower Unit	3A
MMC-18-03	425.3	427.73	Lower Unit	3A
MMC-18-03	427.73	432.01	Lower Unit	3A
MMC-18-03	432.01	432.02	End of hole	End of hole

Hole ID	From (m)	To (m)	Description (original)
MMC-18-03	0	2.68	First block at 5m. No casing block. Core starts in metasediments at 2.68m.
MMC-18-03	2.68	5	Medium to dark grey, medium grained, equigranular, thinly bedded quartzite. Sericite-carbonate groundmass? Bedding defined by black silty beds alternating on 1cm to 10cm scale. Localized strongly silicified sections often contain blue rounded ~5mm quartz eyes and few feldspar grains. Very weak foliation defined by mineral alignment, often oblique to bedding.
MMC-18-03	5	8	Medium grained quartzite with blocky core, moderate hematite+jarosite. Weak shearing. Spun core.
MMC-18-03	8	11.25	Medium to dark grey, medium grained, equigranular, thinly bedded quartzite. Sericite-carbonate groundmass? Bedding defined by black silty beds alternating on 1cm to 10cm scale. Localized strongly silicified sections often contain blue rounded ~5mm quartz eyes and few feldspar grains. Very weak foliation defined by mineral alignment, often oblique to bedding. Variable bedding and foliation orientations.
MMC-18-03	11.25	12.3	Medium grained quartzite with blocky core, moderate hematite+jarosite. Weak shearing.
MMC-18-03	12.3	25	Medium to dark grey, medium grained, equigranular, thinly bedded quartzite. Sericite-carbonate groundmass? Weak bedding defined by black silty beds alternating on 1cm to 10cm scale. Localized strongly silicified sections often contain blue rounded ~5mm quartz eyes and few feldspar grains. Weak to moderate foliation defined by mineral alignment, sub-parallel to bedding. Jointing present up to 15m with moderate hematite+jarosite alteration. Local silty to muddy bed at 16.30-16.50m. Variable bedding and foliation orientations.
MMC-18-03	25	25.7	Strongly foliated quartzite and mudstone with abundant parallel jointing. Weak fault gouge at 25.50m. Strong hematite+jarosite halos.
MMC-18-03	25.7	26.87	Dark grey, medium grained, equigranular quartzite. No bedding observed. Weak foliation defined by mineral alignment. Sericite-carbonate groundmass?
MMC-18-03	26.87	28.95	Blocky to rubbly core of strongly foliated, coarse grained (recrystallized) quartzite. Strong hematite+jarosite alteration near pervasive. Two mm scale fault gouge planes observed.
MMC-18-03	28.95	67.97	Medium to dark grey, medium grained, locally coarse, thinly bedded quartzite. Sericite-carbonate groundmass? Moderate bedding defined by black silty beds alternating on 1cm to 10cm scale. Localized strongly silicified sections often contain blue rounded ~5mm quartz eyes and few feldspar grains. Weak to moderate foliation defined by mineral alignment, often oblique to bedding. 10-30cm sections of silty to muddy beds observed at 31.08m, ~38.50m and 54.05m often display stronger foliation.
MMC-18-03	67.97	68.75	Dark grey, fine grained to muddy, siltstone. No definite bedding observed. Moderate foliation defined by hairline fracture alignment and associated chlorite-hematite. Increasingly blocky core with depth.
MMC-18-03	68.75	69	Minor fault gouge and blocky core with strong hematite-jarosite alteration.
MMC-18-03	69	80.48	Medium to dark grey, medium grained, becomes coarse by ~71m, thinly bedded quartzite. Sericite-carbonate groundmass? Moderate bedding defined by black silty beds alternating on 1cm to 10cm scale. Few <45cm feldspathic quartzite sections, strongly silicified sections often containing blue rounded ~5mm quartz eyes. Weak to moderate foliation defined by mineral alignment, often oblique to bedding. Trace disseminated pyrrhotite+pyrite. Trace bedding plane/fracture pyrite throughout. Inferred lower contact at core break with increasing hematite+jarosite alteration over ~1m.
MMC-18-03	80.48	81.2	Dark grey silty to muddy siltstone. No bedding observed. Moderate strong foliation defined by mineral alignment, jointing, and muddy layers. Shearing evident by Z-fold (dextral relative to downhole) on 5-10mm displacement scale as defined by mm-scale muddy layers. Folding parallel to overall fabric. Sharp contact at fault gouge.
MMC-18-03	81.2	81.5	Upper contact marked by gouge, rubbly core throughout with strong hematite+jarosite alteration. Quartzite and siltstone rubble.
MMC-18-03	81.5	82.32	Dark grey silty to muddy siltstone. No bedding observed. Moderate strong foliation defined by mineral alignment, jointing, and muddy layers. ~48cm of coarse quartzite observed 81.20-81.68m. Sharp lower contact.
MMC-18-03	82.32	84.06	Grey to blueish, medium grained equigranular quartzite. No obvious bedding. Moderate foliation defined by mineral alignment/groundmass of sericite/carbonate. Minor siltstone observed. Sharp lower contact with ~10cm of weak shear.
MMC-18-03	84.06	84.5	Strongly foliated siltstone with muddy layers. Z-fold observed (dextral w.r.t downhole) with 5-10mm displacement, defined by mm scale mud layers. Minor gouge observed. Sharp lower contact.
MMC-18-03	84.5	102.15	Grey to blueish, medium to coarse grained quartzite. Sericite-carbonate groundmass. Very weakly bedded with local thin silty beds on cm scale. Moderate foliation throughout defined by groundmass and mineral alignment. Minor feldspathic quartzite observed ~40cm. Blocky core and fault gouge observed with local hematite+jarosite alteration.
MMC-18-03	102.15	102.85	Dark grey, coarse grained, equigranular feldspathic quartzite. ~5% detrital white to pink feldspar grains. Pervasive silicification. Thin bedding defined by black silty beds on cm to 10cm scale. Inferred lower contact at core break.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-03	102.85	103.56	Grey medium grained quartzite. No bedding observed. Moderate foliation defined by mineral alignment. Inferred lower contact at core break.
MMC-18-03	103.56	107.5	Dark grey, coarse grained, equigranular feldspathic quartzite. ~5% detrital white to pink feldspar grains. Pervasive silicification. Thin bedding defined by black silty beds on cm to 10cm scale. Gradational lower contact marked by absence of feldspar grains and silicification.
MMC-18-03	107.5	117.15	Light grey, medium grained equigranular quartzite. Weak bedding observed defined by thin silty beds. Minor feldspathic quartzite observed. Minor faulting planes observed with increased foliation and gouge. Gradational lower contact.
MMC-18-03	117.15	124.65	Dark grey, coarse grained, equigranular feldspathic quartzite. ~5-10% detrital white feldspar grains. Pervasive silicification. Strong bedding, thin, defined by black silty beds on cm to 10cm scale. Gradual decrease in feldspar content approaching lower contact. Sericite-carbonate groundmass nearly overprints texture from ~120.50-121m. Sharp lower contact.
MMC-18-03	124.65	125.19	Grey silty to muddy siltstone. Moderate foliation defined by mineral alignment. Sharp lower contact. Quartz vein with trace pyrite and minor pink/orange minerals present (albite?).
MMC-18-03	125.19	134.03	Grey medium grained dominant quartzite with 4 local coarse feldspathic quartzite sections up to 40cm. Thin weak bedding defined by black silty beds on 1-10cm scale, strongest in coarser feldspathic sections. Potential poorly defined cross bedding observed at ~125.75m. Sharp lower contact.
MMC-18-03	134.03	134.6	Weak-moderate shear zone hosted in silt/mudstone section. Strong foliation defined by mineral alignment and elongation. Fracture filling pyrite throughout, 0.5%. Weakly chloritized groundmass. Sharp lower contact inferred at core break.
MMC-18-03	134.6	156.65	Grey dominantly fine to medium grained, locally coarse grained quartzite. Poorly defined bedding, often massive. Few sections of up to 1m, silicified feldspathic quartzite, display strongest bedding sequences. Blue 2-5mm quartz eyes observed throughout all units. Graded beds observed, younging up-hole. Possible inverted bedding sequence from 155.13-155.40m with coarse-fine-coarse sequence before sharp siltstone contact. Minor 40cm siltstone to mudstone approaching strongly hairline fractured +jarosite altered section towards lower contact with fault.
MMC-18-03	156.65	160.08	Quartzite hosted, very blocky core with weak oxide alteration throughout. Siltstone at upper contact. Quartzite has recrystallized texture (groundmass silicification?) with very poorly defined grain boundaries.
MMC-18-03	160.08	166.56	Grey medium to coarse grained quartzite. Multiple ~0.5-1m feldspathic strongly silicified sections observed with strong, often cross bedding observed. All bedding thin on 1-10cm scale. Blue quartz eyes observed. Weak lower contact. Possible quartz boudinage/dilation zone observed at 164.25m.
MMC-18-03	166.56	167.33	Pale grey to white. coarse grained, feldspathic quartzite. Strong thin 1-10cm scale bedding, often cross bedded. Weak lower contact.
MMC-18-03	167.33	200.72	<b>**BLOCK 200m is ~ 30cm short of actual 200m mark**</b> Grey, fine to locally medium grained quartzite to feldspathic quartzite (marked by strong bedding/silicification/detrital feldspar grains). Sericite/carbonate groundmass locally overprints primary texture. Moderately foliated as defined by mineral alignment. No definitive bedding observed up to ~173.30m; strong thin bedding defined by silt layers afterward on 1-10cm scale. Multiple cross bedded sections observed. Silicified section with weak hairline fracturing observed with minor chlorite and green disseminated mafic grains (amphibole?) at 181-181.70m. Two silty sections ~40cm observed. Weak fluid brecciated section at 195.19-195.42m with quartz-carbonate matrix. Sharp inferred lower contact at core break.
MMC-18-03	200.72	201.46	Grey to pale grey, fine grained silty to muddy siltstone. Weak bedding defined by muddy mm-scale layering. Moderately sheared throughout with strong foliation defined by mineral alignment and boudinaged quartz vein (2.5x0.5cm boudins parallel to foliation). Strong fault gouge centered in unit. Sharp lower contact marked by quartz veining. Trace fracture infilling pyrite.
MMC-18-03	201.46	202.36	Dark grey, coarse grained quartzite to feldspathic quartzite. Weak bedding observed. Sharp lower contact.
MMC-18-03	202.36	202.95	Grey, fine grained, weakly bedded siltstone. Moderately foliated. Gradational lower contact.
MMC-18-03	202.95	206.85	Grey, medium to coarse grained quartzite. Bedding defined by silty layering on 1-10cm scale. Weak potential cross bedding observed. Moderate strong sericite/carbonate altered groundmass often overprints primary texture. Sharp lower contact.
MMC-18-03	206.85	208.55	Grey, fine grained siltstone. Moderately bedded as defined by varied quartz to black silt content on <2cm scale. Strong foliation defined by mineral alignment throughout.
MMC-18-03	208.55	236.8	medium to coarse grained gray quartzite, grains are equant, subangular, roughly ~80% quartz grains. ~20% mud matrix, inclined bedding, minor crossbedding, normal grading present; weakly foliated, some decimetre scale slst interbeds and silicified feldspathic quartzite interbeds.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-03	236.8	242.45	same as previously described slst
MMC-18-03	242.45	244.27	medium grained, white, silicified quartzite with plagioclase feldspar grains and minor green mafic grains, similar as other feldspathic units described, some decimeter (10-60 cm) beds of gray slst, inclined bedding defined by mm-scale heavy mineral beds, some diffuse gray bedding (alteration?) seen in feldspathic quartzite units.
MMC-18-03	244.27	244.51	blocky core, beginning of fault
MMC-18-03	244.51	252.67	same as above
MMC-18-03	252.67	252.82	blocky core, continuation of fault zone
MMC-18-03	252.82	254.95	same as above
MMC-18-03	254.95	255.6	more blocky shattered core, fault related
MMC-18-03	255.6	257.68	same as above
MMC-18-03	257.68	259.61	fine-grained gray siltstone with some decimetre scale interbeds of feldspathic quartzite and gray quartzite sandstone.
MMC-18-03	259.61	259.74	blocky core
MMC-18-03	259.74	265.11	same as above lithologically, but beginning to be strongly foliated,
MMC-18-03	265.11	265.71	
MMC-18-03	265.71	279.29	strongly foliated slst, close to structure
MMC-18-03	279.29	279.98	blocky, gouge, slip planes along contacts, heavily chloritized, several quartz veins, crosscutting parallel to foliation and slip planes.
MMC-18-03	279.98	287.22	actual sedimentary rock is difficult to determine because of strong foliation, but some detrital quartz grains and bedding is still visible.
MMC-18-03	287.22	322.54	medium-grained, strongly foliated, biotite quartz diorite; ~55% plagioclase feldspar, anhedral, equant, ~1 mm in size; 25% pale green mafic minerals, anhedral, interstitial clusters, likely chloritized amphibole or pyroxene; ~10% blue quartz, anhedral, equant, often associated with plagioclase feldspar; ~10% biotite, brownish, subhedral, forms elongated books defining foliation; disseminated trace amounts of Po and Cpy <1 mm in size; pockmarked appearance from dissolution of primary minerals; hydrothermal alteration from fluids moving along fault plane likely the cause of the "diorite"; bull quartz+carb veins often crosscutting it, sometimes with associated mineralization; diorite becomes more massive in texture ~305 m; plagioclase and quartz coarsens as well (grains up to 3-5 mm) and plagioclase is subhedral to euhedral now; plagioclase has a grayish colouration likely due to sericitization; upper contact is brecciated by quartz vein along contact;
MMC-18-03	322.54	325.32	silicified hornfels intercalation of metaseds
MMC-18-03	325.32	336.95	same as above bt qtz diorite
MMC-18-03	336.95	341.72	same as above hornfels metased intercalation
MMC-18-03	341.72	360.27	upper contact with biotite quartz diorite is not seen because of intercalations with metasediments; 75% fine-grained black mafic groundmass, 25% plagioclase feldspar 1-3 mm in size, occurs as interstitial anhedral clusters, occurs rarely as euhedral elongated laths; lower contact with strongly foliated and mineralized melagabbro is a sharp contact defined by a foliation plane.
MMC-18-03	360.27	368.89	foliated/sheared melagabbro that it heavily mineralized; ~85% mafic black-dark green aphanitic groundmass, likely chloritized pyroxene; ~10% anhedral plagioclase feldspar ~1 mm forming anhedral interstitial clusters; ~5% biotite grains, ~1 mm in size; very strong foliation that steepens away from contact with non-foliated melagabbro; ~5% sulphide w/ ~4% Po and ~1% Cpy; coarser blebs of Po have visible eyes of Pent; some trace amounts of dark black metallic mineral associated with Po and Cpy (sphalerite?); fractures infilled with sulphide are sub-parallel to steep foliation.
MMC-18-03	368.89	376.08	Fine-medium grained Nipissing gabbro; massive texture; grayish green; aphanitic gray-green mafic groundmass, coarser portions with visible green anhedral equant pyroxene grains ~1 mm in size; anhedral interstitial plagioclase ~0.5 mm in size; sporadic coarser portions of gabbro occur as patches where plagioclase and mafic grains are ~1-3 mm in size; disseminated trace amounts of Po and Cpy with sporadic coarser portions of sulphide with trace amounts of Sphalerite visible; coarse sulphides associated with coarse leucocratic portions of gabbro; upper contact is transitional (abruptly foliation disappears), lower contact is gradational to the coarser Nipissing gabbro.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-03	376.08	425.3	medium to coarse-grained Nipissing gabbro; massive texture; transitions from medium to very coarse-grained (pegmatitic) leucocratic portions sporadically; ~60-70% mafic minerals, ~1-3 mm in size up to ~1 cm in v.coarse grained sections, dark green, subhedral to euhedral, forms elongated prismatic crystals in v.coarse portions; plagioclase is anhedral and occurs as interstitial clusters surrounding mafic grains ~1-3 mm up to 1 cm; rare disseminated sulphides, dominated by Po w/ minor Cpy and Sphalerite; qtz-carbonate, bull quartz, and carbonate veins crosscutting throughout; in some qtz-carb veins calcite forms elongated blades; gradational upper contact with finer-grained Nipissing gabbro and lower contact with gray-black gabbro.
MMC-18-03	425.3	427.73	medium-grained gabbro; massive texture; grayish-black colour; 60% gray-silver altered (sericitized?) plagioclase, ~1-3 mm in length, occurs as subhedral elongated laths; 30% green fine-grained groundmass, likely altered pyroxene; 10% quartz, clear, 1 mm in size, anhedral, equant; most distinct nature of the rock is the silver-gray colour of the plagioclase laths and the sudden increase in quartz; gradational contact with coarser-grained Nipissing gabbro.
MMC-18-03	427.73	432.01	coarse nipissing same as described before except barren of sulphides
MMC-18-03	432.01	432.02	

Hole number	From	To	Sample Number	Sample Type	Comments
MMC-18-03	69.37	69.76	S00355093	Original	Pyrite + local pyrrhotite along bedding planes
MMC-18-03	134.03	134.6	S00355094	Original	Local shear zone with fracture filling pyrite, 0.5%
MMC-18-03	168.3	168.6	S00355095	Original	Trace pyrite within quartz vein
MMC-18-03	200.72	201.46	S00355096	Original	Trace fracture filling pyrite within shear
MMC-18-03	289.8	290.88	S00355097	Original	shoulder
MMC-18-03	290.88	291.93	S00355098	Original	trace diss Po>Cpy in bt qtz diorite
MMC-18-03	291.93	292.96	S00355099	Original	shoulder of bt qtz diorite with intercalated metasediments
MMC-18-03			S00355100	Control	coarse blank
MMC-18-03	299.56	300.65	S00355101	Original	trace diss Po, Cpy
MMC-18-03	300.65	301.63	S00355102	Original	trace diss Po, Cpy
MMC-18-03	301.63	302.21	S00355103	Original	trace diss Po, Cpy
MMC-18-03	324.68	325.57	S00355104	Original	shoulder
MMC-18-03	325.57	326.72	S00355105	Original	trace diss Po
MMC-18-03	326.72	327.76	S00355106	Original	trace diss Po, Cpy
MMC-18-03	327.76	328.65	S00355107	Original	trace diss Po, shoulder
MMC-18-03	331.09	331.92	S00355108	Original	trace diss Po, Cpy; spot sample
MMC-18-03	335.35	335.61	S00355109	Original	5% Po>>Cpy in qtz+carb vein; spot sample
MMC-18-03			S00355110	Control	
MMC-18-03	348.35	349.24	S00355111	Original	shoulder trace diss Po
MMC-18-03	349.24	350.27	S00355112	Original	continuity
MMC-18-03	350.27	351.3	S00355113	Original	trace diss Po>Cpy
MMC-18-03	351.3	352.24	S00355114	Original	continuity
MMC-18-03	352.24	353.35	S00355115	Original	continuity
MMC-18-03	353.35	354.5	S00355116	Original	trace diss Cpy=Po
MMC-18-03	354.5	355.55	S00355117	Original	trace diss Py
MMC-18-03	355.55	356.67	S00355118	Original	continuity
MMC-18-03	356.67	357.07	S00355119	Original	qtz+carb vein
MMC-18-03			S00355120	Control	
MMC-18-03	357.07	358.17	S00355121	Original	continuity
MMC-18-03	358.17	359.08	S00355122	Original	trace diss Po
MMC-18-03	359.08	359.68	S00355123	Original	continuity
MMC-18-03	359.68	360.23	S00355124	Original	3% Po>Cpy blebby; unfoliated gabbro
MMC-18-03	360.23	361.3	S00355125	Original	blebby 3% Po>Cpy; unfoliated gabbro
MMC-18-03	361.3	362.1	S00355126	Original	blebby and fracture controlled 3-5% Po>Cpy w/visible Pent; foliated gabbro
MMC-18-03	362.1	363.15	S00355127	Original	blebby and fracture controlled 3-5% Po>Cpy w/visible Pent; foliated gabbro
MMC-18-03	363.15	364.24	S00355128	Original	blebby and fracture controlled 3% Po>Cpy w/visible Pent; foliated gabbro
MMC-18-03	364.24	365.26	S00355129	Original	blebby and fracture controlled 3-5% Po>Cpy w/visible Pent and trace Sph; foliated gabbro
MMC-18-03	364.24	365.26	S00355130	FieldDup	blebby and fracture controlled 3-5% Po>Cpy w/visible Pent and trace Sph; foliated gabbro
MMC-18-03	365.26	366.28	S00355131	Original	blebby 3% Po>Cpy; foliated gabbro
MMC-18-03	366.28	367.35	S00355132	Original	blebby 3% Po>Cpy; foliated gabbro
MMC-18-03	367.35	368.55	S00355133	Original	blebby 3% Po>Cpy w/ trace Sph; foliated gabbro
MMC-18-03			S00355134	Control	blank after heavy mineralized zone
MMC-18-03	368.55	369.59	S00355135	Original	blebby 1% Po>>Cpy; fine-grained nipissing
MMC-18-03	369.59	370.79	S00355136	Original	diss 1% Po>>Cpy
MMC-18-03	370.79	371.81	S00355137	Original	diss 0.5% Po, Cpy

Hole number	From	To	Sample Number	Sample Type	Comments
MMC-18-03	371.81	373	S00355138	Original	diss 0.5% Po,Cpy
MMC-18-03	373	373.71	S00355139	Original	continuity
MMC-18-03			S00355140	Control	
MMC-18-03	373.71	374.29	S00355141	Original	sporadic blebby <1% Po, Cpy w/trace Sph; v.coarse nipissing
MMC-18-03	374.29	374.74	S00355142	Original	continuity
MMC-18-03	374.74	375.21	S00355143	Original	continuity w/qtz-vein
MMC-18-03	375.21	375.96	S00355144	Original	sporadic blebby 0.5% Po
MMC-18-03	375.96	377.14	S00355145	Original	continuity
MMC-18-03	377.14	377.65	S00355146	Original	continuity
MMC-18-03	377.65	378.28	S00355147	Original	blebby + fracture controlled 1% Cpy>Po w/trace Sph; v.coarse Nipissing
MMC-18-03	378.28	379.34	S00355148	Original	continuity
MMC-18-03	379.34	380.61	S00355149	Original	coarse sporadic blebs w/ fracture controlled, 1% Po>Cpy w/trace Sph; v.coarse leucocratic Nipissing
MMC-18-03			S00355150	Control	
MMC-18-03	380.61	381.6	S00355151	Original	shoulder
MMC-18-03	388.78	389.68	S00355152	Original	shoulder
MMC-18-03	389.68	390.63	S00355153	Original	1% diss Po, Sph w/minor Cpy
MMC-18-03	390.63	391.65	S00355154	Original	continuity
MMC-18-03	391.65	392.26	S00355155	Original	trace elongated blades of Sph? in v.coarse leucocratic Nipissing
MMC-18-03	392.26	393.31	S00355156	Original	shoulder
MMC-18-03	398.98	399.5	S00355157	Original	1% Po, Sph, Cpy in coarse bleb in v.coarse leucocratic Nipissing



Hole number	From	To	Sample Number	Ag ppm GE_IMS90A	Al % GE_IMS90A	As ppm GE_IMS90A	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A
MMC-18-03	69.37	69.76	S00355093	0.5	2.1	4	0.5	200	0.5
MMC-18-03	134.03	134.6	S00355094	0.5	10.1	24	25	640	2
MMC-18-03	168.3	168.6	S00355095	0.5	8.16	21	46	640	2
MMC-18-03	200.72	201.46	S00355096	0.5	12.1	46	16	730	4
MMC-18-03	289.8	290.88	S00355097	0.5	8.96	11	0.5	400	2
MMC-18-03	290.88	291.93	S00355098	0.5	8.82	10	0.5	370	1
MMC-18-03	291.93	292.96	S00355099	0.5	6.27	7	0.5	320	0.5
MMC-18-03			S00355100	0.5	0.08	1.5	0.5	20	0.5
MMC-18-03	299.56	300.65	S00355101	0.5	9.86	11	0.5	400	1
MMC-18-03	300.65	301.63	S00355102	0.5	10.2	11	0.5	410	1
MMC-18-03	301.63	302.21	S00355103	0.5	9.85	15	0.5	560	1
MMC-18-03	324.68	325.57	S00355104	0.5	5.56	5	0.5	340	0.5
MMC-18-03	325.57	326.72	S00355105	0.5	10.3	15	0.5	500	1
MMC-18-03	326.72	327.76	S00355106	0.5	6.61	13	0.5	270	0.5
MMC-18-03	327.76	328.65	S00355107	0.5	9.55	11	0.5	290	1
MMC-18-03	331.09	331.92	S00355108	0.5	8.96	14	0.5	480	1
MMC-18-03	335.35	335.61	S00355109	0.5	6.35	75	0.5	500	1
MMC-18-03			S00355110	0.5	9.08	1.5	0.5	640	0.5
MMC-18-03	348.35	349.24	S00355111	0.5	8.29	8	0.5	320	1
MMC-18-03	349.24	350.27	S00355112	0.5	8.21	1.5	0.5	290	1
MMC-18-03	350.27	351.3	S00355113	0.5	8.14	5	0.5	290	1
MMC-18-03	351.3	352.24	S00355114	0.5	8.82	3	0.5	350	1
MMC-18-03	352.24	353.35	S00355115	0.5	9.09	1.5	0.5	360	1
MMC-18-03	353.35	354.5	S00355116	0.5	8.97	1.5	0.5	360	1
MMC-18-03	354.5	355.55	S00355117	0.5	9.16	3	0.5	340	1
MMC-18-03	355.55	356.67	S00355118	0.5	8.62	6	0.5	380	1
MMC-18-03	356.67	357.07	S00355119	0.5	7.9	10	0.5	310	1
MMC-18-03			S00355120	0.5	3.01	223	51	90	0.5
MMC-18-03	357.07	358.17	S00355121	0.5	8.26	8	0.5	280	1
MMC-18-03	358.17	359.08	S00355122	0.5	8.35	7	0.5	300	1
MMC-18-03	359.08	359.68	S00355123	0.5	8.55	1.5	0.5	360	1
MMC-18-03	359.68	360.23	S00355124	0.5	7.85	20	64	300	1
MMC-18-03	360.23	361.3	S00355125	0.5	7.56	85	145	250	1
MMC-18-03	361.3	362.1	S00355126	0.5	6.86	66	222	300	1
MMC-18-03	362.1	363.15	S00355127	2	6.64	72	220	240	0.5
MMC-18-03	363.15	364.24	S00355128	2	7.42	372	370	200	0.5
MMC-18-03	364.24	365.26	S00355129	1	7.6	77	229	230	0.5
MMC-18-03	364.24	365.26	S00355130	1	7.39	126	213	230	0.5
MMC-18-03	365.26	366.28	S00355131	1	7.52	123	238	210	0.5
MMC-18-03	366.28	367.35	S00355132	2	7.28	75	231	200	0.5
MMC-18-03	367.35	368.55	S00355133	2	7.7	57	247	190	0.5
MMC-18-03			S00355134	0.5	0.12	7	0.5	20	0.5
MMC-18-03	368.55	369.59	S00355135	2	9.47	30	160	130	0.5
MMC-18-03	369.59	370.79	S00355136	1	8.01	66	174	140	0.5
MMC-18-03	370.79	371.81	S00355137	0.5	8.56	44	88	110	0.5

Hole number	From	To	Sample Number	Ag ppm GE_IMS90A	Al % GE_IMS90A	As ppm GE_IMS90A	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A
MMC-18-03	371.81	373	S00355138	0.5	9.66	17	36	170	0.5
MMC-18-03	373	373.71	S00355139	0.5	8.88	8	19	160	0.5
MMC-18-03			S00355140	0.5	0.1	1.5	0.5	20	0.5
MMC-18-03	373.71	374.29	S00355141	0.5	9.69	7	8	200	0.5
MMC-18-03	374.29	374.74	S00355142	0.5	9.19	16	9	130	0.5
MMC-18-03	374.74	375.21	S00355143	0.5	2.02	52	0.5	20	0.5
MMC-18-03	375.21	375.96	S00355144	0.5	9.74	42	89	240	0.5
MMC-18-03	375.96	377.14	S00355145	0.5	9.26	5	0.5	150	0.5
MMC-18-03	377.14	377.65	S00355146	0.5	8.99	1.5	2	150	0.5
MMC-18-03	377.65	378.28	S00355147	0.5	8.34	7	55	160	0.5
MMC-18-03	378.28	379.34	S00355148	0.5	7.61	5	0.5	150	0.5
MMC-18-03	379.34	380.61	S00355149	0.5	7.3	5	25	150	0.5
MMC-18-03			S00355150	4	5.2	19	197	100	0.5
MMC-18-03	380.61	381.6	S00355151	0.5	7.06	8	0.5	170	0.5
MMC-18-03	388.78	389.68	S00355152	0.5	7.42	4	0.5	200	0.5
MMC-18-03	389.68	390.63	S00355153	0.5	7.74	11	19	140	0.5
MMC-18-03	390.63	391.65	S00355154	0.5	8.43	8	0.5	80	0.5
MMC-18-03	391.65	392.26	S00355155	0.5	8.71	7	0.5	80	0.5
MMC-18-03	392.26	393.31	S00355156	0.5	8.3	8	0.5	160	0.5
MMC-18-03	398.98	399.5	S00355157	0.5	8.31	5	12	160	0.5

Hole number	From	To	Sample Number	Bi ppm GE_IMS90A	Ca % GE_IMS90A	Cd ppm GE_IMS90A	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A
MMC-18-03	69.37	69.76	S00355093	0.4	0.05	0.1	8.8	37	0.7
MMC-18-03	134.03	134.6	S00355094	1.1	0.1	0.1	12.5	144	3.6
MMC-18-03	168.3	168.6	S00355095	43.4	0.05	0.1	8.1	59	1.7
MMC-18-03	200.72	201.46	S00355096	1.2	0.4	0.2	37.9	135	4.7
MMC-18-03	289.8	290.88	S00355097	0.2	2.4	0.1	35.4	264	1.8
MMC-18-03	290.88	291.93	S00355098	0.2	2.3	0.1	44	305	1.7
MMC-18-03	291.93	292.96	S00355099	0.1	2	0.1	28.1	172	1.5
MMC-18-03			S00355100	0.05	25	0.1	1.1	7	0.05
MMC-18-03	299.56	300.65	S00355101	0.2	3.2	0.1	59.2	353	1.3
MMC-18-03	300.65	301.63	S00355102	0.4	3.2	0.1	56.6	354	1.3
MMC-18-03	301.63	302.21	S00355103	0.2	2.1	0.1	48.6	311	1.5
MMC-18-03	324.68	325.57	S00355104	0.05	0.6	0.1	15.3	146	0.7
MMC-18-03	325.57	326.72	S00355105	0.1	2.2	0.1	49.1	338	1.2
MMC-18-03	326.72	327.76	S00355106	0.3	1.5	0.1	42.2	242	0.7
MMC-18-03	327.76	328.65	S00355107	0.2	3.1	0.1	61.7	403	0.8
MMC-18-03	331.09	331.92	S00355108	0.3	2	0.1	50.6	343	1.3
MMC-18-03	335.35	335.61	S00355109	0.2	0.8	0.1	124	175	1
MMC-18-03			S00355110	0.05	4.3	0.1	15.6	22	0.7
MMC-18-03	348.35	349.24	S00355111	0.2	4.6	0.1	45.9	116	5.3
MMC-18-03	349.24	350.27	S00355112	0.1	4.5	0.1	42.8	108	4.5
MMC-18-03	350.27	351.3	S00355113	0.1	4.2	0.1	40.9	94	4.6
MMC-18-03	351.3	352.24	S00355114	0.1	4.5	0.1	37.9	80	5.2
MMC-18-03	352.24	353.35	S00355115	0.1	4.5	0.1	39.2	78	5.4
MMC-18-03	353.35	354.5	S00355116	0.1	4.3	0.8	43.4	75	5.4
MMC-18-03	354.5	355.55	S00355117	0.1	4.7	0.1	41.8	84	5
MMC-18-03	355.55	356.67	S00355118	0.1	4.6	0.1	46.6	100	5.3
MMC-18-03	356.67	357.07	S00355119	0.2	4.7	0.1	41.9	82	5
MMC-18-03			S00355120	0.1	3.3	0.3	204	2710	2.2
MMC-18-03	357.07	358.17	S00355121	0.2	4.8	0.1	47.8	117	3.6
MMC-18-03	358.17	359.08	S00355122	0.1	5	0.1	47.9	80	3.1
MMC-18-03	359.08	359.68	S00355123	0.3	4.9	0.1	64.5	127	5.3
MMC-18-03	359.68	360.23	S00355124	3.9	4.3	0.1	203	183	4
MMC-18-03	360.23	361.3	S00355125	8.2	4.1	0.3	313	155	3.8
MMC-18-03	361.3	362.1	S00355126	12.5	3.7	0.3	383	113	4.4
MMC-18-03	362.1	363.15	S00355127	13.5	3.6	0.6	502	117	2.8
MMC-18-03	363.15	364.24	S00355128	20.7	4.3	0.7	432	126	2.9
MMC-18-03	364.24	365.26	S00355129	15.4	4.5	0.7	254	149	3.7
MMC-18-03	364.24	365.26	S00355130	14.6	4.3	0.9	320	147	3.4
MMC-18-03	365.26	366.28	S00355131	16.6	4.8	0.7	267	160	3.4
MMC-18-03	366.28	367.35	S00355132	17.5	4.5	0.7	274	157	3.4
MMC-18-03	367.35	368.55	S00355133	19.7	4.6	0.8	290	147	2.9
MMC-18-03			S00355134	0.1	25	0.1	2	2.5	0.05
MMC-18-03	368.55	369.59	S00355135	11.9	5.2	0.6	161	236	1.2
MMC-18-03	369.59	370.79	S00355136	12.3	4.6	0.6	148	249	1.2
MMC-18-03	370.79	371.81	S00355137	5.3	5.6	0.3	99.5	332	0.6

Hole number	From	To	Sample Number	Bi ppm GE_IMS90A	Ca % GE_IMS90A	Cd ppm GE_IMS90A	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A
MMC-18-03	371.81	373	S00355138	2.8	5.9	0.1	79.6	159	1
MMC-18-03	373	373.71	S00355139	1.7	6.4	0.1	75.2	127	1.4
MMC-18-03			S00355140	0.05	25	0.1	1.2	6	0.05
MMC-18-03	373.71	374.29	S00355141	1	6.7	0.3	64.2	93	1.7
MMC-18-03	374.29	374.74	S00355142	0.7	5.6	0.1	70.1	157	1.5
MMC-18-03	374.74	375.21	S00355143	0.05	4	0.1	29.8	39	0.05
MMC-18-03	375.21	375.96	S00355144	3.5	4.6	0.3	86.9	96	1.6
MMC-18-03	375.96	377.14	S00355145	0.4	6.2	0.1	62.7	139	1.4
MMC-18-03	377.14	377.65	S00355146	0.8	6.1	0.1	60.4	92	1.9
MMC-18-03	377.65	378.28	S00355147	1.2	5.7	0.5	68.3	69	1.8
MMC-18-03	378.28	379.34	S00355148	0.3	5.6	0.3	61.4	89	2.3
MMC-18-03	379.34	380.61	S00355149	1.4	5.9	0.3	91.1	58	2.2
MMC-18-03			S00355150	1	3.5	2.1	980	316	0.8
MMC-18-03	380.61	381.6	S00355151	0.4	5.6	0.1	58.7	68	2.8
MMC-18-03	388.78	389.68	S00355152	0.2	6.1	0.1	51.4	42	3.4
MMC-18-03	389.68	390.63	S00355153	0.4	6.3	0.5	81.4	29	2.5
MMC-18-03	390.63	391.65	S00355154	0.2	6.2	0.1	40.7	40	0.6
MMC-18-03	391.65	392.26	S00355155	0.2	6.2	0.1	42.3	33	0.7
MMC-18-03	392.26	393.31	S00355156	0.1	6.9	0.1	53.6	34	2
MMC-18-03	398.98	399.5	S00355157	0.2	6.4	0.3	51.1	33	2.3

Hole number	From	To	Sample Number	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A
MMC-18-03	69.37	69.76	S00355093	15	1.35		1.6	4.8	2.5	0.16
MMC-18-03	134.03	134.6	S00355094	63	3.18		5.7	44.4	24	0.86
MMC-18-03	168.3	168.6	S00355095	28	1.75		5.6	17.3	15	0.52
MMC-18-03	200.72	201.46	S00355096	38	2.68		7.1	64.6	39	1.25
MMC-18-03	289.8	290.88	S00355097	43	5.47		2.3	19.3	22	2.51
MMC-18-03	290.88	291.93	S00355098	81	5.95		2	16.5	24	2.76
MMC-18-03	291.93	292.96	S00355099	28	3.66		1.8	6.7	17	1.61
MMC-18-03			S00355100	3	0.39		0.05	1.3	2.5	3.14
MMC-18-03	299.56	300.65	S00355101	140	6.3		2.1	24	22	2.94
MMC-18-03	300.65	301.63	S00355102	141	6		2.1	21.3	21	2.82
MMC-18-03	301.63	302.21	S00355103	114	5.41		2.6	19.4	23	2.5
MMC-18-03	324.68	325.57	S00355104	42	2.11		1.8	12	12	1.06
MMC-18-03	325.57	326.72	S00355105	78	5.58		2.7	18.8	23	2.84
MMC-18-03	326.72	327.76	S00355106	115	3.92		1.6	18.4	14	1.77
MMC-18-03	327.76	328.65	S00355107	157	6.43		1.6	19.1	22	3.27
MMC-18-03	331.09	331.92	S00355108	93	5.56		2.4	18.1	23	2.82
MMC-18-03	335.35	335.61	S00355109	681	4.95		2	18.4	15	1.37
MMC-18-03			S00355110	97	4.96		1.4	12.3	9	1.63
MMC-18-03	348.35	349.24	S00355111	120	8.87		1.6	24.2	20	2.4
MMC-18-03	349.24	350.27	S00355112	123	8.25		1.5	22.8	18	2.17
MMC-18-03	350.27	351.3	S00355113	98	8.14		1.4	26.1	19	2.14
MMC-18-03	351.3	352.24	S00355114	76	8.47		1.5	28.2	19	2
MMC-18-03	352.24	353.35	S00355115	92	8.22		1.6	28.7	20	1.86
MMC-18-03	353.35	354.5	S00355116	132	8.66		1.6	26.7	22	2.04
MMC-18-03	354.5	355.55	S00355117	88	8.79		1.5	25.6	22	2.06
MMC-18-03	355.55	356.67	S00355118	132	9.71		1.6	26.9	21	2.4
MMC-18-03	356.67	357.07	S00355119	102	8.76		1.3	22.3	23	2.17
MMC-18-03			S00355120	2750	11.3		0.2	3.9	30	15.4
MMC-18-03	357.07	358.17	S00355121	202	9.39		1.2	21.5	19	2.36
MMC-18-03	358.17	359.08	S00355122	128	9.64		1.2	21.3	20	2.42
MMC-18-03	359.08	359.68	S00355123	135	12.1		1.6	20	22	3.03
MMC-18-03	359.68	360.23	S00355124	1420	13.6		1.3	19	20	2.96
MMC-18-03	360.23	361.3	S00355125	1540	14.6		1.3	21.7	19	2.85
MMC-18-03	361.3	362.1	S00355126	3600	16.6		1.4	19.2	16	2.65
MMC-18-03	362.1	363.15	S00355127	7430	18.4		1.1	17.5	17	2.97
MMC-18-03	363.15	364.24	S00355128	4590	14.9		0.9	18.7	15	3.1
MMC-18-03	364.24	365.26	S00355129	3290	15.2		1.1	15.7	19	3.36
MMC-18-03	364.24	365.26	S00355130	4300	15.7		1	15.2	19	3.29
MMC-18-03	365.26	366.28	S00355131	3780	14.2		0.9	14.3	17	3.43
MMC-18-03	366.28	367.35	S00355132	4290	15		0.9	12.3	16	3.5
MMC-18-03	367.35	368.55	S00355133	4760	14.5		0.8	11.4	17	3.77
MMC-18-03			S00355134	15	0.43		0.05	1.4	2.5	2.83
MMC-18-03	368.55	369.59	S00355135	3710	11		0.5	10.7	15	3.78
MMC-18-03	369.59	370.79	S00355136	2970	11.5		0.5	12.7	18	4.91
MMC-18-03	370.79	371.81	S00355137	1590	9.97		0.3	9.7	16	4.81

Hole number	From	To	Sample Number	Cu ppm GE_IMS90A	Fe % GE_IMS90A	Fe % GO_ICP90Q	K % GE_IMS90A	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A
MMC-18-03	371.81	373	S00355138	678	9.47		0.6	10.5	16	4.19
MMC-18-03	373	373.71	S00355139	665	9.48		0.6	10.6	15	4.04
MMC-18-03			S00355140	3	0.41		0.05	1.4	2.5	3.13
MMC-18-03	373.71	374.29	S00355141	524	9.02		0.8	12.3	15	3.68
MMC-18-03	374.29	374.74	S00355142	184	10.3		0.5	7.9	18	4.26
MMC-18-03	374.74	375.21	S00355143	127	3.25		0.05	1.5	6	1.01
MMC-18-03	375.21	375.96	S00355144	650	10.2		0.9	9.7	18	3.79
MMC-18-03	375.96	377.14	S00355145	271	9.61		0.6	9.5	13	4.05
MMC-18-03	377.14	377.65	S00355146	293	9.82		0.7	10.3	12	3.86
MMC-18-03	377.65	378.28	S00355147	695	9.65		0.7	11.9	13	3.19
MMC-18-03	378.28	379.34	S00355148	255	10.5		0.7	9.6	14	3.44
MMC-18-03	379.34	380.61	S00355149	679	10.9		0.7	11.4	10	3.03
MMC-18-03			S00355150	16200	18.2		0.3	7.2	8	3.98
MMC-18-03	380.61	381.6	S00355151	339	10		0.8	11.7	11	3.22
MMC-18-03	388.78	389.68	S00355152	188	9.45		1	12.8	12	3.5
MMC-18-03	389.68	390.63	S00355153	1820	9.77		0.8	10.2	11	3.74
MMC-18-03	390.63	391.65	S00355154	192	7.19		0.3	15.2	9	3.32
MMC-18-03	391.65	392.26	S00355155	345	7.46		0.4	15.9	9	3.29
MMC-18-03	392.26	393.31	S00355156	287	8.64		0.8	10.2	11	3.83
MMC-18-03	398.98	399.5	S00355157	653	8.49		0.8	11	10	3.52

Hole number	From	To	Sample Number	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313
MMC-18-03	69.37	69.76	S00355093	50	1	18	0.01	7	0.5
MMC-18-03	134.03	134.6	S00355094	70	2	45	0.06	9	1
MMC-18-03	168.3	168.6	S00355095	60	1	16	0.02	15	0.5
MMC-18-03	200.72	201.46	S00355096	70	8	53	0.16	12	2
MMC-18-03	289.8	290.88	S00355097	410	4	114	0.03	9	5
MMC-18-03	290.88	291.93	S00355098	440	4	144	0.02	11	6
MMC-18-03	291.93	292.96	S00355099	290	4	95	0.01	11	3
MMC-18-03			S00355100	140	1	13	0.01	1	0.5
MMC-18-03	299.56	300.65	S00355101	500	4	203	0.03	11	9
MMC-18-03	300.65	301.63	S00355102	480	4	210	0.03	9	9
MMC-18-03	301.63	302.21	S00355103	430	3	165	0.04	9	8
MMC-18-03	324.68	325.57	S00355104	190	3	43	0.02	5	1
MMC-18-03	325.57	326.72	S00355105	500	3	138	0.03	8	6
MMC-18-03	326.72	327.76	S00355106	330	4	134	0.02	5	6
MMC-18-03	327.76	328.65	S00355107	600	3	214	0.02	7	9
MMC-18-03	331.09	331.92	S00355108	450	3	185	0.03	10	8
MMC-18-03	335.35	335.61	S00355109	280	3	615	0.03	11	13
MMC-18-03			S00355110	1000	6	15	0.06	9	1
MMC-18-03	348.35	349.24	S00355111	1180	1	56	0.05	12	3
MMC-18-03	349.24	350.27	S00355112	1150	1	56	0.05	8	2
MMC-18-03	350.27	351.3	S00355113	1130	1	54	0.06	9	2
MMC-18-03	351.3	352.24	S00355114	1100	1	42	0.06	9	2
MMC-18-03	352.24	353.35	S00355115	1080	1	31	0.07	9	1
MMC-18-03	353.35	354.5	S00355116	1100	1	29	0.06	31	1
MMC-18-03	354.5	355.55	S00355117	1150	1	37	0.06	18	1
MMC-18-03	355.55	356.67	S00355118	1290	1	42	0.06	9	2
MMC-18-03	356.67	357.07	S00355119	1180	1	40	0.05	9	2
MMC-18-03			S00355120	1360	1	3900	0.03	6	529
MMC-18-03	357.07	358.17	S00355121	1250	1	57	0.05	14	3
MMC-18-03	358.17	359.08	S00355122	1280	1	45	0.05	11	3
MMC-18-03	359.08	359.68	S00355123	1560	1	284	0.05	35	8
MMC-18-03	359.68	360.23	S00355124	1420	19	2060	0.06	7	126
MMC-18-03	360.23	361.3	S00355125	1260	37	3470	0.06	44	251
MMC-18-03	361.3	362.1	S00355126	1240	39	4900	0.05	11	341
MMC-18-03	362.1	363.15	S00355127	1180	29	6520	0.05	18	343
MMC-18-03	363.15	364.24	S00355128	1360	11	3980	0.05	9	692
MMC-18-03	364.24	365.26	S00355129	1490	18	3700	0.04	50	332
MMC-18-03	364.24	365.26	S00355130	1410	22	4430	0.04	9	338
MMC-18-03	365.26	366.28	S00355131	1500	3	3640	0.03	11	413
MMC-18-03	366.28	367.35	S00355132	1480	3	3790	0.03	6	433
MMC-18-03	367.35	368.55	S00355133	1370	5	4150	0.03	7	460
MMC-18-03			S00355134	140	1	21	0.02	3	1
MMC-18-03	368.55	369.59	S00355135	1270	1	1810	0.02	8	283
MMC-18-03	369.59	370.79	S00355136	1380	1	2060	0.03	6	319
MMC-18-03	370.79	371.81	S00355137	1430	1	863	0.02	7	112

Hole number	From	To	Sample Number	Mn ppm GE_IMS90A	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313
MMC-18-03	371.81	373	S00355138	1300	1	591	0.03	8	82
MMC-18-03	373	373.71	S00355139	1370	1	473	0.03	8	52
MMC-18-03			S00355140	150	1	15	0.01	1	0.5
MMC-18-03	373.71	374.29	S00355141	1370	1	323	0.04	9	25
MMC-18-03	374.29	374.74	S00355142	1350	1	351	0.02	6	24
MMC-18-03	374.74	375.21	S00355143	540	1	111	0.01	3	1
MMC-18-03	375.21	375.96	S00355144	1250	1	915	0.03	8	93
MMC-18-03	375.96	377.14	S00355145	1380	1	145	0.03	7	7
MMC-18-03	377.14	377.65	S00355146	1380	1	247	0.03	7	13
MMC-18-03	377.65	378.28	S00355147	1290	1	383	0.04	11	38
MMC-18-03	378.28	379.34	S00355148	1470	1	90	0.03	6	9
MMC-18-03	379.34	380.61	S00355149	1400	1	731	0.03	6	43
MMC-18-03			S00355150	1060	9	46200	0.05	16	3350
MMC-18-03	380.61	381.6	S00355151	1390	1	143	0.03	6	15
MMC-18-03	388.78	389.68	S00355152	1360	1	130	0.04	5	21
MMC-18-03	389.68	390.63	S00355153	1330	1	349	0.03	6	53
MMC-18-03	390.63	391.65	S00355154	1140	1	94	0.03	7	8
MMC-18-03	391.65	392.26	S00355155	1170	1	84	0.04	7	2
MMC-18-03	392.26	393.31	S00355156	1310	1	113	0.03	13	11
MMC-18-03	398.98	399.5	S00355157	1240	1	196	0.03	8	32



Hole number	From	To	Sample Number	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate
MMC-18-03	69.37	69.76	S00355093	Imported	SD180110	5	Imported	SD180110
MMC-18-03	134.03	134.6	S00355094	Imported	SD180110	5	Imported	SD180110
MMC-18-03	168.3	168.6	S00355095	Imported	SD180110	5	Imported	SD180110
MMC-18-03	200.72	201.46	S00355096	Imported	SD180110	5	Imported	SD180110
MMC-18-03	289.8	290.88	S00355097	Imported	SD180110	5	Imported	SD180110
MMC-18-03	290.88	291.93	S00355098	Imported	SD180110	5	Imported	SD180110
MMC-18-03	291.93	292.96	S00355099	Imported	SD180110	5	Imported	SD180110
MMC-18-03			S00355100	Imported	SD180110	5	Imported	SD180110
MMC-18-03	299.56	300.65	S00355101	Imported	SD180110	5	Imported	SD180110
MMC-18-03	300.65	301.63	S00355102	Imported	SD180110	5	Imported	SD180110
MMC-18-03	301.63	302.21	S00355103	Imported	SD180110	5	Imported	SD180110
MMC-18-03	324.68	325.57	S00355104	Imported	SD180110	5	Imported	SD180110
MMC-18-03	325.57	326.72	S00355105	Imported	SD180110	5	Imported	SD180110
MMC-18-03	326.72	327.76	S00355106	Imported	SD180110	5	Imported	SD180110
MMC-18-03	327.76	328.65	S00355107	Imported	SD180110	5	Imported	SD180110
MMC-18-03	331.09	331.92	S00355108	Imported	SD180110	5	Imported	SD180110
MMC-18-03	335.35	335.61	S00355109	Imported	SD180110	5	Imported	SD180110
MMC-18-03			S00355110	Passed	SD180110	5	Passed	SD180110
MMC-18-03	348.35	349.24	S00355111	Imported	SD180110	5	Imported	SD180110
MMC-18-03	349.24	350.27	S00355112	Imported	SD180110	5	Imported	SD180110
MMC-18-03	350.27	351.3	S00355113	Imported	SD180110	5	Imported	SD180110
MMC-18-03	351.3	352.24	S00355114	Imported	SD180110	5	Imported	SD180110
MMC-18-03	352.24	353.35	S00355115	Imported	SD180110	5	Imported	SD180110
MMC-18-03	353.35	354.5	S00355116	Imported	SD180110	5	Imported	SD180110
MMC-18-03	354.5	355.55	S00355117	Imported	SD180110	5	Imported	SD180110
MMC-18-03	355.55	356.67	S00355118	Imported	SD180110	5	Imported	SD180110
MMC-18-03	356.67	357.07	S00355119	Imported	SD180110	5	Imported	SD180110
MMC-18-03			S00355120	Passed	SD180110	410	Passed	SD180110
MMC-18-03	357.07	358.17	S00355121	Imported	SD180110	5	Imported	SD180110
MMC-18-03	358.17	359.08	S00355122	Imported	SD180110	5	Imported	SD180110
MMC-18-03	359.08	359.68	S00355123	Imported	SD180110	5	Imported	SD180110
MMC-18-03	359.68	360.23	S00355124	Imported	SD180110	120	Imported	SD180110
MMC-18-03	360.23	361.3	S00355125	Imported	SD180110	150	Imported	SD180110
MMC-18-03	361.3	362.1	S00355126	Imported	SD180110	470	Imported	SD180110
MMC-18-03	362.1	363.15	S00355127	Imported	SD180110	340	Imported	SD180110
MMC-18-03	363.15	364.24	S00355128	Imported	SD180110	520	Imported	SD180110
MMC-18-03	364.24	365.26	S00355129	Imported	SD180110	510	Imported	SD180110
MMC-18-03	364.24	365.26	S00355130	Imported	SD180110	450	Imported	SD180110
MMC-18-03	365.26	366.28	S00355131	Imported	SD180110	340	Imported	SD180110
MMC-18-03	366.28	367.35	S00355132	Imported	SD180110	280	Imported	SD180110
MMC-18-03	367.35	368.55	S00355133	Imported	SD180110	520	Imported	SD180110
MMC-18-03			S00355134	Imported	SD180110	5	Imported	SD180110
MMC-18-03	368.55	369.59	S00355135	Imported	SD180110	260	Imported	SD180110
MMC-18-03	369.59	370.79	S00355136	Imported	SD180110	270	Imported	SD180110
MMC-18-03	370.79	371.81	S00355137	Imported	SD180110	70	Imported	SD180110

Hole number	From	To	Sample Number	Pd PPB GE_FAI313 status	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate
MMC-18-03	371.81	373	S00355138	Imported	SD180110	80	Imported	SD180110
MMC-18-03	373	373.71	S00355139	Imported	SD180110	70	Imported	SD180110
MMC-18-03			S00355140	Imported	SD180110	5	Imported	SD180110
MMC-18-03	373.71	374.29	S00355141	Imported	SD180110	20	Imported	SD180110
MMC-18-03	374.29	374.74	S00355142	Imported	SD180110	20	Imported	SD180110
MMC-18-03	374.74	375.21	S00355143	Imported	SD180110	5	Imported	SD180110
MMC-18-03	375.21	375.96	S00355144	Imported	SD180110	90	Imported	SD180110
MMC-18-03	375.96	377.14	S00355145	Imported	SD180110	5	Imported	SD180110
MMC-18-03	377.14	377.65	S00355146	Imported	SD180110	10	Imported	SD180110
MMC-18-03	377.65	378.28	S00355147	Imported	SD180110	40	Imported	SD180110
MMC-18-03	378.28	379.34	S00355148	Imported	SD180110	10	Imported	SD180110
MMC-18-03	379.34	380.61	S00355149	Imported	SD180110	50	Imported	SD180110
MMC-18-03			S00355150	Passed	SD180110	820	Passed	SD180110
MMC-18-03	380.61	381.6	S00355151	Imported	SD180110	10	Imported	SD180110
MMC-18-03	388.78	389.68	S00355152	Imported	SD180110	5	Imported	SD180110
MMC-18-03	389.68	390.63	S00355153	Imported	SD180110	40	Imported	SD180110
MMC-18-03	390.63	391.65	S00355154	Imported	SD180110	5	Imported	SD180110
MMC-18-03	391.65	392.26	S00355155	Imported	SD180110	5	Imported	SD180110
MMC-18-03	392.26	393.31	S00355156	Imported	SD180110	5	Imported	SD180110
MMC-18-03	398.98	399.5	S00355157	Imported	SD180110	20	Imported	SD180110

Hole number	From	To	Sample Number	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A
MMC-18-03	69.37	69.76	S00355093	0.5	0.5	40	0.5	20	0.5	0.04
MMC-18-03	134.03	134.6	S00355094	0.5	0.5	30.5	8	20	0.5	0.43
MMC-18-03	168.3	168.6	S00355095	0.5	0.5	31.8	1	30	28	0.2
MMC-18-03	200.72	201.46	S00355096	0.5	0.5	26.7	2	30	0.5	0.44
MMC-18-03	289.8	290.88	S00355097	0.5	0.5	26.4	0.5	150	0.5	0.41
MMC-18-03	290.88	291.93	S00355098	0.5	0.5	27.7	0.5	150	0.5	0.4
MMC-18-03	291.93	292.96	S00355099	0.5	0.5	31.3	0.5	110	0.5	0.24
MMC-18-03			S00355100	0.5	0.5	4.5	0.5	60	0.5	0.005
MMC-18-03	299.56	300.65	S00355101	0.5	0.5	26.2	0.5	170	0.5	0.41
MMC-18-03	300.65	301.63	S00355102	0.5	0.5	25.5	0.5	160	0.5	0.4
MMC-18-03	301.63	302.21	S00355103	0.5	0.5	28.7	0.5	130	0.5	0.38
MMC-18-03	324.68	325.57	S00355104	0.5	0.5	34.9	0.5	30	0.5	0.17
MMC-18-03	325.57	326.72	S00355105	0.5	0.5	27.7	6	110	0.5	0.38
MMC-18-03	326.72	327.76	S00355106	0.5	0.5	31.7	5	80	0.5	0.2
MMC-18-03	327.76	328.65	S00355107	0.5	0.5	26.5	1	150	0.5	0.37
MMC-18-03	331.09	331.92	S00355108	0.5	0.5	27.1	0.5	90	0.5	0.33
MMC-18-03	335.35	335.61	S00355109	1.1	0.5	34.1	6	60	0.5	0.16
MMC-18-03			S00355110	0.5	0.5	29.2	1	480	0.5	0.29
MMC-18-03	348.35	349.24	S00355111	0.5	0.5	25.1	6	170	0.5	0.76
MMC-18-03	349.24	350.27	S00355112	0.5	0.5	27.5	2	160	0.5	0.74
MMC-18-03	350.27	351.3	S00355113	0.5	0.5	26	9	180	0.5	0.72
MMC-18-03	351.3	352.24	S00355114	0.5	0.5	26.2	2	180	0.5	0.77
MMC-18-03	352.24	353.35	S00355115	0.5	0.5	27.4	2	190	0.5	0.77
MMC-18-03	353.35	354.5	S00355116	0.5	0.5	27.6	2	190	0.5	0.77
MMC-18-03	354.5	355.55	S00355117	0.5	0.5	26.8	2	190	0.5	0.8
MMC-18-03	355.55	356.67	S00355118	0.5	0.5	25.6	2	180	0.5	0.9
MMC-18-03	356.67	357.07	S00355119	0.5	0.5	26.7	2	170	0.5	0.77
MMC-18-03			S00355120	1.54	4	17.9	0.5	30	1	0.32
MMC-18-03	357.07	358.17	S00355121	0.5	0.5	25.4	11	180	0.5	0.8
MMC-18-03	358.17	359.08	S00355122	0.5	0.5	25.6	1	190	0.5	0.88
MMC-18-03	359.08	359.68	S00355123	0.5	0.5	24.6	2	160	0.5	1.06
MMC-18-03	359.68	360.23	S00355124	1.99	0.5	24	8	150	2	0.95
MMC-18-03	360.23	361.3	S00355125	3.4	0.5	25.5	7	180	4	0.67
MMC-18-03	361.3	362.1	S00355126	4.37	0.5	22.4	1	130	5	0.62
MMC-18-03	362.1	363.15	S00355127	6.24	0.5	20.4	8	130	5	0.5
MMC-18-03	363.15	364.24	S00355128	3.47	0.5	23.8	1	140	7	0.65
MMC-18-03	364.24	365.26	S00355129	2.78	0.5	24	6	140	5	0.61
MMC-18-03	364.24	365.26	S00355130	3.46	0.5	23.4	2	130	4	0.62
MMC-18-03	365.26	366.28	S00355131	2.48	0.5	23.1	2	140	5	0.48
MMC-18-03	366.28	367.35	S00355132	2.74	0.5	23.2	5	130	5	0.32
MMC-18-03	367.35	368.55	S00355133	3.36	0.5	24.3	7	150	6	0.32
MMC-18-03			S00355134	0.5	0.5	4.2	0.5	70	0.5	0.005
MMC-18-03	368.55	369.59	S00355135	1.73	0.5	23.8	22	220	4	0.26
MMC-18-03	369.59	370.79	S00355136	1.41	0.5	23.6	0.5	130	3	0.32
MMC-18-03	370.79	371.81	S00355137	0.5	0.5	24.3	28	160	2	0.37

Hole number	From	To	Sample Number	S % GE_IMS90A	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A
MMC-18-03	371.81	373	S00355138	0.5	0.5	24.2	7	200	0.5	0.33
MMC-18-03	373	373.71	S00355139	0.5	0.5	24	0.5	190	0.5	0.37
MMC-18-03			S00355140	0.5	0.5	4.6	0.5	60	0.5	0.005
MMC-18-03	373.71	374.29	S00355141	0.5	0.5	25	0.5	220	0.5	0.45
MMC-18-03	374.29	374.74	S00355142	0.5	0.5	22.5	0.5	150	0.5	0.38
MMC-18-03	374.74	375.21	S00355143	0.5	0.5	38.2	0.5	40	0.5	0.06
MMC-18-03	375.21	375.96	S00355144	1.36	0.5	24.2	0.5	180	1	0.4
MMC-18-03	375.96	377.14	S00355145	0.5	0.5	24.9	0.5	200	0.5	0.42
MMC-18-03	377.14	377.65	S00355146	0.5	0.5	25.4	0.5	190	0.5	0.48
MMC-18-03	377.65	378.28	S00355147	0.5	0.5	22.9	0.5	190	0.5	0.52
MMC-18-03	378.28	379.34	S00355148	0.5	0.5	23.4	0.5	160	0.5	0.52
MMC-18-03	379.34	380.61	S00355149	0.5	0.5	23.3	1	170	0.5	0.63
MMC-18-03			S00355150	8.79	3	15.2	3	170	5	0.56
MMC-18-03	380.61	381.6	S00355151	0.5	0.5	23.9	1	170	0.5	0.52
MMC-18-03	388.78	389.68	S00355152	0.5	0.5	24.2	1	170	0.5	0.61
MMC-18-03	389.68	390.63	S00355153	0.5	0.5	24.3	1	190	0.5	0.48
MMC-18-03	390.63	391.65	S00355154	0.5	0.5	24.9	1	230	0.5	0.44
MMC-18-03	391.65	392.26	S00355155	0.5	0.5	26.8	1	210	0.5	0.52
MMC-18-03	392.26	393.31	S00355156	0.5	0.5	25.9	7	190	0.5	0.41
MMC-18-03	398.98	399.5	S00355157	0.5	0.5	25.1	0.5	190	0.5	0.41

Hole number	From	To	Sample Number	V ppm GE_IMS90A	W ppm GE_IMS90A	WtKg kg G_WGH79	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A
MMC-18-03	69.37	69.76	S00355093	9	2.5	0.845	5.8	0.5	9
MMC-18-03	134.03	134.6	S00355094	100	2.5	1.094	24.4	2.7	21
MMC-18-03	168.3	168.6	S00355095	44	2.5	0.6	6.8	0.9	10
MMC-18-03	200.72	201.46	S00355096	125	2.5	1.725	27.9	3	54
MMC-18-03	289.8	290.88	S00355097	242	2.5	2.462	11.7	1.4	45
MMC-18-03	290.88	291.93	S00355098	253	2.5	2.376	9.3	1.1	53
MMC-18-03	291.93	292.96	S00355099	134	2.5	2.348	4.8	0.6	42
MMC-18-03			S00355100	9	2.5	1.205	2.8	0.1	6
MMC-18-03	299.56	300.65	S00355101	321	2.5	2.644	13.7	1.6	52
MMC-18-03	300.65	301.63	S00355102	300	2.5	2.359	12.8	1.4	54
MMC-18-03	301.63	302.21	S00355103	267	2.5	1.356	12.2	1.4	51
MMC-18-03	324.68	325.57	S00355104	81	2.5	2.016	6.8	0.7	22
MMC-18-03	325.57	326.72	S00355105	288	2.5	2.897	12.2	1.4	56
MMC-18-03	326.72	327.76	S00355106	177	2.5	2.519	8.6	1	39
MMC-18-03	327.76	328.65	S00355107	357	2.5	2.347	10.4	1.2	69
MMC-18-03	331.09	331.92	S00355108	282	2.5	1.967	11.7	1.4	49
MMC-18-03	335.35	335.61	S00355109	122	2.5	0.633	9.9	1	46
MMC-18-03			S00355110	142	2.5	0.109	20.8	2.5	66
MMC-18-03	348.35	349.24	S00355111	217	2.5	2.13	21.8	2.3	108
MMC-18-03	349.24	350.27	S00355112	221	2.5	2.599	21.1	2.2	100
MMC-18-03	350.27	351.3	S00355113	206	2.5	2.631	23.3	2.6	100
MMC-18-03	351.3	352.24	S00355114	196	2.5	2.3	25.4	2.8	98
MMC-18-03	352.24	353.35	S00355115	195	2.5	2.764	26	2.8	104
MMC-18-03	353.35	354.5	S00355116	199	2.5	2.683	24	2.6	184
MMC-18-03	354.5	355.55	S00355117	213	2.5	2.45	24.2	2.6	117
MMC-18-03	355.55	356.67	S00355118	246	2.5	2.712	22.3	2.7	124
MMC-18-03	356.67	357.07	S00355119	233	2.5	0.899	21.3	2.3	101
MMC-18-03			S00355120	133	2.5	0.103	8.1	0.9	112
MMC-18-03	357.07	358.17	S00355121	245	2.5	3.007	21.8	2.4	117
MMC-18-03	358.17	359.08	S00355122	233	2.5	2.091	21.4	2.4	114
MMC-18-03	359.08	359.68	S00355123	318	2.5	1.585	21.3	2.4	130
MMC-18-03	359.68	360.23	S00355124	282	2.5	1.424	19.4	2.3	120
MMC-18-03	360.23	361.3	S00355125	268	2.5	2.723	21.9	2.4	111
MMC-18-03	361.3	362.1	S00355126	243	2.5	2.103	20.7	2.4	120
MMC-18-03	362.1	363.15	S00355127	226	2.5	2.752	17.3	2	125
MMC-18-03	363.15	364.24	S00355128	283	2.5	2.697	20.4	2.4	132
MMC-18-03	364.24	365.26	S00355129	344	2.5	1.272	16.7	1.9	150
MMC-18-03	364.24	365.26	S00355130	331	2.5	1.132	16.8	1.9	156
MMC-18-03	365.26	366.28	S00355131	320	2.5	2.619	13.7	1.5	126
MMC-18-03	366.28	367.35	S00355132	303	2.5	2.486	11.2	1.3	128
MMC-18-03	367.35	368.55	S00355133	277	2.5	2.928	10.9	1.2	120
MMC-18-03			S00355134	6	2.5	1.14	3.1	0.2	6
MMC-18-03	368.55	369.59	S00355135	253	2.5	2.507	9.2	1	109
MMC-18-03	369.59	370.79	S00355136	316	2.5	2.882	11.6	1.2	116
MMC-18-03	370.79	371.81	S00355137	364	2.5	2.437	11.4	1.3	114

Hole number	From	To	Sample Number	V ppm GE_IMS90A	W ppm GE_IMS90A	WtKg kg G_WGH79	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A
MMC-18-03	371.81	373	S00355138	256	2.5	2.773	10.6	1.2	96
MMC-18-03	373	373.71	S00355139	241	2.5	1.644	12.2	1.4	99
MMC-18-03			S00355140	2.5	2.5	1.407	3.1	0.1	2.5
MMC-18-03	373.71	374.29	S00355141	240	2.5	1.391	14.5	1.6	95
MMC-18-03	374.29	374.74	S00355142	278	2.5	1.004	12.1	1.2	96
MMC-18-03	374.74	375.21	S00355143	67	2.5	0.996	2.1	0.3	31
MMC-18-03	375.21	375.96	S00355144	255	2.5	1.891	13.5	1.3	102
MMC-18-03	375.96	377.14	S00355145	265	2.5	2.886	13.8	1.3	92
MMC-18-03	377.14	377.65	S00355146	289	2.5	1.23	15.3	1.5	92
MMC-18-03	377.65	378.28	S00355147	290	2.5	1.574	19.1	1.9	131
MMC-18-03	378.28	379.34	S00355148	321	2.5	2.487	15.2	1.5	103
MMC-18-03	379.34	380.61	S00355149	315	2.5	3.065	16.8	1.7	101
MMC-18-03			S00355150	88	2.5	0.112	9.3	0.9	151
MMC-18-03	380.61	381.6	S00355151	279	2.5	2.394	16.8	1.7	100
MMC-18-03	388.78	389.68	S00355152	238	2.5	2.386	18.5	1.7	95
MMC-18-03	389.68	390.63	S00355153	247	2.5	2.466	15.7	1.5	101
MMC-18-03	390.63	391.65	S00355154	251	2.5	2.486	17.8	1.8	68
MMC-18-03	391.65	392.26	S00355155	245	2.5	1.454	17.4	1.7	68
MMC-18-03	392.26	393.31	S00355156	268	2.5	2.667	13.6	1.5	86
MMC-18-03	398.98	399.5	S00355157	214	2.5	1.397	15.7	1.6	84

Hole number	From	To	Sample Number	parent sample number
MMC-18-03	69.37	69.76	S00355093	
MMC-18-03	134.03	134.6	S00355094	
MMC-18-03	168.3	168.6	S00355095	
MMC-18-03	200.72	201.46	S00355096	
MMC-18-03	289.8	290.88	S00355097	
MMC-18-03	290.88	291.93	S00355098	
MMC-18-03	291.93	292.96	S00355099	
MMC-18-03			S00355100	
MMC-18-03	299.56	300.65	S00355101	
MMC-18-03	300.65	301.63	S00355102	
MMC-18-03	301.63	302.21	S00355103	
MMC-18-03	324.68	325.57	S00355104	
MMC-18-03	325.57	326.72	S00355105	
MMC-18-03	326.72	327.76	S00355106	
MMC-18-03	327.76	328.65	S00355107	
MMC-18-03	331.09	331.92	S00355108	
MMC-18-03	335.35	335.61	S00355109	
MMC-18-03			S00355110	
MMC-18-03	348.35	349.24	S00355111	
MMC-18-03	349.24	350.27	S00355112	
MMC-18-03	350.27	351.3	S00355113	
MMC-18-03	351.3	352.24	S00355114	
MMC-18-03	352.24	353.35	S00355115	
MMC-18-03	353.35	354.5	S00355116	
MMC-18-03	354.5	355.55	S00355117	
MMC-18-03	355.55	356.67	S00355118	
MMC-18-03	356.67	357.07	S00355119	
MMC-18-03			S00355120	
MMC-18-03	357.07	358.17	S00355121	
MMC-18-03	358.17	359.08	S00355122	
MMC-18-03	359.08	359.68	S00355123	
MMC-18-03	359.68	360.23	S00355124	
MMC-18-03	360.23	361.3	S00355125	
MMC-18-03	361.3	362.1	S00355126	
MMC-18-03	362.1	363.15	S00355127	
MMC-18-03	363.15	364.24	S00355128	
MMC-18-03	364.24	365.26	S00355129	
MMC-18-03	364.24	365.26	S00355130	S00355129
MMC-18-03	365.26	366.28	S00355131	
MMC-18-03	366.28	367.35	S00355132	
MMC-18-03	367.35	368.55	S00355133	
MMC-18-03			S00355134	
MMC-18-03	368.55	369.59	S00355135	
MMC-18-03	369.59	370.79	S00355136	
MMC-18-03	370.79	371.81	S00355137	

Hole number	From	To	Sample Number	parent sample number
MMC-18-03	371.81	373	S00355138	
MMC-18-03	373	373.71	S00355139	
MMC-18-03			S00355140	
MMC-18-03	373.71	374.29	S00355141	
MMC-18-03	374.29	374.74	S00355142	
MMC-18-03	374.74	375.21	S00355143	
MMC-18-03	375.21	375.96	S00355144	
MMC-18-03	375.96	377.14	S00355145	
MMC-18-03	377.14	377.65	S00355146	
MMC-18-03	377.65	378.28	S00355147	
MMC-18-03	378.28	379.34	S00355148	
MMC-18-03	379.34	380.61	S00355149	
MMC-18-03			S00355150	
MMC-18-03	380.61	381.6	S00355151	
MMC-18-03	388.78	389.68	S00355152	
MMC-18-03	389.68	390.63	S00355153	
MMC-18-03	390.63	391.65	S00355154	
MMC-18-03	391.65	392.26	S00355155	
MMC-18-03	392.26	393.31	S00355156	
MMC-18-03	398.98	399.5	S00355157	



Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-04	DD	NQ	Marshall Hall & Phillip Trudelle	EM plate between pits	281	200	281.07

Hole number	Core Photos
MMC-18-04	MMC-18-04_Header_Core Photos_BX_13-16_53.40-70.53_m_MMC-18-04_Wet.JPG   MMC-18-04_Header_Core Photos_BX_9-12_36.21-53.40_m_MMC-18-04_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_280.07-281.07_m_Dry_EOH.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_41-44_170.66-192.17_m_Wet.JPG   MMC-18-04_Header_Core Photos_BX_17-20_70.53-88.14_m_MMC-18-04_wet.JPG   MMC-18-04_Header_Core Photos_BX_25-28_105.19-122.24_m_MMC-18-04_Wet.JPG   MMC-18-04_Header_Core Photos_BX_5-8_18.81-36.21_m_MMC-18-04_Wet.JPG   MMC-18-04_Header_Core Photos_BX_13-16_53.40-70.53_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_BX_1-4_0.00-18.81_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_BX_9-12_36.21-53.40_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_BX_21-24_88.14-105.19_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_41-44_170.66-192.17_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_280.07-281.07_m_Wet_EOH.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_53-56_227.17-244.82_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_37-40_157.78-174.95_m_Wet.JPG   MMC-18-04_Header_Core Photos_BX_5-8_18.81-36.21_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_33-36_140.28-157.78_m_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_29-32_121.45-140.28_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_262.60-280.07_m_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_244.82-262.60_m_Wet.JPG   MMC-18-04_Header_Core Photos_BX_17-20_70.53-88.14_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_49-52_209.67-227.17_m_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_33-36_140.28-157.78_m_Dry.JPG   MMC-18-04_Header_Core Photos_BX_1-4_0.00-18.81_m_MMC-18-04_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_29-32_121.45-140.28_m_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_45-48_192.17-209.67_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_49-52_209.67-227.17_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_53-56_227.17-244.82_m_Wet.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_45-48_192.17-209.67_m_Wet.JPG   MMC-18-04_Header_Core Photos_BX_25-28_105.19-122.24_m_MMC-18-04_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_244.82-262.60_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_37-40_157.78-174.95_m_Dry.JPG   MMC-18-04_Header_Core Photos_MMC-18-04_Bx_262.60-280.07_m_Dry.JPG

Hole number	coordinates.Type	coordinates.Grid	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting
MMC-18-04	Planned	NAD83 / UTM zone 17N	NAD83 / UTM zone 17N	5133598	5133598	436167.5

Hole number	converted.coordinates.Easting	coordinates.Elevation	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-04	436167.5	359	Exp	Mt	Coreshed	PAT-42279	2018-11-01	2018-11-05

Hole number	Comments	Drilling started	Drilling completed	Drilling contractor
MMC-18-04	Fault area lost core: 121.45-123.67. lost core redrill (several short runs): 141.25-141.76	2018-10-31	2018-11-04	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-04	0	1.72	Overburden	OB
MMC-18-04	1.72	4.16	Metasediments	1A
MMC-18-04	4.16	6	Metasediments	1C
MMC-18-04	6	11	Metasediments	1A
MMC-18-04	11	12	Metasediments	1C
MMC-18-04	12	39.12	Metasediments	1A
MMC-18-04	39.12	39.45	Metasediments	1C
MMC-18-04	39.45	44.67	Metasediments	1B
MMC-18-04	44.67	48.51	Metasediments	1A
MMC-18-04	48.51	52.44	Metasediments	1A
MMC-18-04	52.44	53.17	Metasediments	1A
MMC-18-04	53.17	54.47	Metasediments	1A
MMC-18-04	54.47	66.71	Metasediments	1B
MMC-18-04	66.71	67.03	Metasediments	1B
MMC-18-04	67.03	69.88	Metasediments	1A
MMC-18-04	69.88	70.63	Metasediments	1C
MMC-18-04	70.63	104.02	Metasediments	1A
MMC-18-04	104.02	120.66	Metasediments	1C
MMC-18-04	120.66	123.67	Structure	FLT

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-04	123.67	138.11	Metasediments	1B
MMC-18-04	138.11	140.81	Metasediments	1C
MMC-18-04	140.81	142.61	Metasediments	1B
MMC-18-04	142.61	143.67	Metasediments	1C
MMC-18-04	143.67	145.65	Metasediments	1B
MMC-18-04	145.65	147.15	Metasediments	1C
MMC-18-04	147.15	152.42	Metasediments	1B
MMC-18-04	152.42	153.12	Metasediments	1A
MMC-18-04	153.12	160.94	Metasediments	1B
MMC-18-04	160.94	161.94	Metasediments	1A
MMC-18-04	161.94	175.07	Upper Unit	4D
MMC-18-04	175.07	192.12	Upper Unit	4C
MMC-18-04	192.12	203.51	Upper Unit	4B
MMC-18-04	203.51	211.5	Upper Unit	4B
MMC-18-04	211.5	218.31	Structure	SHR
MMC-18-04	218.31	239	Upper Unit	4B
MMC-18-04	239	281.06	Lower Unit	3A
MMC-18-04	281.06	281.07	End of hole	End of hole

Hole ID	From (m)	To (m)	Description (original)
MMC-18-04	0	1.72	Casing extends down for 3m. at 1.72m it enters into metasediments. Core within the casing interval is fragmented with strong hematization along fracture planes
MMC-18-04	1.72	4.16	F.g., to m.g., grained sandstone, bluish-grey, thin to moderately laminated with zones of flattened pebbles. Lower contact is gradational and marked by the appearance of crossbedding.
MMC-18-04	4.16	6	Cross-bedded silty-sandstone, colour varies between blue-grey and biegey white beds with locally developed hornfels and bt flecks. Lower contact is poorly defined.
MMC-18-04	6	11	F.g., to m.g., grained sandstone, bluish-grey, thin to moderately laminated with zones of flattened pebbles. Lower contact is gradational
MMC-18-04	11	12	M.g., silty-sandstone, moderately bedded, colour varies between blue-grey with locally developed hornfels and bt flecks. Lower contact is poorly defined.
MMC-18-04	12	39.12	F.g., to m.g., grained sandstone, bluish-grey, thin to moderately laminated with zones of flattened pebbles. A few small beds of mud/siltstone are present locally (<10cm). Pyrite occurs throughout the unit along fracture planes and with hairline qtz/carb vns.  21-23m sediments become massive  Lower contact is gradational
MMC-18-04	39.12	39.45	Fine-grained quartzite (silicified?) with coarse-grains (~1 mm) of plagioclase feldspar and minor mafic grains; interbedded with fine-grained black muddy beds.
MMC-18-04	39.45	44.67	Fine-grained, massive to poorly bedded, dark gray, rare medium-grained rounded quartz grains (sometimes blue); predominantly fine-grained silt-clay
MMC-18-04	44.67	48.51	medium-grained sandstone with small (<1 cm) black muddy beds; planar laminated bedding; rare beds of silicified coarse-grained quartzite; coarser-grained bottom contact.
MMC-18-04	48.51	52.44	very-fine grained muddy upper contact; @48.83 dark muddy crossbeds; let's get just a regular sandstone column
MMC-18-04	52.44	53.17	coarse-grained quartzite (silicified) with no matrix w/ interbeds of medium-grained quartzite with muddy matrix
MMC-18-04	53.17	54.47	Several fining upwards successions with medium-grained sandstone (~90% quartz grains, 10% matrix) fining upwards to graywacke; individual fining up sequences are ~20 cm thick
MMC-18-04	54.47	66.71	Massive to poorly bedded medium-grained quartzite with cm-scale planar laminated black muddy beds and rare coarse-grained silicified quartzite beds. @62.60-62.73 very good crossbedding
MMC-18-04	66.71	67.03	Foliated fine-grained muddy bed
MMC-18-04	67.03	69.88	medium-coarse grained quartzite with poor planar bedding; bases of individual beds are very-coarse grained; rare white silicified quartzite beds with muddy interbeds
MMC-18-04	69.88	70.63	coarse grained white silicified quartzite, planar bedding, coarse grains of plagioclase feldspar (1 mm,) and mafic grains (0.5 mm); 75% quartz (silicification?), 20% plagioclase grains, 5% mafic grains;
MMC-18-04	70.63	104.02	medium-coarse grained sandstone interbedded with fine-grained siltstone and rare interbeds of coarse-grained feldspathic silicified quartzite; planar horizontal and inclined bedding, fining upwards successions; mg sandstone is grayish and is ~75-90% subrounded-subangular equant quartz grains and ~10-25% mud matrix; siltstone is beigish and ~95% mud with rare fg-mg quartz grains; silicified feldspathic quartzite is ~85-90% quartz with minor grains of plagioclase and mafic grains; secondary Py along fractures and bedding planes common.
MMC-18-04	104.02	120.66	similar to above unit, but, interbeds of silicified white feldspathic quartzite are much more abundant; Py along fractures and bedding planes also more abundant (more porous and permeable?)
MMC-18-04	120.66	123.67	medium-grained gray quartzite that is strongly foliated; very blocky; some slip faces present; dissolution along bedding planes also present; lost core from 121.45-123.67



Hole ID	From (m)	To (m)	Description (original)
MMC-18-04	123.67	138.11	medium-grained quartzite sandstone interbedded with fine-grained siltstone and rare interbeds of coarse-grained feldspathic silicified quartzite; planar horizontal and inclined bedding; mg sandstone is grayish and is ~75-90% subrounded-subangular equant quartz grains and ~10% mud matrix; siltstone is grayish and ~95% mud with rare fg-mg quartz grains; silicified feldspathic quartzite is ~85-90% quartz with minor grains of plagioclase and mafic grains; secondary Py along fractures and bedding planes common; weak foliation defined by alignment of porphyroblasts; small granitic? intrusion 129.60-129.77.
MMC-18-04	138.11	140.81	coarse-grained feldspathic quartzite, white-beige in colour; similar to to other quartzite beds
MMC-18-04	140.81	142.61	medium-grained dark gray siltstone; weakly-moderately foliated
MMC-18-04	142.61	143.67	similar to previous feldspathic unit but more pink (more kspar grains); intercalated mm-scale laminations of dark siltstone.
MMC-18-04	143.67	145.65	mg dark gray siltstone with some minor mg-cg quartz-rich sandstone laminae
MMC-18-04	145.65	147.15	cg pinkish feldspathic quartzite with minor dark siltstone beds
MMC-18-04	147.15	152.42	mg dark gray siltstone
MMC-18-04	152.42	153.12	cg beige quartzite with very little feldspar
MMC-18-04	153.12	160.94	pale gray siltstone with rare coarse quartz grains; interbedded with cm-scale beds of beige quartzite
MMC-18-04	160.94	161.94	beige quartzite with massive texture
MMC-18-04	161.94	175.07	diffuse upper contact with metasediments; fine-grained; strongly foliated; grayish; 80% mafic minerals, 15% plagioclase feldspar, 5% biotite; minerals are anhedral and <1 mm in size apart from rare plagioclase grains; biotite is apparent along foliation planes and define foliation along with alignment of plagioclase; several intercalations of metasediments present, metasediments are foliated as well and silicified, some Py along fractures in metaseds, quartz+chlorite veins along contact of diorite with metaseds.
MMC-18-04	175.07	192.12	Unsure of upper contact likely gradational; several ~10-100 cm intercalations of hornfels metasediments; medium-coarse grained; dark gray; massive texture to weakly foliated; 60-70% mafic minerals, 25-35% plagioclase, 5% quartz grains; mafic minerals are ~1 mm and consist of anhedral clusters of pyroxene (likely metamorphosed to amphibole) w/rare acicular needles of amphibole; plagioclase grains are ~1-2 mm and consist of anhedral interstitial clusters surrounding mafic minerals, rare grains are >1 mm; quartz grains are ~1 mm in size and are anhedral, equant and associated with plagioclase; some silicified portions with pinkish quartz and fine-grained clusters of pinkish-cream mineral (leucoxene?); gradational contact with next unit
MMC-18-04	192.12	203.51	Transitional contact with melagabbro; very fine to fine-grained; massive texture; dark black; ~90-95% fine grained mafic minerals, 5-10% anhedral equant plagioclase grains ~1-3 mm; some coarse cm-scale leucocratic sections; begins to coarsen to mm-scale mafic and plagioclase grains ~194.34; mineralization begins ~194.59 m.
MMC-18-04	203.51	211.5	gradational contact into coarser-grained leucocratic section of melagabbro (new naming scheme?); 30-40% mafic minerals, 60-70% plagioclase feldspar; mafic minerals are ~1-5 mm in length, dark green, elongated subhedral, likely amphibole; plagioclase is ~1-3 mm in length, white-beige, equant and subhedral, but some rare euhedral laths, some plagioclase is beige and likely from sericitization; also appears to be minor quartz in leucocratic portions of gabbro; leucocratic portions have much coarser mafic minerals with some elongated amphibole ~1 cm in length, plagioclase and minor quartz form anhedral clusters.
MMC-18-04	211.5	218.31	strongly foliated shearzone in coarse-grained melagabbro; still some mineralization associated with shear; quartz-rich leucocratic sections in shear as well.
MMC-18-04	218.31	239	medium-grained; massive texture; avg grain size ~1 mm; dark gray colour; mafic minerals ~70% as anhedral dark green clusters; ~30% plagioclase, anhedral interstitial clusters and rare euhedral laths ~3 mm in length. begins to coarsen ~228 m until 229.5 it becomes fine-grained again near a banded quartz+amphibole vein?; a similar cycle is seen from 229.5-223 m.; transitional contact with Nipissing gabbro
MMC-18-04	239	281.06	coarse-very coarse grained; massive texture; dark green prismatic amphibole ~60%, 3-5 mm in size, some chloritic fine-grained groundmass; white plagioclase ~40% ~1-5 mm in size, generally anhedral to subhedral interstitial clusters with some euhedral elongated laths; some very-coarse grained pegmatitic pods that consist of clusters of cm-size euhedral amphibole grains (up to ~3 cm in diameter) with aphanitic groundmass between grains, these pods occur sporadically and are only ~10 cm thick; mineralization occurs as blebs ~1 cm in size and sulphides are often associated with fibrous sericite veins and coarse-pegmatitic pods. Generally, Nipissing gabbro is much coarser and amphibole are more euhedral and larger compared to melagabbro.
MMC-18-04	281.06	281.07	

Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A	Al % GE_IMS90A
MMC-18-04	8.44	9.53	S00354078	Original	Trace Cpy along fractures in metaseds	0.5	5.33
MMC-18-04	29.46	30.16	S00354079	Original	Trace Po along fractures in metaseds	0.5	2.93
MMC-18-04	29.46	30.16	S00354080	FieldDup	Trace Po along fractures in metaseds	0.5	3.03
MMC-18-04	178.36	179.4	S00354081	Original		0.5	9.67
MMC-18-04	179.4	179.78	S00354082	Original		0.5	9.86
MMC-18-04	179.78	180.83	S00354083	Original		0.5	10.9
MMC-18-04	193.96	194	S00354084	Original		0.5	9.53
MMC-18-04	194	194.52	S00354085	Original		0.5	10.4
MMC-18-04	194.52	195.53	S00354086	Original		0.5	9.73
MMC-18-04	195.53	196.59	S00354087	Original		0.5	9.14
MMC-18-04	196.59	197.33	S00354088	Original		0.5	8.61
MMC-18-04	197.33	198.35	S00354089	Original		0.5	7.96
MMC-18-04			S00354090	Control	actually coarse blank	0.5	0.09
MMC-18-04	198.35	199.36	S00354091	Original	blebby, frac controlled 3% Po>Cpy	2	8.14
MMC-18-04	199.36	200.31	S00354092	Original	blebby, frac controlled 1% Po>Cpy	0.5	7.6
MMC-18-04	200.31	200.97	S00354093	Original	blebby, 1% Po	0.5	8.16
MMC-18-04	200.97	201.48	S00354094	Original	blebby, VN controlled, 3% Cpy>Po	5	6.82
MMC-18-04	201.48	202.23	S00354095	Original	blebby and fracture controlled ~3% po+cpy	0.5	7.79
MMC-18-04	202.23	202.98	S00354096	Original	blebby 1-3% po>cpy	0.5	7.42
MMC-18-04	202.98	203.44	S00354097	Original	disseminated to blebby ~1% cpy>po	0.5	7.6
MMC-18-04	203.44	204.43	S00354098	Original	disseminated 1% po with minor cpy	0.5	8.83
MMC-18-04	204.43	205.33	S00354099	Original	blebby ~3% po>>cpy	0.5	9.73
MMC-18-04			S00354100	Control	Supposed to be STD high, was submitted in error as powdered blank	0.5	9.54
MMC-18-04	205.33	205.96	S00354101	Original	disseminated trace po with minor cpy	0.5	10.3
MMC-18-04	205.96	207.05	S00354102	Original	disseminated trace po>>cpy	0.5	9.45
MMC-18-04	207.05	208.22	S00354103	Original	disseminated trace po>>cpy	0.5	9.47
MMC-18-04	208.22	208.96	S00354104	Original	disseminated blebby po>>cpy 1%	0.5	10.1
MMC-18-04	208.96	209.94	S00354105	Original	1% blebby po	0.5	9.49
MMC-18-04	209.94	210.98	S00354106	Original	disseminated trace po>cpy	0.5	10.3
MMC-18-04	210.98	211.5	S00354107	Original	disseminated trace cpy>po	0.5	9.57
MMC-18-04	211.5	212.52	S00354108	Original		0.5	10.3
MMC-18-04	212.52	213.35	S00354109	Original	trace disseminated po	0.5	8.83
MMC-18-04			S00354110	Control	powdered blank	0.5	9.25
MMC-18-04	213.35	214.5	S00354111	Original	blebby ~3% cpy>po	0.5	9.6
MMC-18-04	214.5	215.52	S00354112	Original	blebby ~1% po, shear	0.5	10.1
MMC-18-04	215.52	216.58	S00354113	Original	blebby ~1% po, shear	0.5	9.76
MMC-18-04	216.58	217.54	S00354114	Original	disseminated trace po + cpy, shear	0.5	10.1
MMC-18-04	217.54	218.2	S00354115	Original	blebby 1% po > cpy, shear	0.5	9.41
MMC-18-04	218.4	219.38	S00354116	Original	disseminated 0.5% cpy>po	0.5	9.69
MMC-18-04	219.38	220.43	S00354117	Original	blebby to disseminated 1% po>cpy	0.5	9.71
MMC-18-04	220.43	221.43	S00354118	Original	disseminated trace po	0.5	9.33
MMC-18-04	222.43	222.57	S00354119	Original	disseminated trace po	0.5	9.11
MMC-18-04			S00354120	Control	lower STD	0.5	3.03
MMC-18-04	222.57	223.69	S00354121	Original	disseminated trace po (continuity sample)	0.5	8.48
MMC-18-04	223.69	224.71	S00354122	Original	disseminated trace po+cpy (continuity sample)	0.5	8.67

Hole number	From	To	Sample Number	Sample Type	Comments	Ag ppm GE_IMS90A	Al % GE_IMS90A
MMC-18-04	224.71	225.78	S00354123	Original	disseminated trace po (continuity sample)	0.5	8.42
MMC-18-04	225.78	226.83	S00354124	Original	disseminated po	0.5	8.65
MMC-18-04	226.83	227.73	S00354125	Original	Disseminated trace po (continuity sample)	0.5	8.91
MMC-18-04	227.73	228.93	S00354126	Original	Disseminated with minor blebby 1% po >> cpy	0.5	9.45
MMC-18-04	228.93	229.95	S00354127	Original	Blebby 1% po > cpy	0.5	8.89
MMC-18-04	229.95	230.86	S00354128	Original	disseminated trace po >> cpy	0.5	8.02
MMC-18-04	230.86	231.89	S00354129	Original	Disseminated trace po >> cpy	0.5	7.9
MMC-18-04	230.86	231.89	S00354130	FieldDup	Disseminated trace po >> cpy	0.5	7.6
MMC-18-04	231.89	232.9	S00354131	Original	Fracture controlled 1% py	0.5	8.69
MMC-18-04	232.9	233.3	S00354132	Original	3% blebby+fracture controlled Po and Cpy	0.5	7.74
MMC-18-04	233.3	233.63	S00354133	Original	40% net-textured Po	0.5	4.77
MMC-18-04	233.63	234.42	S00354134	Original	1% diss-blebby Cpy>Po	0.5	7.95
MMC-18-04	234.42	235.21	S00354135	Original	1% blebby to diss with some fracture controlled Po~Cpy	2	6.64
MMC-18-04	235.21	236.22	S00354136	Original	trace diss Po>cpy	0.5	6.47
MMC-18-04	236.22	236.82	S00354137	Original	trace blebby Po	0.5	8.04
MMC-18-04	236.82	237.88	S00354138	Original	continuity	0.5	7.6
MMC-18-04	237.88	238.94	S00354139	Original	1% diss-blebby Cpy>Po	0.5	7.94
MMC-18-04			S00354140	Control	actually coarse blank	3	0.08
MMC-18-04	238.94	240.08	S00354141	Original		0.5	8.4
MMC-18-04	240.08	241.25	S00354142	Original	continuity, trace Po	0.5	8.94
MMC-18-04	241.25	242.3	S00354143	Original	continuity, trace Po	0.5	9.3
MMC-18-04	242.3	243.3	S00354144	Original	1% blebby Po>Cpy	0.5	9.11
MMC-18-04	243.3	244.43	S00354145	Original	diss trace Po	0.5	9.34
MMC-18-04	244.43	245.42	S00354146	Original	diss trace Cpy>Po	0.5	9.02
MMC-18-04	245.42	246.48	S00354147	Original	diss and vn controlled Cpy>Po	0.5	8.21
MMC-18-04	246.48	247.5	S00354148	Original	trace vn and diss Cpy>Po	0.5	8.93
MMC-18-04	247.5	248.45	S00354149	Original	continuity	0.5	8.97
MMC-18-04			S00354150	Control		4	5.72
MMC-18-04	248.45	249.36	S00354151	Original	0.5% diss and vn Cpy	0.5	9.03
MMC-18-04	249.36	250.34	S00354152	Original	continuity	0.5	8.45
MMC-18-04	250.34	251.36	S00354153	Original	continuity	0.5	8.34
MMC-18-04	251.36	252.4	S00354154	Original	diss and vn 0.5% Cpy	0.5	8.52
MMC-18-04	257.14	258.18	S00354155	Original	shoulder trace Po	0.5	8.72
MMC-18-04	258.18	258.97	S00354156	Original	trace diss Po	0.5	9.87
MMC-18-04	258.97	259.9	S00354157	Original	blebby ~1% cpy>Po	0.5	8.28
MMC-18-04	259.9	260.82	S00354158	Original	blebby ~1% Po~Cpy	0.5	9.7
MMC-18-04	260.82	262.12	S00354159	Original	blebby ~1% Cpy>Po	0.5	9.39
MMC-18-04			S00354160	Control		0.5	9.21
MMC-18-04	262.12	262.92	S00354161	Original	continuity	0.5	8.79
MMC-18-04	262.92	263.69	S00354162	Original		0.5	9.53
MMC-18-04	263.69	264.05	S00354163	Original	~1% blebby and vein controlled Cpy>Po	0.5	9.44
MMC-18-04	264.05	264.98	S00354164	Original	shoulder	0.5	8.55
MMC-18-04	270.82	271.25	S00354165	Original	spot sample, vein w/1% Cpy	0.5	8.06

Hole number	From	To	Sample Number	As ppm GE_IMS90A	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A	Ca % GE_IMS90A
MMC-18-04	8.44	9.53	S00354078	71	15	420	0.5	0.9	0.05
MMC-18-04	29.46	30.16	S00354079	1.5	0.5	350	0.5	0.1	0.05
MMC-18-04	29.46	30.16	S00354080	1.5	0.5	350	0.5	0.1	0.05
MMC-18-04	178.36	179.4	S00354081	6	0.5	120	2	0.05	0.6
MMC-18-04	179.4	179.78	S00354082	402	3	80	1	1.3	0.4
MMC-18-04	179.78	180.83	S00354083	39	3	70	1	0.1	0.6
MMC-18-04	193.96	194	S00354084	17	0.5	50	2	0.2	3.1
MMC-18-04	194	194.52	S00354085	392	37	90	1	2.2	2.7
MMC-18-04	194.52	195.53	S00354086	690	57	60	1	13.1	2
MMC-18-04	195.53	196.59	S00354087	570	14	50	2	1.8	2.4
MMC-18-04	196.59	197.33	S00354088	118	18	60	1	1.7	3
MMC-18-04	197.33	198.35	S00354089	133	34	60	1	5.2	3.1
MMC-18-04			S00354090	1.5	0.5	20	0.5	0.05	25
MMC-18-04	198.35	199.36	S00354091	66	54	90	1	3.7	3.1
MMC-18-04	199.36	200.31	S00354092	86	81	130	1	5.2	3.8
MMC-18-04	200.31	200.97	S00354093	31	76	160	1	3.9	4.1
MMC-18-04	200.97	201.48	S00354094	249	557	120	0.5	10.6	4.1
MMC-18-04	201.48	202.23	S00354095	78	175	160	0.5	8.5	3.8
MMC-18-04	202.23	202.98	S00354096	176	140	140	0.5	10.6	3.4
MMC-18-04	202.98	203.44	S00354097	101	70	190	0.5	2.9	3.4
MMC-18-04	203.44	204.43	S00354098	105	191	250	1	8.8	4.2
MMC-18-04	204.43	205.33	S00354099	74	175	320	1	10.2	4.4
MMC-18-04			S00354100	1.5	0.5	620	0.5	0.1	4.7
MMC-18-04	205.33	205.96	S00354101	6	16	330	1	1.1	5.1
MMC-18-04	205.96	207.05	S00354102	1.5	0.5	310	1	0.3	4.8
MMC-18-04	207.05	208.22	S00354103	4	0.5	280	1	0.3	4.8
MMC-18-04	208.22	208.96	S00354104	6	27	320	1	2.7	4.6
MMC-18-04	208.96	209.94	S00354105	5	18	350	1	1.5	4.6
MMC-18-04	209.94	210.98	S00354106	4	0.5	340	1	0.3	4.9
MMC-18-04	210.98	211.5	S00354107	1.5	0.5	310	1	0.2	4.3
MMC-18-04	211.5	212.52	S00354108	1.5	0.5	330	1	0.4	5.1
MMC-18-04	212.52	213.35	S00354109	1.5	1	300	1	0.4	4
MMC-18-04			S00354110	4	0.5	600	0.5	0.05	4.7
MMC-18-04	213.35	214.5	S00354111	36	50	290	1	2.6	4.6
MMC-18-04	214.5	215.52	S00354112	7	2	250	1	0.6	4.8
MMC-18-04	215.52	216.58	S00354113	1.5	0.5	260	1	0.3	4.3
MMC-18-04	216.58	217.54	S00354114	1.5	0.5	250	1	0.3	5.3
MMC-18-04	217.54	218.2	S00354115	5	17	210	1	1.1	4.8
MMC-18-04	218.4	219.38	S00354116	8	9	240	0.5	0.6	5.3
MMC-18-04	219.38	220.43	S00354117	12	5	210	0.5	0.6	5.5
MMC-18-04	220.43	221.43	S00354118	5	3	180	0.5	0.3	5
MMC-18-04	222.43	222.57	S00354119	7	0.5	210	1	0.3	5.3
MMC-18-04			S00354120	213	89	80	0.5	0.05	3.5
MMC-18-04	222.57	223.69	S00354121	5	6	180	0.5	0.3	4.2
MMC-18-04	223.69	224.71	S00354122	17	5	180	0.5	0.4	3.9

Hole number	From	To	Sample Number	As ppm GE_IMS90A	Au PPB GE_FAI313	Ba ppm GE_IMS90A	Be ppm GE_IMS90A	Bi ppm GE_IMS90A	Ca % GE_IMS90A
MMC-18-04	224.71	225.78	S00354123	24	4	130	0.5	0.4	4.7
MMC-18-04	225.78	226.83	S00354124	7	2	170	0.5	0.4	5.1
MMC-18-04	226.83	227.73	S00354125	12	0.5	150	0.5	0.3	4.7
MMC-18-04	227.73	228.93	S00354126	6	1	180	0.5	0.4	4.7
MMC-18-04	228.93	229.95	S00354127	4	1	180	1	0.3	4.3
MMC-18-04	229.95	230.86	S00354128	7	0.5	150	0.5	0.2	4.2
MMC-18-04	230.86	231.89	S00354129	1.5	2	180	0.5	0.3	4.5
MMC-18-04	230.86	231.89	S00354130	1.5	2	190	0.5	0.2	4.1
MMC-18-04	231.89	232.9	S00354131	22	0.5	190	1	0.2	4.6
MMC-18-04	232.9	233.3	S00354132	12	11	160	0.5	1.1	4.3
MMC-18-04	233.3	233.63	S00354133	22	20	110	0.5	4.1	2.9
MMC-18-04	233.63	234.42	S00354134	17	3	190	0.5	0.4	4.7
MMC-18-04	234.42	235.21	S00354135	118	279	180	0.5	9.7	3.9
MMC-18-04	235.21	236.22	S00354136	55	148	150	0.5	6	3.8
MMC-18-04	236.22	236.82	S00354137	29	2	140	1	0.4	4.2
MMC-18-04	236.82	237.88	S00354138	14	2	140	0.5	0.3	4.2
MMC-18-04	237.88	238.94	S00354139	1.5	9	160	0.5	0.4	4.5
MMC-18-04			S00354140	9	1	20	0.5	0.05	25
MMC-18-04	238.94	240.08	S00354141	18	20	150	0.5	0.5	4.9
MMC-18-04	240.08	241.25	S00354142	12	13	160	0.5	0.4	5.2
MMC-18-04	241.25	242.3	S00354143	22	9	170	0.5	0.4	4.8
MMC-18-04	242.3	243.3	S00354144	42	27	170	0.5	0.6	5.4
MMC-18-04	243.3	244.43	S00354145	10	7	170	0.5	0.4	5
MMC-18-04	244.43	245.42	S00354146	8	5	120	0.5	0.3	5.7
MMC-18-04	245.42	246.48	S00354147	8	23	140	0.5	0.5	6
MMC-18-04	246.48	247.5	S00354148	23	19	150	0.5	0.4	6.1
MMC-18-04	247.5	248.45	S00354149	16	5	180	0.5	0.3	6.3
MMC-18-04			S00354150	17	240	110	0.5	1.2	3.6
MMC-18-04	248.45	249.36	S00354151	5	0.5	190	0.5	0.2	6.7
MMC-18-04	249.36	250.34	S00354152	10	0.5	170	0.5	0.2	6.9
MMC-18-04	250.34	251.36	S00354153	15	1	140	0.5	0.2	7.5
MMC-18-04	251.36	252.4	S00354154	14	0.5	140	0.5	0.2	7.5
MMC-18-04	257.14	258.18	S00354155	22	0.5	140	0.5	0.2	7.1
MMC-18-04	258.18	258.97	S00354156	42	2	180	0.5	0.3	6.6
MMC-18-04	258.97	259.9	S00354157	29	3	150	0.5	0.3	6.5
MMC-18-04	259.9	260.82	S00354158	17	10	230	0.5	0.4	6.5
MMC-18-04	260.82	262.12	S00354159	61	3	180	0.5	0.3	6.6
MMC-18-04			S00354160	5	0.5	660	0.5	0.1	4.3
MMC-18-04	262.12	262.92	S00354161	13	0.5	200	0.5	0.2	6.2
MMC-18-04	262.92	263.69	S00354162	6	0.5	160	0.5	0.2	5.3
MMC-18-04	263.69	264.05	S00354163	4	3	70	0.5	0.2	2.8
MMC-18-04	264.05	264.98	S00354164	1.5	0.5	140	0.5	0.2	6.2
MMC-18-04	270.82	271.25	S00354165	6	0.5	150	0.5	0.1	7.4

Hole number	From	To	Sample Number	Cd ppm GE_IMS90A	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A	Cu ppm GE_IMS90A	Fe % GE_IMS90A
MMC-18-04	8.44	9.53	S00354078	0.1	7.3	73	0.9	25	1.15
MMC-18-04	29.46	30.16	S00354079	0.1	3.4	50	0.8	5	1.28
MMC-18-04	29.46	30.16	S00354080	0.1	3.4	48	0.8	6	1.09
MMC-18-04	178.36	179.4	S00354081	0.1	20.8	237	0.2	47	6.15
MMC-18-04	179.4	179.78	S00354082	0.2	111	252	0.2	140	6.12
MMC-18-04	179.78	180.83	S00354083	0.1	26.7	497	0.5	12	7.63
MMC-18-04	193.96	194	S00354084	0.1	24.9	118	0.6	21	7.98
MMC-18-04	194	194.52	S00354085	0.1	31.6	239	0.3	19	8.06
MMC-18-04	194.52	195.53	S00354086	0.1	105	647	0.3	1080	11
MMC-18-04	195.53	196.59	S00354087	0.2	212	619	0.2	1070	10.2
MMC-18-04	196.59	197.33	S00354088	0.2	183	557	0.3	1780	10.5
MMC-18-04	197.33	198.35	S00354089	0.1	419	506	0.4	3090	16.5
MMC-18-04			S00354090	0.1	1.7	8	0.05	10	0.29
MMC-18-04	198.35	199.36	S00354091	0.1	231	403	0.8	2630	11.5
MMC-18-04	199.36	200.31	S00354092	0.1	218	304	1.9	2240	11.9
MMC-18-04	200.31	200.97	S00354093	0.1	147	263	2.2	1430	10.6
MMC-18-04	200.97	201.48	S00354094	1.3	363	263	1.4	23800	15.9
MMC-18-04	201.48	202.23	S00354095	0.2	258	405	2.2	2420	13.4
MMC-18-04	202.23	202.98	S00354096	0.1	485	281	1.7	1240	18
MMC-18-04	202.98	203.44	S00354097	0.4	95.7	107	2.2	2000	9.75
MMC-18-04	203.44	204.43	S00354098	0.1	97.4	85	2.5	903	8.35
MMC-18-04	204.43	205.33	S00354099	0.3	98	80	3.5	1820	8.73
MMC-18-04			S00354100	0.1	14	24	0.8	102	4.99
MMC-18-04	205.33	205.96	S00354101	0.1	31.9	97	2.7	286	7.07
MMC-18-04	205.96	207.05	S00354102	0.1	34.4	92	2.7	198	7.02
MMC-18-04	207.05	208.22	S00354103	0.1	38.3	141	2.6	171	7.12
MMC-18-04	208.22	208.96	S00354104	0.1	64.6	182	3	378	7.77
MMC-18-04	208.96	209.94	S00354105	0.1	47.1	153	3.5	447	7.3
MMC-18-04	209.94	210.98	S00354106	0.1	36.4	217	2.8	191	7.66
MMC-18-04	210.98	211.5	S00354107	0.1	35.1	197	3	264	6.74
MMC-18-04	211.5	212.52	S00354108	0.1	47	264	3.2	263	7.81
MMC-18-04	212.52	213.35	S00354109	0.1	35.4	179	2.6	394	7.3
MMC-18-04			S00354110	0.1	13.7	37	0.7	104	4.9
MMC-18-04	213.35	214.5	S00354111	0.1	60.4	203	3.6	645	8.2
MMC-18-04	214.5	215.52	S00354112	0.1	38.8	188	3.8	402	7.91
MMC-18-04	215.52	216.58	S00354113	0.1	41.4	197	3.9	146	7.74
MMC-18-04	216.58	217.54	S00354114	0.1	46.8	180	3.3	226	7.25
MMC-18-04	217.54	218.2	S00354115	0.1	66	200	2.6	404	7.98
MMC-18-04	218.4	219.38	S00354116	0.1	71.3	202	1.8	376	8.5
MMC-18-04	219.38	220.43	S00354117	0.1	61.3	213	1.5	332	7.89
MMC-18-04	220.43	221.43	S00354118	0.1	44.7	172	1.8	240	8.06
MMC-18-04	222.43	222.57	S00354119	0.1	42.4	155	2	191	7.49
MMC-18-04			S00354120	0.3	188	3060	2.1	2690	11
MMC-18-04	222.57	223.69	S00354121	0.1	44	158	2.6	194	8.1
MMC-18-04	223.69	224.71	S00354122	0.1	46.7	161	2.3	209	8.32

Hole number	From	To	Sample Number	Cd ppm GE_IMS90A	Co ppm GE_IMS90A	Cr ppm GE_IMS90A	Cs ppm GE_IMS90A	Cu ppm GE_IMS90A	Fe % GE_IMS90A
MMC-18-04	224.71	225.78	S00354123	0.1	54	155	2.3	130	8.82
MMC-18-04	225.78	226.83	S00354124	0.1	49.6	208	3.5	79	8.7
MMC-18-04	226.83	227.73	S00354125	0.1	46	334	2.7	38	8.05
MMC-18-04	227.73	228.93	S00354126	0.1	68.7	350	2.3	358	8.67
MMC-18-04	228.93	229.95	S00354127	0.1	64.7	302	3.7	245	8.44
MMC-18-04	229.95	230.86	S00354128	0.1	46.6	156	5.3	199	8.82
MMC-18-04	230.86	231.89	S00354129	0.1	52.2	172	7	200	10.1
MMC-18-04	230.86	231.89	S00354130	0.4	52.3	161	7.1	197	9.66
MMC-18-04	231.89	232.9	S00354131	0.1	52.5	183	4.8	229	8.2
MMC-18-04	232.9	233.3	S00354132	0.2	145	180	3.4	708	11.6
MMC-18-04	233.3	233.63	S00354133	1.4	794	260	2.4	1310	25
MMC-18-04	233.63	234.42	S00354134	0.1	60.6	168	6.9	146	9.53
MMC-18-04	234.42	235.21	S00354135	0.7	150	251	5.6	2850	11.7
MMC-18-04	235.21	236.22	S00354136	0.4	164	344	5.2	1840	12.5
MMC-18-04	236.22	236.82	S00354137	0.1	90.6	210	2.1	345	8.88
MMC-18-04	236.82	237.88	S00354138	0.1	63.2	256	2.3	309	9.07
MMC-18-04	237.88	238.94	S00354139	0.2	66.8	208	2.3	610	9.03
MMC-18-04			S00354140	0.2	1.1	2.5	0.05	4	0.34
MMC-18-04	238.94	240.08	S00354141	0.1	54.8	126	0.9	429	7.81
MMC-18-04	240.08	241.25	S00354142	0.1	46.3	112	0.9	386	7.17
MMC-18-04	241.25	242.3	S00354143	0.1	39.9	94	1	160	6.96
MMC-18-04	242.3	243.3	S00354144	0.4	65.1	69	0.9	1490	7.14
MMC-18-04	243.3	244.43	S00354145	0.2	46.2	61	0.9	276	7.01
MMC-18-04	244.43	245.42	S00354146	0.3	46.9	73	0.8	210	7.58
MMC-18-04	245.42	246.48	S00354147	0.3	47.3	99	0.7	513	7.53
MMC-18-04	246.48	247.5	S00354148	0.3	54.4	124	0.8	623	7.39
MMC-18-04	247.5	248.45	S00354149	0.1	43.2	140	1	158	7.02
MMC-18-04			S00354150	2.3	1000	307	0.7	16100	18.5
MMC-18-04	248.45	249.36	S00354151	0.3	45.9	145	1	84	7.71
MMC-18-04	249.36	250.34	S00354152	0.1	46.4	107	1	114	7.42
MMC-18-04	250.34	251.36	S00354153	0.1	45	98	0.9	140	7.29
MMC-18-04	251.36	252.4	S00354154	0.1	40.4	114	0.8	93	7.02
MMC-18-04	257.14	258.18	S00354155	0.3	47.3	193	0.5	116	7.04
MMC-18-04	258.18	258.97	S00354156	0.1	42.1	156	0.7	86	7
MMC-18-04	258.97	259.9	S00354157	0.3	57.1	209	0.6	185	7.97
MMC-18-04	259.9	260.82	S00354158	0.3	48	186	0.8	225	7.09
MMC-18-04	260.82	262.12	S00354159	0.1	45.6	164	0.8	127	7.05
MMC-18-04			S00354160	0.1	13.6	31	0.8	91	4.94
MMC-18-04	262.12	262.92	S00354161	0.1	45.4	162	0.9	69	7.31
MMC-18-04	262.92	263.69	S00354162	0.1	39.8	122	0.8	46	7.21
MMC-18-04	263.69	264.05	S00354163	0.1	52	201	0.6	181	8.06
MMC-18-04	264.05	264.98	S00354164	0.1	40.1	88	1.1	74	7.54
MMC-18-04	270.82	271.25	S00354165	0.1	48.1	55	0.9	122	7.62

Hole number	From	To	Sample Number	Fe % GO_ICP90Q	K % GE_IMS90A	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A	Mn ppm GE_IMS90A
MMC-18-04	8.44	9.53	S00354078		3.7	13	7	0.29	50
MMC-18-04	29.46	30.16	S00354079		2.8	16.5	2.5	0.19	80
MMC-18-04	29.46	30.16	S00354080		2.7	14.5	2.5	0.2	60
MMC-18-04	178.36	179.4	S00354081		0.4	30.3	17	3.02	480
MMC-18-04	179.4	179.78	S00354082		0.3	36.7	16	2.88	480
MMC-18-04	179.78	180.83	S00354083		0.3	210	23	4.57	720
MMC-18-04	193.96	194	S00354084		0.3	29.7	15	3.83	750
MMC-18-04	194	194.52	S00354085		0.4	155	20	4.35	710
MMC-18-04	194.52	195.53	S00354086		0.3	108	18	4.52	640
MMC-18-04	195.53	196.59	S00354087		0.2	21.1	17	4.51	710
MMC-18-04	196.59	197.33	S00354088		0.2	19.1	13	3.5	680
MMC-18-04	197.33	198.35	S00354089		0.3	17.1	11	3.01	690
MMC-18-04			S00354090		0.05	1.3	2.5	2.85	130
MMC-18-04	198.35	199.36	S00354091		0.4	22.1	12	2.7	740
MMC-18-04	199.36	200.31	S00354092		0.7	20.2	11	2.74	870
MMC-18-04	200.31	200.97	S00354093		0.8	19.2	12	2.73	970
MMC-18-04	200.97	201.48	S00354094		0.6	13.8	12	2.96	960
MMC-18-04	201.48	202.23	S00354095		0.8	17.4	15	3.14	1100
MMC-18-04	202.23	202.98	S00354096		0.7	13.3	15	3.14	1050
MMC-18-04	202.98	203.44	S00354097		1	18	17	3.4	1160
MMC-18-04	203.44	204.43	S00354098		1.1	21.4	14	2.37	980
MMC-18-04	204.43	205.33	S00354099		1.5	19.7	16	2.48	870
MMC-18-04			S00354100		1.4	11.2	8	1.6	1060
MMC-18-04	205.33	205.96	S00354101		1.4	18.9	17	2.56	870
MMC-18-04	205.96	207.05	S00354102		1.4	21.2	16	2.6	890
MMC-18-04	207.05	208.22	S00354103		1.2	24	17	2.63	850
MMC-18-04	208.22	208.96	S00354104		1.4	24.9	17	2.53	820
MMC-18-04	208.96	209.94	S00354105		1.7	30.3	17	2.56	860
MMC-18-04	209.94	210.98	S00354106		1.5	19.2	19	3.01	950
MMC-18-04	210.98	211.5	S00354107		1.5	26	17	2.63	800
MMC-18-04	211.5	212.52	S00354108		1.6	22.7	21	2.81	870
MMC-18-04	212.52	213.35	S00354109		1.6	26.6	25	2.56	890
MMC-18-04			S00354110		1.4	12.2	8	1.63	1050
MMC-18-04	213.35	214.5	S00354111		1.5	21.8	18	2.62	900
MMC-18-04	214.5	215.52	S00354112		1.5	22.9	20	2.7	930
MMC-18-04	215.52	216.58	S00354113		1.5	22.1	19	2.67	890
MMC-18-04	216.58	217.54	S00354114		1.4	20.7	16	2.6	860
MMC-18-04	217.54	218.2	S00354115		1.2	22.7	16	2.81	940
MMC-18-04	218.4	219.38	S00354116		1.1	16.2	16	3.33	1040
MMC-18-04	219.38	220.43	S00354117		1.1	14	16	4.08	1060
MMC-18-04	220.43	221.43	S00354118		1	18.2	17	3.95	1120
MMC-18-04	222.43	222.57	S00354119		1.2	17	16	3.85	1110
MMC-18-04			S00354120		0.2	3.6	27	15.6	1400
MMC-18-04	222.57	223.69	S00354121		0.9	16.8	19	4.02	1060
MMC-18-04	223.69	224.71	S00354122		0.8	16.5	22	3.84	1010



Hole number	From	To	Sample Number	Fe % GO_ICP90Q	K % GE_IMS90A	La ppm GE_IMS90A	Li ppm GE_IMS90A	Mg % GE_IMS90A	Mn ppm GE_IMS90A
MMC-18-04	224.71	225.78	S00354123		0.6	15.4	18	3.94	1190
MMC-18-04	225.78	226.83	S00354124		1	16.7	19	4.03	1150
MMC-18-04	226.83	227.73	S00354125		0.9	16.6	18	3.61	1050
MMC-18-04	227.73	228.93	S00354126		0.8	19.5	19	3.26	990
MMC-18-04	228.93	229.95	S00354127		1	21.6	19	3.17	1010
MMC-18-04	229.95	230.86	S00354128		1.1	23	21	2.94	1110
MMC-18-04	230.86	231.89	S00354129		1.4	21.5	23	3.49	1370
MMC-18-04	230.86	231.89	S00354130		1.4	20.2	23	3.35	1350
MMC-18-04	231.89	232.9	S00354131		1.1	22.8	18	2.57	1130
MMC-18-04	232.9	233.3	S00354132		1.1	15.8	19	3.26	1250
MMC-18-04	233.3	233.63	S00354133	26	0.7	12.3	14	2.41	940
MMC-18-04	233.63	234.42	S00354134		1.4	18.7	20	3.5	1340
MMC-18-04	234.42	235.21	S00354135		1.2	17	19	4.01	1400
MMC-18-04	235.21	236.22	S00354136		1.1	16.5	19	4.51	1430
MMC-18-04	236.22	236.82	S00354137		0.7	18.9	18	3.77	1220
MMC-18-04	236.82	237.88	S00354138		0.8	18.3	19	4.74	1360
MMC-18-04	237.88	238.94	S00354139		0.8	17	18	4.8	1370
MMC-18-04			S00354140		0.05	1.4	2.5	3.05	140
MMC-18-04	238.94	240.08	S00354141		0.7	13.6	16	4.64	1230
MMC-18-04	240.08	241.25	S00354142		0.7	13.7	16	4.32	1140
MMC-18-04	241.25	242.3	S00354143		0.8	16.4	16	4.08	1080
MMC-18-04	242.3	243.3	S00354144		0.8	17.5	14	3.99	1060
MMC-18-04	243.3	244.43	S00354145		0.8	16.7	16	3.98	1100
MMC-18-04	244.43	245.42	S00354146		0.5	14.7	14	4.05	1220
MMC-18-04	245.42	246.48	S00354147		0.5	13.6	12	4.3	1240
MMC-18-04	246.48	247.5	S00354148		0.6	11.5	13	4.16	1170
MMC-18-04	247.5	248.45	S00354149		0.8	12.5	13	4.16	1160
MMC-18-04			S00354150		0.3	8	10	4.08	1100
MMC-18-04	248.45	249.36	S00354151		0.7	10.5	13	4.26	1250
MMC-18-04	249.36	250.34	S00354152		0.7	11.6	11	4.15	1210
MMC-18-04	250.34	251.36	S00354153		0.5	12.3	9	3.97	1230
MMC-18-04	251.36	252.4	S00354154		0.6	13.1	8	4.23	1220
MMC-18-04	257.14	258.18	S00354155		0.5	10.8	10	4.69	1190
MMC-18-04	258.18	258.97	S00354156		0.7	8.4	13	4.4	1110
MMC-18-04	258.97	259.9	S00354157		0.5	8.3	14	6.17	1340
MMC-18-04	259.9	260.82	S00354158		0.8	8.3	14	4.76	1130
MMC-18-04	260.82	262.12	S00354159		0.6	10.9	11	4.27	1160
MMC-18-04			S00354160		1.2	13.7	9	1.66	1030
MMC-18-04	262.12	262.92	S00354161		0.7	10.6	13	4.68	1200
MMC-18-04	262.92	263.69	S00354162		0.5	12.2	16	4.19	1070
MMC-18-04	263.69	264.05	S00354163		0.2	21.3	23	4.17	950
MMC-18-04	264.05	264.98	S00354164		0.5	13.5	12	4.09	1150
MMC-18-04	270.82	271.25	S00354165		0.6	10.9	9	4.29	1280

Hole number	From	To	Sample Number	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status
MMC-18-04	8.44	9.53	S00354078	2	30	0.02	6	0.5	Imported
MMC-18-04	29.46	30.16	S00354079	2	16	0.01	8	0.5	Imported
MMC-18-04	29.46	30.16	S00354080	1	16	0.01	8	0.5	Imported
MMC-18-04	178.36	179.4	S00354081	3	191	0.03	8	5	Imported
MMC-18-04	179.4	179.78	S00354082	4	621	0.02	13	6	Imported
MMC-18-04	179.78	180.83	S00354083	3	336	0.02	8	16	Imported
MMC-18-04	193.96	194	S00354084	1	214	0.05	25	3	Imported
MMC-18-04	194	194.52	S00354085	8	640	0.04	25	79	Imported
MMC-18-04	194.52	195.53	S00354086	42	4110	0.04	39	254	Imported
MMC-18-04	195.53	196.59	S00354087	27	2150	0.04	21	284	Imported
MMC-18-04	196.59	197.33	S00354088	20	2360	0.03	20	153	Imported
MMC-18-04	197.33	198.35	S00354089	60	6970	0.03	23	251	Imported
MMC-18-04			S00354090	1	20	0.005	1	0.5	Passed
MMC-18-04	198.35	199.36	S00354091	30	3470	0.05	24	152	Imported
MMC-18-04	199.36	200.31	S00354092	36	2860	0.04	19	147	Imported
MMC-18-04	200.31	200.97	S00354093	15	1530	0.04	16	129	Imported
MMC-18-04	200.97	201.48	S00354094	31	5080	0.03	17	500	Imported
MMC-18-04	201.48	202.23	S00354095	21	3910	0.03	10	253	Imported
MMC-18-04	202.23	202.98	S00354096	50	7270	0.03	9	349	Imported
MMC-18-04	202.98	203.44	S00354097	5	939	0.03	8	118	Imported
MMC-18-04	203.44	204.43	S00354098	3	1460	0.04	13	248	Imported
MMC-18-04	204.43	205.33	S00354099	3	1780	0.04	13	275	Imported
MMC-18-04			S00354100	5	16	0.05	8	1	Passed
MMC-18-04	205.33	205.96	S00354101	1	194	0.04	12	30	Imported
MMC-18-04	205.96	207.05	S00354102	1	39	0.04	11	0.5	Imported
MMC-18-04	207.05	208.22	S00354103	1	41	0.04	11	0.5	Imported
MMC-18-04	208.22	208.96	S00354104	2	520	0.03	11	76	Imported
MMC-18-04	208.96	209.94	S00354105	1	291	0.05	10	45	Imported
MMC-18-04	209.94	210.98	S00354106	1	69	0.03	10	0.5	Imported
MMC-18-04	210.98	211.5	S00354107	1	39	0.05	10	0.5	Imported
MMC-18-04	211.5	212.52	S00354108	1	97	0.04	11	2	Imported
MMC-18-04	212.52	213.35	S00354109	1	98	0.05	10	2	Imported
MMC-18-04			S00354110	5	21	0.05	7	1	Passed
MMC-18-04	213.35	214.5	S00354111	1	566	0.04	10	76	Imported
MMC-18-04	214.5	215.52	S00354112	1	125	0.04	10	7	Imported
MMC-18-04	215.52	216.58	S00354113	1	68	0.04	10	0.5	Imported
MMC-18-04	216.58	217.54	S00354114	1	96	0.03	12	3	Imported
MMC-18-04	217.54	218.2	S00354115	1	380	0.04	9	63	Imported
MMC-18-04	218.4	219.38	S00354116	3	334	0.03	8	56	Imported
MMC-18-04	219.38	220.43	S00354117	1	272	0.02	8	37	Imported
MMC-18-04	220.43	221.43	S00354118	1	133	0.02	8	25	Imported
MMC-18-04	222.43	222.57	S00354119	1	137	0.03	8	9	Imported
MMC-18-04			S00354120	1	4040	0.03	5	580	Passed
MMC-18-04	222.57	223.69	S00354121	1	118	0.02	7	39	Imported
MMC-18-04	223.69	224.71	S00354122	1	116	0.03	6	36	Imported

Hole number	From	To	Sample Number	Mo ppm GE_IMS90A	Ni ppm GE_IMS90A	P % GE_IMS90A	Pb ppm GE_IMS90A	Pd PPB GE_FAI313	Pd PPB GE_FAI313 status
MMC-18-04	224.71	225.78	S00354123	1	132	0.02	7	45	Imported
MMC-18-04	225.78	226.83	S00354124	1	96	0.03	7	33	Imported
MMC-18-04	226.83	227.73	S00354125	1	75	0.03	7	23	Imported
MMC-18-04	227.73	228.93	S00354126	3	245	0.03	7	12	Imported
MMC-18-04	228.93	229.95	S00354127	2	192	0.03	8	7	Imported
MMC-18-04	229.95	230.86	S00354128	1	70	0.04	8	3	Imported
MMC-18-04	230.86	231.89	S00354129	1	85	0.04	7	6	Imported
MMC-18-04	230.86	231.89	S00354130	1	82	0.03	13	6	Imported
MMC-18-04	231.89	232.9	S00354131	1	139	0.04	8	5	Imported
MMC-18-04	232.9	233.3	S00354132	2	1580	0.03	6	47	Imported
MMC-18-04	233.3	233.63	S00354133	67	10700	0.02	6	206	Imported
MMC-18-04	233.63	234.42	S00354134	13	181	0.03	6	15	Imported
MMC-18-04	234.42	235.21	S00354135	7	2370	0.03	6	316	Imported
MMC-18-04	235.21	236.22	S00354136	10	1740	0.03	4	178	Imported
MMC-18-04	236.22	236.82	S00354137	1	529	0.03	6	19	Imported
MMC-18-04	236.82	237.88	S00354138	1	167	0.03	5	5	Imported
MMC-18-04	237.88	238.94	S00354139	1	340	0.03	6	29	Imported
MMC-18-04			S00354140	1	12	0.005	14	0.5	Passed
MMC-18-04	238.94	240.08	S00354141	1	208	0.02	6	68	Imported
MMC-18-04	240.08	241.25	S00354142	1	169	0.03	7	52	Imported
MMC-18-04	241.25	242.3	S00354143	1	135	0.03	8	38	Imported
MMC-18-04	242.3	243.3	S00354144	1	392	0.07	7	65	Imported
MMC-18-04	243.3	244.43	S00354145	1	113	0.04	7	44	Imported
MMC-18-04	244.43	245.42	S00354146	1	100	0.02	7	30	Imported
MMC-18-04	245.42	246.48	S00354147	1	136	0.02	7	64	Imported
MMC-18-04	246.48	247.5	S00354148	1	250	0.02	8	39	Imported
MMC-18-04	247.5	248.45	S00354149	1	104	0.02	7	58	Imported
MMC-18-04			S00354150	9	46000	0.04	14	3590	Passed
MMC-18-04	248.45	249.36	S00354151	1	91	0.02	7	14	Imported
MMC-18-04	249.36	250.34	S00354152	1	88	0.02	8	11	Imported
MMC-18-04	250.34	251.36	S00354153	1	90	0.02	11	13	Imported
MMC-18-04	251.36	252.4	S00354154	1	84	0.02	9	16	Imported
MMC-18-04	257.14	258.18	S00354155	1	102	0.02	8	12	Imported
MMC-18-04	258.18	258.97	S00354156	1	102	0.02	8	19	Imported
MMC-18-04	258.97	259.9	S00354157	1	155	0.02	6	12	Imported
MMC-18-04	259.9	260.82	S00354158	1	170	0.02	8	37	Imported
MMC-18-04	260.82	262.12	S00354159	2	103	0.03	8	50	Imported
MMC-18-04			S00354160	6	16	0.06	7	1	Passed
MMC-18-04	262.12	262.92	S00354161	1	100	0.03	6	21	Imported
MMC-18-04	262.92	263.69	S00354162	1	80	0.02	7	14	Imported
MMC-18-04	263.69	264.05	S00354163	1	130	0.005	7	45	Imported
MMC-18-04	264.05	264.98	S00354164	1	84	0.02	7	14	Imported
MMC-18-04	270.82	271.25	S00354165	1	107	0.03	7	7	Imported

Hole number	From	To	Sample Number	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A
MMC-18-04	8.44	9.53	S00354078	SD180102	5	Imported	SD180102	0.5
MMC-18-04	29.46	30.16	S00354079	SD180102	5	Imported	SD180102	0.5
MMC-18-04	29.46	30.16	S00354080	SD180102	5	Imported	SD180102	0.5
MMC-18-04	178.36	179.4	S00354081	SD180102	5	Imported	SD180102	0.5
MMC-18-04	179.4	179.78	S00354082	SD180102	5	Imported	SD180102	0.5
MMC-18-04	179.78	180.83	S00354083	SD180102	10	Imported	SD180102	0.5
MMC-18-04	193.96	194	S00354084	SD180102	5	Imported	SD180102	0.5
MMC-18-04	194	194.52	S00354085	SD180102	50	Imported	SD180102	0.5
MMC-18-04	194.52	195.53	S00354086	SD180102	210	Imported	SD180102	2.12
MMC-18-04	195.53	196.59	S00354087	SD180102	170	Imported	SD180102	1.25
MMC-18-04	196.59	197.33	S00354088	SD180102	160	Imported	SD180102	2
MMC-18-04	197.33	198.35	S00354089	SD180102	380	Imported	SD180102	5.64
MMC-18-04			S00354090	SD180102	5	Passed	SD180102	0.5
MMC-18-04	198.35	199.36	S00354091	SD180102	220	Imported	SD180102	2.9
MMC-18-04	199.36	200.31	S00354092	SD180102	130	Imported	SD180102	2.62
MMC-18-04	200.31	200.97	S00354093	SD180102	110	Imported	SD180102	1.4
MMC-18-04	200.97	201.48	S00354094	SD180102	310	Imported	SD180102	5.68
MMC-18-04	201.48	202.23	S00354095	SD180102	250	Imported	SD180102	2.96
MMC-18-04	202.23	202.98	S00354096	SD180102	520	Imported	SD180102	6.03
MMC-18-04	202.98	203.44	S00354097	SD180102	160	Imported	SD180102	0.5
MMC-18-04	203.44	204.43	S00354098	SD180102	300	Imported	SD180102	0.5
MMC-18-04	204.43	205.33	S00354099	SD180102	180	Imported	SD180102	1.19
MMC-18-04			S00354100	SD180102	5	Passed	SD180102	0.5
MMC-18-04	205.33	205.96	S00354101	SD180102	30	Imported	SD180102	0.5
MMC-18-04	205.96	207.05	S00354102	SD180102	5	Imported	SD180102	0.5
MMC-18-04	207.05	208.22	S00354103	SD180102	5	Imported	SD180102	0.5
MMC-18-04	208.22	208.96	S00354104	SD180102	100	Imported	SD180102	0.5
MMC-18-04	208.96	209.94	S00354105	SD180102	60	Imported	SD180102	0.5
MMC-18-04	209.94	210.98	S00354106	SD180102	5	Imported	SD180102	0.5
MMC-18-04	210.98	211.5	S00354107	SD180102	5	Imported	SD180102	0.5
MMC-18-04	211.5	212.52	S00354108	SD180102	5	Imported	SD180102	0.5
MMC-18-04	212.52	213.35	S00354109	SD180102	5	Imported	SD180102	0.5
MMC-18-04			S00354110	SD180102	5	Passed	SD180102	0.5
MMC-18-04	213.35	214.5	S00354111	SD180102	80	Imported	SD180102	0.5
MMC-18-04	214.5	215.52	S00354112	SD180102	5	Imported	SD180102	0.5
MMC-18-04	215.52	216.58	S00354113	SD180102	5	Imported	SD180102	0.5
MMC-18-04	216.58	217.54	S00354114	SD180102	5	Imported	SD180102	0.5
MMC-18-04	217.54	218.2	S00354115	SD180102	70	Imported	SD180102	0.5
MMC-18-04	218.4	219.38	S00354116	SD180102	50	Imported	SD180102	0.5
MMC-18-04	219.38	220.43	S00354117	SD180102	20	Imported	SD180102	0.5
MMC-18-04	220.43	221.43	S00354118	SD180102	20	Imported	SD180102	0.5
MMC-18-04	222.43	222.57	S00354119	SD180102	5	Imported	SD180102	0.5
MMC-18-04			S00354120	SD180102	440	Passed	SD180102	1.51
MMC-18-04	222.57	223.69	S00354121	SD180103	20	Imported	SD180103	0.5
MMC-18-04	223.69	224.71	S00354122	SD180103	20	Imported	SD180103	0.5

Hole number	From	To	Sample Number	Pd PPB GE_FAI313 certificate	Pt PPB GE_FAI313	Pt PPB GE_FAI313 status	Pt PPB GE_FAI313 certificate	S % GE_IMS90A
MMC-18-04	224.71	225.78	S00354123	SD180103	20	Imported	SD180103	0.5
MMC-18-04	225.78	226.83	S00354124	SD180103	10	Imported	SD180103	0.5
MMC-18-04	226.83	227.73	S00354125	SD180103	20	Imported	SD180103	0.5
MMC-18-04	227.73	228.93	S00354126	SD180103	10	Imported	SD180103	0.5
MMC-18-04	228.93	229.95	S00354127	SD180103	5	Imported	SD180103	0.5
MMC-18-04	229.95	230.86	S00354128	SD180103	5	Imported	SD180103	0.5
MMC-18-04	230.86	231.89	S00354129	SD180103	5	Imported	SD180103	0.5
MMC-18-04	230.86	231.89	S00354130	SD180103	5	Imported	SD180103	0.5
MMC-18-04	231.89	232.9	S00354131	SD180103	5	Imported	SD180103	0.5
MMC-18-04	232.9	233.3	S00354132	SD180103	70	Imported	SD180103	1.69
MMC-18-04	233.3	233.63	S00354133	SD180103	220	Imported	SD180103	12.74
MMC-18-04	233.63	234.42	S00354134	SD180103	20	Imported	SD180103	0.5
MMC-18-04	234.42	235.21	S00354135	SD180103	330	Imported	SD180103	1.44
MMC-18-04	235.21	236.22	S00354136	SD180103	180	Imported	SD180103	1.64
MMC-18-04	236.22	236.82	S00354137	SD180103	5	Imported	SD180103	0.5
MMC-18-04	236.82	237.88	S00354138	SD180103	5	Imported	SD180103	0.5
MMC-18-04	237.88	238.94	S00354139	SD180103	50	Imported	SD180103	0.5
MMC-18-04			S00354140	SD180103	5	Passed	SD180103	0.5
MMC-18-04	238.94	240.08	S00354141	SD180103	30	Imported	SD180103	0.5
MMC-18-04	240.08	241.25	S00354142	SD180103	20	Imported	SD180103	0.5
MMC-18-04	241.25	242.3	S00354143	SD180103	20	Imported	SD180103	0.5
MMC-18-04	242.3	243.3	S00354144	SD180103	50	Imported	SD180103	0.5
MMC-18-04	243.3	244.43	S00354145	SD180103	30	Imported	SD180103	0.5
MMC-18-04	244.43	245.42	S00354146	SD180103	30	Imported	SD180103	0.5
MMC-18-04	245.42	246.48	S00354147	SD180103	110	Imported	SD180103	0.5
MMC-18-04	246.48	247.5	S00354148	SD180103	110	Imported	SD180103	0.5
MMC-18-04	247.5	248.45	S00354149	SD180103	50	Imported	SD180103	0.5
MMC-18-04			S00354150	SD180103	840	Passed	SD180103	9.14
MMC-18-04	248.45	249.36	S00354151	SD180103	5	Imported	SD180103	0.5
MMC-18-04	249.36	250.34	S00354152	SD180103	5	Imported	SD180103	0.5
MMC-18-04	250.34	251.36	S00354153	SD180103	10	Imported	SD180103	0.5
MMC-18-04	251.36	252.4	S00354154	SD180103	5	Imported	SD180103	0.5
MMC-18-04	257.14	258.18	S00354155	SD180103	5	Imported	SD180103	0.5
MMC-18-04	258.18	258.97	S00354156	SD180103	10	Imported	SD180103	0.5
MMC-18-04	258.97	259.9	S00354157	SD180103	10	Imported	SD180103	0.5
MMC-18-04	259.9	260.82	S00354158	SD180103	50	Imported	SD180103	0.5
MMC-18-04	260.82	262.12	S00354159	SD180103	40	Imported	SD180103	0.5
MMC-18-04			S00354160	SD180103	5	Passed	SD180103	0.5
MMC-18-04	262.12	262.92	S00354161	SD180103	20	Imported	SD180103	0.5
MMC-18-04	262.92	263.69	S00354162	SD180103	10	Imported	SD180103	0.5
MMC-18-04	263.69	264.05	S00354163	SD180103	20	Imported	SD180103	0.5
MMC-18-04	264.05	264.98	S00354164	SD180103	10	Imported	SD180103	0.5
MMC-18-04	270.82	271.25	S00354165	SD180103	5	Imported	SD180103	0.5

Hole number	From	To	Sample Number	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A
MMC-18-04	8.44	9.53	S00354078	0.5	33.9	0.5	20	0.5	0.13
MMC-18-04	29.46	30.16	S00354079	0.5	40	0.5	30	0.5	0.04
MMC-18-04	29.46	30.16	S00354080	0.5	38.9	0.5	30	0.5	0.04
MMC-18-04	178.36	179.4	S00354081	0.5	28.3	0.5	60	0.5	0.41
MMC-18-04	179.4	179.78	S00354082	0.5	26.8	0.5	40	0.5	0.33
MMC-18-04	179.78	180.83	S00354083	0.5	22.2	0.5	40	0.5	0.4
MMC-18-04	193.96	194	S00354084	0.5	22.6	2	80	0.5	1.01
MMC-18-04	194	194.52	S00354085	0.5	21.5	0.5	90	1	1.14
MMC-18-04	194.52	195.53	S00354086	0.5	21.3	0.5	60	10	0.43
MMC-18-04	195.53	196.59	S00354087	0.5	23.5	0.5	60	2	0.42
MMC-18-04	196.59	197.33	S00354088	0.5	22.4	0.5	90	2	0.42
MMC-18-04	197.33	198.35	S00354089	0.5	21	0.5	100	5	0.45
MMC-18-04			S00354090	0.5	3.4	0.5	60	0.5	0.005
MMC-18-04	198.35	199.36	S00354091	0.5	22.8	0.5	130	3	0.58
MMC-18-04	199.36	200.31	S00354092	0.5	23.7	0.5	150	4	0.63
MMC-18-04	200.31	200.97	S00354093	0.5	24.4	0.5	180	2	0.55
MMC-18-04	200.97	201.48	S00354094	0.5	21	0.5	140	6	0.39
MMC-18-04	201.48	202.23	S00354095	0.5	22.4	0.5	160	4	0.5
MMC-18-04	202.23	202.98	S00354096	0.5	20.4	0.5	140	6	0.38
MMC-18-04	202.98	203.44	S00354097	0.5	25.1	0.5	130	1	0.65
MMC-18-04	203.44	204.43	S00354098	0.5	23.2	0.5	210	4	0.75
MMC-18-04	204.43	205.33	S00354099	0.5	24.9	1	210	4	0.45
MMC-18-04			S00354100	0.5	27.1	0.5	500	0.5	0.29
MMC-18-04	205.33	205.96	S00354101	0.5	25	1	230	0.5	0.46
MMC-18-04	205.96	207.05	S00354102	0.5	25.5	1	190	0.5	0.46
MMC-18-04	207.05	208.22	S00354103	0.5	24.7	1	200	0.5	0.43
MMC-18-04	208.22	208.96	S00354104	0.5	23.4	1	190	1	0.43
MMC-18-04	208.96	209.94	S00354105	0.5	25.2	2	190	0.5	0.43
MMC-18-04	209.94	210.98	S00354106	0.5	24.3	1	190	0.5	0.47
MMC-18-04	210.98	211.5	S00354107	0.5	26.4	1	180	0.5	0.37
MMC-18-04	211.5	212.52	S00354108	0.5	25	1	200	0.5	0.43
MMC-18-04	212.52	213.35	S00354109	0.5	26.1	2	180	0.5	0.58
MMC-18-04			S00354110	0.5	27.2	1	500	0.5	0.28
MMC-18-04	213.35	214.5	S00354111	0.5	25	1	180	1	0.52
MMC-18-04	214.5	215.52	S00354112	0.5	26.2	1	200	0.5	0.5
MMC-18-04	215.52	216.58	S00354113	0.5	24.5	0.5	170	0.5	0.42
MMC-18-04	216.58	217.54	S00354114	0.5	24.9	1	200	0.5	0.36
MMC-18-04	217.54	218.2	S00354115	0.5	24.9	0.5	180	0.5	0.38
MMC-18-04	218.4	219.38	S00354116	0.5	22.9	0.5	170	0.5	0.51
MMC-18-04	219.38	220.43	S00354117	0.5	23.4	0.5	150	0.5	0.34
MMC-18-04	220.43	221.43	S00354118	0.5	23.5	0.5	140	0.5	0.38
MMC-18-04	222.43	222.57	S00354119	0.5	23.5	0.5	140	0.5	0.37
MMC-18-04			S00354120	4	16.9	0.5	20	1	0.3
MMC-18-04	222.57	223.69	S00354121	0.5	24.2	0.5	140	0.5	0.3
MMC-18-04	223.69	224.71	S00354122	0.5	24	0.5	140	0.5	0.31

Hole number	From	To	Sample Number	Sb ppm GE_IMS90A	Si % GE_IMS90A	Sn ppm GE_IMS90A	Sr ppm GE_IMS90A	Te ppm GE_IMS90A	Ti % GE_IMS90A
MMC-18-04	224.71	225.78	S00354123	0.5	23.4	0.5	150	0.5	0.42
MMC-18-04	225.78	226.83	S00354124	0.5	24.6	0.5	170	0.5	0.35
MMC-18-04	226.83	227.73	S00354125	0.5	24.2	0.5	170	0.5	0.36
MMC-18-04	227.73	228.93	S00354126	0.5	23.8	0.5	190	0.5	0.44
MMC-18-04	228.93	229.95	S00354127	0.5	24.5	0.5	180	0.5	0.46
MMC-18-04	229.95	230.86	S00354128	0.5	25.7	0.5	160	0.5	0.57
MMC-18-04	230.86	231.89	S00354129	0.5	25.4	0.5	130	0.5	0.59
MMC-18-04	230.86	231.89	S00354130	0.5	24.6	0.5	130	0.5	0.56
MMC-18-04	231.89	232.9	S00354131	0.5	24.8	0.5	200	0.5	0.58
MMC-18-04	232.9	233.3	S00354132	0.5	23.3	0.5	150	0.5	0.54
MMC-18-04	233.3	233.63	S00354133	0.5	15.9	0.5	80	5	0.39
MMC-18-04	233.63	234.42	S00354134	0.5	24	0.5	150	0.5	0.48
MMC-18-04	234.42	235.21	S00354135	0.5	22.7	0.5	100	4	0.44
MMC-18-04	235.21	236.22	S00354136	0.5	23.2	0.5	90	2	0.43
MMC-18-04	236.22	236.82	S00354137	0.5	24.7	0.5	150	0.5	0.4
MMC-18-04	236.82	237.88	S00354138	0.5	24.8	0.5	110	0.5	0.37
MMC-18-04	237.88	238.94	S00354139	0.5	23.7	0.5	120	0.5	0.37
MMC-18-04			S00354140	0.5	4.1	0.5	60	0.5	0.005
MMC-18-04	238.94	240.08	S00354141	0.5	23.1	0.5	150	0.5	0.26
MMC-18-04	240.08	241.25	S00354142	0.5	24.1	0.5	170	0.5	0.3
MMC-18-04	241.25	242.3	S00354143	0.5	24.2	0.5	170	0.5	0.28
MMC-18-04	242.3	243.3	S00354144	0.5	23.1	0.5	180	0.5	0.3
MMC-18-04	243.3	244.43	S00354145	0.5	24.1	0.5	170	0.5	0.25
MMC-18-04	244.43	245.42	S00354146	0.5	23.8	0.5	180	0.5	0.31
MMC-18-04	245.42	246.48	S00354147	0.5	23.7	0.5	170	0.5	0.3
MMC-18-04	246.48	247.5	S00354148	0.5	23.4	0.5	190	0.5	0.26
MMC-18-04	247.5	248.45	S00354149	0.5	23.3	0.5	190	0.5	0.32
MMC-18-04			S00354150	3	15.5	0.5	170	5	0.5
MMC-18-04	248.45	249.36	S00354151	0.5	22.9	0.5	190	0.5	0.34
MMC-18-04	249.36	250.34	S00354152	0.5	24	0.5	190	0.5	0.27
MMC-18-04	250.34	251.36	S00354153	0.5	24.2	0.5	200	0.5	0.29
MMC-18-04	251.36	252.4	S00354154	0.5	23.4	0.5	200	0.5	0.27
MMC-18-04	257.14	258.18	S00354155	0.5	23.9	0.5	200	0.5	0.26
MMC-18-04	258.18	258.97	S00354156	0.5	23.1	0.5	220	0.5	0.31
MMC-18-04	258.97	259.9	S00354157	0.5	22.7	0.5	160	0.5	0.27
MMC-18-04	259.9	260.82	S00354158	0.5	23.1	0.5	200	0.5	0.24
MMC-18-04	260.82	262.12	S00354159	0.5	23.6	0.5	210	0.5	0.35
MMC-18-04			S00354160	0.5	28.7	0.5	530	0.5	0.28
MMC-18-04	262.12	262.92	S00354161	0.5	23.5	0.5	180	0.5	0.32
MMC-18-04	262.92	263.69	S00354162	0.5	24.1	0.5	200	0.5	0.29
MMC-18-04	263.69	264.05	S00354163	0.5	25.3	0.5	150	0.5	0.19
MMC-18-04	264.05	264.98	S00354164	0.5	23.8	0.5	200	0.5	0.44
MMC-18-04	270.82	271.25	S00354165	0.5	23.7	0.5	200	0.5	0.4

Hole number	From	To	Sample Number	V ppm GE_ IMS90A	W ppm GE_ IMS90A	WtKg kg G_ WGH79	Y ppm GE_ IMS90A	Yb ppm GE_ IMS90A	Zn ppm GE_ IMS90A
MMC-18-04	8.44	9.53	S00354078	26	2.5	2.624	7	0.7	12
MMC-18-04	29.46	30.16	S00354079	7	2.5	1.475	4.4	0.4	2.5
MMC-18-04	29.46	30.16	S00354080	8	2.5	0.69	4.2	0.4	5
MMC-18-04	178.36	179.4	S00354081	179	2.5	2.333	18.5	2.1	70
MMC-18-04	179.4	179.78	S00354082	117	2.5	0.782	13.9	1.6	130
MMC-18-04	179.78	180.83	S00354083	298	2.5	2.375	22.2	1.9	107
MMC-18-04	193.96	194	S00354084	282	2.5	2.597	22	2.3	107
MMC-18-04	194	194.52	S00354085	332	2.5	1.238	25.4	2.4	106
MMC-18-04	194.52	195.53	S00354086	365	2.5	2.318	12.7	1.3	87
MMC-18-04	195.53	196.59	S00354087	373	2.5	2.569	16.1	1.7	78
MMC-18-04	196.59	197.33	S00354088	315	2.5	1.804	15.4	1.6	58
MMC-18-04	197.33	198.35	S00354089	297	2.5	2.747	14.3	1.4	58
MMC-18-04			S00354090	2.5	2.5	0.631	2.4	0.05	2.5
MMC-18-04	198.35	199.36	S00354091	271	2.5	2.639	19.2	1.9	67
MMC-18-04	199.36	200.31	S00354092	287	2.5	2.386	20.6	2.2	70
MMC-18-04	200.31	200.97	S00354093	281	2.5	1.745	19.1	2	77
MMC-18-04	200.97	201.48	S00354094	261	2.5	0.762	12.7	1.5	210
MMC-18-04	201.48	202.23	S00354095	275	2.5	2.519	14.1	1.5	92
MMC-18-04	202.23	202.98	S00354096	324	2.5	1.932	11.9	1.2	77
MMC-18-04	202.98	203.44	S00354097	323	2.5	1.092	17.8	2	108
MMC-18-04	203.44	204.43	S00354098	268	2.5	2.479	17.7	2	73
MMC-18-04	204.43	205.33	S00354099	234	2.5	2.245	17.3	1.6	75
MMC-18-04			S00354100	129	2.5	0.067	19.4	2.2	64
MMC-18-04	205.33	205.96	S00354101	232	2.5	1.927	16.2	1.6	63
MMC-18-04	205.96	207.05	S00354102	248	2.5	2.221	18.1	1.9	64
MMC-18-04	207.05	208.22	S00354103	261	2.5	2.953	18.6	1.9	62
MMC-18-04	208.22	208.96	S00354104	276	2.5	1.85	17.3	1.7	64
MMC-18-04	208.96	209.94	S00354105	250	14	2.392	22.3	2.4	62
MMC-18-04	209.94	210.98	S00354106	272	2.5	2.467	15.3	1.6	72
MMC-18-04	210.98	211.5	S00354107	224	2.5	1.321	19.5	1.9	64
MMC-18-04	211.5	212.52	S00354108	283	2.5	2.519	17.2	1.7	64
MMC-18-04	212.52	213.35	S00354109	225	2.5	1.978	22.4	2.3	72
MMC-18-04			S00354110	130	2.5	0.117	19.2	2.2	68
MMC-18-04	213.35	214.5	S00354111	241	2.5	2.758	17.6	2	72
MMC-18-04	214.5	215.52	S00354112	262	2.5	2.423	19	1.9	76
MMC-18-04	215.52	216.58	S00354113	242	2.5	2.606	17.3	1.7	64
MMC-18-04	216.58	217.54	S00354114	202	2.5	2.255	16.5	1.7	61
MMC-18-04	217.54	218.2	S00354115	220	2.5	2.047	19	1.9	63
MMC-18-04	218.4	219.38	S00354116	230	2.5	2.484	12.9	1.4	70
MMC-18-04	219.38	220.43	S00354117	200	2.5	2.591	12.9	1.3	74
MMC-18-04	220.43	221.43	S00354118	204	2.5	2.364	12.9	1.5	82
MMC-18-04	222.43	222.57	S00354119	204	2.5	2.849	13.8	1.4	81
MMC-18-04			S00354120	128	2.5	0.101	7.8	0.8	119
MMC-18-04	222.57	223.69	S00354121	224	2.5	2.86	11.7	1.4	97
MMC-18-04	223.69	224.71	S00354122	219	2.5	2.636	12.3	1.6	88



Hole number	From	To	Sample Number	V ppm GE_IMS90A	W ppm GE_IMS90A	WtKg kg G_WGH79	Y ppm GE_IMS90A	Yb ppm GE_IMS90A	Zn ppm GE_IMS90A
MMC-18-04	224.71	225.78	S00354123	283	2.5	2.177	14.1	1.9	90
MMC-18-04	225.78	226.83	S00354124	378	2.5	3.115	14.6	1.7	90
MMC-18-04	226.83	227.73	S00354125	435	2.5	2.314	14.4	1.9	78
MMC-18-04	227.73	228.93	S00354126	413	2.5	2.712	15	1.8	80
MMC-18-04	228.93	229.95	S00354127	305	2.5	2.872	16	1.8	83
MMC-18-04	229.95	230.86	S00354128	221	2.5	1.753	17	2	96
MMC-18-04	230.86	231.89	S00354129	239	2.5	1.141	18.2	2.1	111
MMC-18-04	230.86	231.89	S00354130	234	2.5	0.927	17.6	2.1	110
MMC-18-04	231.89	232.9	S00354131	207	2.5	2.612	18.5	2.1	95
MMC-18-04	232.9	233.3	S00354132	243	2.5	1.03	13.2	1.6	104
MMC-18-04	233.3	233.63	S00354133	226	2.5	0.975	10.7	1.3	59
MMC-18-04	233.63	234.42	S00354134	242	2.5	2.067	16.3	2	105
MMC-18-04	234.42	235.21	S00354135	268	2.5	2.127	14.8	1.7	128
MMC-18-04	235.21	236.22	S00354136	312	2.5	2.667	15.4	1.8	116
MMC-18-04	236.22	236.82	S00354137	185	5	1.481	15	1.6	87
MMC-18-04	236.82	237.88	S00354138	210	2.5	2.855	13.4	1.5	94
MMC-18-04	237.88	238.94	S00354139	216	2.5	2.619	12	1.4	92
MMC-18-04			S00354140	2.5	2.5	0.942	2.5	0.1	2.5
MMC-18-04	238.94	240.08	S00354141	196	2.5	2.868	9.7	1.2	84
MMC-18-04	240.08	241.25	S00354142	183	2.5	2.964	9.8	1.1	76
MMC-18-04	241.25	242.3	S00354143	154	2.5	2.638	11	1.3	73
MMC-18-04	242.3	243.3	S00354144	147	2.5	2.612	12.5	1.3	86
MMC-18-04	243.3	244.43	S00354145	145	2.5	2.749	10.6	1.1	76
MMC-18-04	244.43	245.42	S00354146	189	15	2.437	11.4	1.3	79
MMC-18-04	245.42	246.48	S00354147	209	2.5	2.685	13	1.5	77
MMC-18-04	246.48	247.5	S00354148	189	2.5	2.575	9.7	1.1	80
MMC-18-04	247.5	248.45	S00354149	214	2.5	2.495	11.7	1.3	70
MMC-18-04			S00354150	80	2.5	0.11	8.6	1	157
MMC-18-04	248.45	249.36	S00354151	228	2.5	2.291	11	1.3	73
MMC-18-04	249.36	250.34	S00354152	220	2.5	2.802	11.5	1.4	71
MMC-18-04	250.34	251.36	S00354153	236	2.5	1.233	11.9	1.3	69
MMC-18-04	251.36	252.4	S00354154	247	2.5	1.319	15.3	1.6	68
MMC-18-04	257.14	258.18	S00354155	243	2.5	5.187	11.3	1.3	65
MMC-18-04	258.18	258.97	S00354156	190	2.5	1.977	6.9	0.9	66
MMC-18-04	258.97	259.9	S00354157	237	2.5	2.332	8.1	0.9	86
MMC-18-04	259.9	260.82	S00354158	197	2.5	2.279	8.2	1	72
MMC-18-04	260.82	262.12	S00354159	228	2.5	3.282	11.2	1.3	72
MMC-18-04			S00354160	134	2.5	0.138	19.3	2.5	63
MMC-18-04	262.12	262.92	S00354161	212	2.5	1.968	10.1	1.2	77
MMC-18-04	262.92	263.69	S00354162	189	2.5	1.852	8.3	1.1	76
MMC-18-04	263.69	264.05	S00354163	216	2.5	0.84	11.7	1.5	89
MMC-18-04	264.05	264.98	S00354164	254	2.5	2.368	12.8	1.5	80
MMC-18-04	270.82	271.25	S00354165	256	2.5	1.08	14.1	1.7	86

Hole number	From	To	Sample Number	parent sample number
MMC-18-04	8.44	9.53	S00354078	
MMC-18-04	29.46	30.16	S00354079	
MMC-18-04	29.46	30.16	S00354080	S00354079
MMC-18-04	178.36	179.4	S00354081	
MMC-18-04	179.4	179.78	S00354082	
MMC-18-04	179.78	180.83	S00354083	
MMC-18-04	193.96	194	S00354084	
MMC-18-04	194	194.52	S00354085	
MMC-18-04	194.52	195.53	S00354086	
MMC-18-04	195.53	196.59	S00354087	
MMC-18-04	196.59	197.33	S00354088	
MMC-18-04	197.33	198.35	S00354089	
MMC-18-04			S00354090	
MMC-18-04	198.35	199.36	S00354091	
MMC-18-04	199.36	200.31	S00354092	
MMC-18-04	200.31	200.97	S00354093	
MMC-18-04	200.97	201.48	S00354094	
MMC-18-04	201.48	202.23	S00354095	
MMC-18-04	202.23	202.98	S00354096	
MMC-18-04	202.98	203.44	S00354097	
MMC-18-04	203.44	204.43	S00354098	
MMC-18-04	204.43	205.33	S00354099	
MMC-18-04			S00354100	
MMC-18-04	205.33	205.96	S00354101	
MMC-18-04	205.96	207.05	S00354102	
MMC-18-04	207.05	208.22	S00354103	
MMC-18-04	208.22	208.96	S00354104	
MMC-18-04	208.96	209.94	S00354105	
MMC-18-04	209.94	210.98	S00354106	
MMC-18-04	210.98	211.5	S00354107	
MMC-18-04	211.5	212.52	S00354108	
MMC-18-04	212.52	213.35	S00354109	
MMC-18-04			S00354110	
MMC-18-04	213.35	214.5	S00354111	
MMC-18-04	214.5	215.52	S00354112	
MMC-18-04	215.52	216.58	S00354113	
MMC-18-04	216.58	217.54	S00354114	
MMC-18-04	217.54	218.2	S00354115	
MMC-18-04	218.4	219.38	S00354116	
MMC-18-04	219.38	220.43	S00354117	
MMC-18-04	220.43	221.43	S00354118	
MMC-18-04	222.43	222.57	S00354119	
MMC-18-04			S00354120	
MMC-18-04	222.57	223.69	S00354121	
MMC-18-04	223.69	224.71	S00354122	

Hole number	From	To	Sample Number	parent sample number
MMC-18-04	224.71	225.78	S00354123	
MMC-18-04	225.78	226.83	S00354124	
MMC-18-04	226.83	227.73	S00354125	
MMC-18-04	227.73	228.93	S00354126	
MMC-18-04	228.93	229.95	S00354127	
MMC-18-04	229.95	230.86	S00354128	
MMC-18-04	230.86	231.89	S00354129	
MMC-18-04	230.86	231.89	S00354130	S00354129
MMC-18-04	231.89	232.9	S00354131	
MMC-18-04	232.9	233.3	S00354132	
MMC-18-04	233.3	233.63	S00354133	
MMC-18-04	233.63	234.42	S00354134	
MMC-18-04	234.42	235.21	S00354135	
MMC-18-04	235.21	236.22	S00354136	
MMC-18-04	236.22	236.82	S00354137	
MMC-18-04	236.82	237.88	S00354138	
MMC-18-04	237.88	238.94	S00354139	
MMC-18-04			S00354140	
MMC-18-04	238.94	240.08	S00354141	
MMC-18-04	240.08	241.25	S00354142	
MMC-18-04	241.25	242.3	S00354143	
MMC-18-04	242.3	243.3	S00354144	
MMC-18-04	243.3	244.43	S00354145	
MMC-18-04	244.43	245.42	S00354146	
MMC-18-04	245.42	246.48	S00354147	
MMC-18-04	246.48	247.5	S00354148	
MMC-18-04	247.5	248.45	S00354149	
MMC-18-04			S00354150	
MMC-18-04	248.45	249.36	S00354151	
MMC-18-04	249.36	250.34	S00354152	
MMC-18-04	250.34	251.36	S00354153	
MMC-18-04	251.36	252.4	S00354154	
MMC-18-04	257.14	258.18	S00354155	
MMC-18-04	258.18	258.97	S00354156	
MMC-18-04	258.97	259.9	S00354157	
MMC-18-04	259.9	260.82	S00354158	
MMC-18-04	260.82	262.12	S00354159	
MMC-18-04			S00354160	
MMC-18-04	262.12	262.92	S00354161	
MMC-18-04	262.92	263.69	S00354162	
MMC-18-04	263.69	264.05	S00354163	
MMC-18-04	264.05	264.98	S00354164	
MMC-18-04	270.82	271.25	S00354165	

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-05	DD	NQ	Phil	EM plate between pits	282	225	282.01

Hole number	Core Photos	coordinates.Type
MMC-18-05	<p>MMC-18-05_Header_Core Photos_BX_66-66_276.54-282.00m_MMC-18-05_Dry_EOH.JPG   MMC-18-05_Header_Core Photos_BX_45-48_189.09-206.31m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_49-52_206.31-224.00m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_9-12_34.57-52.18m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_45-48_189.09-206.31m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_9-12_34.57-52.18m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_13-16_52.18-69.55m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_37-40_155.46-172.68m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_57-60_241.49-259.05m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_33-36_138.17-155.46m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_5-8_17.49-34.57_m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_25-28_104.12-121.23m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_5-8_17.49-34.57_m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_53-56_224.00-241.49m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_37-40_155.46-172.68m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_61-64_259.05-276.54m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_66-66_276.54-282.00m_MMC-18-05_Wet_EOH.JPG   MMC-18-05_Header_Core Photos_BX_13-16_52.18-69.55m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_41-44_172.68-189.09m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_29-32_121.23-138.17m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_25-28_104.12-121.23m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_33-36_138.17-155.46m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_1-4_0.00-17.49_m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_61-64_259.05-276.54m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_49-52_206.31-224.00m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_21-24_86.80-104.12m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_17-20_69.55-86.80m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_1-4_0.00-17.49_m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_41-44_172.68-189.09m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_21-24_86.80-104.12m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_17-20_69.55-86.80m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_53-56_224.00-241.49m_MMC-18-05_Wet.JPG   MMC-18-05_Header_Core Photos_BX_29-32_121.23-138.17m_MMC-18-05_Dry.JPG   MMC-18-05_Header_Core Photos_BX_57-60_241.49-259.05m_MMC-18-05_Wet.JPG</p>	Planned

Hole number	coordinates.Grid	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting
MMC-18-05	NAD83 / UTM zone 17N	NAD83 / UTM zone 17N	5133598	5133598	436167	436167

Hole number	coordinates.Elevation	Purpose	Casing	Core location	Claim number	Logging started	Logging completed	Comments	Drilling started	Drilling completed
MMC-18-05	358	Exp	Mt	Coreshed	PAT-42279	2018-11-05	2018-11-08		2018-11-05	2018-11-07

Hole number	Drilling contractor
MMC-18-05	J & S



Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-05	0	2.04	Metasediments	1A
MMC-18-05	2.04	110.69	Metasediments	1A
MMC-18-05	110.69	111.6	Metasediments	1C
MMC-18-05	111.6	117.93	Metasediments	1B
MMC-18-05	117.93	126.13	Metasediments	1C
MMC-18-05	126.13	128.04	Metasediments	1B
MMC-18-05	128.04	129.76	Metasediments	1C
MMC-18-05	129.76	152.72	Metasediments	1B
MMC-18-05	152.72	154.14	Metasediments	1C
MMC-18-05	154.14	169.25	Metasediments	1B
MMC-18-05	169.25	170.23	Structure	SHR
MMC-18-05	170.23	173.72	Metasediments	1A
MMC-18-05	173.72	180.83	Metasediments	1B
MMC-18-05	180.83	188.31	Metasediments	1A
MMC-18-05	188.31	240.72	Lower Unit	3A

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-05	240.72	249.59	Upper Unit	4B
MMC-18-05	249.59	256.6	Upper Unit	4F
MMC-18-05	256.6	259.62	Lower Unit	3A
MMC-18-05	259.62	266.6	Breccia	Magmatic breccia
MMC-18-05	266.6	267.18	Structure	SHR
MMC-18-05	267.18	282	Lower Unit	3A
MMC-18-05	282	282.01	End of hole	End of hole

Hole ID	From (m)	To (m)	Description (original)
MMC-18-05	0	2.04	Casing went straight into bedrock
MMC-18-05	2.04	110.69	mg-cg quartzite sandstone; inclined bedding; some fining upwards successions going from coarse-grained sand to fine-grained mudstone; quartz grains ~70-80%; mud matrix ~20-30%; minor pink carbonate+quartz veins with Py crosscut metasediments; Py along fractures are also abundant.  mg-cg quartzite sandstone, dark gray, inclined bedding and normal grading present, quartz grains are subrounded to subangular, generally 10-30% mud matrix, some decimeter interbeds of dark gray slst and silicified beige feldspathic quartzite, weak foliation present in slst beds.
MMC-18-05	110.69	111.6	cg feldspathic quartzite, beige-white, dark laminae of slst (heavy mineral beds?), inclined and crossbedding present, appears silicified (recrystallized?),
MMC-18-05	111.6	117.93	fg slst, gray, rounded-equant quartz and feldspar grains ~1 mm uncommon, mostly silty-muddy matrix, foliation is more apparent in finer grained sedimentary rocks.
MMC-18-05	117.93	126.13	cg feldspathic quartzite, beige-white, dark laminae of slst (heavy mineral beds?), inclined and crossbedding present, appears silicified (recrystallized?), minor (<5%) green mafic minerals in silicified portions (porphyroblasts?); Py along fractures very common
MMC-18-05	126.13	128.04	same as other siltstone units; transitional contact with quartzite beds
MMC-18-05	128.04	129.76	cg silicified feldspathic quartzite, pinkish colour, 70% fine-grained recrystallized (silicified) quartz, ~30% coarse plagioclase and kspars grains up to 5 mm in size, abundant fractures filled with Py, pinkish colour just secondary alteration?
MMC-18-05	129.76	152.72	fg slst, gray, rounded-equant quartz and feldspar grains ~1 mm uncommon (<5%), mostly silty-muddy matrix, some decimetre beds(30-60 cm) of beige-white feldspathic quartzite, inclined bedding, foliation is more apparent in finer grained silty-muddy sections. Gradational lower contact.
MMC-18-05	152.72	154.14	Coarse grained, white to pinkish feldspathic quartzite. Strongly silicified with ~35% coarse feldspar grains. Multiple fractures parallel to core axis with <1cm scale offsetting. Gradational lower contact.
MMC-18-05	154.14	169.25	Fine grained, dark grey to whiteish siltstone. Up to 1mm quartz/feldspar grains. Bedding on 0.5-30cm scale, defined by varied silt-feldspar content. Weak local foliation evident with mineral alignment. Few whitish silicified feldspathic quartzite sections ~35cm each observed. Gradational to sharp lower contact marked by increasing shear.
MMC-18-05	169.25	170.23	Strong shear zone within siltstone host. Very weak m-type deformation observed along chlorite band. Sharp inferred lower contact at core break.
MMC-18-05	170.23	173.72	Grey, medium grained equigranular 0.5mm quartzite. Little to no bedding observed. Weak foliation observed, defined by mineral alignment. Sharp lower contact at core break.
MMC-18-05	173.72	180.83	Fine grained to nearly muddy, dark grey, siltstone. Single 25cm quartzite section observed, sharp contacts. 13cm barren quartz vein observed near upper contact. Thin cm scale muddy laminae. Bedding and foliation appear sub-parallel. Two fault gouge sections observed. Sharp well defined lower contact.
MMC-18-05	180.83	188.31	Grey, fine to medium grained quartzite. Thin laminae on 1-10cm scale of silty to muddy composition. Possible silt clast observed near upper contact, ~1x3cm with dissolution/leached boundary. Weak foliation most apparent at 185-186m defined by mineral alignment. Sharp lower contact with ~10cm of weak shear and fracture controlled chlorite-clay alteration.
MMC-18-05	188.31	240.72	Dark green grey, fine-medium grained with gradational shift to coarse grained by 201m, massive Nipissing gabbro. Moderately foliated up to ~206m defined by mineral and weak mineralization alignment. Few potential rock fragments at ~203m, weakly corroded boundaries, rounded, elongate with foliation, and 1x1cm up to 5x10cm with very similar composition to host rock (possibly just fracture+alteration giving clast appearance?). Trace ~0.5-5cm quartz +/- carbonate veinlets observed sub-parallel to foliation. ~50% dark green anhedral amphibole, ~40% often subhedral feldspar up to 2mm in coarse section, ~%, 5-10% black up to ~1mm biotite flecks, and <5% rounded quartz grains (locally blue at ~197.5m and 203m). Amphibole upwards of 65% in medium grained sections and often acicular better defining foliation. Upper contact consists of abundant hairline fracturing and infilling chlorite with fluid-brecciated texture up to 190.30m. Gradational ~1m lower contact marked by lessening feldspar content.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-05	240.72	249.59	Dark grey/green to black, fine grained mainly equigranular, massive melanogabbro. Weak to moderate foliation defined by mineral alignment and accentuated by weakly elongate likely chloritized amphibole grains/biotite and mineralization. Mineralization appears near perpendicular to core axis locally, but closer observation shows much shallower foliation defined by underlying mineralogy. ~75% fine grained mafic grains locally prismatic to acicular up to ~1mm, 20% anhedral to locally blocky fine grained feldspar ~1mm, and 5% black biotite flecks <1mm. Few <2cm feldspar cumulates appear at ~243.50m. Trace-1% ~0.5cm quartz-carbonate veinlets throughout with single 14cm vein. 3-5% blebby pyrrhotite+chalcopyrite with 80% pyrrhotite dominance. Mineralization appears spatially associated with feldspar cumulates. Gradational transition into fragmental melagabbro with first appearance of clear clast.
MMC-18-05	249.59	256.6	Dark grey/green to black melagabbro as above. Increasingly medium grained and chlorite altered with depth. Trace rounded, whiteish, likely feldspar cumulates or entrained proximal Nipissing gabbroic fragments ~2x1cm up to 255m. ~5% past 255m to lower contact with composition similar to proximal Nipissing gabbro, often irregularly shaped with subrounded corners and corroded boundaries, ~1-10cm scale, and increased interstitial chlorite alteration. 5-10% blebby to net-textured pyrrhotite+chalcopyrite in 1:1 ratio to 75% chalcopyrite dominance. Mineralization still associated with feldspar cumulates/fragments. Gradational transition into Nipissing Gabbro marked by increasing grain size and feldspar content over ~2m with lack of fragments.
MMC-18-05	256.6	259.62	Dark green grey, coarse grained, massive Nipissing gabbro. ~55% dark green anhedral to locally prismatic amphibole ~1-3mm long, ~40% often subhedral feldspar up to 5mm, <5% black <1mm biotite flecks. Disseminated to locally blebby ~1% pyrrhotite+chalcopyrite with 60% pyrrhotite dominance. Transitional lower contact marked by decreased grain size and deformation + gabbroic to metasedimentary rock fragments.
MMC-18-05	259.62	266.6	Rhemorphic? (magmatic) breccia hosted in coarse grained Nipissing gabbro. Protolith massive to assimilated texture between leuco-mesocratic with varying feldspar content. Melanocratic mafic segments display chlorite +- biotite alteration. Moderate to strong foliation waning throughout - strongest nearing lower contact with shear zone, defined by mineral and metasedimentary enclave elongation/alignment. ~20% enclaves of recrystallized quartzite with weak purple alteration +- disseminated amphibole (hornfel?), observed beyond ~261.90m. Enclaves are ~15-45cm with irregular morphology elongated to overall foliation. Strong foliation over 0.5m approaching contact with shear zone.
MMC-18-05	266.6	267.18	Strongly foliated and sheared Nipissing gabbro. Sigmoidal feldspathic cumulate observed elongated parallel to foliation, ~3x8cm. Second amorphous feldspar cumulate observed, ~4x5cm. Gradational lower contact over 20cm.
MMC-18-05	267.18	282	Dark green grey, fine grained to coarse by 269m, massive Nipissing gabbro as above. Trace disseminated pyrrhotite with minor chalcopyrite. Single ~5cm barren quartz vein observed. EOH at 282m.
MMC-18-05	282	282.01	EOH at 282m

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB	Pt_PPB	Pd_PPB
MMC-18-05	145.15	145.53	0.38	S00354166	Original	Shear zone with trace pyrte	0.723	0.5	5	0.5
MMC-18-05	169.22	170.23	1.01	S00354167	Original		1.955	0.5	5	1
MMC-18-05	173.93	174.23	0.3	S00354168	Original	Quartz vein with py>>po along boundaries	0.61	0.5	5	1
MMC-18-05	180.38	180.83	0.45	S00354169	Original	trace disseminated py>po>>ccp	0.6	0.5	5	3
MMC-18-05	186.92	187.22	0.3	S00354171	Original	fracture controleld and quartz veinlet py>>po	0.767	0.5	5	0.5
MMC-18-05	190.63	191.05	0.42	S00354172	Original	Quartz-carbonate veinlet hosted po	0.992	0.5	5	1
MMC-18-05	195.18	195.48	0.3	S00354173	Original	Quartz-carbonate hosted trace po>>ccp	0.624	0.5	5	1
MMC-18-05	203.56	203.86	0.3	S00354174	Original	Quartz-carbonate patch host trace po	0.736	0.5	5	2
MMC-18-05	205.18	206	0.82	S00354175	Original	Trace disseminated po>>ccp up to 0.5%	1.899	0.5	5	3
MMC-18-05	212.47	212.78	0.31	S00354176	Original	Trace diss po	0.729	0.5	5	3
MMC-18-05	214.55	214.85	0.3	S00354177	Original	Trace diss po	0.934	0.5	5	1
MMC-18-05	220	220.88	0.88	S00354178	Original	Trace diss po + py	1.209	0.5	5	1
MMC-18-05	223.63	223.93	0.3	S00354179	Original	diss trace po>>ccp	0.301	0.5	5	5
MMC-18-05	224.53	225.5	0.97	S00354181	Original	Trace diss po. Shoulder sample - start of continuous section.	2.319	0.5	5	3
MMC-18-05	225.5	226.5	1	S00354182	Original	0.5% diss po>>>ccp	2.109	0.5	5	3
MMC-18-05	226.5	227.62	1.12	S00354183	Original	<0.01% diss po	3.059	0.5	5	3
MMC-18-05	227.62	228.25	0.63	S00354184	Original	Trace-0.25% diss po	1.503	0.5	5	3
MMC-18-05	228.25	229.47	1.22	S00354185	Original	0.01% diss po	2.87	0.5	5	4
MMC-18-05	229.47	229.86	0.39	S00354186	Original	Trace diss po	0.904	0.5	5	4
MMC-18-05	229.86	230.5	0.64	S00354187	Original	Trace-0.5% diss po>>>ccp	1.516	0.5	5	4
MMC-18-05	230.5	231.14	0.64	S00354188	Original	Trace diss po	1.243	0.5	5	3
MMC-18-05	231.14	232.5	1.36	S00354189	Original	Up to trace diss po	3.418	0.5	5	2
MMC-18-05	232.5	232.81	0.31	S00354191	Original	6cm qtz-carb vein with 1% diss proximal po and boundary po+py	0.725	0.5	5	0.5
MMC-18-05	232.81	234.31	1.5	S00354192	Original	Up to trace diss po	3.726	0.5	5	2
MMC-18-05	234.31	234.81	0.5	S00354193	Original	Trace diss po	1.205	0.5	5	1
MMC-18-05	234.81	235.79	0.98	S00354194	Original	1% diss po>>>ccp	2.283	0.5	5	3
MMC-18-05	235.79	236.8	1.01	S00354195	Original	0.5% diss po>>ccp	2.293	3	5	7
MMC-18-05	236.8	237.81	1.01	S00354196	Original	0.5% diss po>ccp	2.444	5	5	6
MMC-18-05	237.81	238.55	0.74	S00354197	Original	0.5% diss po>>ccp	1.765	0.5	5	6
MMC-18-05	238.55	239.57	1.02	S00354198	Original	1-2% diss po>>ccp	2.369	11	20	24
MMC-18-05	239.57	239.97	0.4	S00354199	Original	2% diss po>ccp	0.991	13	30	25
MMC-18-05	239.97	240.62	0.65	S00354201	Original	diss po>>cp	1.549	6	10	15
MMC-18-05	240.62	241.62	1	S00354202	Original	2% diss po>cp	2.373	69	160	172
MMC-18-05	241.62	242.38	0.76	S00354203	Original	3% diss to blebby po>>cp	1.844	74	230	195
MMC-18-05	242.38	243.56	1.18	S00354204	Original	0.5% dis po>cp	3.05	22	30	32
MMC-18-05	243.56	244.64	1.08	S00354205	Original	3-5% diss to blebby pocp (increased cp)	1.776	90	220	359
MMC-18-05	244.64	244.95	0.31	S00354207	Original	3% diss to blebby po>>cp	1.304	31	210	151
MMC-18-05	244.95	245.45	0.5	S00354208	Original	0.5% dis po	1.097	5	40	38
MMC-18-05	245.45	245.75	0.3	S00354209	Original	qtz-carb vn with trace popy	0.59	4	30	27
MMC-18-05	245.75	246.81	1.06	S00354211	Original	1% diss po>>cp	2.476	9	120	89
MMC-18-05	246.81	247.81	1	S00354212	Original	0.5% diss po>cp up to 1%	2.271	6	50	53
MMC-18-05	247.81	248.76	0.95	S00354213	Original	0.5% diss po	0.968	8	60	56
MMC-18-05	248.76	249.23	0.47	S00354214	Original	1-2% pocp	0.932	12	90	83
MMC-18-05	249.23	249.58	0.35	S00354215	Original	3-5% blebby po>cp	1.982	43	340	261
MMC-18-05	249.58	250.14	0.56	S00354217	Original	1% pocp	1.294	33	170	186

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb
MMC-18-05	250.14	250.46	0.32	S00354218	Original	3% po>cp	0.819	42	290	258
MMC-18-05	250.46	251.03	0.57	S00354219	Original	1-2% diss to blebby po>cp	1.328	44	190	180
MMC-18-05	251.03	251.46	0.43	S00354221	Original	5% blebby cp>po	1.038	55	310	246
MMC-18-05	251.46	251.78	0.32	S00354222	Original	0.5% diss po=cp	0.825	138	300	347
MMC-18-05	251.78	252.11	0.33	S00354223	Original	10% blebby to net-textured cp>po	0.772	74	280	214
MMC-18-05	252.11	253.12	1.01	S00354224	Original	8% blebby po>cp	2.623	68	670	326
MMC-18-05	253.12	254.12	1	S00354226	Original	4% blebby po>cp	2.461	216	240	305
MMC-18-05	254.12	255.19	1.07	S00354227	Original	4% blebby po>>cp	2.646	159	310	201
MMC-18-05	255.19	256.19	1	S00354228	Original	5% blebby po>>cp with fragmental melagabbro	2.481	172	180	218
MMC-18-05	256.19	256.6	0.41	S00354229	Original	8-10% blebby to net-textured po=cp	0.57	318	230	552
MMC-18-05	256.6	256.98	0.38	S00354232	Original	3% local blebs po>cp	0.922	104	140	180
MMC-18-05	256.98	257.6	0.62	S00354233	Original	diss po>cp, end of zone	1.487	86	170	128
MMC-18-05	257.6	258.57	0.97	S00354234	Original	0.5% diss po=cp	2.374	42	80	55
MMC-18-05	258.57	259.62	1.05	S00354235	Original	trace to 0.5% diss po>>cp	2.526	18	20	27
MMC-18-05	259.62	260.65	1.03	S00354236	Original	start of magmatic breccia with trace sulfides	2.519	1	20	7
MMC-18-05	260.65	261.76	1.11	S00354237	Original	accretion texture magmatic breccia trace po diss	2.625	0.5	5	4
MMC-18-05	261.76	262.17	0.41	S00354238	Original	quartzite enclave, trace po on boundaries	0.968	0.5	5	1
MMC-18-05	262.17	263	0.83	S00354239	Original	massive gabbro	1.933	0.5	5	2
MMC-18-05	263	263.72	0.72	S00354241	Original	30cm mtsd trace to 0.5% diss poi	1.701	5	20	24
MMC-18-05	263.72	264.02	0.3	S00354242	Original	1-2% blebby po>>cp in gabbro	0.663	4	30	28
MMC-18-05	264.02	265.08	1.06	S00354243	Original	90% mtsd fracture controlled popy up to 0.5%	2.336	0.5	5	1
MMC-18-05	265.08	265.88	0.8	S00354244	Original	meso-leuco section of gabbro trace diss po	1.947	0.5	5	3
MMC-18-05	265.88	266.6	0.72	S00354245	Original	foliated gabbro approaching shr zone	1.734	0.5	10	8
MMC-18-05	266.6	267.19	0.59	S00354246	Original	shearzone	1.77	1	10	11
MMC-18-05	267.19	268.19	1	S00354247	Original	trace diss po shoulder	2.089	0.5	5	6
MMC-18-05	273.66	274.09	0.43	S00354248	Original	locally trace to 0.5% po>>cp	1.047	8	20	37

Hole number	From	To	LENGTH	Sample Number	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM
MMC-18-05	145.15	145.53	0.38	S00354166	0.5	7.85	3	630	2	0.2	0.05	0.1	12.3	134	3.3	34
MMC-18-05	169.22	170.23	1.01	S00354167	0.5	7.55	7	470	2	0.3	0.2	0.1	17.4	136	8.1	29
MMC-18-05	173.93	174.23	0.3	S00354168	0.5	6.04	10	290	2	0.2	0.2	0.1	9.9	130	4.3	15
MMC-18-05	180.38	180.83	0.45	S00354169	0.5	12.5	16	750	4	0.4	0.2	0.1	28.2	174	5.2	63
MMC-18-05	186.92	187.22	0.3	S00354171	0.5	7.57	1.5	340	1	0.4	0.2	0.4	12.9	104	3.8	56
MMC-18-05	190.63	191.05	0.42	S00354172	0.5	8.29	3	410	2	0.2	0.3	0.1	13.5	123	2.6	26
MMC-18-05	195.18	195.48	0.3	S00354173	0.5	7.72	1.5	340	2	0.2	0.3	0.1	13.9	107	2.3	145
MMC-18-05	203.56	203.86	0.3	S00354174	0.5	8.53	6	310	2	0.2	1.6	0.1	27.8	128	3.4	99
MMC-18-05	205.18	206	0.82	S00354175	0.5	9.04	10	500	2	0.1	1.5	0.1	32.6	153	3.9	74
MMC-18-05	212.47	212.78	0.31	S00354176	0.5	7.46	1.5	330	2	0.2	7.3	0.1	32.6	112	3.7	143
MMC-18-05	214.55	214.85	0.3	S00354177	0.5	8.18	1.5	270	1	0.2	3.9	0.1	32	90	4.7	63
MMC-18-05	220	220.88	0.88	S00354178	0.5	8.8	1.5	370	2	0.2	3.9	0.1	37.3	115	4.6	73
MMC-18-05	223.63	223.93	0.3	S00354179	0.5	8.29	1.5	290	2	0.2	4.4	0.6	37	189	4.7	119
MMC-18-05	224.53	225.5	0.97	S00354181	0.5	8.32	1.5	320	1	0.2	4.2	0.1	38.1	178	5.4	92
MMC-18-05	225.5	226.5	1	S00354182	0.5	8.15	1.5	330	1	0.2	4.3	0.1	40.1	139	5.1	100
MMC-18-05	226.5	227.62	1.12	S00354183	0.5	7.52	4	280	1	0.2	4.5	0.1	41.3	124	4.3	113
MMC-18-05	227.62	228.25	0.63	S00354184	0.5	7.32	1.5	290	1	0.2	4.1	0.1	43	120	4.9	105
MMC-18-05	228.25	229.47	1.22	S00354185	0.5	7.38	5	330	1	0.2	4.2	0.1	45.4	109	5.3	120
MMC-18-05	229.47	229.86	0.39	S00354186	0.5	8.22	1.5	350	2	0.1	4.1	0.2	38.6	122	5.6	95
MMC-18-05	229.86	230.5	0.64	S00354187	0.5	8.1	1.5	350	2	0.1	4.6	0.1	40.5	105	5.1	129
MMC-18-05	230.5	231.14	0.64	S00354188	0.5	7.52	1.5	330	2	0.2	4.4	0.1	40.5	102	5.1	118
MMC-18-05	231.14	232.5	1.36	S00354189	0.5	7.7	1.5	300	1	0.1	4.5	0.1	35.7	59	5.2	85
MMC-18-05	232.5	232.81	0.31	S00354191	0.5	6.21	1.5	240	1	0.1	3.3	0.1	34.1	68	2.2	223
MMC-18-05	232.81	234.31	1.5	S00354192	0.5	7.68	1.5	340	1	0.2	4.1	0.1	36.7	71	5.5	92
MMC-18-05	234.31	234.81	0.5	S00354193	0.5	7.8	1.5	340	1	0.1	4.4	0.1	37.5	100	5.4	81
MMC-18-05	234.81	235.79	0.98	S00354194	0.5	7.68	1.5	320	2	0.2	4.4	0.1	39.6	95	4.4	112
MMC-18-05	235.79	236.8	1.01	S00354195	0.5	8.33	1.5	340	1	0.2	4.1	0.1	42.4	128	5.4	117
MMC-18-05	236.8	237.81	1.01	S00354196	0.5	7.85	3	320	1	0.2	4	0.1	45.6	117	6.2	149
MMC-18-05	237.81	238.55	0.74	S00354197	0.5	8.24	4	350	1	0.2	4.6	0.1	40.3	118	7.2	98
MMC-18-05	238.55	239.57	1.02	S00354198	0.5	8.33	15	310	1	0.4	4	0.1	62.6	220	5	228
MMC-18-05	239.57	239.97	0.4	S00354199	0.5	8.15	1.5	270	1	0.4	3.8	0.1	64.2	266	3.5	264
MMC-18-05	239.97	240.62	0.65	S00354201	0.5	8.41	4	290	1	0.3	4.3	0.1	55.6	208	5	151
MMC-18-05	240.62	241.62	1	S00354202	0.5	7.53	59	330	1	2.4	3.6	0.1	202	493	2.9	1100
MMC-18-05	241.62	242.38	0.76	S00354203	0.5	7.51	72	290	1	2.5	3.4	0.1	256	538	2.5	1200
MMC-18-05	242.38	243.56	1.18	S00354204	0.5	7.99	33	240	1	0.3	4.4	0.1	85.1	255	1.7	925
MMC-18-05	243.56	244.64	1.08	S00354205	1	7.68	231	330	1	2.1	3.4	0.1	354	632	1.1	2140
MMC-18-05	244.64	244.95	0.31	S00354207	0.5	8.45	95	430	1	1.1	3.2	0.1	196	499	1	1070
MMC-18-05	244.95	245.45	0.5	S00354208	0.5	8.48	42	470	1	0.4	3.5	0.1	69.3	608	1.2	236
MMC-18-05	245.45	245.75	0.3	S00354209	0.5	3.68	45	190	0.5	0.2	4.2	0.1	43.3	265	0.4	112
MMC-18-05	245.75	246.81	1.06	S00354211	0.5	8.07	39	490	1	1.1	3.2	0.1	120	572	1	628
MMC-18-05	246.81	247.81	1	S00354212	0.5	8.21	7	350	1	0.5	3.5	0.1	87.7	545	1.1	411
MMC-18-05	247.81	248.76	0.95	S00354213	0.5	8	4	260	1	0.5	3.6	0.1	89.7	522	1	463
MMC-18-05	248.76	249.23	0.47	S00354214	0.5	8.31	6	280	1	0.7	3.6	0.1	117	540	1	649
MMC-18-05	249.23	249.58	0.35	S00354215	0.5	7.29	30	170	1	3.3	4.1	0.3	347	470	0.8	2390
MMC-18-05	249.58	250.14	0.56	S00354217	0.5	8.2	49	260	1	2.2	3.9	0.1	205	528	1.7	1810

Hole number	From	To	LENGTH	Sample Number	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM
MMC-18-05	250.14	250.46	0.32	S00354218	0.5	7.68	61	230	1	3.5	3.6	0.3	299	525	1.6	2630
MMC-18-05	250.46	251.03	0.57	S00354219	0.5	7.98	36	260	1	2.2	3.2	0.1	179	509	1.6	1420
MMC-18-05	251.03	251.46	0.43	S00354221	2	8	42	250	1	3.7	3.6	0.4	261	532	1.5	6010
MMC-18-05	251.46	251.78	0.32	S00354222	5	6.76	91	170	0.5	7.4	2.8	0.7	420	563	1.3	17700
MMC-18-05	251.78	252.11	0.33	S00354223	0.5	8.28	82	270	1	3.1	3.6	0.1	223	586	1.9	1740
MMC-18-05	252.11	253.12	1.01	S00354224	2	6.51	84	200	1	6.3	3.6	0.2	454	528	2.5	3510
MMC-18-05	253.12	254.12	1	S00354226	0.5	6.84	82	210	1	5.9	3.8	0.1	236	455	3.7	2060
MMC-18-05	254.12	255.19	1.07	S00354227	0.5	6.76	75	190	1	7.3	4	0.3	198	364	4.4	2250
MMC-18-05	255.19	256.19	1	S00354228	1	6.98	83	230	1	8.3	4.1	0.3	217	321	5.6	2350
MMC-18-05	256.19	256.6	0.41	S00354229	5	5.66	108	120	0.5	23.9	3.6	1.2	521	183	2.4	13000
MMC-18-05	256.6	256.98	0.38	S00354232	0.5	7.65	45	210	1	6.2	4.6	0.1	129	165	4.7	906
MMC-18-05	256.98	257.6	0.62	S00354233	0.5	7.94	30	110	1	4.7	4.7	0.1	87.8	160	2.1	532
MMC-18-05	257.6	258.57	0.97	S00354234	0.5	7.54	8	190	1	2.1	4.6	0.1	45.9	133	4	248
MMC-18-05	258.57	259.62	1.05	S00354235	0.5	8.43	13	310	1	1.1	4.7	0.1	47.1	86	5.8	345
MMC-18-05	259.62	260.65	1.03	S00354236	0.5	8.1	7	250	1	0.4	4.3	0.1	35.5	113	3.6	123
MMC-18-05	260.65	261.76	1.11	S00354237	0.5	8.4	4	280	1	0.2	3.8	0.1	36.7	100	5	79
MMC-18-05	261.76	262.17	0.41	S00354238	0.5	5.62	1.5	180	0.5	0.1	2.5	0.1	26.4	96	2.8	108
MMC-18-05	262.17	263	0.83	S00354239	0.5	7.44	1.5	250	0.5	0.2	3.9	0.1	37.2	168	4.6	48
MMC-18-05	263	263.72	0.72	S00354241	0.5	4.58	1.5	170	0.5	0.4	2.6	0.1	40.7	160	3.2	146
MMC-18-05	263.72	264.02	0.3	S00354242	0.5	4.83	1.5	230	0.5	0.3	3	0.1	73.3	272	5.1	289
MMC-18-05	264.02	265.08	1.06	S00354243	0.5	2.74	1.5	50	0.5	0.05	0.8	0.1	19.6	117	0.7	131
MMC-18-05	265.08	265.88	0.8	S00354244	0.5	7.88	6	210	0.5	0.1	4.7	0.1	42.5	230	3.2	64
MMC-18-05	265.88	266.6	0.72	S00354245	0.5	6.78	10	190	0.5	0.1	4.3	0.1	59.7	267	4.1	114
MMC-18-05	266.6	267.19	0.59	S00354246	0.5	7.09	4	160	0.5	0.2	4.9	0.1	68.5	267	3.3	184
MMC-18-05	267.19	268.19	1	S00354247	0.5	7.67	7	180	0.5	0.1	5.7	0.1	59.1	154	3.3	118
MMC-18-05	273.66	274.09	0.43	S00354248	0.5	7.65	14	220	1	0.3	5.5	0.1	52.3	167	2.8	300



Hole number	From	To	LENGTH	Sample Number	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM
MMC-18-05	145.15	145.53	0.38	S00354166	3	4.3	28.3	26	1.2	80	1	34	0.04	16	0.5	0.5	31.3	1
MMC-18-05	169.22	170.23	1.01	S00354167	3.57	3.7	33.4	19	1.71	130	2	48	0.03	9	0.5	0.5	31.4	2
MMC-18-05	173.93	174.23	0.3	S00354168	2.84	2.3	34.9	15	1.16	170	3	39	0.03	6	0.5	0.5	34.5	1
MMC-18-05	180.38	180.83	0.45	S00354169	3.65	5.1	55.6	26	1.67	140	3	56	0.04	11	0.5	0.5	25	2
MMC-18-05	186.92	187.22	0.3	S00354171	3.87	2.2	23.6	18	1.96	170	1	39	0.04	40	0.5	0.5	31.1	1
MMC-18-05	190.63	191.05	0.42	S00354172	3.67	2.6	27.4	20	1.81	150	1	45	0.05	21	0.5	0.5	31.4	2
MMC-18-05	195.18	195.48	0.3	S00354173	3.24	1.9	21.6	16	1.44	150	1	31	0.04	10	0.5	0.5	31.8	2
MMC-18-05	203.56	203.86	0.3	S00354174	3.91	2.6	26.1	18	1.35	310	2	63	0.04	9	0.5	0.5	31.6	0.5
MMC-18-05	205.18	206	0.82	S00354175	5.28	2.7	26.8	22	1.89	480	2	69	0.03	9	0.5	0.5	27.4	0.5
MMC-18-05	212.47	212.78	0.31	S00354176	6.85	1.4	27.3	21	1.98	1010	1	47	0.04	10	0.5	0.5	22.4	1
MMC-18-05	214.55	214.85	0.3	S00354177	7.38	1.1	28.5	22	1.86	900	1	27	0.06	17	0.5	0.5	26	1
MMC-18-05	220	220.88	0.88	S00354178	7.58	1.6	26.1	23	2.53	980	1	37	0.05	9	0.5	0.5	25.6	1
MMC-18-05	223.63	223.93	0.3	S00354179	7.68	1.2	25.2	22	2.42	1030	2	81	0.06	10	0.5	0.5	25.6	1
MMC-18-05	224.53	225.5	0.97	S00354181	8.24	1.4	26	21	2.51	1130	1	73	0.05	10	0.5	0.5	25	2
MMC-18-05	225.5	226.5	1	S00354182	8.33	1.3	25.4	20	2.28	1180	1	75	0.05	9	0.5	0.5	25.8	2
MMC-18-05	226.5	227.62	1.12	S00354183	8.25	1.2	25.2	18	2.4	1240	1	61	0.05	8	0.5	0.5	25.3	2
MMC-18-05	227.62	228.25	0.63	S00354184	8.65	1.2	25.5	18	2.54	1260	1	61	0.05	7	0.5	0.5	26.1	2
MMC-18-05	228.25	229.47	1.22	S00354185	9.17	1.4	27.3	20	2.54	1360	1	66	0.06	7	0.5	0.5	26.2	2
MMC-18-05	229.47	229.86	0.39	S00354186	8.26	1.4	25.8	21	2.16	1160	1	75	0.06	13	0.5	0.5	25.8	2
MMC-18-05	229.86	230.5	0.64	S00354187	8.75	1.3	27.6	19	2.1	1220	1	71	0.07	9	0.5	0.5	26.2	2
MMC-18-05	230.5	231.14	0.64	S00354188	8.84	1.3	29.5	17	1.96	1210	1	52	0.06	8	0.5	0.5	26.3	2
MMC-18-05	231.14	232.5	1.36	S00354189	8.53	1.2	26	17	1.83	1190	1	29	0.06	8	0.5	0.5	26	2
MMC-18-05	232.5	232.81	0.31	S00354191	6.5	0.8	19.1	14	1.46	870	1	30	0.04	5	0.5	0.5	28.4	1
MMC-18-05	232.81	234.31	1.5	S00354192	8.37	1.3	26.4	19	1.91	1130	1	37	0.05	8	0.5	0.5	25.3	2
MMC-18-05	234.31	234.81	0.5	S00354193	8.78	1.3	26.5	17	2.01	1220	1	38	0.05	8	0.5	0.5	25.8	2
MMC-18-05	234.81	235.79	0.98	S00354194	8.35	1.3	26.7	20	2.02	1180	1	57	0.05	11	0.5	0.5	26.5	2
MMC-18-05	235.79	236.8	1.01	S00354195	8.42	1.4	25.4	23	2.24	1180	1	117	0.05	8	0.5	0.5	25.1	2
MMC-18-05	236.8	237.81	1.01	S00354196	8.26	1.4	27.3	20	2.29	1150	1	120	0.05	8	0.5	0.5	25.4	2
MMC-18-05	237.81	238.55	0.74	S00354197	8.28	1.5	27.3	22	2.24	1150	1	92	0.05	12	0.5	0.5	26.2	21
MMC-18-05	238.55	239.57	1.02	S00354198	8.37	1.3	26.3	20	2.72	1110	2	298	0.04	9	0.5	0.5	26.6	28
MMC-18-05	239.57	239.97	0.4	S00354199	8.38	1.1	25.4	21	3.05	1080	5	338	0.05	9	0.5	0.5	26.8	2
MMC-18-05	239.97	240.62	0.65	S00354201	8.85	1.3	23.9	21	3.22	1090	3	219	0.04	9	0.5	0.5	26	0.5
MMC-18-05	240.62	241.62	1	S00354202	10.4	1.1	24.9	19	2.98	860	26	2180	0.04	9	1.65	0.5	23	0.5
MMC-18-05	241.62	242.38	0.76	S00354203	12.1	1	21.4	20	3.06	910	33	3000	0.04	11	2.47	0.5	23.6	0.5
MMC-18-05	242.38	243.56	1.18	S00354204	8.23	0.9	21.5	22	3.58	990	3	380	0.03	9	0.5	0.5	23.3	0.5
MMC-18-05	243.56	244.64	1.08	S00354205	12.3	1	23.5	22	3.42	770	34	3930	0.03	18	4.08	0.5	21.9	0.5
MMC-18-05	244.64	244.95	0.31	S00354207	8.85	1.6	22.2	23	3.39	720	23	2120	0.03	15	1.52	0.5	22.7	0.5
MMC-18-05	244.95	245.45	0.5	S00354208	7.38	1.5	23.9	24	3.59	820	6	586	0.03	7	0.5	0.5	24.4	0.5
MMC-18-05	245.45	245.75	0.3	S00354209	3.94	0.5	8.7	10	1.53	610	5	355	0.01	4	0.5	0.5	31.9	0.5
MMC-18-05	245.75	246.81	1.06	S00354211	8.18	1.5	17.8	23	3.58	830	15	1070	0.03	19	0.5	0.5	23.1	0.5
MMC-18-05	246.81	247.81	1	S00354212	7.77	1.1	23.5	22	3.64	850	8	660	0.03	10	0.5	0.5	23.7	0.5
MMC-18-05	247.81	248.76	0.95	S00354213	7.93	0.9	23.7	21	3.7	860	11	690	0.03	9	0.5	0.5	24.9	0.5
MMC-18-05	248.76	249.23	0.47	S00354214	8.64	0.9	23.2	22	3.72	860	12	1010	0.03	9	0.5	0.5	24	0.5
MMC-18-05	249.23	249.58	0.35	S00354215	13	0.6	16.4	16	3.26	810	51	4740	0.02	10	4.62	0.5	20.9	0.5
MMC-18-05	249.58	250.14	0.56	S00354217	10.8	1	18.7	19	3.65	920	31	2490	0.03	8	1.88	0.5	23.6	0.5

Hole number	From	To	LENGTH	Sample Number	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM
MMC-18-05	250.14	250.46	0.32	S00354218	12.2	0.8	20.4	18	3.4	870	34	3690	0.03	9	3.77	0.5	22.4	0.5
MMC-18-05	250.46	251.03	0.57	S00354219	10.3	1	24.9	22	3.68	900	29	2130	0.03	9	1.53	0.5	23.5	0.5
MMC-18-05	251.03	251.46	0.43	S00354221	12.3	0.8	19.2	20	3.42	880	44	3370	0.03	8	2.54	0.5	22.8	0.5
MMC-18-05	251.46	251.78	0.32	S00354222	15.4	0.7	17.4	18	3.38	860	56	4300	0.03	9	5.92	0.5	20.1	0.5
MMC-18-05	251.78	252.11	0.33	S00354223	11.1	1	20.2	22	3.96	960	28	2490	0.03	7	1.79	0.5	24.3	0.5
MMC-18-05	252.11	253.12	1.01	S00354224	14.3	0.8	18	15	3.3	930	44	5230	0.04	8	5.55	0.5	21.7	0.5
MMC-18-05	253.12	254.12	1	S00354226	12.1	1	22.5	16	3.29	990	25	2990	0.05	7	2.37	0.5	24.5	0.5
MMC-18-05	254.12	255.19	1.07	S00354227	12	1	21.7	18	3.38	1060	19	2680	0.04	6	1.79	0.5	24.9	0.5
MMC-18-05	255.19	256.19	1	S00354228	12	1.2	21	18	3.08	1030	20	2780	0.04	6	1.94	0.5	23.4	0.5
MMC-18-05	256.19	256.6	0.41	S00354229	18.6	0.7	18	13	2.49	940	71	7250	0.04	6	7.49	0.5	20.1	0.5
MMC-18-05	256.6	256.98	0.38	S00354232	10.2	1.1	22.1	18	3.04	1090	4	1680	0.04	7	0.5	0.5	24.6	0.5
MMC-18-05	256.98	257.6	0.62	S00354233	10.1	0.5	21.7	17	3.19	1200	2	988	0.04	7	0.5	0.5	25.2	0.5
MMC-18-05	257.6	258.57	0.97	S00354234	8.98	1	19.7	18	3	1150	2	401	0.04	6	0.5	0.5	25.6	0.5
MMC-18-05	258.57	259.62	1.05	S00354235	9.04	1.5	17.9	20	2.64	1090	1	226	0.03	7	0.5	0.5	25.5	0.5
MMC-18-05	259.62	260.65	1.03	S00354236	7.57	1.1	20.4	20	2.59	1160	1	73	0.03	8	0.5	0.5	25.7	0.5
MMC-18-05	260.65	261.76	1.11	S00354237	7.22	1.3	20.1	19	2.35	900	1	52	0.03	7	0.5	0.5	25.9	0.5
MMC-18-05	261.76	262.17	0.41	S00354238	5.01	0.8	15.5	12	1.61	570	2	25	0.02	6	0.5	0.5	32.8	0.5
MMC-18-05	262.17	263	0.83	S00354239	7.69	1.2	16.4	19	3.01	880	1	55	0.03	6	0.5	0.5	27.9	0.5
MMC-18-05	263	263.72	0.72	S00354241	6.68	0.9	13.8	15	2.79	730	2	119	0.03	4	0.5	0.5	32.6	0.5
MMC-18-05	263.72	264.02	0.3	S00354242	11	1.3	16.1	24	4.68	1170	1	160	0.03	4	0.5	0.5	27.9	0.5
MMC-18-05	264.02	265.08	1.06	S00354243	2.75	0.2	15.2	6	0.9	250	3	32	0.02	3	0.5	0.5	40	0.5
MMC-18-05	265.08	265.88	0.8	S00354244	8.24	0.9	15.9	16	3.04	1140	2	65	0.03	6	0.5	0.5	26.4	0.5
MMC-18-05	265.88	266.6	0.72	S00354245	10.5	0.9	17.3	22	3.96	1510	1	94	0.04	4	0.5	0.5	25.9	0.5
MMC-18-05	266.6	267.19	0.59	S00354246	11.2	0.8	14.1	19	4.53	1490	1	117	0.04	5	0.5	0.5	24.5	0.5
MMC-18-05	267.19	268.19	1	S00354247	10.7	0.9	13.5	16	3.95	1510	1	103	0.04	5	0.5	0.5	24.1	0.5
MMC-18-05	273.66	274.09	0.43	S00354248	8.76	0.9	16.2	16	4.1	1290	1	140	0.04	5	0.5	0.5	25.3	0.5

Hole number	From	To	LENGTH	Sample Number	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%
MMC-18-05	145.15	145.53	0.38	S00354166	40	0.5	0.33	68	2.5	15.1	1.8	30		0.00123	0.0034	0.0034
MMC-18-05	169.22	170.23	1.01	S00354167	50	0.5	0.36	84	2.5	16.8	1.9	37		0.00174	0.0029	0.0048
MMC-18-05	173.93	174.23	0.3	S00354168	60	0.5	0.29	74	2.5	15.1	1.6	27		0.00099	0.0015	0.0039
MMC-18-05	180.38	180.83	0.45	S00354169	80	0.5	0.49	160	2.5	24.4	2.8	49		0.00282	0.0063	0.0056
MMC-18-05	186.92	187.22	0.3	S00354171	90	0.5	0.27	67	2.5	11.2	1.4	86		0.00129	0.0056	0.0039
MMC-18-05	190.63	191.05	0.42	S00354172	90	0.5	0.31	86	2.5	14.5	1.6	35		0.00135	0.0026	0.0045
MMC-18-05	195.18	195.48	0.3	S00354173	90	0.5	0.29	68	2.5	11.2	1.3	26		0.00139	0.0145	0.0031
MMC-18-05	203.56	203.86	0.3	S00354174	90	0.5	0.35	95	2.5	17	2.1	36		0.00278	0.0099	0.0063
MMC-18-05	205.18	206	0.82	S00354175	100	0.5	0.47	144	2.5	16.3	1.8	51		0.00326	0.0074	0.0069
MMC-18-05	212.47	212.78	0.31	S00354176	130	0.5	0.66	180	2.5	22.6	2.5	88		0.00326	0.0143	0.0047
MMC-18-05	214.55	214.85	0.3	S00354177	190	0.5	0.7	173	2.5	25.5	2.7	101		0.0032	0.0063	0.0027
MMC-18-05	220	220.88	0.88	S00354178	200	0.5	0.83	190	2.5	18.7	1.9	112		0.00373	0.0073	0.0037
MMC-18-05	223.63	223.93	0.3	S00354179	200	0.5	0.67	222	2.5	22.9	2.5	165		0.0037	0.0119	0.0081
MMC-18-05	224.53	225.5	0.97	S00354181	200	0.5	0.69	236	2.5	22.2	2.5	113		0.00381	0.0092	0.0073
MMC-18-05	225.5	226.5	1	S00354182	200	0.5	0.77	214	2.5	22.6	2.5	120		0.00401	0.01	0.0075
MMC-18-05	226.5	227.62	1.12	S00354183	180	0.5	0.87	262	2.5	23	2.4	114		0.00413	0.0113	0.0061
MMC-18-05	227.62	228.25	0.63	S00354184	150	0.5	0.9	251	2.5	23.5	2.5	121		0.0043	0.0105	0.0061
MMC-18-05	228.25	229.47	1.22	S00354185	150	0.5	0.91	234	2.5	24.7	2.6	132		0.00454	0.012	0.0066
MMC-18-05	229.47	229.86	0.39	S00354186	200	0.5	0.7	185	2.5	23.8	2.6	141		0.00386	0.0095	0.0075
MMC-18-05	229.86	230.5	0.64	S00354187	190	0.5	0.77	187	2.5	26.6	2.7	133		0.00405	0.0129	0.0071
MMC-18-05	230.5	231.14	0.64	S00354188	180	0.5	0.77	189	2.5	27.2	3	120		0.00405	0.0118	0.0052
MMC-18-05	231.14	232.5	1.36	S00354189	190	0.5	0.87	199	2.5	25.2	2.7	120		0.00357	0.0085	0.0029
MMC-18-05	232.5	232.81	0.31	S00354191	100	0.5	0.68	150	2.5	20.3	2.2	81		0.00341	0.0223	0.003
MMC-18-05	232.81	234.31	1.5	S00354192	180	0.5	0.78	200	2.5	24.6	2.7	119		0.00367	0.0092	0.0037
MMC-18-05	234.31	234.81	0.5	S00354193	180	0.5	0.77	210	2.5	24.2	2.6	126		0.00375	0.0081	0.0038
MMC-18-05	234.81	235.79	0.98	S00354194	180	0.5	0.77	212	2.5	24.6	2.6	120		0.00396	0.0112	0.0057
MMC-18-05	235.79	236.8	1.01	S00354195	170	0.5	0.71	203	2.5	22.4	2.5	113		0.00424	0.0117	0.0117
MMC-18-05	236.8	237.81	1.01	S00354196	170	0.5	0.68	226	2.5	21.1	2.3	114		0.00456	0.0149	0.012
MMC-18-05	237.81	238.55	0.74	S00354197	180	0.5	0.72	206	2.5	23.3	2.5	108		0.00403	0.0098	0.0092
MMC-18-05	238.55	239.57	1.02	S00354198	190	0.5	0.64	224	2.5	21.1	2.3	114		0.00626	0.0228	0.0298
MMC-18-05	239.57	239.97	0.4	S00354199	180	0.5	0.49	258	2.5	21.4	2.2	107		0.00642	0.0264	0.0338
MMC-18-05	239.97	240.62	0.65	S00354201	180	0.5	0.75	260	2.5	18.6	2.2	113		0.00556	0.0151	0.0219
MMC-18-05	240.62	241.62	1	S00354202	160	3	0.32	289	2.5	15.8	1.8	90		0.0202	0.11	0.218
MMC-18-05	241.62	242.38	0.76	S00354203	140	3	0.41	318	2.5	17	2	92		0.0256	0.12	0.3
MMC-18-05	242.38	243.56	1.18	S00354204	170	0.5	0.63	252	2.5	14.9	1.7	105		0.00851	0.0925	0.038
MMC-18-05	243.56	244.64	1.08	S00354205	140	4	0.3	297	2.5	14	1.6	90		0.0354	0.214	0.393
MMC-18-05	244.64	244.95	0.31	S00354207	90	2	0.36	290	2.5	13.6	1.6	90		0.0196	0.107	0.212
MMC-18-05	244.95	245.45	0.5	S00354208	110	0.5	0.41	325	2.5	14.8	1.6	87		0.00693	0.0236	0.0586
MMC-18-05	245.45	245.75	0.3	S00354209	60	0.5	0.17	133	2.5	6.2	0.9	39		0.00433	0.0112	0.0355
MMC-18-05	245.75	246.81	1.06	S00354211	70	1	0.4	334	2.5	12.7	1.6	95		0.012	0.0628	0.107
MMC-18-05	246.81	247.81	1	S00354212	120	0.5	0.39	331	2.5	13.9	1.7	80		0.00877	0.0411	0.066
MMC-18-05	247.81	248.76	0.95	S00354213	140	0.5	0.4	303	2.5	15.1	1.7	81		0.00897	0.0463	0.069
MMC-18-05	248.76	249.23	0.47	S00354214	140	1	0.4	316	2.5	15.1	1.7	83		0.0117	0.0649	0.101
MMC-18-05	249.23	249.58	0.35	S00354215	160	4	0.32	296	2.5	11.3	1.4	80		0.0347	0.239	0.474
MMC-18-05	249.58	250.14	0.56	S00354217	170	2	0.41	322	2.5	13.4	1.5	88		0.0205	0.181	0.249

Hole number	From	To	LENGTH	Sample Number	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%
MMC-18-05	250.14	250.46	0.32	S00354218	160	4	0.39	310	2.5	13.8	1.7	92		0.0299	0.263	0.369
MMC-18-05	250.46	251.03	0.57	S00354219	160	2	0.4	310	2.5	15.8	1.9	88		0.0179	0.142	0.213
MMC-18-05	251.03	251.46	0.43	S00354221	160	3	0.39	307	2.5	14.4	1.8	108		0.0261	0.601	0.337
MMC-18-05	251.46	251.78	0.32	S00354222	130	7	0.33	286	2.5	12.6	1.5	136		0.042	1.77	0.43
MMC-18-05	251.78	252.11	0.33	S00354223	160	3	0.41	336	2.5	15.3	1.8	82		0.0223	0.174	0.249
MMC-18-05	252.11	253.12	1.01	S00354224	150	6	0.41	300	2.5	14.9	1.9	85		0.0454	0.351	0.523
MMC-18-05	253.12	254.12	1	S00354226	150	3	0.49	305	2.5	19.2	2.2	91		0.0236	0.206	0.299
MMC-18-05	254.12	255.19	1.07	S00354227	140	3	0.46	299	2.5	18.8	2.1	99		0.0198	0.225	0.268
MMC-18-05	255.19	256.19	1	S00354228	150	3	0.44	302	2.5	17.3	2	98		0.0217	0.235	0.278
MMC-18-05	256.19	256.6	0.41	S00354229	130	10	0.49	240	2.5	14.9	1.8	167		0.0521	1.3	0.725
MMC-18-05	256.6	256.98	0.38	S00354232	160	2	0.39	222	2.5	18.8	2.1	91		0.0129	0.0906	0.168
MMC-18-05	256.98	257.6	0.62	S00354233	170	2	0.43	206	2.5	19.1	2.3	91		0.00878	0.0532	0.0988
MMC-18-05	257.6	258.57	0.97	S00354234	170	0.5	0.51	218	2.5	16.6	2	86		0.00459	0.0248	0.0401
MMC-18-05	258.57	259.62	1.05	S00354235	180	0.5	0.76	282	2.5	14.8	1.8	91		0.00471	0.0345	0.0226
MMC-18-05	259.62	260.65	1.03	S00354236	180	0.5	1.26	307	2.5	13.9	1.7	90		0.00355	0.0123	0.0073
MMC-18-05	260.65	261.76	1.11	S00354237	180	0.5	1.07	316	2.5	13.5	1.5	78		0.00367	0.0079	0.0052
MMC-18-05	261.76	262.17	0.41	S00354238	110	0.5	0.5	190	2.5	9.7	1.1	49		0.00264	0.0108	0.0025
MMC-18-05	262.17	263	0.83	S00354239	140	0.5	0.46	268	2.5	12.8	1.5	73		0.00372	0.0048	0.0055
MMC-18-05	263	263.72	0.72	S00354241	70	0.5	0.3	198	2.5	10.6	1.2	62		0.00407	0.0146	0.0119
MMC-18-05	263.72	264.02	0.3	S00354242	30	0.5	0.52	343	2.5	15.7	2	114		0.00733	0.0289	0.016
MMC-18-05	264.02	265.08	1.06	S00354243	40	0.5	0.11	54	2.5	6	0.7	25		0.00196	0.0131	0.0032
MMC-18-05	265.08	265.88	0.8	S00354244	190	0.5	0.85	281	2.5	12.8	1.5	90		0.00425	0.0064	0.0065
MMC-18-05	265.88	266.6	0.72	S00354245	100	0.5	0.8	343	2.5	14.5	1.7	111		0.00597	0.0114	0.0094
MMC-18-05	266.6	267.19	0.59	S00354246	120	0.5	0.54	306	2.5	14.5	1.8	118		0.00685	0.0184	0.0117
MMC-18-05	267.19	268.19	1	S00354247	160	0.5	0.77	295	2.5	14.9	1.8	109		0.00591	0.0118	0.0103
MMC-18-05	273.66	274.09	0.43	S00354248	180	0.5	0.39	227	2.5	15.6	1.8	96		0.00523	0.03	0.014

Hole number	From	To	LENGTH	Sample Number	TPMgpt
MMC-18-05	145.15	145.53	0.38	S00354166	0.006
MMC-18-05	169.22	170.23	1.01	S00354167	0.0065
MMC-18-05	173.93	174.23	0.3	S00354168	0.0065
MMC-18-05	180.38	180.83	0.45	S00354169	0.0085
MMC-18-05	186.92	187.22	0.3	S00354171	0.006
MMC-18-05	190.63	191.05	0.42	S00354172	0.0065
MMC-18-05	195.18	195.48	0.3	S00354173	0.0065
MMC-18-05	203.56	203.86	0.3	S00354174	0.0075
MMC-18-05	205.18	206	0.82	S00354175	0.0085
MMC-18-05	212.47	212.78	0.31	S00354176	0.0085
MMC-18-05	214.55	214.85	0.3	S00354177	0.0065
MMC-18-05	220	220.88	0.88	S00354178	0.0065
MMC-18-05	223.63	223.93	0.3	S00354179	0.0105
MMC-18-05	224.53	225.5	0.97	S00354181	0.0085
MMC-18-05	225.5	226.5	1	S00354182	0.0085
MMC-18-05	226.5	227.62	1.12	S00354183	0.0085
MMC-18-05	227.62	228.25	0.63	S00354184	0.0085
MMC-18-05	228.25	229.47	1.22	S00354185	0.0095
MMC-18-05	229.47	229.86	0.39	S00354186	0.0095
MMC-18-05	229.86	230.5	0.64	S00354187	0.0095
MMC-18-05	230.5	231.14	0.64	S00354188	0.0085
MMC-18-05	231.14	232.5	1.36	S00354189	0.0075
MMC-18-05	232.5	232.81	0.31	S00354191	0.006
MMC-18-05	232.81	234.31	1.5	S00354192	0.0075
MMC-18-05	234.31	234.81	0.5	S00354193	0.0065
MMC-18-05	234.81	235.79	0.98	S00354194	0.0085
MMC-18-05	235.79	236.8	1.01	S00354195	0.015
MMC-18-05	236.8	237.81	1.01	S00354196	0.016
MMC-18-05	237.81	238.55	0.74	S00354197	0.0115
MMC-18-05	238.55	239.57	1.02	S00354198	0.055
MMC-18-05	239.57	239.97	0.4	S00354199	0.068
MMC-18-05	239.97	240.62	0.65	S00354201	0.031
MMC-18-05	240.62	241.62	1	S00354202	0.401
MMC-18-05	241.62	242.38	0.76	S00354203	0.499
MMC-18-05	242.38	243.56	1.18	S00354204	0.084
MMC-18-05	243.56	244.64	1.08	S00354205	0.669
MMC-18-05	244.64	244.95	0.31	S00354207	0.392
MMC-18-05	244.95	245.45	0.5	S00354208	0.083
MMC-18-05	245.45	245.75	0.3	S00354209	0.061
MMC-18-05	245.75	246.81	1.06	S00354211	0.218
MMC-18-05	246.81	247.81	1	S00354212	0.109
MMC-18-05	247.81	248.76	0.95	S00354213	0.124
MMC-18-05	248.76	249.23	0.47	S00354214	0.185
MMC-18-05	249.23	249.58	0.35	S00354215	0.644
MMC-18-05	249.58	250.14	0.56	S00354217	0.389

Hole number	From	To	LENGTH	Sample Number	TPMgpt
MMC-18-05	250.14	250.46	0.32	S00354218	0.59
MMC-18-05	250.46	251.03	0.57	S00354219	0.414
MMC-18-05	251.03	251.46	0.43	S00354221	0.611
MMC-18-05	251.46	251.78	0.32	S00354222	0.785
MMC-18-05	251.78	252.11	0.33	S00354223	0.568
MMC-18-05	252.11	253.12	1.01	S00354224	1.064
MMC-18-05	253.12	254.12	1	S00354226	0.761
MMC-18-05	254.12	255.19	1.07	S00354227	0.67
MMC-18-05	255.19	256.19	1	S00354228	0.57
MMC-18-05	256.19	256.6	0.41	S00354229	1.1
MMC-18-05	256.6	256.98	0.38	S00354232	0.424
MMC-18-05	256.98	257.6	0.62	S00354233	0.384
MMC-18-05	257.6	258.57	0.97	S00354234	0.177
MMC-18-05	258.57	259.62	1.05	S00354235	0.065
MMC-18-05	259.62	260.65	1.03	S00354236	0.028
MMC-18-05	260.65	261.76	1.11	S00354237	0.0095
MMC-18-05	261.76	262.17	0.41	S00354238	0.0065
MMC-18-05	262.17	263	0.83	S00354239	0.0075
MMC-18-05	263	263.72	0.72	S00354241	0.049
MMC-18-05	263.72	264.02	0.3	S00354242	0.062
MMC-18-05	264.02	265.08	1.06	S00354243	0.0065
MMC-18-05	265.08	265.88	0.8	S00354244	0.0085
MMC-18-05	265.88	266.6	0.72	S00354245	0.0185
MMC-18-05	266.6	267.19	0.59	S00354246	0.022
MMC-18-05	267.19	268.19	1	S00354247	0.0115
MMC-18-05	273.66	274.09	0.43	S00354248	0.065

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-06	DD	NQ	Marshall Hall/Jacob Bellrose		281	225	281

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-06	MMC-18-06_Header_Core Photos_BX_37-40_153.00-169.86_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_13-16_51.55-69.00_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_29-32_119.69-136.06_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_13-16_51.55-69.00_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_17-20_69.00-86.02_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_53-56_221.00-238.16_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_5-8_17.00-34.19_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_33-36_136.06-153.00_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_49-52_204.00-221.00_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_41-44_169.86-186.88_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_65-66_272.82-280.66_m_MMC-18-06_Wet_EOH.JPG   MMC-18-06_Header_Core Photos_BX_65-66_272.82-280.66_m_MMC-18-06_Dry_EOH.JPG   MMC-18-06_Header_Core Photos_BX_41-44_169.86-186.88_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_45-48_186.88-204.00_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_1-4_0.44-17.00_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_21-24_86.02-103.08_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_57-60_238.16-255.44_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_9-12_34.19-51.55_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_29-32_119.69-136.06_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_25-28_103.08-119.69_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_49-52_204.00-221.00_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_5-8_17.00-34.19_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_17-20_69.00-86.02_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_61-64_255.44-272.82_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_1-4_0.44-17.00_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_37-40_153.00-169.86_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_9-12_34.19-51.55_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_61-64_255.44-272.82_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_57-60_238.16-255.44_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_53-56_221.00-238.16_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_33-36_136.06-153.00_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_45-48_186.88-204.00_m_MMC-18-06_Dry.JPG   MMC-18-06_Header_Core Photos_BX_21-24_86.02-103.08_m_MMC-18-06_Wet.JPG   MMC-18-06_Header_Core Photos_BX_25-28_103.08-119.69_m_MMC-18-06_Wet.JPG	Planned	NAD83 / UTM zone 17N



Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-06	NAD83 / UTM zone 17N	5133598	5133598	436167	436167	358

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed	Comments	Drilling started	Drilling completed	Drilling contractor
MMC-18-06	Exp	Mt	Coreshed	PAT-42279	2018-11-09	2018-11-15		2018-11-07	2018-11-13	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-06	0	0.44	Overburden	OB
MMC-18-06	0.44	9.13	Metasediments	1A
MMC-18-06	9.13	11.4	Metasediments	1C
MMC-18-06	11.4	14.9	Metasediments	1A
MMC-18-06	14.9	15.5	Structure	SHR
MMC-18-06	15.5	23.11	Metasediments	1A
MMC-18-06	23.11	23.85	Metasediments	1B
MMC-18-06	23.85	34	Metasediments	1A
MMC-18-06	34	34.01	Structure	FLT

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-06	34.01	88.15	Metasediments	1A
MMC-18-06	88.15	164.65	Metasediments	1C
MMC-18-06	164.65	220.55	Metasediments	1B
MMC-18-06	220.55	225.9	Lower Unit	3A
MMC-18-06	225.9	226.4	Breccia	Magmatic breccia
MMC-18-06	226.4	235.7	Lower Unit	3A
MMC-18-06	235.7	239.61	Upper Unit	4B
MMC-18-06	239.61	246	Lower Unit	3A
MMC-18-06	246	258.68	Upper Unit	4B
MMC-18-06	258.68	259.85	Lower Unit	3A
MMC-18-06	259.85	263.53	Upper Unit	4B

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-06	263.53	266.07	Breccia	Magmatic breccia
MMC-18-06	266.07	267.82	Metasediments	1C
MMC-18-06	267.82	268.45	Breccia	Magmatic breccia
MMC-18-06	268.45	271.94	Upper Unit	4B
MMC-18-06	271.94	277.31	Upper Unit	4D
MMC-18-06	277.31	278.89	Upper Unit	4D
MMC-18-06	278.89	280.66	Upper Unit	4D
MMC-18-06	280.66	280.67	End of hole	End of hole

Hole ID	From (m)	To (m)	Description (original)
MMC-18-06	0	0.44	Total casing length 1.5m
MMC-18-06	0.44	9.13	Light grey to blue, well bedded, m.g., to c.g., sandstone with muddy-silty layers. Layer is rhythmic and appears to show fining of the beds uphole. Minor sericite and hematization can be seen in the shallow parts of the interval near the casing.  Lower contact is gradational and defined by localized change in grain size and variety.
MMC-18-06	9.13	11.4	Similar to overlying unit. However, this unit is coarser grained, with abundant rounded 1-3mm qtz grains with sericitic matrix. Locally a flattening of grains occurs parallel to bedding which ranges from 40-50dtca.  pyrite is locally found along fracture planes  lower contact is parallel to bedding and defined at change in bedding.
MMC-18-06	11.4	14.9	Light grey to blue, well bedded, m.g., to c.g., sandstone with muddy-silty layers. Layer is rhythmic and appears to show fining of the beds uphole.  The silty layers tend to be a darker grey/brown to black, f.g., to m.g., strongly laminated with small beds of coarser sands.
MMC-18-06	14.9	15.5	Well developed foliation defined by qtz grains that have been deformed to develop sigma clasts. Matrix of unit is white (carbonate?) and very soft.  Trace pyrite observed along fractures  Lower contact parallel to foliation at ~45dtca
MMC-18-06	15.5	23.11	Light grey to blue, well bedded, m.g., to c.g., sandstone with muddy-silty layers. Layer is rhythmic and appears to show fining of the beds uphole.  The silty layers tend to be a darker grey/brown to black, f.g., to m.g., strongly laminated with small beds of coarser sands.  Locally c.g., sand to v.f.g., pebble conglomeritic beds are present as well.  In the 19-21m area there appears to be a steepening in the bedding in relation to ca, although the bedding is poorly defined and this could be a relict of drill striations.  lower contact is parallel to bedding
MMC-18-06	23.11	23.85	V.f.g., to f.g., dark brown to black, well bedded siltstone
MMC-18-06	23.85	34	Light grey to blue, well bedded, m.g., to c.g., sandstone with muddy-silty layers. Layer is rhythmic and appears to show fining of the beds uphole.  The silty layers tend to be a darker grey/brown to black, f.g., to m.g., strongly laminated with small beds of coarser sands.  Locally c.g., sand to v.f.g., pebble conglomeritic beds are present as well.  Blue qtz is common throughout but seems to prefer the coarser, black beds
MMC-18-06	34	34.01	1mm layer of gouge centered in FC HE alteration zone

Hole ID	From (m)	To (m)	Description (original)
MMC-18-06	34.01	88.15	Light grey to blue, well bedded, m.g., to c.g., sandstone with muddy-silty layers. Layer is rhythmic and appears to show fining of the beds uphole.  The silty layers tend to be a darker grey/brown to black, f.g., to m.g., strongly laminated with small beds of coarser sands.  Locally c.g., sand to v.f.g., pebble conglomeritic beds are present as well.  Blue qtz is common throughout but seems to prefer the coarser, black beds  Lower contact is gradational and defined where sediment becomes over 60% arkosic
MMC-18-06	88.15	164.65	Very similar to 1A units, however, this unit contains more arkosic material. Colour ranges from dark-grey and black bedded units to greyish-pink and black beds. Consists of m.g., to c.g., sands with local almost conglomeritic units with v.f.g., pebbles. Cross-bedding is more common and appears more commonly with the creamy-white-pink sandstone beds. Increasingly steep bedding over ~10m approaching lower contact. Trace pink k-feldspar altered veinlets observed from ~143-153m. Gradational lower contact marked by increased fracture abundance + sudden fining of grain size.
MMC-18-06	164.65	220.55	Dark grey to black, very fine to fine grained, weakly bedded siltstone. Waning fine to medium grained feldspathic quartzite <50cm up to ~170m. Bedding defined by mm beds of very fine to argillaceous laminae alternating on <10cm scale, locally contain biotite. Weak foliation locally observed, defined by quartz and interstitial alteration alignment. Fracturing and S-C drag rotation (~0.5-1cm drag displacement of J) observed over ~0.3m from upper contact.
MMC-18-06	220.55	225.9	Greenish grey, coarse grained equigranular, massive biotite-bearing Nipissing gabbro. ~60% up to 2mm subhedral feldspar, ~35-40% , and 1-5% <1-2mm biotite flecks. Chilled upper contact with ~1m fine grained, very similar in appearance to possible gabbroic sections in above metasediments, differentiated by sharp irregular chloritized transition at ~221.60m. Moderate foliation defined by aligned prismatic to acicular amphibole and elongate biotite +- interstitial wispy carbonate, locally strong over 1m approaching magmatic breccia.
MMC-18-06	225.9	226.4	Gabbro hosted magmatic breccia. ~80%, irregular, 6-20cm, re-worked and partially dissolved, whitish metasedimentary (feldspathic quartzite) clasts. Strongly foliated gabbro host. Lower contact marked by absence of metasedimentary clasts.
MMC-18-06	226.4	235.7	As above biotite-bearing Nipissing gabbro. Trace disseminated pyrrhotite locally. Sharp lower contact marked by 1cm quartz-carbonate veinlet.
MMC-18-06	235.7	239.61	Dark green grey to black, fine grained equigranular, massive melagabbro. ~75-80% anhedral amphibole + mafic minerals, ~20% <1mm anhedral feldspar, and 5% <1mm biotite. Very weak foliation defined by amphibole alignment locally. Trace to locally 1% fine grained disseminated pyrrhotite and rare chalcopyrite, more concentrated nearest quartz-carbonate veining. Gradational lower contact with increasing grain size and feldspar content.
MMC-18-06	239.61	246	As above Nipissing gabbro unit. Trace disseminated pyrrhotite. Gradational lower contact marked by onset of weak mineral segregation, increased mineralization, and decreased feldspar content.
MMC-18-06	246	258.68	Dark green grey to black, fine to medium grained melagabbro. 60% anhedral to locally prismatic 2mm amphibole, 20-30% ~1mm subhedral feldspar, and 5-10% biotite flecks. Local weak mineral segregation over ~1m from upper contact. Few local white, up to 4cm feldspar cumulates common in stronger mineralized section. ~1% rounded and elongate, 3mm, blueish white feldspar phenocrysts observed from ~254-256m. Overall 2% to locally 8% disseminated to blebby pyrrhotite>chalcopyrite, locally net textured with main zone ~246-258.50m associated with increasingly melanocratic gabbro (mafic content >65%) and locally within carbonate stringers. Moderate foliation observed from ~256 to lower contact. Very weak sharp lower contact marked by chlorite alteration and increased feldspar content.
MMC-18-06	258.68	259.85	As above Nipissing gabbro with slightly coarser grain size and feldspar up to 3mm, often blocky. 1% blebby pyrrhotite. Strongly foliated relative to lower unit. Gradational lower contact.
MMC-18-06	259.85	263.53	As above melagabbro with up to medium grain size. Feldspar grains locally blocky, ~2-3mm and amphibole up to 2 mm prisms. Sharp lower contact marked by shear onset, chloritization, and mineral segregation texture.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-06	263.53	266.07	Gabbro hosted magmatic breccia. ~15%, irregular, 6-20cm, weakly elongate, re-worked and partially digested, whitish metasedimentary (feldspathic quartzite) clasts. Strongly foliated to sheared at contacts, gabbro host with moderate mineral segregation between melanocratic biotite, amphibole and leucocratic feldspar-rich zoning nearest upper contact. Trace-1% pyrrhotite >>chalcopyrite observed as fracture filling in sections of strongest foliation. Sharp lower contact.
MMC-18-06	266.07	267.82	White medium grained weakly bedded quartzite block entrained in magmatic breccia. Foliation defined by green disseminated amphibole elongation and alignment. Sharp lower sheared contact.
MMC-18-06	267.82	268.45	As above magmatic breccia. No metasedimentary clasts observed. Partial mineral segregation, weakens with depth. Gradational lower contact marked by absence of mineral segregation and decreased foliation.
MMC-18-06	268.45	271.94	Fine to medium grained, dark green grey, massive melagabbro. Amphibole content ~75-85% up to anhedral <1mm, 10-15% subhedral up to 1mm feldspar, and trace to 5% <1mm biotite flecks. Very weakly foliated as defined by amphibole alignment. Trace disseminated pyrrhotite >>> chalcopyrite. Gradational lower contact marked by increasing feldspar content and grain size.
MMC-18-06	271.94	277.31	Greenish grey, medium to locally pegmatitic, massive to locally segregated quartz-biotite diorite. 60% subhedral white feldspar grains up to 5mm with local pink potassic alteration, 35% often prismatic amphibole, 3-5% <1mm biotite with trace-1% <1mm quartz. Very weakly foliated. Partially segregated section with melanocratic to feldspar rich waning over ~20cm at ~274.20-275.50m with locally 1% disseminated pyrrhotite + chalcopyrite. Trace to 0.5% disseminated pyrrhotite overall. Sharp lower contact with pegmatitic section.
MMC-18-06	277.31	278.89	Green white, local very coarse grained pegmatitic section; 60-70% white subhedral up to 1.5cm feldspar, 30% acicular up to 2cm long amphibole, and 5-10% ~1mm biotite. ~2% disseminated pyrrhotite>chalcopyrite throughout intergranular space of feldspar. Sharp, parallel shallow upper and lower contacts.
MMC-18-06	278.89	280.66	As above quartz-biotite diorite. Trace disseminated pyrrhotite +- chalcopyrite.
MMC-18-06	280.66	280.67	



Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb
MMC-18-06	61.87	62.81	0.94	S00354249	Original	trace ccp in alt	2.017	17
MMC-18-06	225.9	226.4	0.5	S00354251	Original	Local magmatic breccia	1.022	5
MMC-18-06	228.65	229.68	1.03	S00354252	Original	0.5% diss po>>>ccp	2.485	5
MMC-18-06	231.87	232.3	0.43	S00354253	Original	tr diss po>>>ccp	1.035	22
MMC-18-06	235.7	236	0.3	S00354254	Original	0.5% diss po	0.682	442
MMC-18-06	236.45	236.75	0.3	S00354255	Original	qtz-carb vein with tr ccp+po	0.706	230
MMC-18-06	236.75	237.8	1.05	S00354256	Original	2% diss po >>> ccp	2.574	388
MMC-18-06	237.8	238.44	0.64	S00354257	Original	tr-0.5% diss po	1.605	290
MMC-18-06	238.44	238.74	0.3	S00354258	Original	qtz-carb vein with 0.5% diss po	0.709	10
MMC-18-06	238.74	239.61	0.87	S00354259	Original	0.5-2% f.g. diss po in melagabbro section (before zone)	2.099	160
MMC-18-06	241.35	241.65	0.3	S00354261	Original	tr diss po + frac po>>ccp	0.792	4
MMC-18-06	244	245	1	S00354262	Original	0.5% dis po >>> ccp. Start of shoulder for continuous sampling MAIN ZONE	2.532	2
MMC-18-06	245	246	1	S00354263	Original	tr diss po	2.618	4
MMC-18-06	246	247	1	S00354264	Original	1% diss to blebby po>>ccp	2.469	11
MMC-18-06	247	247.96	0.96	S00354265	Original	3% blebby po>>ccp	2.4	13
MMC-18-06	247.96	248.58	0.62	S00354266	Original	2% blebby po>>ccp	1.482	7
MMC-18-06	248.58	249.25	0.67	S00354267	Original	4% blebby po>>ccp	1.682	13
MMC-18-06	249.25	250.25	1	S00354269	Original	Tr diss po	2.467	0.5
MMC-18-06	250.25	251	0.75	S00354271	Original	Tr diss po	1.886	2
MMC-18-06	251	251.85	0.85	S00354272	Original	1% diss po	2.095	2
MMC-18-06	251.85	252.36	0.51	S00354273	Original	1% diss po>>ccp up to blebby	1.285	6
MMC-18-06	252.36	253.36	1	S00354274	Original	4% blebby po>>ccp	2.439	21
MMC-18-06	253.36	253.74	0.38	S00354275	Original	5% blebby po>>ccp	1.016	20
MMC-18-06	253.74	254.04	0.3	S00354276	Original	1% blebby po>>ccp	0.712	34
MMC-18-06	254.04	254.57	0.53	S00354277	Original	8% blebby po=ccp	1.403	19
MMC-18-06	254.57	254.88	0.31	S00354278	Original	10% net textured po>>ccp	0.391	18
MMC-18-06	254.88	255.88	1	S00354281	Original	2-3% blebby po>>ccp	2.567	14
MMC-18-06	255.88	256.88	1	S00354282	Original	3% blebby po>>ccp	2.445	88
MMC-18-06	256.88	257.46	0.58	S00354283	Original	Patchy carb 1-2 % blebby po>>ccp	1.389	106
MMC-18-06	257.46	257.84	0.38	S00354284	Original	Local 5% blebby to net po>>ccp	0.95	212
MMC-18-06	257.84	258.66	0.82	S00354285	Original	4% blebby po = ccp END OF MAIN ZONE	2.078	193
MMC-18-06	258.66	259.85	1.19	S00354287	Original	1% blebby po in Nipissing gabbro	2.81	28
MMC-18-06	259.85	260.3	0.45	S00354288	Original	0.5-1% blebby po>>ccp	1.091	38
MMC-18-06	260.3	260.81	0.51	S00354289	Original	2 carb stringers with semi-massive po 3%	1.214	24
MMC-18-06	260.81	261.4	0.59	S00354291	Original	tr diss po >ccp	1.457	49
MMC-18-06	261.4	261.85	0.45	S00354292	Original	Local blebs of po >>ccp 3% on fld cumulates	1.05	32
MMC-18-06	261.85	262.74	0.89	S00354293	Original	0.5% diss po>>ccp	2.094	11
MMC-18-06	262.74	263.51	0.77	S00354294	Original	0.5% diss po	1.95	4
MMC-18-06	263.51	264.15	0.64	S00354295	Original	trace diss po in mag breccia	1.473	81
MMC-18-06	264.15	265.09	0.94	S00354296	Original	trace diss po + py	2.155	0.5
MMC-18-06	265.09	265.5	0.41	S00354297	Original	strongly foliated mag braccia matrix . THIN SECTION IN MATRIX	0.873	2
MMC-18-06	265.5	265.68	0.18	S00354298	Original	Metased clasts	0.597	0.5
MMC-18-06	265.68	266.07	0.39	S00354299	Original	frac po=ccp 1%	0.72	16
MMC-18-06	266.07	266.77	0.7	S00354301	Original	Metasedimentary block	1.511	0.5
MMC-18-06	266.77	267.82	1.05	S00354302	Original	metasedimentary block	2.209	0.5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB
MMC-18-06	267.82	268.45	0.63	S00354303	Original	End of magmatic breccia	1.381	1
MMC-18-06	268.45	269.3	0.85	S00354304	Original	0.5% diss po >>ccp	1.854	3
MMC-18-06	269.3	270.72	1.42	S00354305	Original	Tr diss po >> ccp	3.321	3
MMC-18-06	270.72	271.94	1.22	S00354306	Original	0.5% diss po >> ccp	3.039	52
MMC-18-06	271.94	273	1.06	S00354307	Original	qtz-biotite diorite 0.5% diss po >> ccp	2.569	18
MMC-18-06	273	274.13	1.13	S00354308	Original	Trace diss po	2.988	0.5
MMC-18-06	274.13	274.95	0.82	S00354309	Original	Weakly segregated section with trace 0.25% diss po	1.943	0.5
MMC-18-06	274.95	275.45	0.5	S00354311	Original	Local 1% diss po >> ccp	1.101	12
MMC-18-06	275.45	276.4	0.95	S00354312	Original	Tr diss po	2.346	12
MMC-18-06	276.4	276.85	0.45	S00354313	Original	0.5% diss po >> ccp	1.077	7
MMC-18-06	276.85	277.31	0.46	S00354314	Original	Tr diss po	1.065	4
MMC-18-06	277.31	278.3	0.99	S00354315	Original	Pegmatite. 1-2% diss to blebby po=ccp to ccp>po	2.27	10
MMC-18-06	278.3	278.89	0.59	S00354316	Original	Pegmatite. 1% diss po = ccp	1.172	18
MMC-18-06	278.89	279.85	0.96	S00354317	Original	Tr diss po	1.907	13
MMC-18-06	279.85	280.66	0.81	S00354318	Original	Tr diss po. EOH	1.951	9

Hole number	From	To	LENGTH	Sample Number	Pt_PPB	Pd_PPB	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-06	61.87	62.81	0.94	S00354249	5	1	0.5	4.6	44	400	0.5	0.6	0.05	0.1	3.8	94	1.2
MMC-18-06	225.9	226.4	0.5	S00354251	5	1	0.5	7.29	10	440	2	0.3	1.5	0.1	16.3	74	4.5
MMC-18-06	228.65	229.68	1.03	S00354252	5	2	0.5	8.12	1.5	340	1	0.8	4.2	0.1	37.7	122	6.2
MMC-18-06	231.87	232.3	0.43	S00354253	5	3	0.5	8.13	1.5	330	1	1.1	4.3	0.1	37	127	6
MMC-18-06	235.7	236	0.3	S00354254	5	2	0.5	7.81	1.5	350	2	7.3	3.4	0.1	35.8	106	3.6
MMC-18-06	236.45	236.75	0.3	S00354255	5	1	0.5	5.19	7	190	0.5	4.4	4.6	0.2	27.4	85	2.5
MMC-18-06	236.75	237.8	1.05	S00354256	5	2	0.5	8.08	31	360	1	6.7	3.6	0.3	44.7	110	2.5
MMC-18-06	237.8	238.44	0.64	S00354257	5	3	0.5	7.46	13	350	1	4.8	3.4	0.8	38.6	106	3.5
MMC-18-06	238.44	238.74	0.3	S00354258	5	2	0.5	5.96	9	530	1	0.4	11.3	1.4	31.9	73	3.9
MMC-18-06	238.74	239.61	0.87	S00354259	5	2	0.5	8.57	1.5	260	1	2.5	3.2	0.7	41.1	117	3.5
MMC-18-06	241.35	241.65	0.3	S00354261	5	1	0.5	8.18	7	120	1	0.4	4.8	0.1	43.2	134	1.8
MMC-18-06	244	245	1	S00354262	5	4	0.5	7.79	5	260	1	0.2	3.8	0.1	48.9	194	4.3
MMC-18-06	245	246	1	S00354263	5	3	0.5	8.3	5	240	1	0.3	4.6	0.1	54.7	149	4.2
MMC-18-06	246	247	1	S00354264	40	45	0.5	7.98	77	360	1	0.7	3.7	0.1	97.7	404	3.9
MMC-18-06	247	247.96	0.96	S00354265	160	137	0.5	8.92	177	430	1	1.3	3.2	0.1	152	543	4.1
MMC-18-06	247.96	248.58	0.62	S00354266	110	140	0.5	9.13	251	480	1	1.1	3.1	0.1	144	492	4.9
MMC-18-06	248.58	249.25	0.67	S00354267	170	148	0.5	8.88	463	460	1	1.9	3.1	0.1	170	447	4.3
MMC-18-06	249.25	250.25	1	S00354269	20	18	0.5	9.99	95	510	1	0.4	3.1	0.1	35.3	479	4.3
MMC-18-06	250.25	251	0.75	S00354271	50	45	0.5	8.92	466	480	1	1.1	3.4	0.1	123	604	3.5
MMC-18-06	251	251.85	0.85	S00354272	50	51	0.5	8.86	157	430	0.5	0.4	3.6	0.4	82.8	512	3.7
MMC-18-06	251.85	252.36	0.51	S00354273	70	48	0.5	9.27	23	490	1	0.3	4.4	0.1	59	509	5.1
MMC-18-06	252.36	253.36	1	S00354274	150	147	0.5	8.3	70	440	0.5	1.1	3.5	0.1	135	486	4.2
MMC-18-06	253.36	253.74	0.38	S00354275	200	168	0.5	8.16	78	350	1	2.4	3.3	0.1	194	416	2.3
MMC-18-06	253.74	254.04	0.3	S00354276	350	128	0.5	8.06	45	270	0.5	2.8	4.1	0.3	194	348	2.2
MMC-18-06	254.04	254.57	0.53	S00354277	380	125	0.5	7.04	42	230	0.5	4.1	3.6	0.2	276	270	2.1
MMC-18-06	254.57	254.88	0.31	S00354278	310	213	0.5	7.4	127	290	0.5	3.7	3.2	0.1	303	357	2.8
MMC-18-06	254.88	255.88	1	S00354281	110	132	0.5	8.44	142	310	1	1.6	4.2	0.1	136	458	3.6
MMC-18-06	255.88	256.88	1	S00354282	260	200	0.5	7.45	347	270	1	5	3.4	0.1	220	446	4.8
MMC-18-06	256.88	257.46	0.58	S00354283	160	167	0.5	7.06	270	350	2	4	4.4	0.5	213	310	5.9
MMC-18-06	257.46	257.84	0.38	S00354284	180	974	0.5	6.92	1070	370	1	8.7	2.4	0.1	686	272	7.6
MMC-18-06	257.84	258.66	0.82	S00354285	280	199	0.5	6.66	78	310	1	6.7	4.3	0.4	198	261	4.9
MMC-18-06	258.66	259.85	1.19	S00354287	10	28	0.5	8.03	19	270	1	1.2	4.8	0.9	62.4	99	7.4
MMC-18-06	259.85	260.3	0.45	S00354288	100	72	0.5	8.61	7	670	2	1	3.3	0.4	112	101	8.4
MMC-18-06	260.3	260.81	0.51	S00354289	20	44	0.5	8.68	18	750	2	0.6	6.1	4.4	139	95	7.3
MMC-18-06	260.81	261.4	0.59	S00354291	40	48	0.5	8.2	12	380	1	1.2	4.4	0.1	75.4	98	6.9
MMC-18-06	261.4	261.85	0.45	S00354292	50	40	0.5	7.48	14	380	1	1.2	4.8	0.2	73.2	101	8.2
MMC-18-06	261.85	262.74	0.89	S00354293	20	21	0.5	7.99	23	340	1	0.9	4.8	0.1	65.2	109	9.5
MMC-18-06	262.74	263.51	0.77	S00354294	5	12	0.5	8.14	12	360	0.5	0.7	4.7	0.3	52.8	126	8.1
MMC-18-06	263.51	264.15	0.64	S00354295	10	7	0.5	10	8	460	1	0.5	4.2	0.1	50.6	354	4.3
MMC-18-06	264.15	265.09	0.94	S00354296	5	2	0.5	9.2	10	330	1	0.2	4.3	0.1	36.9	146	3.2
MMC-18-06	265.09	265.5	0.41	S00354297	5	3	0.5	7.52	5	500	1	0.2	2.6	0.1	44.4	204	4.6
MMC-18-06	265.5	265.68	0.18	S00354298	10	21	0.5	2.58	13	70	0.5	0.2	0.6	0.1	27.7	114	1.1
MMC-18-06	265.68	266.07	0.39	S00354299	70	51	0.5	3.28	7	80	0.5	1.2	1	0.3	76	234	1.6
MMC-18-06	266.07	266.77	0.7	S00354301	5	0.5	0.5	2.92	6	80	0.5	0.05	0.3	0.1	4.7	64	0.7
MMC-18-06	266.77	267.82	1.05	S00354302	5	0.5	0.5	2.49	1.5	140	0.5	0.05	0.2	0.1	2.6	55	0.1

Hole number	From	To	LENGTH	Sample Number	Pt_PPb	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-06	267.82	268.45	0.63	S00354303	5	7	0.5	8.59	11	250	0.5	0.3	4.3	0.1	38	181	1.1
MMC-18-06	268.45	269.3	0.85	S00354304	10	14	0.5	8.16	19	200	0.5	0.4	4.8	0.1	63.8	261	1.9
MMC-18-06	269.3	270.72	1.42	S00354305	10	13	0.5	9.63	21	230	0.5	0.5	5.5	0.1	52.3	299	1.8
MMC-18-06	270.72	271.94	1.22	S00354306	60	88	0.5	8.4	27	230	0.5	1.6	4.8	0.1	65.5	286	3.3
MMC-18-06	271.94	273	1.06	S00354307	30	29	0.5	8.71	7	250	0.5	0.7	5.4	0.3	59.1	207	2.9
MMC-18-06	273	274.13	1.13	S00354308	5	5	0.5	8.87	8	210	1	0.2	5.1	0.1	46.9	158	2.8
MMC-18-06	274.13	274.95	0.82	S00354309	5	5	0.5	9.6	6	360	1	0.1	3.5	0.1	36.8	196	5.8
MMC-18-06	274.95	275.45	0.5	S00354311	20	40	0.5	6.17	1.5	360	0.5	0.4	2.1	0.4	97.8	380	6.3
MMC-18-06	275.45	276.4	0.95	S00354312	20	32	0.5	9.08	8	200	1	0.4	4.7	0.1	54.2	123	2.6
MMC-18-06	276.4	276.85	0.45	S00354313	20	37	0.5	8.96	15	170	1	0.4	4.7	0.1	54.8	118	1.5
MMC-18-06	276.85	277.31	0.46	S00354314	10	16	0.5	8.84	6	210	1	0.3	4.9	0.1	49	151	3.1
MMC-18-06	277.31	278.3	0.99	S00354315	5	0.5	0.5	8.69	1.5	320	1	0.2	2.4	0.2	48.3	51	4.9
MMC-18-06	278.3	278.89	0.59	S00354316	5	4	0.5	8.48	5	240	0.5	0.3	3.4	0.6	62	56	2.7
MMC-18-06	278.89	279.85	0.96	S00354317	20	45	0.5	8.51	9	180	0.5	0.4	5.4	0.1	49.9	125	2.1
MMC-18-06	279.85	280.66	0.81	S00354318	20	47	0.5	8.47	13	200	0.5	0.3	5.9	0.1	52.8	136	2.2

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-06	61.87	62.81	0.94	S00354249	26	1.5	3.3	44.1	10	0.34	60	3	9	0.06	7	0.5	0.5	36.3
MMC-18-06	225.9	226.4	0.5	S00354251	43	4.37	1.5	20.5	13	1.11	360	2	23	0.06	14	0.5	0.5	29.5
MMC-18-06	228.65	229.68	1.03	S00354252	56	8.41	1.4	26.4	21	2.04	1070	1	43	0.06	12	0.5	0.5	25.1
MMC-18-06	231.87	232.3	0.43	S00354253	75	8.54	1.4	28	19	2.1	1070	1	46	0.05	10	0.5	0.5	26.1
MMC-18-06	235.7	236	0.3	S00354254	218	7.89	1.2	27.7	20	1.84	820	1	36	0.06	19	0.5	0.5	26.7
MMC-18-06	236.45	236.75	0.3	S00354255	290	5.93	0.8	24.3	14	1.42	750	2	26	0.04	16	0.5	0.5	27.2
MMC-18-06	236.75	237.8	1.05	S00354256	332	8.49	1.4	27.9	19	1.95	890	1	38	0.07	17	0.5	0.5	24.7
MMC-18-06	237.8	238.44	0.64	S00354257	201	7.89	1.5	27.7	19	1.98	840	1	39	0.06	21	0.5	0.5	23.7
MMC-18-06	238.44	238.74	0.3	S00354258	467	5.86	1.6	53.7	15	2.59	1970	1	32	0.05	70	0.5	0.5	17
MMC-18-06	238.74	239.61	0.87	S00354259	287	7.89	1.1	27.3	21	2.14	820	3	43	0.06	26	0.5	0.5	25
MMC-18-06	241.35	241.65	0.3	S00354261	311	8.34	0.6	23	18	2.22	930	2	44	0.07	12	0.5	0.5	24.8
MMC-18-06	244	245	1	S00354262	188	9.24	1.1	24.4	21	2.71	1030	2	78	0.06	14	0.5	0.5	23.4
MMC-18-06	245	246	1	S00354263	341	9.36	1.1	21.3	19	2.56	970	3	63	0.06	14	0.5	0.5	24.8
MMC-18-06	246	247	1	S00354264	338	8.31	1.5	18.5	20	2.97	890	6	608	0.01	8	0.5	0.5	23.7
MMC-18-06	247	247.96	0.96	S00354265	653	9.96	1.7	34.3	26	3.15	740	27	2180	0.02	10	1.09	0.5	24.1
MMC-18-06	247.96	248.58	0.62	S00354266	428	8.98	1.9	22.4	24	3.07	750	30	1710	0.02	10	0.5	0.5	24
MMC-18-06	248.58	249.25	0.67	S00354267	682	9.21	1.7	19	22	3	710	23	2390	0.03	9	0.5	0.5	21.8
MMC-18-06	249.25	250.25	1	S00354269	8	6.81	2	25.1	26	3.41	750	8	283	0.04	9	0.5	0.5	25.4
MMC-18-06	250.25	251	0.75	S00354271	46	6.53	1.7	26.3	25	3.28	710	10	548	0.03	16	0.5	0.5	23.4
MMC-18-06	251	251.85	0.85	S00354272	171	7.1	1.6	21.9	23	3.25	730	7	678	0.03	15	0.5	0.5	24.6
MMC-18-06	251.85	252.36	0.51	S00354273	389	8.22	1.9	20.5	22	3.21	820	11	772	0.03	8	0.5	0.5	22.9
MMC-18-06	252.36	253.36	1	S00354274	1120	9.63	1.6	20.3	20	3.01	740	26	1820	0.04	8	1.26	0.5	23
MMC-18-06	253.36	253.74	0.38	S00354275	1440	10.9	1.2	24.4	18	2.62	770	34	3020	0.04	8	2.54	0.5	24.5
MMC-18-06	253.74	254.04	0.3	S00354276	2230	11.6	1	16.2	18	3.05	800	37	3130	0.04	10	2.67	0.5	23.8
MMC-18-06	254.04	254.57	0.53	S00354277	2560	14	0.9	16.4	15	2.84	750	42	5000	0.04	9	4.41	0.5	22.1
MMC-18-06	254.57	254.88	0.31	S00354278	506	13.2	1.1	19.6	17	2.47	610	49	4940	0.04	11	4.22	0.5	22.1
MMC-18-06	254.88	255.88	1	S00354281	1060	9.2	1.4	21.3	20	2.87	760	19	1670	0.05	10	0.5	0.5	24.9
MMC-18-06	255.88	256.88	1	S00354282	789	10.5	1.4	19.9	23	2.99	860	23	2380	0.05	9	1.22	0.5	22.8
MMC-18-06	256.88	257.46	0.58	S00354283	880	9.74	1.6	26.9	22	2.45	880	17	1910	0.07	59	1.52	0.5	22.6
MMC-18-06	257.46	257.84	0.38	S00354284	473	13.9	1.9	24.1	22	2.38	770	30	4530	0.06	7	3.8	0.5	21.9
MMC-18-06	257.84	258.66	0.82	S00354285	2550	11.5	1.4	17.9	19	2.2	870	21	2740	0.05	7	2.57	0.5	21.9
MMC-18-06	258.66	259.85	1.19	S00354287	397	9.43	1.6	18.8	25	2.44	1110	1	329	0.05	57	0.5	0.5	25.4
MMC-18-06	259.85	260.3	0.45	S00354288	1110	11	2.9	21.7	32	2.67	870	3	1050	0.06	24	1.36	0.5	21.6
MMC-18-06	260.3	260.81	0.51	S00354289	902	10.5	3.2	20.2	32	2.59	990	2	1830	0.06	138	1.61	0.5	19
MMC-18-06	260.81	261.4	0.59	S00354291	554	10.4	2.1	20.1	26	2.28	1150	2	514	0.06	7	0.5	0.5	23.7
MMC-18-06	261.4	261.85	0.45	S00354292	449	10.1	1.9	22.1	26	2.36	1260	3	531	0.05	9	0.5	0.5	23.7
MMC-18-06	261.85	262.74	0.89	S00354293	315	9.86	2.2	21.6	26	2.52	1300	2	327	0.05	13	0.5	0.5	25.2
MMC-18-06	262.74	263.51	0.77	S00354294	180	9.52	1.9	20	26	2.67	1180	1	184	0.05	24	0.5	0.5	23.9
MMC-18-06	263.51	264.15	0.64	S00354295	147	8.44	1.8	21.7	29	2.94	1040	4	130	0.03	9	0.5	0.5	22.9
MMC-18-06	264.15	265.09	0.94	S00354296	51	6.48	1.5	20.2	22	2.52	800	1	34	0.04	10	0.5	0.5	27.3
MMC-18-06	265.09	265.5	0.41	S00354297	108	6.99	1.9	16.6	25	3.01	740	1	83	0.03	7	0.5	0.5	26.6
MMC-18-06	265.5	265.68	0.18	S00354298	103	2.81	0.4	7	6	1.13	250	3	88	0.01	7	0.5	0.5	37.1
MMC-18-06	265.68	266.07	0.39	S00354299	1420	6.05	0.5	11.7	12	2.29	440	4	487	0.01	51	0.5	0.5	36.1
MMC-18-06	266.07	266.77	0.7	S00354301	17	1.38	0.4	4.9	2.5	0.45	120	3	21	0.01	6	0.5	0.5	36.9
MMC-18-06	266.77	267.82	1.05	S00354302	71	0.89	0.2	9.5	2.5	0.12	90	3	12	0.005	7	0.5	0.5	40

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-06	267.82	268.45	0.63	S00354303	77	7.08	1.1	10.8	20	3.56	900	1	109	0.02	9	0.5	0.5	26.3
MMC-18-06	268.45	269.3	0.85	S00354304	354	8.28	1	13.4	17	4.5	1100	1	162	0.02	9	0.5	0.5	24.5
MMC-18-06	269.3	270.72	1.42	S00354305	130	8.16	1	14.1	20	4.2	1120	1	151	0.03	9	0.5	0.5	24.8
MMC-18-06	270.72	271.94	1.22	S00354306	682	9.88	1.2	17.3	19	4.12	1230	1	589	0.04	8	0.5	0.5	26.6
MMC-18-06	271.94	273	1.06	S00354307	296	9.69	1.3	15.8	19	3.32	1130	1	212	0.04	12	0.5	0.5	25
MMC-18-06	273	274.13	1.13	S00354308	135	8.46	1.1	16.1	17	3.36	1040	1	91	0.04	9	0.5	0.5	24.8
MMC-18-06	274.13	274.95	0.82	S00354309	33	7.19	2.1	22.6	22	3.03	790	1	118	0.02	9	0.5	0.5	26.7
MMC-18-06	274.95	275.45	0.5	S00354311	509	10.7	2.2	34.6	36	4.07	960	1	374	0.02	7	0.5	0.5	27.3
MMC-18-06	275.45	276.4	0.95	S00354312	119	9.72	1.1	14.8	26	4.04	1140	1	146	0.05	37	0.5	0.5	25.7
MMC-18-06	276.4	276.85	0.45	S00354313	169	9.59	0.8	16.1	27	3.95	1160	1	137	0.06	9	0.5	0.5	24.8
MMC-18-06	276.85	277.31	0.46	S00354314	87	9.95	1.2	13.8	23	4.07	1240	1	125	0.04	9	0.5	0.5	24.7
MMC-18-06	277.31	278.3	0.99	S00354315	1180	7.46	1.8	36.3	22	2.28	820	1	76	0.09	9	0.5	0.5	28.7
MMC-18-06	278.3	278.89	0.59	S00354316	1960	7.39	1.3	43.4	21	2.12	730	1	128	0.05	29	0.5	0.5	28.6
MMC-18-06	278.89	279.85	0.96	S00354317	262	9.2	0.9	18.4	17	3.69	1230	1	143	0.04	10	0.5	0.5	26.1
MMC-18-06	279.85	280.66	0.81	S00354318	307	9.14	1	14.8	16	3.84	1320	1	167	0.04	8	0.5	0.5	26.5

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-06	61.87	62.81	0.94	S00354249	0.5	30	0.5	0.13	23	2.5	11	1.1	19		0.00038	0.0026
MMC-18-06	225.9	226.4	0.5	S00354251	0.5	120	0.5	0.34	92	2.5	14.5	1.7	44		0.00163	0.0043
MMC-18-06	228.65	229.68	1.03	S00354252	1	180	0.5	0.81	198	2.5	23.8	2.5	89		0.00377	0.0056
MMC-18-06	231.87	232.3	0.43	S00354253	1	190	0.5	0.78	204	2.5	26.1	2.6	83		0.0037	0.0075
MMC-18-06	235.7	236	0.3	S00354254	0.5	150	2	0.71	177	2.5	23.7	2.6	76		0.00358	0.0218
MMC-18-06	236.45	236.75	0.3	S00354255	4	110	1	0.45	127	2.5	17.3	1.8	84		0.00274	0.029
MMC-18-06	236.75	237.8	1.05	S00354256	6	140	2	0.84	212	2.5	22.4	2.5	116		0.00447	0.0332
MMC-18-06	237.8	238.44	0.64	S00354257	7	120	1	0.79	184	2.5	20.9	2.4	164		0.00386	0.0201
MMC-18-06	238.44	238.74	0.3	S00354258	9	140	0.5	0.51	153	2.5	42.3	2.9	308		0.00319	0.0467
MMC-18-06	238.74	239.61	0.87	S00354259	0.5	170	0.5	0.81	196	2.5	23.8	2.3	180		0.00411	0.0287
MMC-18-06	241.35	241.65	0.3	S00354261	8	210	0.5	0.88	202	2.5	20	2.1	80		0.00432	0.0311
MMC-18-06	244	245	1	S00354262	6	140	0.5	0.93	266	2.5	22.3	2.3	96		0.00489	0.0188
MMC-18-06	245	246	1	S00354263	0.5	200	0.5	0.96	248	2.5	18.1	2.2	101		0.00547	0.0341
MMC-18-06	246	247	1	S00354264	0.5	160	0.5	0.56	288	2.5	19.9	2.4	77		0.00977	0.0338
MMC-18-06	247	247.96	0.96	S00354265	0.5	160	1	0.38	286	2.5	11.2	1.3	78		0.0152	0.0653
MMC-18-06	247.96	248.58	0.62	S00354266	0.5	180	1	0.45	287	2.5	12.8	1.4	77		0.0144	0.0428
MMC-18-06	248.58	249.25	0.67	S00354267	5	170	2	0.4	267	2.5	13.4	1.5	72		0.017	0.0682
MMC-18-06	249.25	250.25	1	S00354269	31	190	0.5	0.46	299	2.5	14.7	1.6	76		0.00353	0.0008
MMC-18-06	250.25	251	0.75	S00354271	0.5	180	1	0.35	307	2.5	15.1	1.7	88		0.0123	0.0046
MMC-18-06	251	251.85	0.85	S00354272	0.5	170	0.5	0.42	303	2.5	15.1	1.7	93		0.00828	0.0171
MMC-18-06	251.85	252.36	0.51	S00354273	7	190	0.5	0.58	329	2.5	14	1.7	75		0.0059	0.0389
MMC-18-06	252.36	253.36	1	S00354274	5	160	1	0.53	291	2.5	14.8	1.6	71		0.0135	0.112
MMC-18-06	253.36	253.74	0.38	S00354275	0.5	160	3	0.55	268	2.5	16.7	1.8	68		0.0194	0.144
MMC-18-06	253.74	254.04	0.3	S00354276	0.5	170	3	0.5	288	2.5	13.9	1.5	75		0.0194	0.223
MMC-18-06	254.04	254.57	0.53	S00354277	0.5	140	4	0.5	253	2.5	15.2	1.6	70		0.0276	0.256
MMC-18-06	254.57	254.88	0.31	S00354278	0.5	150	4	0.45	269	2.5	15.1	1.7	55		0.0303	0.0506
MMC-18-06	254.88	255.88	1	S00354281	0.5	180	1	0.4	303	2.5	18	2	71		0.0136	0.106
MMC-18-06	255.88	256.88	1	S00354282	0.5	120	3	0.44	295	2.5	18.1	2.1	77		0.022	0.0789
MMC-18-06	256.88	257.46	0.58	S00354283	0.5	100	2	0.58	259	2.5	21.9	2.5	160		0.0213	0.088
MMC-18-06	257.46	257.84	0.38	S00354284	0.5	90	5	0.67	263	2.5	19.3	2.2	74		0.0686	0.0473
MMC-18-06	257.84	258.66	0.82	S00354285	0.5	100	3	0.57	253	2.5	16.4	2	88		0.0198	0.255
MMC-18-06	258.66	259.85	1.19	S00354287	1	220	0.5	0.85	258	2.5	19.4	2.1	219		0.00624	0.0397
MMC-18-06	259.85	260.3	0.45	S00354288	0.5	120	0.5	0.88	265	2.5	15.5	1.8	144		0.0112	0.111
MMC-18-06	260.3	260.81	0.51	S00354289	7	130	0.5	0.85	253	2.5	17.4	2	1230		0.0139	0.0902
MMC-18-06	260.81	261.4	0.59	S00354291	1	160	0.5	0.84	272	2.5	20.6	2.3	110		0.00754	0.0554
MMC-18-06	261.4	261.85	0.45	S00354292	1	210	0.5	0.78	225	2.5	21.6	2.3	112		0.00732	0.0449
MMC-18-06	261.85	262.74	0.89	S00354293	2	240	0.5	0.83	227	2.5	21.9	2.4	114		0.00652	0.0315
MMC-18-06	262.74	263.51	0.77	S00354294	6	220	0.5	0.84	256	2.5	20.1	2.2	145		0.00528	0.018
MMC-18-06	263.51	264.15	0.64	S00354295	1	220	0.5	0.69	336	2.5	11.3	1.4	94		0.00506	0.0147
MMC-18-06	264.15	265.09	0.94	S00354296	1	220	0.5	0.37	216	2.5	15.1	1.6	66		0.00369	0.0051
MMC-18-06	265.09	265.5	0.41	S00354297	34	110	0.5	0.29	242	2.5	13.8	1.6	70		0.00444	0.0108
MMC-18-06	265.5	265.68	0.18	S00354298	0.5	30	0.5	0.09	86	2.5	4.5	0.6	26		0.00277	0.0103
MMC-18-06	265.68	266.07	0.39	S00354299	0.5	20	0.5	0.1	136	2.5	5.5	0.6	68		0.0076	0.142
MMC-18-06	266.07	266.77	0.7	S00354301	5	30	0.5	0.05	22	2.5	2.3	0.3	15		0.00047	0.0017
MMC-18-06	266.77	267.82	1.05	S00354302	0.5	20	0.5	0.03	9	2.5	2.8	0.3	8		0.00026	0.0071

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-06	267.82	268.45	0.63	S00354303	0.5	160	0.5	0.3	218	2.5	8.7	1.1	76		0.0038	0.0077
MMC-18-06	268.45	269.3	0.85	S00354304	8	150	0.5	0.39	285	2.5	12.6	1.4	93		0.00638	0.0354
MMC-18-06	269.3	270.72	1.42	S00354305	8	180	0.5	0.44	290	2.5	13.8	1.4	95		0.00523	0.013
MMC-18-06	270.72	271.94	1.22	S00354306	1	160	0.5	0.55	299	2.5	18	2	100		0.00655	0.0682
MMC-18-06	271.94	273	1.06	S00354307	1	180	0.5	0.64	284	2.5	17.6	2.2	96		0.00591	0.0296
MMC-18-06	273	274.13	1.13	S00354308	6	180	0.5	0.48	227	2.5	16.4	1.9	98		0.00469	0.0135
MMC-18-06	274.13	274.95	0.82	S00354309	8	160	0.5	0.52	204	2.5	9.4	1.1	81		0.00368	0.0033
MMC-18-06	274.95	275.45	0.5	S00354311	0.5	40	0.5	0.5	260	2.5	11.5	1.4	172		0.00978	0.0509
MMC-18-06	275.45	276.4	0.95	S00354312	0.5	170	0.5	0.48	229	2.5	15.5	1.6	103		0.00542	0.0119
MMC-18-06	276.4	276.85	0.45	S00354313	8	170	0.5	0.47	219	2.5	14.6	1.6	99		0.00548	0.0169
MMC-18-06	276.85	277.31	0.46	S00354314	1	160	0.5	0.52	253	2.5	16.5	2	104		0.0049	0.0087
MMC-18-06	277.31	278.3	0.99	S00354315	0.5	170	0.5	0.9	226	2.5	21.7	2.3	86		0.00483	0.118
MMC-18-06	278.3	278.89	0.59	S00354316	0.5	180	0.5	0.68	193	2.5	24.6	2.4	96		0.0062	0.196
MMC-18-06	278.89	279.85	0.96	S00354317	1	170	0.5	0.56	257	2.5	18.2	2	91		0.00499	0.0262
MMC-18-06	279.85	280.66	0.81	S00354318	6	170	0.5	0.66	258	2.5	18	2	97		0.00528	0.0307



Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-06	61.87	62.81	0.94	S00354249	0.0009	0.023
MMC-18-06	225.9	226.4	0.5	S00354251	0.0023	0.011
MMC-18-06	228.65	229.68	1.03	S00354252	0.0043	0.012
MMC-18-06	231.87	232.3	0.43	S00354253	0.0046	0.03
MMC-18-06	235.7	236	0.3	S00354254	0.0036	0.449
MMC-18-06	236.45	236.75	0.3	S00354255	0.0026	0.236
MMC-18-06	236.75	237.8	1.05	S00354256	0.0038	0.395
MMC-18-06	237.8	238.44	0.64	S00354257	0.0039	0.298
MMC-18-06	238.44	238.74	0.3	S00354258	0.0032	0.017
MMC-18-06	238.74	239.61	0.87	S00354259	0.0043	0.167
MMC-18-06	241.35	241.65	0.3	S00354261	0.0044	0.01
MMC-18-06	244	245	1	S00354262	0.0078	0.011
MMC-18-06	245	246	1	S00354263	0.0063	0.012
MMC-18-06	246	247	1	S00354264	0.0608	0.096
MMC-18-06	247	247.96	0.96	S00354265	0.218	0.31
MMC-18-06	247.96	248.58	0.62	S00354266	0.171	0.257
MMC-18-06	248.58	249.25	0.67	S00354267	0.239	0.331
MMC-18-06	249.25	250.25	1	S00354269	0.0283	0.0385
MMC-18-06	250.25	251	0.75	S00354271	0.0548	0.097
MMC-18-06	251	251.85	0.85	S00354272	0.0678	0.103
MMC-18-06	251.85	252.36	0.51	S00354273	0.0772	0.124
MMC-18-06	252.36	253.36	1	S00354274	0.182	0.318
MMC-18-06	253.36	253.74	0.38	S00354275	0.302	0.388
MMC-18-06	253.74	254.04	0.3	S00354276	0.313	0.512
MMC-18-06	254.04	254.57	0.53	S00354277	0.5	0.524
MMC-18-06	254.57	254.88	0.31	S00354278	0.494	0.541
MMC-18-06	254.88	255.88	1	S00354281	0.167	0.256
MMC-18-06	255.88	256.88	1	S00354282	0.238	0.548
MMC-18-06	256.88	257.46	0.58	S00354283	0.191	0.433
MMC-18-06	257.46	257.84	0.38	S00354284	0.453	1.366
MMC-18-06	257.84	258.66	0.82	S00354285	0.274	0.672
MMC-18-06	258.66	259.85	1.19	S00354287	0.0329	0.066
MMC-18-06	259.85	260.3	0.45	S00354288	0.105	0.21
MMC-18-06	260.3	260.81	0.51	S00354289	0.183	0.088
MMC-18-06	260.81	261.4	0.59	S00354291	0.0514	0.137
MMC-18-06	261.4	261.85	0.45	S00354292	0.0531	0.122
MMC-18-06	261.85	262.74	0.89	S00354293	0.0327	0.052
MMC-18-06	262.74	263.51	0.77	S00354294	0.0184	0.021
MMC-18-06	263.51	264.15	0.64	S00354295	0.013	0.098
MMC-18-06	264.15	265.09	0.94	S00354296	0.0034	0.0075
MMC-18-06	265.09	265.5	0.41	S00354297	0.0083	0.01
MMC-18-06	265.5	265.68	0.18	S00354298	0.0088	0.0315
MMC-18-06	265.68	266.07	0.39	S00354299	0.0487	0.137
MMC-18-06	266.07	266.77	0.7	S00354301	0.0021	0.006
MMC-18-06	266.77	267.82	1.05	S00354302	0.0012	0.006

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-06	267.82	268.45	0.63	S00354303	0.0109	0.013
MMC-18-06	268.45	269.3	0.85	S00354304	0.0162	0.027
MMC-18-06	269.3	270.72	1.42	S00354305	0.0151	0.026
MMC-18-06	270.72	271.94	1.22	S00354306	0.0589	0.2
MMC-18-06	271.94	273	1.06	S00354307	0.0212	0.077
MMC-18-06	273	274.13	1.13	S00354308	0.0091	0.0105
MMC-18-06	274.13	274.95	0.82	S00354309	0.0118	0.0105
MMC-18-06	274.95	275.45	0.5	S00354311	0.0374	0.072
MMC-18-06	275.45	276.4	0.95	S00354312	0.0146	0.064
MMC-18-06	276.4	276.85	0.45	S00354313	0.0137	0.064
MMC-18-06	276.85	277.31	0.46	S00354314	0.0125	0.03
MMC-18-06	277.31	278.3	0.99	S00354315	0.0076	0.0155
MMC-18-06	278.3	278.89	0.59	S00354316	0.0128	0.027
MMC-18-06	278.89	279.85	0.96	S00354317	0.0143	0.078
MMC-18-06	279.85	280.66	0.81	S00354318	0.0167	0.076

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-07	DD	NQ	Phil/Jacob Bellrose		425	340	425

Hole number	Core Photos	coordinates.Type
MMC-18-07	MMC-18-07_Header_Core Photos_BX_1-4_2.93-20.74_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_21-24_88.10-105.40_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_29-32_122.36-139.90_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_29-32_122.36-139.90_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_33-36_139.90-157.10_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_17-20_70.82-88.10_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_41-44_174.32-191.63_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_17-20_70.82-88.10_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_1-4_2.93-20.74_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_49-52_209.03-226.61_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_45-48_191.63-209.03_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_25-28_105.40-122.36_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_37-40_157.10-174.32_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_25-28_105.40-122.36_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_45-48_191.63-209.03_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_5-8_20.74-37.32_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_53-56_226.61-243.93_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_53-56_226.61-243.93_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_41-44_174.32-191.63_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_49-52_209.03-226.61_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_57-60_243.93-261.22_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_37-40_157.10-174.32_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_13-16_53.80-70.82_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_33-36_139.90-157.10_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_9-12_37.32-53.80_m_MMC-18-07_Dry.JPG   MMC-18-07_Header_Core Photos_BX_13-16_53.80-70.82_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_9-12_37.32-53.80_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_21-24_88.10-105.40_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_5-8_20.74-37.32_m_MMC-18-07_Wet.JPG   MMC-18-07_Header_Core Photos_BX_57-60_243.93-261.22_m_MMC-18-07_Dry.JPG	Planned

Hole number	coordinates.Grid	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting
MMC-18-07	NAD83 / UTM zone 17N	NAD83 / UTM zone 17N	5133805	5133805	436388	436388

Hole number	coordinates.Elevation	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-07	377.55	Exp	Mt	Coreshed	PAT-42274	2018-11-13	2018-11-24

Hole number	Comments
MMC-18-07	diesel spill on core from box 29-36; blocky rubbly core that has been reset from next block in order to make up for discrepancies in meter marks and drill blocks 9.90-10.03; 47.14-47.28; 227.91-228.39;

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-07	2018-11-10	2018-11-20	J & S



Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-07	0	3	Overburden	OB
MMC-18-07	3	9.9	Metasediments	1A
MMC-18-07	9.9	10.03	Lost core	LC
MMC-18-07	10.03	15.31	Metasediments	1A
MMC-18-07	15.31	16.09	Structure	FLT
MMC-18-07	16.09	16.75	Metasediments	1A
MMC-18-07	16.75	17.31	Structure	FLT
MMC-18-07	17.31	38.94	Metasediments	1A
MMC-18-07	38.94	38.96	Structure	FLT
MMC-18-07	38.96	44.76	Metasediments	1A
MMC-18-07	44.76	44.88	Structure	FLT
MMC-18-07	44.88	47.14	Metasediments	1A
MMC-18-07	47.14	47.28	Lost core	LC
MMC-18-07	47.28	53.8	Metasediments	1A
MMC-18-07	53.8	73.28	Metasediments	1A
MMC-18-07	73.28	77.26	Metasediments	1B
MMC-18-07	77.26	93.2	Metasediments	1A
MMC-18-07	93.2	99.82	Metasediments	1C
MMC-18-07	99.82	122.51	Metasediments	1A
MMC-18-07	122.51	140.58	Metasediments	1C
MMC-18-07	140.58	149.67	Metasediments	1A
MMC-18-07	149.67	158.03	Metasediments	1B
MMC-18-07	158.03	182.21	Metasediments	1A
MMC-18-07	182.21	184.43	Structure	SHR
MMC-18-07	184.43	186.38	Metasediments	1A
MMC-18-07	186.38	186.82	Metasediments	1C
MMC-18-07	186.82	209.64	Metasediments	1A
MMC-18-07	209.64	214.13	Metasediments	1C
MMC-18-07	214.13	227.91	Metasediments	1B
MMC-18-07	227.91	228.39	Lost core	LC
MMC-18-07	228.39	249.83	Metasediments	1A
MMC-18-07	249.83	250.02	Structure	FLT
MMC-18-07	250.02	263.83	Metasediments	1C
MMC-18-07	263.83	274.05	Metasediments	1A
MMC-18-07	274.05	276.45	Upper Unit	4D

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-07	276.45	276.46	Structure	FLT
MMC-18-07	276.46	285.39	Upper Unit	4D
MMC-18-07	285.39	289.9	Breccia	MBX
MMC-18-07	289.9	291.14	Metasediments	1A
MMC-18-07	291.14	304.72	Breccia	MBX
MMC-18-07	304.72	310.77	Metasediments	1A
MMC-18-07	310.77	316.68	Upper Unit	4D
MMC-18-07	316.68	319.82	Metasediments	1A
MMC-18-07	319.82	322	Upper Unit	4D

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-07	322	347.09	Lower Unit	3A
MMC-18-07	347.09	347.59	Upper Unit	4B
MMC-18-07	347.59	348.65	Lower Unit	3A
MMC-18-07	348.65	350.45	Upper Unit	4F
MMC-18-07	350.45	360	Lower Unit	3A
MMC-18-07	360	360.66	Upper Unit	4B
MMC-18-07	360.66	360.89	Veining	QV
MMC-18-07	360.89	362.17	Upper Unit	4B
MMC-18-07	362.17	363.33	Lower Unit	3A
MMC-18-07	363.33	367.72	Upper Unit	4B
MMC-18-07	367.72	375.03	Lower Unit	3A
MMC-18-07	375.03	376.25	Upper Unit	4B
MMC-18-07	376.25	379.08	Lower Unit	3A
MMC-18-07	379.08	379.74	Lower Unit	3B
MMC-18-07	379.74	381.48	Lower Unit	3A
MMC-18-07	381.48	383.65	Upper Unit	4B

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)
MMC-18-07	383.65	390.25	Lower Unit	3A
MMC-18-07	390.25	390.84	Structure	SHR
MMC-18-07	390.84	391.31	Veining	QV
MMC-18-07	391.31	408.75	Lower Unit	3A
MMC-18-07	408.75	414.34	Lower Unit	3F
MMC-18-07	414.34	424.99	Lower Unit	3A
MMC-18-07	424.99	425	End of hole	End of hole

Hole ID	From (m)	To (m)	Description (original)
MMC-18-07	0	3	3 m of casing
MMC-18-07	3	9.9	medium-coarse grained gray quartzite with ~70-80% subangular equant quartz grains, ~20-30% mud matrix; inclined bedding; some decimetre scale interbeds of silstone; Py along fractures and bedding planes.
MMC-18-07	9.9	10.03	blocky section with grind at bottom of core
MMC-18-07	10.03	15.31	same gray quartzite as described above.
MMC-18-07	15.31	16.09	pervasively hematite and goethite altered along fractures, bedding planes, and fault gouge.
MMC-18-07	16.09	16.75	same gray quartzite as before.
MMC-18-07	16.75	17.31	fault with iron oxide staining along slip planes, fractures, and fault gouge; dissolution plane with Py and unknown silver metallic (arsenopyrite?).
MMC-18-07	17.31	38.94	same as described above
MMC-18-07	38.94	38.96	thin layer of fault gouge with slip planes and pervasively altered by iron oxides
MMC-18-07	38.96	44.76	same as above
MMC-18-07	44.76	44.88	slip planes pervasively altered by iron oxides with dissolution planes along fractures
MMC-18-07	44.88	47.14	same as above
MMC-18-07	47.14	47.28	blocky shattered core
MMC-18-07	47.28	53.8	same as described above
MMC-18-07	53.8	73.28	same as described above
MMC-18-07	73.28	77.26	fine-grained slst; gray; strongly foliated; consists of rare sand sized quartz and plagioclase feldspar grains<0.5 mm in size, in a mud matrix;
MMC-18-07	77.26	93.2	same as described above
MMC-18-07	93.2	99.82	feldspathic quartzite; silicified clear quartz matrix; ~85-90% silicified quartz matrix; ~10-15% plagioclase and kspar grains, subangular-subrounded, 1-3 mm in size; inclined bedding and crossbedding of heavy mineral laminae in quartzite.
MMC-18-07	99.82	122.51	same as gray quartzite described above
MMC-18-07	122.51	140.58	same feldspathic quartzite as described above
MMC-18-07	140.58	149.67	same gray quartzite as before
MMC-18-07	149.67	158.03	same slst as before, but difficult to tell what rock type it is because of diesel spill.
MMC-18-07	158.03	182.21	same gray quartzite as before with interbeds of slst and feldspathic silicified quartzite; inclined bedding; weak to moderate foliation.
MMC-18-07	182.21	184.43	strong shear with Py along foliation/bedding planes with fault gouge and quartz vein @184.06-184.12 m; sharp sheared upper contact with quartz veins at lower contact.
MMC-18-07	184.43	186.38	same as before
MMC-18-07	186.38	186.82	feldspathic quartzite same as before
MMC-18-07	186.82	209.64	same as before
MMC-18-07	209.64	214.13	white and black bedded feldspathic quartzite similar to other silicified feldspathic quartzite units found in this hole.
MMC-18-07	214.13	227.91	gray silstone same as before; some interbeds of gray quartzite and feldspathic quartzite.
MMC-18-07	227.91	228.39	blocky section with gouge along slip planes and some quartz veins crosscutting through; also fractures with alteration haloes crosscutting quartzite changing it from gray to a brown beige colour.
MMC-18-07	228.39	249.83	same as before
MMC-18-07	249.83	250.02	blocky broken core
MMC-18-07	250.02	263.83	silicified white feldspathic quartzite with some 30-60 cm interbeds of slst and gray quartzite;
MMC-18-07	263.83	274.05	Grey, fine to medium grained, moderately bedded quartzite. Black silty laminae on cm to 10s cm scale. Few arkosic sections up to 45cm and, few arkose beds within quartzite <10cm. Foliation defined by weak mineral alignment. Sharp lower contact.
MMC-18-07	274.05	276.45	Grey to dark green, medium grained massive biotite diorite. No obvious foliation. 0.5cm weak chilled upper contact. Very gradual fining of grain size approaching fault gouge. 55-65% <1mm anhedral to subhedral feldspar, 25-35% anhedral to prismatic <1-1mm amphibole +- pyroxene?, 5-10% ~1mm biotite flecks and trace quartz <1mm. ~10cm of very fine grained and foliated groundmass at lower contact with fault gouge.

Hole ID	From (m)	To (m)	Description (original)
MMC-18-07	276.45	276.46	weak gouge surrounded by 10cm of near aphanitic gabbro
MMC-18-07	276.46	285.39	As above biotite diorite. Fine to very fine grained, massive. Strong foliation begins at ~278.50m to lower contact, defined by mineral alignment and elongation (amphibole+feldspar). Weak chloritized groundmass local to strongest foliations. Weak crackle texture over ~0.75m approaching lower contact.
MMC-18-07	285.39	289.9	Dark green to white magmatic breccia. Diorite host but metasedimentary clast-dominated. Strongly foliated. Quartzite clasts observed with strongly dissolved, irregular boundaries. Strong quartz veining from upper contact to ~288.30m, barren, bull, often strongly fractured and weakly foliated (defined by carbonate fracture infill?). Strong chloritization as fracture infill proximal to quartz veining and throughout gabbroic segments. Parallel fracture set throughout often displays weak alteration halos of pinkish beige mineral +/- chlorite. Flat red hexagonal ~0.75cm mineral observed at end of quartz veining. Poorly defined lower contact (strongly dissolved metasedimentary clast).
MMC-18-07	289.9	291.14	Large quartzite block within magmatic breccia
MMC-18-07	291.14	304.72	Dark green grey, biotite-diorite-hosted magmatic breccia. Moderate foliation defined best defined by biotite alignment/elongation (locally steep and strongest over ~1m from upper contact). Host biotite-diorite very similar to above medium to coarse grained unit from 274.05-276.45m. Biotite content averages ~10% while quartz often 2mm white/blue and up to 2%. Strongly dissolved and irregular metasedimentary clast boundaries, clasts ~3-60cm, ~15% of interval (2m up to 304.72m). Local ~1x5cm elongated, rounded and aligned parallel to foliation quartzite clasts over ~1m from upper contact. Mineralization is hosted within diorite and begins at ~293m and averages up to 0.5% disseminated pyrrhotite >>> chalcopyrite, often associated with feldspar cumulates + quartz eyes. Mineralization also weakly defines foliation.
MMC-18-07	304.72	310.77	M.g., to c.g., patchy white to grey colouring, massive to laminated, silicified sandstone with cut by small gabbro dykelets. overall the whole unit appears to be hornfelsed. Trace po can be seen as isolated grains.  Gabbro dykelets occur across the unit typically at a high angle to ca (>60dtca). They are similar to bounding biotite quartz diorite with f.g., well foliated matrix defined by bt with trace amounts of po throughout. 305.95-306.07m 307.46-307.60m 308.75-309.05m 309.70-309.80m  Lower contact is highly irregular with an approximate trend of 65dtac
MMC-18-07	310.77	316.68	F.g., to m.g., light grey to green, composed of ~60/40 mafic/felsic with mafics being comprised largely of bt with minor amp, and the felsics comprised mostly of plag with rare Qtz (often sub-mm, rounded, blue). Pyrrhotite is finely disseminated across the unit locally forming mats/accretions <1cm in size, ccp is rare but is noted in association with the larger po grains. There is an apparent affiliation of sulfide with more foliated and/or chloritized sections.  From 313.60m on sedimentary clasts are observed both as small <20cm blocks and sections that run parallel to ca.
MMC-18-07	316.68	319.82	Very similar to previous clast of seds at 304m. Patchy white to grey colour, m.g., to c.g., massive to laminated, hornfelsed sandstone. Unit is again cut by gabbro dykelets and overall appears silicified.  318.25-318.59m well foliated gabbro (50dtca) with boudinaged Qtz vns
MMC-18-07	319.82	322	F.-m.g., greenish-grey, massive to weakly foliated, ~60/40 mafic/felsic, consisting of bt (defining fol), amp, plag, and Qtz (listed in decreasing abundance). Matrix is locally green (chloritized?) with sericized sections. Lower contact is gradational with gabbro and poorly defined. It has been defined at the location of a HL alteration vn where the upper portion is v.f.g., and the lower portion is m.-c.g., and similar to typical N. Gab.,

Hole ID	From (m)	To (m)	Description (original)
MMC-18-07	322	347.09	<p>Composition of zone is relatively homogenous with ~70/30 mafic (amp) to felsic (plag) with rare qtz. however, the latter does occur as uncommonly as aggregates associated with coarser plag and higher concentrations of sulfides. Amphiboles are tabular to acicular occurring with interstitial to "flame-like" plagioclase.</p> <p>Pyrrhotite can be seen as trace disseminations throughout the unit and locally aggregates up to 0.5%.</p> <p>Lower contact is gradational with underlying melagabbro</p>
MMC-18-07	347.09	347.59	<p>V.f.g., foliated, and mafic rock with a noticeable lack of plag compared to bounding gabbros. highly mineralized with up 20% net-textured and strongly foliated po with 1-2mm pent eyes and local accumulations of cp.</p> <p>Lower contact is gradational with gabbro and defined by appearance of plag.</p>
MMC-18-07	347.59	348.65	<p>Very similar to previous unit. Lower contact is sharp and defined by a hairline alteration vein afterwhich there is little to no plag and the appearance of rock fragments.</p>
MMC-18-07	348.65	350.45	<p>V.f.g., black, matrix with local pods bearing flame-like plag. 1-5mm rounded, blue to white qtz grains are seen commonly throughout along with rare obvious rock fragments. Sulfides are common up to 20%.</p> <p>Lower contact is poorly defined and gradational</p>
MMC-18-07	350.45	360	<p>M.-c.g., greenish-grey to blue, contains tabular amp, interstitial to flame-like plag. Mafic to felsic ratio is again ~60/40, sulfides are disseminated in trace amounts throughout with local blebby zones of up to 5% over 30-50cm.</p>
MMC-18-07	360	360.66	<p>V.f.g., dark greenish grey to black matrix composed of ~70 amps with a minor plag component. overall matrix appears to have chloritized.</p>
MMC-18-07	360.66	360.89	<p>Massive bull qtz</p>
MMC-18-07	360.89	362.17	<p>V.f.g., dark greenish grey to black matrix composed of ~70 amps with a minor plag component. overall matrix appears to have chloritized.</p> <p>Unmineralized except for trace sulfides at bottom contact</p>
MMC-18-07	362.17	363.33	<p>M.-c.g., greenish-grey to blue, contains tabular amp, interstitial to flame-like plag. Mafic to felsic ratio is again ~60/40</p>
MMC-18-07	363.33	367.72	<p>V.f.g., dark greenish grey to black matrix composed of ~70 amps with a minor plag component. overall matrix appears to have chloritized. Rare fragments occur throughout (maybe 1 fragment every 1.5-2m). Trace sulfides across the zone, generally occurring as discrete mats</p>
MMC-18-07	367.72	375.03	<p>M.-c.g., blue to grey with green tints, plag content up to 40% and occurs as tabular-interstitial-flame-like, with abundant amp that are generally more euhedral and acicular.</p> <p>Upper contat has a &lt;30cm pegmatitic zone associated with up to 0.5% pocp</p> <p>Occasionally the unit shows, v.f.g., zones that are similar to melagabbro, however they are short intervals that essential fade in and out with the main gabbroic texture.</p> <p>Lower contact is poorly defined and gradational</p>
MMC-18-07	375.03	376.25	<p>V.f.g., dark green to grey, well foliated in upper portion and banded in lower portion. Main unit looks similar to those above.</p>
MMC-18-07	376.25	379.08	<p>Similar to previous gabbro units. However this unit is a lighter blue to grey and not as green as previous units.</p>
MMC-18-07	379.08	379.74	<p>Same as bounding unit but pegmatitic. amphiboles in some spots are over 3cm long with large plag and rounded qtz grains. *Note that this unit contains qtz (bounding do not) and also contains noticeably higher sulf than bounding rocks.</p>
MMC-18-07	379.74	381.48	<p>Similar to previous gabbro units. However this unit is a lighter blue to grey and not as green as previous units.</p>
MMC-18-07	381.48	383.65	<p>V.f.g., dark green to grey, and similar to units above. Lower meter or so of unit is marked by qtz-carb vns and net-textured to semi-massive sulfides.</p>

Hole ID	From (m)	To (m)	Description (original)
MMC-18-07	383.65	390.25	M.-c.g., light grey to green/blue, composed of 60/40 (mafic/felsic). Amphiboles are sub to euhedral forming mm acicular to tabular grains, while the plag is interstitial to flame-like.  385.44-385.77m small zone of melagabbro with rare fragments. Mineralization is associated with the zone and occurs both along outside, immediately along contacts, and trace amounts within.
MMC-18-07	390.25	390.84	Same lithology as proceeding. However the unit has very well developed foliation with an S-C fabric (rotation suggest downhole moved upwards; likely compatible with observed shears and faults on surface that indicate reverse Northblock up movement - speculative and needs confirmation). Main fabric is sub-parallel to ca, second (S-fabric) is 20-30dtca
MMC-18-07	390.84	391.31	massive, white, bull qtz at ~15dtca.
MMC-18-07	391.31	408.75	Similar to previous unit. M.-c.g., light grey to green/blue, composed of 60/40 (mafic/felsic). Amphiboles are sub to euhedral forming mm acicular to tabular grains, while the plag is interstitial to flame-like.
MMC-18-07	408.75	414.34	F.-m.g., dark blue/grey to black, composed of >70% mafics (amp after px?) minor plag (10%) and the rest made of matrix. Chlorite is common throughout, giving the unit a green tint, amp are sub-hedral and stubby, while plag grains are <2mm and very rounded to interstitial. Trace sulfides are disseminated throughout and composed of po>>cp  If the plag content wasn't so low the unit would be very similar to f.g., N. Gab.  Contacts of unit are very gradational and defined along fractures/alteration planes
MMC-18-07	414.34	424.99	Similar to previous unit. M.-c.g., light grey to green/blue, composed of 60/40 (mafic/felsic). Amphiboles are sub to euhedral forming mm acicular to tabular grains, while the plag is interstitial to flame-like.  Locally grain size variations give the unit the appearance of the pyxt listed above.
MMC-18-07	424.99	425	



Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB	Pt_PPB
MMC-18-07	16.75	17.17	0.42	S00355158	Original	arsenopyrite in dissolution plane along near fault	1.027	63	5
MMC-18-07	78.67	78.97	0.3	S00355159	Original	vein with quartz, tourmaline, ksp, Py	0.73	0.5	5
MMC-18-07	97.61	98.19	0.58	S00355161	Original	qtz vein sub-parallel to core axis with Po grains	1.241	16	5
MMC-18-07	292	292.85	0.85	S00355162	Original	Shoulder sample	2.109	0.5	5
MMC-18-07	292.85	293.15	0.3	S00355163	Original	Tr diss po and mtd clast (barren)	0.659	0.5	5
MMC-18-07	293.15	294.07	0.92	S00355164	Original	Tr-0.25% diss po >>>ccp	2.236	0.5	5
MMC-18-07	294.07	294.4	0.33	S00355165	Original	mtsd clast + ~5cm of diorite with tr diss po	0.64	0.5	5
MMC-18-07	294.4	294.81	0.41	S00355166	Original	0.5% diss po>ccp	0.989	0.5	5
MMC-18-07	294.81	295.66	0.85	S00355167	Original	Tr diss po>>>ccp	2.017	0.5	5
MMC-18-07	295.66	296.5	0.84	S00355168	Original	mtsd classt	1.758	0.5	5
MMC-18-07	296.5	297	0.5	S00355169	Original	0.25-0.5% diss po>>ccp	1.174	0.5	5
MMC-18-07	297	298.22	1.22	S00355171	Original	Tr diss po	2.928	0.5	5
MMC-18-07	298.22	298.65	0.43	S00355172	Original	>Chlorite and mtd clast	0.951	0.5	5
MMC-18-07	298.65	298.95	0.3	S00355173	Original	Tr diss po	0.801	0.5	5
MMC-18-07	298.95	299.82	0.87	S00355174	Original	0.5% diss po>ccp	2.205	1	5
MMC-18-07	299.82	300.46	0.64	S00355175	Original	mtsd + tr diss po in diorite	1.604	0.5	5
MMC-18-07	300.46	301.49	1.03	S00355176	Original	~1% diss po>ccp to po=ccp associated with quartz eyes	2.39	0.5	5
MMC-18-07	301.49	302.25	0.76	S00355177	Original	Tr diss po	1.672	0.5	5
MMC-18-07	302.25	303.25	1	S00355178	Original	0.25% diss po>>ccp with feldspar cumulates	2.339	0.5	5
MMC-18-07	303.25	304.1	0.85	S00355179	Original	Tr-0.5% diss po>>ccp with feldspar cumulates and wispy carbonate	0.895	1	5
MMC-18-07	304.1	305.29	1.19	S00355181	Original		2.545	0.5	5
MMC-18-07	305.29	306.27	0.98	S00355182	Original		2.322	0.5	5
MMC-18-07	306.27	307.52	1.25	S00355183	Original		2.697	0.5	5
MMC-18-07	307.52	308.65	1.13	S00355184	Original		2.618	0.5	5
MMC-18-07	308.65	309.87	1.22	S00355185	Original		2.797	0.5	5
MMC-18-07	309.87	310.82	0.95	S00355186	Original		2.235	0.5	5
MMC-18-07	310.82	311.91	1.09	S00355187	Original	0.5% diss	2.61	2	5
MMC-18-07	311.91	312.97	1.06	S00355188	Original	0.5.% diss	2.544	1	5
MMC-18-07	312.97	313.63	0.66	S00355189	Original	0.5% diss	1.532	0.5	5
MMC-18-07	313.63	314.11	0.48	S00355191	Original	trace sul	1.065	0.5	5
MMC-18-07	314.11	315.09	0.98	S00355192	Original	0.75% sul in shear	2.209	0.5	5
MMC-18-07	315.09	316.23	1.14	S00355193	Original	up to 0.5%	2.626	2	5
MMC-18-07	316.23	316.75	0.52	S00355194	Original	dead	1.177	0.5	5
MMC-18-07	316.75	318.25	1.5	S00355195	Original	sed	3.348	1	5
MMC-18-07	318.25	318.55	0.3	S00355196	Original	co inc	0.674	6	10
MMC-18-07	318.55	319.82	1.27	S00355197	Original	sed	3.113	0.5	5
MMC-18-07	319.82	320.7	0.88	S00355198	Original	trace sul	2.187	0.5	5
MMC-18-07	320.7	321	0.3	S00355199	Original	0.5% sul	0.719	3	5
MMC-18-07	321	321.99	0.99	S00355201	Original	tr sul	2.359	0.5	5
MMC-18-07	321.99	323.08	1.09	S00355202	Original	continuity	2.628	0.5	5
MMC-18-07	323.08	324	0.92	S00355203	Original	continuity	2.325	2	5
MMC-18-07	324	325.1	1.1	S00355204	Original	continuity	2.833	5	5
MMC-18-07	325.1	325.42	0.32	S00355205	Original	2% po in alt vn	0.806	1	5
MMC-18-07	325.42	326.55	1.13	S00355206	Original	continuity 0.25% sul	2.811	1	5
MMC-18-07	326.55	326.89	0.34	S00355207	Original	continuity	0.795	0.5	5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB	Pt_PPB
MMC-18-07	326.89	327.26	0.37	S00355208	Original	cp in qtz	0.939	4	5
MMC-18-07	327.26	328.07	0.81	S00355211	Original	0.5% sul	1.991	0.5	5
MMC-18-07	328.07	328.69	0.62	S00355212	Original	tr sul	1.533	0.5	5
MMC-18-07	328.69	329.49	0.8	S00355213	Original		2.084	0.5	5
MMC-18-07	329.49	330.41	0.92	S00355214	Original	0.5% sul	2.299	0.5	5
MMC-18-07	330.41	331.39	0.98	S00355215	Original	continuity	2.433	0.5	5
MMC-18-07	331.39	332.09	0.7	S00355216	Original	0.5% sul	1.679	0.5	5
MMC-18-07	332.09	332.96	0.87	S00355217	Original	continuity	2.139	0.5	5
MMC-18-07	332.96	333.88	0.92	S00355218	Original		2.2	0.5	5
MMC-18-07	333.88	335	1.12	S00355219	Original	0.5% sul	2.764	0.5	5
MMC-18-07	335	336	1	S00355221	Original	0.01% sul	2.476	0.5	5
MMC-18-07	336	337.48	1.48	S00355222	Original	continuity	3.635	0.5	5
MMC-18-07	337.48	338.07	0.59	S00355223	Original	continuty	1.41	0.5	5
MMC-18-07	338.07	338.74	0.67	S00355224	Original	1% sul in qtz	1.978	2	5
MMC-18-07	338.74	339.75	1.01	S00355226	Original	0.5% sul	2.139	1	5
MMC-18-07	339.75	340.15	0.4	S00355227	Original	trace po	0.976	0.5	5
MMC-18-07	340.15	340.74	0.59	S00355228	Original		1.68	0.5	5
MMC-18-07	340.74	341.72	0.98	S00355229	Original		0.431	4	5
MMC-18-07	341.72	342.34	0.62	S00355231	Original	sul in qtz vein	3.184	0.5	5
MMC-18-07	342.34	343.33	0.99	S00355232	Original	sul iln qtz vein	2.414	0.5	5
MMC-18-07	343.33	344.71	1.38	S00355233	Original	trace sul	3.476	0.5	5
MMC-18-07	344.71	345.47	0.76	S00355234	Original	qtz vein	1.775	0.5	5
MMC-18-07	345.47	346.59	1.12	S00355235	Original	shoulder	2.61	0.5	5
MMC-18-07	346.59	347.09	0.5	S00355236	Original	5% po	1.14	0.5	5
MMC-18-07	347.09	347.59	0.5	S00355237	Original	20% net to fol controlled	1.309	148	460
MMC-18-07	347.59	347.97	0.38	S00355238	Original	continuity	0.915	0.5	5
MMC-18-07	347.97	348.36	0.39	S00355239	Original	15% sul	0.962	46	150
MMC-18-07	348.36	348.66	0.3	S00355241	Original	3% sul	0.694	36	30
MMC-18-07	348.66	349.01	0.35	S00355242	Original	10% sul	0.903	98	220
MMC-18-07	349.01	349.5	0.49	S00355243	Original	3% sul	1.144	41	60
MMC-18-07	349.5	350.22	0.72	S00355244	Original	7% sul	1.759	90	170
MMC-18-07	350.22	350.77	0.55	S00355246	Original	20% sul straddles a contact	1.334	149	280
MMC-18-07	350.77	352.13	1.36	S00355247	Original	dead zone	3.186	4	5
MMC-18-07	352.13	353.29	1.16	S00355248	Original	5% sul	2.794	61	80
MMC-18-07	353.29	353.83	0.54	S00355249	Original		1.242	5	10
MMC-18-07	353.83	354.63	0.8	S00355251	Original	2% sul	1.879	45	80
MMC-18-07	354.63	355.63	1	S00355252	Original	trace	2.394	9	5
MMC-18-07	355.63	356.58	0.95	S00355253	Original	trace	2.245	0.5	5
MMC-18-07	356.58	357.08	0.5	S00355254	Original	5% sul	1.162	38	70
MMC-18-07	357.08	357.93	0.85	S00355255	Original	1% sul	2.027	26	70
MMC-18-07	357.93	359.13	1.2	S00355256	Original	trace	2.92	0.5	5
MMC-18-07	359.13	360.02	0.89	S00355257	Original	trace	2.068	7	10
MMC-18-07	360.02	360.58	0.56	S00355258	Original	trace	1.277	0.5	5
MMC-18-07	360.58	360.96	0.38	S00355259	Original	qtz vein	0.833	0.5	5
MMC-18-07	360.96	362.15	1.19	S00355261	Original	continuity	2.728	0.5	5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB	Pt_PPB
MMC-18-07	362.15	363.39	1.24	S00355262	Original	continuity	2.895	0.5	5
MMC-18-07	363.39	364.29	0.9	S00355263	Original	trace	2.174	0.5	10
MMC-18-07	364.29	365.14	0.85	S00355264	Original	0.5% sul	1.977	0.5	10
MMC-18-07	365.14	365.52	0.38	S00355265	Original	0.5% sul	1.132	1	5
MMC-18-07	365.52	366.55	1.03	S00355266	Original	continuity	2.432	2	10
MMC-18-07	366.55	367.33	0.78	S00355267	Original	continuity	2.014	0.5	10
MMC-18-07	367.33	367.69	0.36	S00355268	Original	trace cp	0.88	4	10
MMC-18-07	367.69	368.12	0.43	S00355269	Original	1% pocp	1.009	0.5	5
MMC-18-07	368.12	368.98	0.86	S00355271	Original		2.128	2	10
MMC-18-07	368.98	370.23	1.25	S00355272	Original		3.063	2	10
MMC-18-07	370.23	370.97	0.74	S00355273	Original		1.839	2	10
MMC-18-07	370.97	371.65	0.68	S00355274	Original		1.695	2	5
MMC-18-07	371.65	372.88	1.23	S00355275	Original		3.005	2	10
MMC-18-07	372.88	373.45	0.57	S00355276	Original		1.366	3	10
MMC-18-07	373.45	374.67	1.22	S00355277	Original	trace sul	2.754	4	20
MMC-18-07	374.67	375.33	0.66	S00355278	Original		1.628	1	10
MMC-18-07	375.33	375.69	0.36	S00355279	Original	trace sul	0.416	3	10
MMC-18-07	375.69	376.42	0.73	S00355281	Original	5% sul	2.007	14	110
MMC-18-07	376.42	377.21	0.79	S00355282	Original		1.77	1	5
MMC-18-07	377.21	378.24	1.03	S00355283	Original		2.614	2	20
MMC-18-07	378.24	378.96	0.72	S00355284	Original		1.774	1	5
MMC-18-07	378.96	379.83	0.87	S00355285	Original	peg with 2% sul	2.017	3	5
MMC-18-07	379.83	380.66	0.83	S00355286	Original		2.264	0.5	5
MMC-18-07	380.66	381.48	0.82	S00355287	Original		1.972	0.5	5
MMC-18-07	381.48	382.51	1.03	S00355288	Original		2.554	2	5
MMC-18-07	382.51	383.17	0.66	S00355289	Original	5% sul	1.59	10	20
MMC-18-07	383.17	383.73	0.56	S00355291	Original	25% sul	1.485	2	100
MMC-18-07	383.73	384.85	1.12	S00355293	Original		2.725	0.5	5
MMC-18-07	384.85	385.75	0.9	S00355294	Original	0.02	2.281	20	60
MMC-18-07	385.75	386.88	1.13	S00355295	Original		2.777	0.5	5
MMC-18-07	386.88	388.03	1.15	S00355296	Original		2.757	0.5	5
MMC-18-07	388.03	389.44	1.41	S00355297	Original		3.52	2	5
MMC-18-07	389.44	390.14	0.7	S00355298	Original		1.669	3	5
MMC-18-07	390.14	390.89	0.75	S00355299	Original	shear zone	1.813	1	5
MMC-18-07	390.89	391.31	0.42	S00355301	Original	qtz vein	0.923	0.5	5
MMC-18-07	391.31	392.23	0.92	S00355302	Original		2.218	3	5
MMC-18-07	392.23	393.66	1.43	S00355303	Original		3.556	2	5
MMC-18-07	393.66	394.81	1.15	S00355304	Original		2.72	1	10
MMC-18-07	394.81	395.44	0.63	S00355305	Original	0.5% sul	1.537	6	30
MMC-18-07	395.44	396.36	0.92	S00355306	Original		2.245	4	30
MMC-18-07	402.05	402.66	0.61	S00355307	Original	trace po in alt veins	1.488	1	5
MMC-18-07	402.66	403.29	0.63	S00355308	Original	trace	1.584	4	5
MMC-18-07	403.29	403.95	0.66	S00355309	Original	qtz vein	1.513	0.5	5
MMC-18-07	409.14	410	0.86	S00355311	Original	1% diss	2.124	42	90
MMC-18-07	414.85	415.18	0.33	S00355312	Original	Strange dol vein	0.843	0.5	10

Hole number	From	To	LENGTH	Sample Number	Pd_PPB	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-07	16.75	17.17	0.42	S00355158	1	0.5	5.5	3550	460	1	3.9	0.05	0.1	29.2	79	1
MMC-18-07	78.67	78.97	0.3	S00355159	1	0.5	8.71	15	640	2	1.6	0.05	0.1	12.8	253	1.6
MMC-18-07	97.61	98.19	0.58	S00355161	0.5	0.5	1.28	8	130	0.5	0.7	0.05	0.2	3.5	41	0.2
MMC-18-07	292	292.85	0.85	S00355162	4	0.5	9.27	17	650	2	0.05	1.1	0.1	32.2	223	3.4
MMC-18-07	292.85	293.15	0.3	S00355163	3	0.5	7.99	9	460	2	0.05	1.5	0.1	25.5	203	1.4
MMC-18-07	293.15	294.07	0.92	S00355164	5	0.5	9.33	19	550	2	0.1	1.7	0.1	35.2	238	1.4
MMC-18-07	294.07	294.4	0.33	S00355165	3	0.5	5.2	37	360	1	0.1	0.8	0.1	19	133	0.8
MMC-18-07	294.4	294.81	0.41	S00355166	8	0.5	9.34	13	470	2	0.2	2.2	0.1	43.4	281	1.3
MMC-18-07	294.81	295.66	0.85	S00355167	5	0.5	9.27	15	510	2	0.2	2.2	0.1	34.9	283	1.4
MMC-18-07	295.66	296.5	0.84	S00355168	1	0.5	2.95	1.5	140	0.5	0.05	0.5	0.1	6.5	67	0.4
MMC-18-07	296.5	297	0.5	S00355169	9	0.5	8.87	21	430	2	0.3	1.9	0.1	47	287	1.2
MMC-18-07	297	298.22	1.22	S00355171	7	0.5	9.26	27	530	2	0.2	1.5	0.1	39.2	256	1.2
MMC-18-07	298.22	298.65	0.43	S00355172	2	0.5	5.54	6	360	1	0.05	0.9	0.1	13.9	110	0.8
MMC-18-07	298.65	298.95	0.3	S00355173	4	0.5	8.36	9	530	1	0.1	1.4	0.1	30.8	195	1
MMC-18-07	298.95	299.82	0.87	S00355174	9	0.5	9.08	16	460	2	0.3	2.3	0.1	49.3	285	1.1
MMC-18-07	299.82	300.46	0.64	S00355175	4	0.5	4.99	6	220	1	0.1	1	0.1	19.8	137	0.7
MMC-18-07	300.46	301.49	1.03	S00355176	6	0.5	8.53	14	430	2	0.2	2.2	0.6	36.5	266	1.1
MMC-18-07	301.49	302.25	0.76	S00355177	6	0.5	9.17	12	580	2	0.2	1.6	0.1	41.7	258	1.2
MMC-18-07	302.25	303.25	1	S00355178	5	0.5	8.87	6	520	2	0.2	1.9	0.1	33.3	258	1.2
MMC-18-07	303.25	304.1	0.85	S00355179	5	0.5	8.94	14	630	2	0.2	1.3	0.1	38.8	234	1.5
MMC-18-07	304.1	305.29	1.19	S00355181	0.5	0.5	4.39	1.5	250	0.5	0.05	0.4	0.1	6.5	70	0.7
MMC-18-07	305.29	306.27	0.98	S00355182	0.5	0.5	3.99	14	190	0.5	0.05	0.4	0.1	7.1	97	0.4
MMC-18-07	306.27	307.52	1.25	S00355183	0.5	0.5	1.78	1.5	80	0.5	0.05	0.3	0.1	2.9	75	0.1
MMC-18-07	307.52	308.65	1.13	S00355184	1	0.5	3.71	5	180	0.5	0.05	0.7	0.1	9.6	82	0.3
MMC-18-07	308.65	309.87	1.22	S00355185	2	0.5	4.79	1.5	410	0.5	0.05	0.4	0.1	10.3	116	0.5
MMC-18-07	309.87	310.82	0.95	S00355186	1	0.5	3.18	7	130	0.5	0.05	0.5	0.1	7.4	72	0.3
MMC-18-07	310.82	311.91	1.09	S00355187	10	0.5	9.51	15	690	2	0.2	1.6	0.1	43.4	324	2
MMC-18-07	311.91	312.97	1.06	S00355188	8	0.5	9.51	17	550	2	0.2	2.5	0.1	45.9	310	1.4
MMC-18-07	312.97	313.63	0.66	S00355189	6	0.5	9.43	9	680	2	0.2	2	0.1	33.5	284	1.3
MMC-18-07	313.63	314.11	0.48	S00355191	2	0.5	6.02	31	510	1	0.2	1.1	0.1	21.9	181	0.7
MMC-18-07	314.11	315.09	0.98	S00355192	6	0.5	8.21	64	780	2	0.3	1.2	0.1	43.9	261	1.3
MMC-18-07	315.09	316.23	1.14	S00355193	5	0.5	7.66	14	630	1	0.1	1.4	0.1	30.6	248	1.4
MMC-18-07	316.23	316.75	0.52	S00355194	3	0.5	8.04	12	600	1	0.1	1.5	0.1	25.9	208	1.1
MMC-18-07	316.75	318.25	1.5	S00355195	0.5	0.5	2.91	10	70	0.5	0.05	0.3	0.1	6.5	54	0.1
MMC-18-07	318.25	318.55	0.3	S00355196	13	0.5	9.62	43	730	1	0.2	1.3	0.1	48.2	411	1
MMC-18-07	318.55	319.82	1.27	S00355197	2	0.5	3.57	21	150	0.5	0.05	0.5	0.1	14.3	89	0.3
MMC-18-07	319.82	320.7	0.88	S00355198	5	0.5	8.88	11	500	2	0.2	2	0.1	29.6	257	1
MMC-18-07	320.7	321	0.3	S00355199	8	0.5	8.62	18	410	2	0.3	2.1	0.1	45.7	253	1.1
MMC-18-07	321	321.99	0.99	S00355201	6	0.5	10.4	33	630	2	0.4	2.8	0.1	40.2	307	2
MMC-18-07	321.99	323.08	1.09	S00355202	5	0.5	9.62	15	550	2	0.2	3.2	0.1	32.1	294	2.8
MMC-18-07	323.08	324	0.92	S00355203	9	0.5	9.83	36	470	2	0.2	3	0.1	44.7	305	2.3
MMC-18-07	324	325.1	1.1	S00355204	6	0.5	9.73	21	470	2	0.2	3.1	0.1	35.9	356	2.1
MMC-18-07	325.1	325.42	0.32	S00355205	5	0.5	9.57	12	210	2	0.2	4	0.1	33.1	303	1.7
MMC-18-07	325.42	326.55	1.13	S00355206	5	0.5	9.03	7	400	2	0.2	3.1	0.1	30.9	298	2.2
MMC-18-07	326.55	326.89	0.34	S00355207	9	0.5	8.15	28	450	1	0.3	3.1	0.1	54.8	265	6.4

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MMC-18-07	326.89	327.26	0.37	S00355208	7	0.5	6.58	6	480	1	0.3	2.4	0.2	35.7	219	7
MMC-18-07	327.26	328.07	0.81	S00355211	6	0.5	8.14	4	340	1	0.2	3.9	0.1	40.8	285	4.2
MMC-18-07	328.07	328.69	0.62	S00355212	2	0.5	8.14	1.5	320	2	0.1	3.6	0.1	37.3	112	3.8
MMC-18-07	328.69	329.49	0.8	S00355213	0.5	0.5	8.06	1.5	280	2	0.05	4	0.1	34	89	3.9
MMC-18-07	329.49	330.41	0.92	S00355214	2	0.5	8.43	3	350	1	0.1	5.2	0.1	41.9	86	4.8
MMC-18-07	330.41	331.39	0.98	S00355215	2	0.5	8.62	3	350	2	0.1	5	0.1	40	94	4.2
MMC-18-07	331.39	332.09	0.7	S00355216	3	0.5	7.94	5	340	1	0.1	4.3	0.1	37.6	127	3.8
MMC-18-07	332.09	332.96	0.87	S00355217	2	0.5	7.74	5	380	2	0.1	4.7	0.1	41.3	70	4.1
MMC-18-07	332.96	333.88	0.92	S00355218	4	0.5	8.63	34	370	2	0.2	4.7	0.1	49.7	173	3.7
MMC-18-07	333.88	335	1.12	S00355219	4	0.5	8.1	9	310	2	0.2	4.5	0.1	41.5	143	3.8
MMC-18-07	335	336	1	S00355221	2	0.5	8.21	3	400	1	0.2	4.2	0.1	37.7	88	4.7
MMC-18-07	336	337.48	1.48	S00355222	2	0.5	8.38	3	400	2	0.2	5.2	0.1	43	81	4.7
MMC-18-07	337.48	338.07	0.59	S00355223	1	0.5	8.08	1.5	410	1	0.2	4.2	0.1	38	72	5.3
MMC-18-07	338.07	338.74	0.67	S00355224	2	0.5	7.83	1.5	360	1	0.2	4.1	0.2	68.9	74	4
MMC-18-07	338.74	339.75	1.01	S00355226	1	0.5	8.01	1.5	370	2	0.2	4.2	0.1	34.9	78	4.3
MMC-18-07	339.75	340.15	0.4	S00355227	1	0.5	7.48	3	430	2	0.2	4	0.1	34.2	60	4.8
MMC-18-07	340.15	340.74	0.59	S00355228	0.5	0.5	7.25	4	280	1	0.2	3.5	0.1	32.9	68	3.2
MMC-18-07	340.74	341.72	0.98	S00355229	1	0.5	8.24	4	340	1	0.2	4.1	0.1	36.5	73	4.2
MMC-18-07	341.72	342.34	0.62	S00355231	0.5	0.5	5.62	1.5	190	1	0.1	3	0.1	21.9	44	1
MMC-18-07	342.34	343.33	0.99	S00355232	1	0.5	7.39	1.5	190	1	0.2	3.9	0.1	27.5	67	2.1
MMC-18-07	343.33	344.71	1.38	S00355233	1	0.5	9.01	3	330	2	0.1	4.8	0.1	36.2	73	3.7
MMC-18-07	344.71	345.47	0.76	S00355234	1	0.5	8.07	1.5	200	2	0.1	4.6	0.1	29	80	2.3
MMC-18-07	345.47	346.59	1.12	S00355235	2	0.5	8.84	3	250	2	0.1	5.2	0.1	37.5	83	3.1
MMC-18-07	346.59	347.09	0.5	S00355236	4	0.5	8.4	1.5	240	1	0.2	3.6	0.1	45	76	3.8
MMC-18-07	347.09	347.59	0.5	S00355237	186	0.5	6.03	57	280	0.5	8.6	3.1	0.1	434	154	4
MMC-18-07	347.59	347.97	0.38	S00355238	3	0.5	8.27	1.5	290	1	0.3	4.6	0.1	49.4	123	3.9
MMC-18-07	347.97	348.36	0.39	S00355239	118	0.5	7.83	41	250	1	3.9	3.7	0.1	319	162	3.1
MMC-18-07	348.36	348.66	0.3	S00355241	28	0.5	8.61	11	290	1	0.7	4.2	0.1	74.5	173	3.7
MMC-18-07	348.66	349.01	0.35	S00355242	231	0.5	7.74	150	250	1	5.4	4.1	0.1	293	235	3.4
MMC-18-07	349.01	349.5	0.49	S00355243	85	0.5	7.99	28	270	1	2	4.4	0.1	115	219	3.7
MMC-18-07	349.5	350.22	0.72	S00355244	139	0.5	7.49	40	260	1	4.1	3.8	0.1	181	261	3.6
MMC-18-07	350.22	350.77	0.55	S00355246	122	0.5	7.14	14	130	1	4.6	5.1	0.1	331	159	1.7
MMC-18-07	350.77	352.13	1.36	S00355247	4	0.5	9.34	6	250	1	0.5	5.6	0.1	57.2	79	3.3
MMC-18-07	352.13	353.29	1.16	S00355248	79	0.5	8.32	16	230	1	2.9	5.2	0.1	104	85	2.6
MMC-18-07	353.29	353.83	0.54	S00355249	10	0.5	8.54	1.5	260	1	0.7	5.2	0.1	47.4	81	2.6
MMC-18-07	353.83	354.63	0.8	S00355251	77	0.5	8.07	11	290	1	2.4	5	0.1	77.5	78	3
MMC-18-07	354.63	355.63	1	S00355252	6	0.5	8.54	3	200	0.5	0.2	5.6	0.1	56.5	105	2.3
MMC-18-07	355.63	356.58	0.95	S00355253	4	0.5	8.86	3	160	0.5	0.3	5.8	0.1	52.5	122	1.8
MMC-18-07	356.58	357.08	0.5	S00355254	90	0.5	9.31	33	130	0.5	1.9	5.9	0.1	90	73	1.1
MMC-18-07	357.08	357.93	0.85	S00355255	39	0.5	9.81	9	190	1	1.6	6.4	0.1	70.9	67	2
MMC-18-07	357.93	359.13	1.2	S00355256	5	0.5	9.68	6	230	0.5	0.2	6	0.1	59.5	108	2.3
MMC-18-07	359.13	360.02	0.89	S00355257	11	0.5	9.04	6	220	0.5	0.2	5.9	0.1	53.1	105	1.8
MMC-18-07	360.02	360.58	0.56	S00355258	7	0.5	8.87	6	230	1	0.2	5	0.1	51.5	124	2.2
MMC-18-07	360.58	360.96	0.38	S00355259	3	0.5	3.69	3	120	0.5	0.05	2.5	0.1	19.7	60	0.9
MMC-18-07	360.96	362.15	1.19	S00355261	9	0.5	7.34	1.5	180	0.5	0.2	5	0.1	52.1	153	2.8

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MMC-18-07	362.15	363.39	1.24	S00355262	7	0.5	8.19	4	200	0.5	0.2	5.1	0.1	51	141	2.6
MMC-18-07	363.39	364.29	0.9	S00355263	11	0.5	8.01	4	160	0.5	0.2	5.2	0.1	55.4	190	2
MMC-18-07	364.29	365.14	0.85	S00355264	11	0.5	7.8	8	140	0.5	0.2	5.6	0.1	60.8	143	2.1
MMC-18-07	365.14	365.52	0.38	S00355265	8	0.5	7.99	8	210	0.5	0.2	5.6	0.1	56.6	82	3.1
MMC-18-07	365.52	366.55	1.03	S00355266	8	0.5	7.69	4	190	0.5	0.2	5.8	0.1	57.3	80	2.7
MMC-18-07	366.55	367.33	0.78	S00355267	9	0.5	7.56	7	110	0.5	0.2	6.2	0.1	56.1	93	1.2
MMC-18-07	367.33	367.69	0.36	S00355268	13	0.5	7.13	4	160	0.5	0.2	5.7	0.2	62.7	100	2.9
MMC-18-07	367.69	368.12	0.43	S00355269	3	0.5	7.23	6	130	0.5	0.2	5.5	0.1	55	78	1.8
MMC-18-07	368.12	368.98	0.86	S00355271	26	0.5	7.64	5	190	0.5	0.2	6.1	0.1	57.2	100	2.9
MMC-18-07	368.98	370.23	1.25	S00355272	32	0.5	7.38	4	160	0.5	0.2	6.3	0.1	58.5	102	2.4
MMC-18-07	370.23	370.97	0.74	S00355273	26	0.5	7.91	6	190	0.5	0.2	6.1	0.1	57.1	97	2.9
MMC-18-07	370.97	371.65	0.68	S00355274	26	0.5	7.39	9	130	0.5	0.3	6.9	0.1	52.9	95	2.4
MMC-18-07	371.65	372.88	1.23	S00355275	29	0.5	7.53	7	170	0.5	0.2	5.8	0.1	56.2	91	3.3
MMC-18-07	372.88	373.45	0.57	S00355276	29	0.5	7.36	11	150	0.5	0.2	5.4	0.1	57.2	67	3.8
MMC-18-07	373.45	374.67	1.22	S00355277	38	0.5	7.16	14	140	0.5	0.1	6.3	0.3	56.1	57	3.2
MMC-18-07	374.67	375.33	0.66	S00355278	29	0.5	7.62	4	170	0.5	0.1	6	0.1	55.1	61	3.5
MMC-18-07	375.33	375.69	0.36	S00355279	31	0.5	7.69	4	250	0.5	0.2	4.7	0.2	55.1	51	6
MMC-18-07	375.69	376.42	0.73	S00355281	57	0.5	6.87	34	110	0.5	0.3	8	0.5	101	38	1.7
MMC-18-07	376.42	377.21	0.79	S00355282	6	0.5	7.58	5	190	0.5	0.1	6.3	0.1	47.7	31	2.3
MMC-18-07	377.21	378.24	1.03	S00355283	12	0.5	8.29	9	270	0.5	0.2	5.8	0.2	47.4	62	2.9
MMC-18-07	378.24	378.96	0.72	S00355284	3	0.5	9.21	4	260	1	0.2	4.8	0.1	37.1	148	4.4
MMC-18-07	378.96	379.83	0.87	S00355285	17	0.5	8.22	11	270	1	0.2	4.6	0.2	49.5	101	3.6
MMC-18-07	379.83	380.66	0.83	S00355286	12	0.5	7.92	5	210	0.5	0.1	6.2	0.1	46.3	48	2.1
MMC-18-07	380.66	381.48	0.82	S00355287	11	0.5	7.57	1.5	150	0.5	0.3	6	0.2	40.5	46	2
MMC-18-07	381.48	382.51	1.03	S00355288	13	0.5	8.02	1.5	130	1	0.2	6.2	0.1	47.3	48	2.8
MMC-18-07	382.51	383.17	0.66	S00355289	23	0.5	8.72	4	170	1	0.4	5.3	0.3	47.5	78	3.4
MMC-18-07	383.17	383.73	0.56	S00355291	32	0.5	6.22	30	110	0.5	1.8	4	0.2	515	154	2.1
MMC-18-07	383.73	384.85	1.12	S00355293	11	0.5	8.65	1.5	130	1	0.2	5.7	0.1	35.9	93	1.9
MMC-18-07	384.85	385.75	0.9	S00355294	51	0.5	8.23	10	160	0.5	1	6.7	0.2	57.3	41	2
MMC-18-07	385.75	386.88	1.13	S00355295	6	0.5	8.43	7	120	0.5	0.3	6.7	0.1	44.9	54	1.7
MMC-18-07	386.88	388.03	1.15	S00355296	8	0.5	7.88	7	160	0.5	0.2	6.5	0.1	47.3	42	2.3
MMC-18-07	388.03	389.44	1.41	S00355297	10	0.5	7.79	5	160	0.5	0.2	6.7	0.2	50.4	43	2.6
MMC-18-07	389.44	390.14	0.7	S00355298	12	0.5	7.79	9	200	0.5	0.2	6.8	0.1	46.4	43	1.9
MMC-18-07	390.14	390.89	0.75	S00355299	11	0.5	7.27	13	280	0.5	0.1	6.8	0.1	42.7	41	2.3
MMC-18-07	390.89	391.31	0.42	S00355301	6	0.5	3.52	5	80	0.5	0.05	4.9	0.1	21.3	43	0.4
MMC-18-07	391.31	392.23	0.92	S00355302	13	0.5	7.88	11	260	0.5	0.1	6.4	0.1	46.7	40	2.4
MMC-18-07	392.23	393.66	1.43	S00355303	16	0.5	8.28	11	120	0.5	0.1	7.1	0.1	55.8	46	1.1
MMC-18-07	393.66	394.81	1.15	S00355304	13	0.5	7.86	5	70	0.5	0.1	6.9	0.2	53.7	48	0.7
MMC-18-07	394.81	395.44	0.63	S00355305	22	0.5	7.84	5	170	0.5	0.2	6.6	0.3	57.5	63	2.6
MMC-18-07	395.44	396.36	0.92	S00355306	20	0.5	7.89	7	180	0.5	0.2	7.1	0.1	52.3	50	1.3
MMC-18-07	402.05	402.66	0.61	S00355307	6	0.5	7.44	8	110	0.5	0.05	7.2	0.1	53.5	62	1.8
MMC-18-07	402.66	403.29	0.63	S00355308	10	0.5	7.81	8	180	0.5	0.1	6.6	0.1	51	70	2.5
MMC-18-07	403.29	403.95	0.66	S00355309	7	0.5	6.47	11	70	0.5	0.05	5.9	0.1	41	85	1.6
MMC-18-07	409.14	410	0.86	S00355311	37	0.5	8.24	11	150	0.5	0.1	7.6	0.4	60.1	83	2
MMC-18-07	414.85	415.18	0.33	S00355312	9	0.5	9.44	38	30	0.5	0.2	11.7	0.1	57.4	83	0.2

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-07	16.75	17.17	0.42	S00355158	19	1.39	3.5	16.3	10	0.28	30	1	18	0.01	7	0.5	8	34.7
MMC-18-07	78.67	78.97	0.3	S00355159	18	1.75	4.7	30.7	20	0.46	40	3	21	0.03	16	0.5	1	31.1
MMC-18-07	97.61	98.19	0.58	S00355161	6	0.67	1.1	5.3	2.5	0.05	40	2	6	0.005	6	0.5	0.5	40
MMC-18-07	292	292.85	0.85	S00355162	24	5.25	3.2	18.6	26	2.09	400	2	80	0.02	7	0.5	0.5	26.3
MMC-18-07	292.85	293.15	0.3	S00355163	36	4.13	2.2	19.5	19	1.63	280	3	59	0.02	8	0.5	0.5	30.4
MMC-18-07	293.15	294.07	0.92	S00355164	53	5.2	2.5	19.1	23	2.14	430	2	89	0.02	9	0.5	0.5	27.9
MMC-18-07	294.07	294.4	0.33	S00355165	56	3	1.6	16.2	13	1.1	190	3	54	0.01	8	0.5	0.5	34.8
MMC-18-07	294.4	294.81	0.41	S00355166	124	5.82	2.2	21	23	2.6	470	3	126	0.02	9	0.5	0.5	27.1
MMC-18-07	294.81	295.66	0.85	S00355167	48	5.51	2.4	19	23	2.3	460	3	109	0.02	7	0.5	0.5	27.6
MMC-18-07	295.66	296.5	0.84	S00355168	20	1.13	0.7	7.3	6	0.41	110	3	21	0.005	6	0.5	0.5	40
MMC-18-07	296.5	297	0.5	S00355169	82	6.36	2.2	20	22	2.23	480	5	185	0.02	9	0.5	0.5	27.6
MMC-18-07	297	298.22	1.22	S00355171	74	5.8	2.3	21.3	24	2.13	470	3	129	0.02	15	0.5	0.5	27.9
MMC-18-07	298.22	298.65	0.43	S00355172	21	2.55	1.6	16.7	13	0.9	180	2	40	0.01	6	0.5	0.5	36.4
MMC-18-07	298.65	298.95	0.3	S00355173	69	4.57	2.3	17.1	19	1.77	400	3	93	0.02	13	0.5	0.5	30.6
MMC-18-07	298.95	299.82	0.87	S00355174	115	6.2	2	21.2	22	2.34	490	4	163	0.02	21	0.5	0.5	27.6
MMC-18-07	299.82	300.46	0.64	S00355175	50	3.18	1	16.2	13	1.22	210	2	66	0.01	6	0.5	0.5	33.8
MMC-18-07	300.46	301.49	1.03	S00355176	65	5.19	2.1	16.4	24	2.19	440	4	112	0.02	31	0.5	0.5	29.3
MMC-18-07	301.49	302.25	0.76	S00355177	121	5.78	2.4	19.4	23	2.36	450	4	131	0.02	6	0.5	0.5	27.8
MMC-18-07	302.25	303.25	1	S00355178	63	5.26	2.3	21.2	21	2.14	450	2	98	0.02	8	0.5	0.5	29
MMC-18-07	303.25	304.1	0.85	S00355179	83	4.98	2.7	22.6	22	2	420	2	94	0.02	9	0.5	0.5	28.3
MMC-18-07	304.1	305.29	1.19	S00355181	13	1.12	1.1	12.4	7	0.49	100	1	16	0.01	5	0.5	0.5	37.7
MMC-18-07	305.29	306.27	0.98	S00355182	44	1.04	0.9	11.9	6	0.43	100	4	14	0.02	29	0.5	0.5	39.4
MMC-18-07	306.27	307.52	1.25	S00355183	106	0.63	0.3	4.6	2.5	0.15	60	4	9	0.005	4	0.5	0.5	40
MMC-18-07	307.52	308.65	1.13	S00355184	28	1.22	0.9	7.7	7	0.56	120	2	29	0.01	12	0.5	0.5	39.6
MMC-18-07	308.65	309.87	1.22	S00355185	23	2.21	1.6	7.1	10	0.88	160	3	32	0.01	7	0.5	0.5	37.2
MMC-18-07	309.87	310.82	0.95	S00355186	17	1.04	0.6	5.7	5	0.43	100	1	23	0.005	5	0.5	0.5	37.9
MMC-18-07	310.82	311.91	1.09	S00355187	67	6.41	2.7	17.7	26	2.59	550	3	154	0.02	6	0.5	0.5	28.6
MMC-18-07	311.91	312.97	1.06	S00355188	91	6.2	2.1	21.6	23	2.92	570	3	152	0.02	9	0.5	0.5	27.6
MMC-18-07	312.97	313.63	0.66	S00355189	63	5.43	2.3	18.9	21	2.73	490	5	122	0.02	6	0.5	0.5	28
MMC-18-07	313.63	314.11	0.48	S00355191	26	2.56	1.6	4.8	12	1.06	190	3	56	0.005	6	0.5	0.5	35.9
MMC-18-07	314.11	315.09	0.98	S00355192	33	3.75	2.4	7	18	1.77	280	3	97	0.005	8	0.5	0.5	31
MMC-18-07	315.09	316.23	1.14	S00355193	45	4.63	2	13.7	18	1.96	440	5	99	0.01	5	0.5	0.5	32.3
MMC-18-07	316.23	316.75	0.52	S00355194	11	4.87	1.9	11.9	18	1.9	490	3	68	0.01	5	0.5	0.5	31.8
MMC-18-07	316.75	318.25	1.5	S00355195	8	0.98	0.3	6.3	2.5	0.36	100	1	14	0.005	3	0.5	0.5	40
MMC-18-07	318.25	318.55	0.3	S00355196	27	6.54	2.3	13.5	26	3.01	650	4	204	0.02	7	0.5	0.5	26.9
MMC-18-07	318.55	319.82	1.27	S00355197	23	1.89	0.5	7.1	7	0.67	160	2	35	0.01	5	0.5	0.5	38.4
MMC-18-07	319.82	320.7	0.88	S00355198	29	6.52	1.7	18.7	24	2.75	730	2	92	0.02	12	0.5	0.5	28.1
MMC-18-07	320.7	321	0.3	S00355199	102	6.98	1.4	19.3	21	3.35	750	3	138	0.02	20	0.5	0.5	28.2
MMC-18-07	321	321.99	0.99	S00355201	33	7.2	2.2	24.8	27	3.23	830	1	109	0.03	13	0.5	0.5	24.3
MMC-18-07	321.99	323.08	1.09	S00355202	8	6.61	2.2	23.2	24	2.57	700	3	96	0.03	8	0.5	0.5	27.4
MMC-18-07	323.08	324	0.92	S00355203	20	7.05	1.8	24.8	24	2.99	810	3	120	0.03	9	0.5	0.5	26.1
MMC-18-07	324	325.1	1.1	S00355204	37	7.35	1.6	24.6	25	3.1	860	5	106	0.03	11	0.5	0.5	26
MMC-18-07	325.1	325.42	0.32	S00355205	126	6.9	0.9	20.2	20	2.29	790	3	74	0.03	16	0.5	0.5	26.9
MMC-18-07	325.42	326.55	1.13	S00355206	88	6.73	1.5	23	22	2.85	850	3	91	0.03	9	0.5	0.5	25.8
MMC-18-07	326.55	326.89	0.34	S00355207	72	6.84	2.5	22.2	25	2.56	830	4	148	0.03	8	0.5	0.5	26.6

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-07	326.89	327.26	0.37	S00355208	947	5.67	2.5	17.6	22	1.8	630	3	97	0.02	31	0.5	0.5	31.4
MMC-18-07	327.26	328.07	0.81	S00355211	102	7.38	2.1	25.6	28	2.61	830	3	115	0.06	28	0.5	0.5	26.8
MMC-18-07	328.07	328.69	0.62	S00355212	126	7.33	1.6	25.5	24	2.05	910	1	46	0.07	96	0.5	0.5	27
MMC-18-07	328.69	329.49	0.8	S00355213	104	7.67	1.6	25.9	23	2.09	1000	2	38	0.06	11	0.5	0.5	30
MMC-18-07	329.49	330.41	0.92	S00355214	141	9.01	1.7	24.3	22	2.2	1190	2	55	0.08	10	0.5	0.5	28.4
MMC-18-07	330.41	331.39	0.98	S00355215	122	8.62	1.9	24.3	25	2.32	1220	1	60	0.06	15	0.5	0.5	31.8
MMC-18-07	331.39	332.09	0.7	S00355216	125	8.05	1.6	26.6	23	2.16	1090	2	67	0.06	11	0.5	0.5	27.8
MMC-18-07	332.09	332.96	0.87	S00355217	117	9.5	1.6	27.2	20	1.94	1220	1	42	0.08	11	0.5	0.5	27.8
MMC-18-07	332.96	333.88	0.92	S00355218	80	7.98	1.8	25	31	2.78	1240	3	91	0.04	11	0.5	0.5	29.1
MMC-18-07	333.88	335	1.12	S00355219	126	9	1.6	26.2	22	2.37	1270	1	73	0.06	12	0.5	0.5	27.7
MMC-18-07	335	336	1	S00355221	115	8.75	1.8	27.4	22	1.98	1170	1	41	0.06	10	0.5	0.5	28.3
MMC-18-07	336	337.48	1.48	S00355222	123	9.4	2	27.2	22	2.16	1320	1	45	0.07	20	0.5	0.5	32.7
MMC-18-07	337.48	338.07	0.59	S00355223	110	8.74	1.8	28.3	16	2.01	1130	1	35	0.06	11	0.5	0.5	25.8
MMC-18-07	338.07	338.74	0.67	S00355224	233	8.91	1.3	29.5	15	1.89	980	2	92	0.07	38	0.5	0.5	25.4
MMC-18-07	338.74	339.75	1.01	S00355226	102	8.1	1.4	30.4	17	1.93	1000	2	29	0.06	11	0.5	0.5	25.7
MMC-18-07	339.75	340.15	0.4	S00355227	106	7.87	1.7	30.9	18	1.83	940	1	26	0.07	11	0.5	0.5	25
MMC-18-07	340.15	340.74	0.59	S00355228	187	7.24	1.1	31.1	16	1.79	890	1	31	0.06	15	0.5	0.5	25.7
MMC-18-07	340.74	341.72	0.98	S00355229	282	8.27	1.4	30.1	18	1.97	960	1	33	0.07	10	0.5	0.5	26
MMC-18-07	341.72	342.34	0.62	S00355231	131	5.23	0.7	22.6	11	1.25	650	1	34	0.04	27	0.5	0.5	27.5
MMC-18-07	342.34	343.33	0.99	S00355232	72	6.97	0.8	27.9	12	1.76	950	1	40	0.06	15	0.5	0.5	27.3
MMC-18-07	343.33	344.71	1.38	S00355233	113	8.66	1.4	29.6	19	2.2	1100	1	35	0.07	10	0.5	0.5	28.3
MMC-18-07	344.71	345.47	0.76	S00355234	56	7.81	0.8	27	11	1.92	1110	1	38	0.06	10	0.5	0.5	27.3
MMC-18-07	345.47	346.59	1.12	S00355235	90	9.07	1.1	25.6	15	2.38	1220	1	51	0.06	10	0.5	0.5	26.9
MMC-18-07	346.59	347.09	0.5	S00355236	153	8.94	1.2	23.7	15	2.2	1130	2	187	0.05	9	0.5	0.5	25.8
MMC-18-07	347.09	347.59	0.5	S00355237	1150	19.7	1.3	19.9	14	2.56	1050	18	5250	0.04	8	7.46	0.5	19.4
MMC-18-07	347.59	347.97	0.38	S00355238	60	9.61	1.5	23.4	16	3.03	1280	3	102	0.07	7	0.5	0.5	27.9
MMC-18-07	347.97	348.36	0.39	S00355239	1340	16	1.2	23.5	14	2.54	1050	17	3840	0.07	8	5.24	0.5	21.8
MMC-18-07	348.36	348.66	0.3	S00355241	338	10	1.3	24.6	17	2.67	1160	4	459	0.07	8	0.5	0.5	25.2
MMC-18-07	348.66	349.01	0.35	S00355242	1690	15	1.3	20.6	16	3.05	1140	25	3050	0.07	7	3.91	0.5	23.8
MMC-18-07	349.01	349.5	0.49	S00355243	535	10.9	1.5	23.5	17	3.16	1240	10	906	0.06	7	1.01	0.5	25.5
MMC-18-07	349.5	350.22	0.72	S00355244	911	13.7	1.3	22.8	16	2.9	1160	19	1960	0.05	7	2.58	0.5	23.7
MMC-18-07	350.22	350.77	0.55	S00355246	925	18.5	0.8	19	12	3.04	1360	23	4480	0.05	7	6.77	0.5	22.1
MMC-18-07	350.77	352.13	1.36	S00355247	158	11	1.3	19.1	18	2.88	1430	1	131	0.05	7	0.5	0.5	28.7
MMC-18-07	352.13	353.29	1.16	S00355248	696	11.9	1.1	18.6	14	2.9	1510	1	976	0.04	7	1.41	0.5	26.5
MMC-18-07	353.29	353.83	0.54	S00355249	150	9.81	1.1	19	16	2.98	1290	1	181	0.05	8	0.5	0.5	24.2
MMC-18-07	353.83	354.63	0.8	S00355251	667	10.8	1.2	19.4	16	3.22	1360	1	640	0.03	7	0.5	0.5	25.8
MMC-18-07	354.63	355.63	1	S00355252	168	10.4	1	16.2	14	3.6	1490	1	105	0.04	6	0.5	0.5	25.6
MMC-18-07	355.63	356.58	0.95	S00355253	117	9.8	0.8	12.7	13	3.59	1390	1	74	0.04	7	0.5	0.5	23.1
MMC-18-07	356.58	357.08	0.5	S00355254	473	9.38	0.6	14.3	14	3.27	1280	1	316	0.04	10	0.5	0.5	24.9
MMC-18-07	357.08	357.93	0.85	S00355255	414	10.3	0.9	14.5	15	3.22	1490	1	271	0.04	7	0.5	0.5	25.5
MMC-18-07	357.93	359.13	1.2	S00355256	146	8.93	1.1	13.8	15	3.58	1310	1	81	0.03	9	0.5	0.5	24.9
MMC-18-07	359.13	360.02	0.89	S00355257	130	8.6	1	14.4	13	3.64	1210	1	85	0.04	8	0.5	0.5	24.4
MMC-18-07	360.02	360.58	0.56	S00355258	88	8.23	1.2	16	17	3.66	1120	1	74	0.04	8	0.5	0.5	24.8
MMC-18-07	360.58	360.96	0.38	S00355259	27	3.67	0.6	5.3	10	1.34	510	1	32	0.02	3	0.5	0.5	32.1
MMC-18-07	360.96	362.15	1.19	S00355261	96	9.05	0.7	11.1	15	4.02	1320	1	85	0.02	5	0.5	0.5	21.9



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MMC-18-07	362.15	363.39	1.24	S00355262	120	8.39	0.7	11.2	14	3.3	1260	1	76	0.02	6	0.5	0.5	23.1
MMC-18-07	363.39	364.29	0.9	S00355263	127	9.2	0.5	10.1	14	4.18	1440	1	80	0.02	5	0.5	0.5	23.2
MMC-18-07	364.29	365.14	0.85	S00355264	110	9.59	0.5	8.9	13	3.68	1520	1	77	0.02	5	0.5	0.5	22.3
MMC-18-07	365.14	365.52	0.38	S00355265	190	8.93	0.7	8.8	14	4.48	1410	1	74	0.02	5	0.5	0.5	23.2
MMC-18-07	365.52	366.55	1.03	S00355266	199	8.96	0.6	9.8	14	3.41	1450	1	68	0.02	5	0.5	0.5	23.8
MMC-18-07	366.55	367.33	0.78	S00355267	167	9.26	0.4	10.2	12	3.19	1510	1	70	0.03	5	0.5	0.5	24
MMC-18-07	367.33	367.69	0.36	S00355268	297	10.8	0.6	10.7	13	3.49	1630	1	116	0.03	5	0.5	0.5	24
MMC-18-07	367.69	368.12	0.43	S00355269	273	9.47	0.5	13.1	11	3.1	1540	1	96	0.04	5	0.5	1	24.1
MMC-18-07	368.12	368.98	0.86	S00355271	234	10.4	0.7	11	13	3.48	1670	1	143	0.03	4	0.5	0.5	24.1
MMC-18-07	368.98	370.23	1.25	S00355272	281	9.79	0.6	10.5	12	4.07	1640	1	154	0.03	5	0.5	0.5	24.3
MMC-18-07	370.23	370.97	0.74	S00355273	231	9.88	0.7	11.3	14	4.59	1680	1	137	0.03	5	0.5	0.5	24.6
MMC-18-07	370.97	371.65	0.68	S00355274	298	9.24	0.5	10.1	10	3.18	1660	1	125	0.04	6	0.5	0.5	24.3
MMC-18-07	371.65	372.88	1.23	S00355275	227	9.57	0.7	11.5	13	3.37	1590	1	132	0.03	5	0.5	0.5	24.5
MMC-18-07	372.88	373.45	0.57	S00355276	256	9.25	0.7	12.1	16	3.9	1530	1	134	0.03	5	0.5	0.5	23.9
MMC-18-07	373.45	374.67	1.22	S00355277	339	9.25	0.6	10.8	15	3.42	1580	1	131	0.03	5	0.5	0.5	23.4
MMC-18-07	374.67	375.33	0.66	S00355278	257	9.42	0.7	11.1	13	4.01	1630	1	102	0.03	5	0.5	0.5	24.4
MMC-18-07	375.33	375.69	0.36	S00355279	262	9.88	1.1	11	19	4.44	1550	1	116	0.03	7	0.5	0.5	24
MMC-18-07	375.69	376.42	0.73	S00355281	1360	9.28	0.5	10.8	10	3.21	1550	1	351	0.03	6	0.5	0.5	23.4
MMC-18-07	376.42	377.21	0.79	S00355282	241	7.99	0.7	13.1	12	3.09	1380	1	79	0.03	5	0.5	0.5	25.1
MMC-18-07	377.21	378.24	1.03	S00355283	187	7.27	0.9	13.3	13	3.32	1210	1	90	0.03	6	0.5	0.5	25.1
MMC-18-07	378.24	378.96	0.72	S00355284	62	6.82	1	15.7	17	2.56	960	1	57	0.03	7	0.5	0.5	25.2
MMC-18-07	378.96	379.83	0.87	S00355285	334	7.53	1	17.2	17	3.21	1260	1	111	0.03	6	0.5	0.5	27.7
MMC-18-07	379.83	380.66	0.83	S00355286	140	7.48	0.7	11	11	3.29	1310	1	81	0.02	6	0.5	0.5	24.4
MMC-18-07	380.66	381.48	0.82	S00355287	38	7.81	0.6	12	12	3.59	1440	1	124	0.03	8	0.5	0.5	24.6
MMC-18-07	381.48	382.51	1.03	S00355288	14	9.41	0.6	12.7	14	5.53	1700	1	212	0.03	6	0.5	0.5	22.1
MMC-18-07	382.51	383.17	0.66	S00355289	893	8.57	0.7	11.3	15	4.57	1320	1	199	0.03	7	0.5	0.5	23.6
MMC-18-07	383.17	383.73	0.56	S00355291	1630	18.9	0.5	9.4	10	2.47	880	14	7120	0.02	6	8.89	0.5	20.6
MMC-18-07	383.73	384.85	1.12	S00355293	157	7.84	0.5	14	14	3.27	1340	1	148	0.03	7	0.5	0.5	24.4
MMC-18-07	384.85	385.75	0.9	S00355294	624	8.37	0.6	9.8	11	4.15	1400	1	350	0.02	5	0.5	0.5	24.7
MMC-18-07	385.75	386.88	1.13	S00355295	124	7.57	0.5	11.7	11	3.55	1360	1	110	0.03	6	0.5	0.5	25
MMC-18-07	386.88	388.03	1.15	S00355296	223	7.57	0.6	9.8	10	4.2	1320	1	107	0.02	5	0.5	0.5	24.5
MMC-18-07	388.03	389.44	1.41	S00355297	320	8.26	0.6	9.2	11	3.86	1410	1	117	0.02	5	0.5	0.5	23.6
MMC-18-07	389.44	390.14	0.7	S00355298	308	7.52	0.7	8.2	15	3.84	1380	1	111	0.02	5	0.5	0.5	23.1
MMC-18-07	390.14	390.89	0.75	S00355299	163	7.14	0.9	8.5	22	3.22	1340	1	92	0.02	3	0.5	0.5	22.7
MMC-18-07	390.89	391.31	0.42	S00355301	29	3.98	0.2	4	10	1.56	790	1	57	0.005	2	0.5	0.5	31.4
MMC-18-07	391.31	392.23	0.92	S00355302	243	7.8	0.9	7.8	20	3.83	1360	1	103	0.02	5	0.5	0.5	24.4
MMC-18-07	392.23	393.66	1.43	S00355303	243	8.61	0.4	9.1	11	4.49	1470	1	103	0.03	6	0.5	0.5	25.2
MMC-18-07	393.66	394.81	1.15	S00355304	212	8.5	0.2	8.4	12	3.36	1420	1	110	0.02	5	0.5	0.5	24.1
MMC-18-07	394.81	395.44	0.63	S00355305	353	8.94	0.6	8.6	11	3.99	1470	1	198	0.03	6	0.5	0.5	24.6
MMC-18-07	395.44	396.36	0.92	S00355306	260	8.26	0.5	10.1	11	4.1	1440	1	169	0.03	5	0.5	0.5	25.3
MMC-18-07	402.05	402.66	0.61	S00355307	147	8.87	0.5	8.4	11	5.62	1620	1	124	0.03	5	0.5	0.5	25.5
MMC-18-07	402.66	403.29	0.63	S00355308	279	8.94	0.6	9.5	15	5.5	1520	1	139	0.03	5	0.5	0.5	24.6
MMC-18-07	403.29	403.95	0.66	S00355309	27	7.33	0.4	7.1	12	4.02	1270	1	112	0.02	7	0.5	0.5	28.4
MMC-18-07	409.14	410	0.86	S00355311	968	8.11	0.7	8.9	10	4.39	1320	1	311	0.04	6	0.5	0.5	25.8
MMC-18-07	414.85	415.18	0.33	S00355312	48	6.74	0.2	8.2	5	3.33	1220	1	87	0.03	16	0.5	1	24.4

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-07	16.75	17.17	0.42	S00355158	0.5	20	1	0.15	42	2.5	7.4	0.9	9		0.00292	0.0019
MMC-18-07	78.67	78.97	0.3	S00355159	0.5	30	0.5	0.45	77	5	29.2	3.9	14		0.00128	0.0018
MMC-18-07	97.61	98.19	0.58	S00355161	0.5	10	0.5	0.01	2.5	2.5	4.5	0.3	53		0.00035	0.0006
MMC-18-07	292	292.85	0.85	S00355162	0.5	80	0.5	0.39	216	2.5	10.6	1.4	48		0.00322	0.0024
MMC-18-07	292.85	293.15	0.3	S00355163	0.5	80	0.5	0.35	155	2.5	11	1.3	39		0.00255	0.0036
MMC-18-07	293.15	294.07	0.92	S00355164	0.5	90	0.5	0.37	219	2.5	11	1.3	45		0.00352	0.0053
MMC-18-07	294.07	294.4	0.33	S00355165	0.5	40	0.5	0.15	83	2.5	7.4	0.9	29		0.0019	0.0056
MMC-18-07	294.4	294.81	0.41	S00355166	0.5	110	0.5	0.33	264	2.5	12.4	1.6	65		0.00434	0.0124
MMC-18-07	294.81	295.66	0.85	S00355167	0.5	100	0.5	0.37	255	2.5	11	1.3	47		0.00349	0.0048
MMC-18-07	295.66	296.5	0.84	S00355168	0.5	20	0.5	0.07	35	2.5	3.8	0.4	17		0.00065	0.002
MMC-18-07	296.5	297	0.5	S00355169	0.5	100	0.5	0.37	256	2.5	13.3	1.6	63		0.0047	0.0082
MMC-18-07	297	298.22	1.22	S00355171	0.5	80	0.5	0.35	217	2.5	11.2	1.4	71		0.00392	0.0074
MMC-18-07	298.22	298.65	0.43	S00355172	0.5	50	0.5	0.2	82	2.5	8.1	1	25		0.00139	0.0021
MMC-18-07	298.65	298.95	0.3	S00355173	0.5	70	0.5	0.33	179	2.5	9.1	1.1	53		0.00308	0.0069
MMC-18-07	298.95	299.82	0.87	S00355174	0.5	100	0.5	0.36	268	2.5	13	1.6	60		0.00493	0.0115
MMC-18-07	299.82	300.46	0.64	S00355175	0.5	50	0.5	0.16	108	2.5	7	0.8	25		0.00198	0.005
MMC-18-07	300.46	301.49	1.03	S00355176	0.5	90	0.5	0.3	226	2.5	9.7	1.3	129		0.00365	0.0065
MMC-18-07	301.49	302.25	0.76	S00355177	0.5	80	0.5	0.33	224	2.5	11.7	1.4	54		0.00417	0.0121
MMC-18-07	302.25	303.25	1	S00355178	0.5	90	0.5	0.35	233	2.5	12.9	1.5	44		0.00333	0.0063
MMC-18-07	303.25	304.1	0.85	S00355179	0.5	60	0.5	0.36	218	2.5	13.3	1.5	44		0.00388	0.0083
MMC-18-07	304.1	305.29	1.19	S00355181	0.5	30	0.5	0.13	45	2.5	8	0.9	14		0.00065	0.0013
MMC-18-07	305.29	306.27	0.98	S00355182	0.5	20	0.5	0.1	33	2.5	5.8	0.7	18		0.00071	0.0044
MMC-18-07	306.27	307.52	1.25	S00355183	0.5	5	0.5	0.03	9	2.5	3.4	0.4	12		0.00029	0.0106
MMC-18-07	307.52	308.65	1.13	S00355184	0.5	20	0.5	0.09	45	2.5	4.1	0.5	30		0.00096	0.0028
MMC-18-07	308.65	309.87	1.22	S00355185	0.5	20	0.5	0.14	83	2.5	5.5	0.6	26		0.00103	0.0023
MMC-18-07	309.87	310.82	0.95	S00355186	0.5	20	0.5	0.06	42	2.5	3.5	0.4	20		0.00074	0.0017
MMC-18-07	310.82	311.91	1.09	S00355187	0.5	90	0.5	0.34	292	2.5	11.6	1.4	64		0.00434	0.0067
MMC-18-07	311.91	312.97	1.06	S00355188	0.5	100	0.5	0.4	288	2.5	13.5	1.6	62		0.00459	0.0091
MMC-18-07	312.97	313.63	0.66	S00355189	0.5	80	0.5	0.33	254	2.5	11	1.4	54		0.00335	0.0063
MMC-18-07	313.63	314.11	0.48	S00355191	0.5	40	0.5	0.15	82	2.5	5.3	0.8	25		0.00219	0.0026
MMC-18-07	314.11	315.09	0.98	S00355192	0.5	60	0.5	0.25	165	2.5	6.1	1	47		0.00439	0.0033
MMC-18-07	315.09	316.23	1.14	S00355193	0.5	70	0.5	0.2	191	2.5	7.9	0.9	46		0.00306	0.0045
MMC-18-07	316.23	316.75	0.52	S00355194	0.5	90	0.5	0.27	168	2.5	7.1	0.9	56		0.00259	0.0011
MMC-18-07	316.75	318.25	1.5	S00355195	0.5	20	0.5	0.06	17	2.5	2.8	0.4	11		0.00065	0.0008
MMC-18-07	318.25	318.55	0.3	S00355196	0.5	60	0.5	0.23	271	2.5	8.7	1.1	72		0.00482	0.0027
MMC-18-07	318.55	319.82	1.27	S00355197	0.5	40	0.5	0.08	43	2.5	3.5	0.4	21		0.00143	0.0023
MMC-18-07	319.82	320.7	0.88	S00355198	0.5	110	0.5	0.36	237	2.5	12.3	1.5	81		0.00296	0.0029
MMC-18-07	320.7	321	0.3	S00355199	0.5	130	0.5	0.38	245	2.5	13.7	1.6	79		0.00457	0.0102
MMC-18-07	321	321.99	0.99	S00355201	0.5	150	0.5	0.48	262	2.5	16.3	1.8	91		0.00402	0.0033
MMC-18-07	321.99	323.08	1.09	S00355202	0.5	170	0.5	0.39	245	6	16	1.8	80		0.00321	0.0008
MMC-18-07	323.08	324	0.92	S00355203	0.5	180	0.5	0.37	263	2.5	17.3	1.9	83		0.00447	0.002
MMC-18-07	324	325.1	1.1	S00355204	0.5	180	0.5	0.36	287	2.5	17.2	1.9	89		0.00359	0.0037
MMC-18-07	325.1	325.42	0.32	S00355205	0.5	240	0.5	0.33	282	2.5	15.4	1.9	79		0.00331	0.0126
MMC-18-07	325.42	326.55	1.13	S00355206	0.5	170	0.5	0.36	253	2.5	17.6	2.1	87		0.00309	0.0088
MMC-18-07	326.55	326.89	0.34	S00355207	0.5	150	0.5	0.35	266	2.5	19.2	2.1	89		0.00548	0.0072

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MMC-18-07	326.89	327.26	0.37	S00355208	0.5	120	0.5	0.25	188	2.5	15	1.7	78		0.00357	0.0947
MMC-18-07	327.26	328.07	0.81	S00355211	1	210	0.5	0.41	255	2.5	25.5	2.5	94		0.00408	0.0102
MMC-18-07	328.07	328.69	0.62	S00355212	2	190	0.5	0.72	220	2.5	25.9	2.6	97		0.00373	0.0126
MMC-18-07	328.69	329.49	0.8	S00355213	2	210	0.5	0.7	199	2.5	29.5	2.7	92		0.0034	0.0104
MMC-18-07	329.49	330.41	0.92	S00355214	1	220	0.5	0.86	210	2.5	30.9	2.6	115		0.00419	0.0141
MMC-18-07	330.41	331.39	0.98	S00355215	1	220	0.5	0.96	257	2.5	27.8	2.5	128		0.004	0.0122
MMC-18-07	331.39	332.09	0.7	S00355216	2	210	0.5	0.74	194	2.5	31.5	2.6	118		0.00376	0.0125
MMC-18-07	332.09	332.96	0.87	S00355217	2	190	0.5	0.92	206	2.5	27.4	2.7	124		0.00413	0.0117
MMC-18-07	332.96	333.88	0.92	S00355218	1	230	0.5	0.78	274	2.5	22.3	1.9	128		0.00497	0.008
MMC-18-07	333.88	335	1.12	S00355219	2	200	0.5	0.75	235	2.5	26.6	2.5	133		0.00415	0.0126
MMC-18-07	335	336	1	S00355221	2	190	0.5	0.81	204	2.5	26.1	2.7	125		0.00377	0.0115
MMC-18-07	336	337.48	1.48	S00355222	2	210	0.5	0.92	232	2.5	31.8	2.8	141		0.0043	0.0123
MMC-18-07	337.48	338.07	0.59	S00355223	2	180	0.5	0.8	189	2.5	25.3	3	115		0.0038	0.011
MMC-18-07	338.07	338.74	0.67	S00355224	2	160	0.5	0.76	182	2.5	25.2	2.8	113		0.00689	0.0233
MMC-18-07	338.74	339.75	1.01	S00355226	2	180	0.5	0.75	183	2.5	26.5	2.8	109		0.00349	0.0102
MMC-18-07	339.75	340.15	0.4	S00355227	2	170	0.5	0.73	174	2.5	27.1	2.9	104		0.00342	0.0106
MMC-18-07	340.15	340.74	0.59	S00355228	2	170	0.5	0.72	173	2.5	22.7	3.2	82		0.00329	0.0187
MMC-18-07	340.74	341.72	0.98	S00355229	2	180	0.5	0.77	181	2.5	27.8	2.9	98		0.00365	0.0282
MMC-18-07	341.72	342.34	0.62	S00355231	1	110	0.5	0.49	109	2.5	16.1	2.1	58		0.00219	0.0131
MMC-18-07	342.34	343.33	0.99	S00355232	2	170	0.5	0.68	153	2.5	21.7	2.8	121		0.00275	0.0072
MMC-18-07	343.33	344.71	1.38	S00355233	2	190	0.5	0.83	197	2.5	27.5	2.9	106		0.00362	0.0113
MMC-18-07	344.71	345.47	0.76	S00355234	2	160	0.5	0.78	182	2.5	26.6	3	88		0.0029	0.0056
MMC-18-07	345.47	346.59	1.12	S00355235	2	180	0.5	0.87	224	2.5	26.2	2.6	97		0.00375	0.009
MMC-18-07	346.59	347.09	0.5	S00355236	1	150	0.5	0.89	262	2.5	21.5	2.5	99		0.0045	0.0153
MMC-18-07	347.09	347.59	0.5	S00355237	1	100	7	0.76	242	2.5	17.5	2	96		0.0434	0.115
MMC-18-07	347.59	347.97	0.38	S00355238	1	190	0.5	0.97	256	2.5	24.2	2.5	126		0.00494	0.006
MMC-18-07	347.97	348.36	0.39	S00355239	0.5	170	3	0.81	233	2.5	21.9	2.4	137		0.0319	0.134
MMC-18-07	348.36	348.66	0.3	S00355241	1	200	0.5	0.72	239	2.5	23.9	2.8	113		0.00745	0.0338
MMC-18-07	348.66	349.01	0.35	S00355242	1	140	4	0.61	269	2.5	23.4	2.5	126		0.0293	0.169
MMC-18-07	349.01	349.5	0.49	S00355243	1	180	1	0.66	269	2.5	24	2.7	120		0.0115	0.0535
MMC-18-07	349.5	350.22	0.72	S00355244	1	140	2	0.67	264	2.5	21.8	2.8	111		0.0181	0.0911
MMC-18-07	350.22	350.77	0.55	S00355246	2	140	2	0.7	296	2.5	21.8	2.4	96		0.0331	0.0925
MMC-18-07	350.77	352.13	1.36	S00355247	1	200	0.5	1.11	428	2.5	21	2.2	120		0.00572	0.0158
MMC-18-07	352.13	353.29	1.16	S00355248	1	180	0.5	1.16	290	2.5	18.7	2.2	126		0.0104	0.0696
MMC-18-07	353.29	353.83	0.54	S00355249	1	180	0.5	0.86	293	2.5	19.7	2.1	114		0.00474	0.015
MMC-18-07	353.83	354.63	0.8	S00355251	1	170	0.5	0.83	326	2.5	19.2	2.3	122		0.00775	0.0667
MMC-18-07	354.63	355.63	1	S00355252	0.5	190	0.5	0.86	341	2.5	15.5	1.9	113		0.00565	0.0168
MMC-18-07	355.63	356.58	0.95	S00355253	0.5	190	0.5	0.79	268	2.5	12.5	1.5	110		0.00525	0.0117
MMC-18-07	356.58	357.08	0.5	S00355254	0.5	230	0.5	1	278	2.5	14.1	1.5	104		0.009	0.0473
MMC-18-07	357.08	357.93	0.85	S00355255	1	230	0.5	1.58	377	2.5	15.4	1.5	122		0.00709	0.0414
MMC-18-07	357.93	359.13	1.2	S00355256	0.5	200	0.5	0.95	324	2.5	14.5	1.7	104		0.00595	0.0146
MMC-18-07	359.13	360.02	0.89	S00355257	1	190	0.5	0.5	264	2.5	14.5	1.7	91		0.00531	0.013
MMC-18-07	360.02	360.58	0.56	S00355258	0.5	200	0.5	0.55	253	2.5	16	1.8	87		0.00515	0.0088
MMC-18-07	360.58	360.96	0.38	S00355259	0.5	60	0.5	0.25	103	2.5	6.3	0.7	39		0.00197	0.0027
MMC-18-07	360.96	362.15	1.19	S00355261	1	170	0.5	0.4	249	2.5	15.5	1.6	105		0.00521	0.0096

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-07	362.15	363.39	1.24	S00355262	1	190	0.5	0.36	244	2.5	15.2	1.5	99		0.0051	0.012
MMC-18-07	363.39	364.29	0.9	S00355263	36	180	0.5	0.37	280	2.5	13.8	1.5	109		0.00554	0.0127
MMC-18-07	364.29	365.14	0.85	S00355264	0.5	170	0.5	0.33	243	2.5	13.1	1.4	109		0.00608	0.011
MMC-18-07	365.14	365.52	0.38	S00355265	2	180	0.5	0.33	245	2.5	13.5	1.5	107		0.00566	0.019
MMC-18-07	365.52	366.55	1.03	S00355266	1	180	0.5	0.39	265	2.5	15.7	1.5	107		0.00573	0.0199
MMC-18-07	366.55	367.33	0.78	S00355267	0.5	200	0.5	0.52	388	2.5	17.5	1.8	106		0.00561	0.0167
MMC-18-07	367.33	367.69	0.36	S00355268	1	160	0.5	0.71	392	2.5	18.5	2	121		0.00627	0.0297
MMC-18-07	367.69	368.12	0.43	S00355269	0.5	170	0.5	0.49	341	2.5	18.6	1.9	113		0.0055	0.0273
MMC-18-07	368.12	368.98	0.86	S00355271	0.5	170	0.5	0.48	290	2.5	18.7	2	116		0.00572	0.0234
MMC-18-07	368.98	370.23	1.25	S00355272	1	170	0.5	0.43	242	2.5	17.5	1.8	117		0.00585	0.0281
MMC-18-07	370.23	370.97	0.74	S00355273	8	180	0.5	0.45	243	2.5	19.4	2	114		0.00571	0.0231
MMC-18-07	370.97	371.65	0.68	S00355274	10	200	0.5	0.41	231	2.5	18	1.8	104		0.00529	0.0298
MMC-18-07	371.65	372.88	1.23	S00355275	8	180	0.5	0.43	224	2.5	18.9	2.1	111		0.00562	0.0227
MMC-18-07	372.88	373.45	0.57	S00355276	3	160	0.5	0.45	226	2.5	18.7	2	107		0.00572	0.0256
MMC-18-07	373.45	374.67	1.22	S00355277	1	150	0.5	0.44	219	2.5	18.8	1.9	108		0.00561	0.0339
MMC-18-07	374.67	375.33	0.66	S00355278	1	170	0.5	0.42	234	2.5	19	1.9	103		0.00551	0.0257
MMC-18-07	375.33	375.69	0.36	S00355279	10	160	0.5	0.44	228	2.5	18.1	1.9	116		0.00551	0.0262
MMC-18-07	375.69	376.42	0.73	S00355281	1	190	0.5	0.41	224	2.5	18.2	1.9	100		0.0101	0.136
MMC-18-07	376.42	377.21	0.79	S00355282	1	190	0.5	0.43	225	2.5	19.3	1.9	87		0.00477	0.0241
MMC-18-07	377.21	378.24	1.03	S00355283	9	200	0.5	0.24	178	2.5	17.8	1.9	81		0.00474	0.0187
MMC-18-07	378.24	378.96	0.72	S00355284	41	210	0.5	0.33	178	2.5	16.4	1.7	73		0.00371	0.0062
MMC-18-07	378.96	379.83	0.87	S00355285	37	170	0.5	0.45	183	2.5	14.8	1.6	88		0.00495	0.0334
MMC-18-07	379.83	380.66	0.83	S00355286	1	190	0.5	0.34	219	2.5	13.1	1.4	79		0.00463	0.014
MMC-18-07	380.66	381.48	0.82	S00355287	43	180	0.5	0.41	217	2.5	17.3	1.7	85		0.00405	0.0038
MMC-18-07	381.48	382.51	1.03	S00355288	1	170	0.5	0.45	248	2.5	18.3	1.9	104		0.00473	0.0014
MMC-18-07	382.51	383.17	0.66	S00355289	44	190	0.5	0.31	185	2.5	14.6	1.6	101		0.00475	0.0893
MMC-18-07	383.17	383.73	0.56	S00355291	0.5	140	2	0.23	162	2.5	10.7	1.3	69		0.0515	0.163
MMC-18-07	383.73	384.85	1.12	S00355293	1	220	0.5	0.5	213	2.5	15.6	1.6	88		0.00359	0.0157
MMC-18-07	384.85	385.75	0.9	S00355294	0.5	190	0.5	0.35	224	2.5	15.3	1.6	90		0.00573	0.0624
MMC-18-07	385.75	386.88	1.13	S00355295	0.5	220	0.5	0.36	223	2.5	14.2	1.5	85		0.00449	0.0124
MMC-18-07	386.88	388.03	1.15	S00355296	0.5	190	0.5	0.32	208	16	15.3	1.5	84		0.00473	0.0223
MMC-18-07	388.03	389.44	1.41	S00355297	0.5	200	0.5	0.35	239	2.5	14.7	1.6	94		0.00504	0.032
MMC-18-07	389.44	390.14	0.7	S00355298	0.5	200	0.5	0.37	200	2.5	13.3	1.4	84		0.00464	0.0308
MMC-18-07	390.14	390.89	0.75	S00355299	0.5	100	0.5	0.32	188	2.5	13.4	1.3	82		0.00427	0.0163
MMC-18-07	390.89	391.31	0.42	S00355301	0.5	70	0.5	0.12	97	14	6.8	0.6	40		0.00213	0.0029
MMC-18-07	391.31	392.23	0.92	S00355302	0.5	160	0.5	0.33	231	2.5	14.6	1.5	85		0.00467	0.0243
MMC-18-07	392.23	393.66	1.43	S00355303	0.5	220	0.5	0.4	217	2.5	13.6	1.4	91		0.00558	0.0243
MMC-18-07	393.66	394.81	1.15	S00355304	0.5	190	0.5	0.39	238	2.5	14.8	1.5	93		0.00537	0.0212
MMC-18-07	394.81	395.44	0.63	S00355305	0.5	190	0.5	0.42	231	2.5	15.8	1.6	98		0.00575	0.0353
MMC-18-07	395.44	396.36	0.92	S00355306	0.5	190	0.5	0.43	231	2.5	18.1	1.9	93		0.00523	0.026
MMC-18-07	402.05	402.66	0.61	S00355307	0.5	160	0.5	0.4	250	2.5	17.1	1.7	99		0.00535	0.0147
MMC-18-07	402.66	403.29	0.63	S00355308	0.5	170	0.5	0.41	257	2.5	17.7	1.9	101		0.0051	0.0279
MMC-18-07	403.29	403.95	0.66	S00355309	0.5	160	0.5	0.3	208	2.5	13.1	1.3	80		0.0041	0.0027
MMC-18-07	409.14	410	0.86	S00355311	0.5	190	0.5	0.46	225	2.5	14.2	1.3	94		0.00601	0.0968
MMC-18-07	414.85	415.18	0.33	S00355312	0.5	330	0.5	0.36	220	2.5	11.8	1.3	57		0.00574	0.0048

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-07	16.75	17.17	0.42	S00355158	0.0018	0.069
MMC-18-07	78.67	78.97	0.3	S00355159	0.0021	0.0065
MMC-18-07	97.61	98.19	0.58	S00355161	0.0006	0.0215
MMC-18-07	292	292.85	0.85	S00355162	0.008	0.0095
MMC-18-07	292.85	293.15	0.3	S00355163	0.0059	0.0085
MMC-18-07	293.15	294.07	0.92	S00355164	0.0089	0.0105
MMC-18-07	294.07	294.4	0.33	S00355165	0.0054	0.0085
MMC-18-07	294.4	294.81	0.41	S00355166	0.0126	0.0135
MMC-18-07	294.81	295.66	0.85	S00355167	0.0109	0.0105
MMC-18-07	295.66	296.5	0.84	S00355168	0.0021	0.0065
MMC-18-07	296.5	297	0.5	S00355169	0.0185	0.0145
MMC-18-07	297	298.22	1.22	S00355171	0.0129	0.0125
MMC-18-07	298.22	298.65	0.43	S00355172	0.004	0.0075
MMC-18-07	298.65	298.95	0.3	S00355173	0.0093	0.0095
MMC-18-07	298.95	299.82	0.87	S00355174	0.0163	0.015
MMC-18-07	299.82	300.46	0.64	S00355175	0.0066	0.0095
MMC-18-07	300.46	301.49	1.03	S00355176	0.0112	0.0115
MMC-18-07	301.49	302.25	0.76	S00355177	0.0131	0.0115
MMC-18-07	302.25	303.25	1	S00355178	0.0098	0.0105
MMC-18-07	303.25	304.1	0.85	S00355179	0.0094	0.011
MMC-18-07	304.1	305.29	1.19	S00355181	0.0016	0.006
MMC-18-07	305.29	306.27	0.98	S00355182	0.0014	0.006
MMC-18-07	306.27	307.52	1.25	S00355183	0.0009	0.006
MMC-18-07	307.52	308.65	1.13	S00355184	0.0029	0.0065
MMC-18-07	308.65	309.87	1.22	S00355185	0.0032	0.0075
MMC-18-07	309.87	310.82	0.95	S00355186	0.0023	0.0065
MMC-18-07	310.82	311.91	1.09	S00355187	0.0154	0.017
MMC-18-07	311.91	312.97	1.06	S00355188	0.0152	0.014
MMC-18-07	312.97	313.63	0.66	S00355189	0.0122	0.0115
MMC-18-07	313.63	314.11	0.48	S00355191	0.0056	0.0075
MMC-18-07	314.11	315.09	0.98	S00355192	0.0097	0.0115
MMC-18-07	315.09	316.23	1.14	S00355193	0.0099	0.012
MMC-18-07	316.23	316.75	0.52	S00355194	0.0068	0.0085
MMC-18-07	316.75	318.25	1.5	S00355195	0.0014	0.0065
MMC-18-07	318.25	318.55	0.3	S00355196	0.0204	0.029
MMC-18-07	318.55	319.82	1.27	S00355197	0.0035	0.0075
MMC-18-07	319.82	320.7	0.88	S00355198	0.0092	0.0105
MMC-18-07	320.7	321	0.3	S00355199	0.0138	0.016
MMC-18-07	321	321.99	0.99	S00355201	0.0109	0.0115
MMC-18-07	321.99	323.08	1.09	S00355202	0.0096	0.0105
MMC-18-07	323.08	324	0.92	S00355203	0.012	0.016
MMC-18-07	324	325.1	1.1	S00355204	0.0106	0.016
MMC-18-07	325.1	325.42	0.32	S00355205	0.0074	0.011
MMC-18-07	325.42	326.55	1.13	S00355206	0.0091	0.011
MMC-18-07	326.55	326.89	0.34	S00355207	0.0148	0.0145

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-07	326.89	327.26	0.37	S00355208	0.0097	0.016
MMC-18-07	327.26	328.07	0.81	S00355211	0.0115	0.0115
MMC-18-07	328.07	328.69	0.62	S00355212	0.0046	0.0075
MMC-18-07	328.69	329.49	0.8	S00355213	0.0038	0.006
MMC-18-07	329.49	330.41	0.92	S00355214	0.0055	0.0075
MMC-18-07	330.41	331.39	0.98	S00355215	0.006	0.0075
MMC-18-07	331.39	332.09	0.7	S00355216	0.0067	0.0085
MMC-18-07	332.09	332.96	0.87	S00355217	0.0042	0.0075
MMC-18-07	332.96	333.88	0.92	S00355218	0.0091	0.0095
MMC-18-07	333.88	335	1.12	S00355219	0.0073	0.0095
MMC-18-07	335	336	1	S00355221	0.0041	0.0075
MMC-18-07	336	337.48	1.48	S00355222	0.0045	0.0075
MMC-18-07	337.48	338.07	0.59	S00355223	0.0035	0.0065
MMC-18-07	338.07	338.74	0.67	S00355224	0.0092	0.009
MMC-18-07	338.74	339.75	1.01	S00355226	0.0029	0.007
MMC-18-07	339.75	340.15	0.4	S00355227	0.0026	0.0065
MMC-18-07	340.15	340.74	0.59	S00355228	0.0031	0.006
MMC-18-07	340.74	341.72	0.98	S00355229	0.0033	0.01
MMC-18-07	341.72	342.34	0.62	S00355231	0.0034	0.006
MMC-18-07	342.34	343.33	0.99	S00355232	0.004	0.0065
MMC-18-07	343.33	344.71	1.38	S00355233	0.0035	0.0065
MMC-18-07	344.71	345.47	0.76	S00355234	0.0038	0.0065
MMC-18-07	345.47	346.59	1.12	S00355235	0.0051	0.0075
MMC-18-07	346.59	347.09	0.5	S00355236	0.0187	0.0095
MMC-18-07	347.09	347.59	0.5	S00355237	0.525	0.794
MMC-18-07	347.59	347.97	0.38	S00355238	0.0102	0.0085
MMC-18-07	347.97	348.36	0.39	S00355239	0.384	0.314
MMC-18-07	348.36	348.66	0.3	S00355241	0.0459	0.094
MMC-18-07	348.66	349.01	0.35	S00355242	0.305	0.549
MMC-18-07	349.01	349.5	0.49	S00355243	0.0906	0.186
MMC-18-07	349.5	350.22	0.72	S00355244	0.196	0.399
MMC-18-07	350.22	350.77	0.55	S00355246	0.448	0.551
MMC-18-07	350.77	352.13	1.36	S00355247	0.0131	0.013
MMC-18-07	352.13	353.29	1.16	S00355248	0.0976	0.22
MMC-18-07	353.29	353.83	0.54	S00355249	0.0181	0.025
MMC-18-07	353.83	354.63	0.8	S00355251	0.064	0.202
MMC-18-07	354.63	355.63	1	S00355252	0.0105	0.02
MMC-18-07	355.63	356.58	0.95	S00355253	0.0074	0.0095
MMC-18-07	356.58	357.08	0.5	S00355254	0.0316	0.198
MMC-18-07	357.08	357.93	0.85	S00355255	0.0271	0.135
MMC-18-07	357.93	359.13	1.2	S00355256	0.0081	0.0105
MMC-18-07	359.13	360.02	0.89	S00355257	0.0085	0.028
MMC-18-07	360.02	360.58	0.56	S00355258	0.0074	0.0125
MMC-18-07	360.58	360.96	0.38	S00355259	0.0032	0.0085
MMC-18-07	360.96	362.15	1.19	S00355261	0.0085	0.0145

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-07	362.15	363.39	1.24	S00355262	0.0076	0.0125
MMC-18-07	363.39	364.29	0.9	S00355263	0.008	0.0215
MMC-18-07	364.29	365.14	0.85	S00355264	0.0077	0.0215
MMC-18-07	365.14	365.52	0.38	S00355265	0.0074	0.014
MMC-18-07	365.52	366.55	1.03	S00355266	0.0068	0.02
MMC-18-07	366.55	367.33	0.78	S00355267	0.007	0.0195
MMC-18-07	367.33	367.69	0.36	S00355268	0.0116	0.027
MMC-18-07	367.69	368.12	0.43	S00355269	0.0096	0.0085
MMC-18-07	368.12	368.98	0.86	S00355271	0.0143	0.038
MMC-18-07	368.98	370.23	1.25	S00355272	0.0154	0.044
MMC-18-07	370.23	370.97	0.74	S00355273	0.0137	0.038
MMC-18-07	370.97	371.65	0.68	S00355274	0.0125	0.033
MMC-18-07	371.65	372.88	1.23	S00355275	0.0132	0.041
MMC-18-07	372.88	373.45	0.57	S00355276	0.0134	0.042
MMC-18-07	373.45	374.67	1.22	S00355277	0.0131	0.062
MMC-18-07	374.67	375.33	0.66	S00355278	0.0102	0.04
MMC-18-07	375.33	375.69	0.36	S00355279	0.0116	0.044
MMC-18-07	375.69	376.42	0.73	S00355281	0.0351	0.181
MMC-18-07	376.42	377.21	0.79	S00355282	0.0079	0.012
MMC-18-07	377.21	378.24	1.03	S00355283	0.009	0.034
MMC-18-07	378.24	378.96	0.72	S00355284	0.0057	0.009
MMC-18-07	378.96	379.83	0.87	S00355285	0.0111	0.025
MMC-18-07	379.83	380.66	0.83	S00355286	0.0081	0.0175
MMC-18-07	380.66	381.48	0.82	S00355287	0.0124	0.0165
MMC-18-07	381.48	382.51	1.03	S00355288	0.0212	0.02
MMC-18-07	382.51	383.17	0.66	S00355289	0.0199	0.053
MMC-18-07	383.17	383.73	0.56	S00355291	0.712	0.134
MMC-18-07	383.73	384.85	1.12	S00355293	0.0148	0.0165
MMC-18-07	384.85	385.75	0.9	S00355294	0.035	0.131
MMC-18-07	385.75	386.88	1.13	S00355295	0.011	0.0115
MMC-18-07	386.88	388.03	1.15	S00355296	0.0107	0.0135
MMC-18-07	388.03	389.44	1.41	S00355297	0.0117	0.017
MMC-18-07	389.44	390.14	0.7	S00355298	0.0111	0.02
MMC-18-07	390.14	390.89	0.75	S00355299	0.0092	0.017
MMC-18-07	390.89	391.31	0.42	S00355301	0.0057	0.0115
MMC-18-07	391.31	392.23	0.92	S00355302	0.0103	0.021
MMC-18-07	392.23	393.66	1.43	S00355303	0.0103	0.023
MMC-18-07	393.66	394.81	1.15	S00355304	0.011	0.024
MMC-18-07	394.81	395.44	0.63	S00355305	0.0198	0.058
MMC-18-07	395.44	396.36	0.92	S00355306	0.0169	0.054
MMC-18-07	402.05	402.66	0.61	S00355307	0.0124	0.012
MMC-18-07	402.66	403.29	0.63	S00355308	0.0139	0.019
MMC-18-07	403.29	403.95	0.66	S00355309	0.0112	0.0125
MMC-18-07	409.14	410	0.86	S00355311	0.0311	0.169
MMC-18-07	414.85	415.18	0.33	S00355312	0.0087	0.0195

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-08	DD	NQ	Phil/Jacob Bellrose		200	100	152.04



Hole number	Core Photos	coordinates.Type
MMC-18-08	MMC-18-08_Header_Core Photos_MMC-18-08_Bx_5-8_15.45-30.91_m_Dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_1-4_0.00-15.45_m_Wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_5-8_15.45-30.91_m_Wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_17-20_65.69-82.81_m_Dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_25-28,_96.19-113.66m_dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_29-32,_113.66-131.21m_wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_33-36,_131.21-148.70m_dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_13-16_48.09-65.69_m_Wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_13-16_48.09-65.69_m_Dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_33-36,_131.21-148.70m_wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_21-24,_82.81-96.19m_dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_29-32,_113.66-131.21m_dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_9-12_30.91-48.09_m_Wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_37,_148.70-152.03m_EOH_wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_9-12_30.91-48.09_m_Dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_17-20_65.69-82.81_m_Wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bx_1-4_0.00-15.45_m_Dry.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_21-24,_82.81-96.19m_wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_25-28,_96.19-113.66m_wet.JPG   MMC-18-08_Header_Core Photos_MMC-18-08_Bxs_37,_148.70-152.03m_EOH_dry.JPG	Planned

Hole number	coordinates.Grid	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting
MMC-18-08	NAD83 / UTM zone 17N	NAD83 / UTM zone 17N	5133589	5133589	436399.7	436399.7

Hole number	coordinates.Elevation	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-08	326.64	Met	Mt	Coreshed	PAT-42276	2018-11-22	2018-11-29

Hole number	Comments
MMC-18-08	lost water pressure and cemented @ 81 m. Meter marks hard re-set at 92m block post-cementation (new meter mark written in red). Hole collared off azimuth, should've been 150 not 160; blocks reset after blocky sections @ 9.19-9.63; 18.58-19.15; 22.74-23.28 to compensate for discrepancies in drill blocks and meter marks

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-08	2018-12-20	2018-12-25	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-08	0	1.5	Overburden	OB	Casing?
MMC-18-08	1.5	9.19	Metasediments	1A	silicified quartzite; strongly foliated; chlorite alteration along fractures common; inclined bedding; medium to coarse grained sand-sized quartz grains, equant, subangular.
MMC-18-08	9.19	9.63	Lost core	LC	blocky core;
MMC-18-08	9.63	15.21	Metasediments	1A	same as before
MMC-18-08	15.21	16.05	Upper Unit	4D	biotite quartz diorite; dark brown; fine-grained; strongly foliated; sharp upper and lower contact with metasediments; ~30% plagioclase feldspar, white, anhedral, slightly stretched due to foliation; ~70% fine-grained dark brown groundmass, probably consists mainly of biotite with minor chlorite, some books of biotite ~1 mm long seen along foliation plane; definitely different compared to other bt qtz diorite, possibly a different unit with more biotite? or likely just a more heavily altered section due to strong foliation?
MMC-18-08	16.05	18.58	Metasediments	1A	same as metasediments described beforehand; some pink Kspar veinlets crosscutting; in strong foliation planes some chlorite+biotite; some inclined bedding still visible but mostly sheared and foliated up; some thin (10-30 cm) beds of feldspathic quartzite and slst
MMC-18-08	18.58	19.15	Lost core	LC	blocky core
MMC-18-08	19.15	22.74	Metasediments	1A	same as before
MMC-18-08	22.74	23.28	Lost core	LC	blocky core; probably a structure.
MMC-18-08	23.28	33.98	Metasediments	1A	same as before; @24.35 slip plane w/clays
MMC-18-08	33.98	35.3	Upper Unit	4D	biotite quartz diorite; black; fine-grained; strongly foliated; several small (<1 cm) quartz veins crosscutting along foliation planes; sharp upper and lower contacts with hornfels metasediments; clasts of metasediments or interfingering of biotite quartz diorite dykes along planes of weakness; consists of dark black-gray very-fine grained groundmass w/ some rare biotite and plagioclase grains visible.
MMC-18-08	35.3	35.93	Metasediments	1A	hornfels metasedimentary; w/ some remnant inclined bedding
MMC-18-08	35.93	36.75	Upper Unit	4D	same as before
MMC-18-08	36.75	40.94	Upper Unit	4D	same bt qtz diorite as before, but with several decimetre scale (~10-80 cm) intercalations of hornfels metasediments; metasediment intercalations are strongly foliated and sheared with the same orientation as the foliation in the diorite; some cm-scale (1-5 cm) quartz+carbonate veins and kspar veins crosscutting foliated diorite and metasediments;
MMC-18-08	40.94	41.77	Upper Unit	4D	same bt qtz diorite as before; broken up ripped up clast of metased in it.
MMC-18-08	41.77	45.21	Metasediments	1A	same hornfels metasediments as before; now massive texture not foliated.
MMC-18-08	45.21	50.23	Upper Unit	4D	biotite quartz diorite; gray-green colour; fine to medium-grained; moderately foliated; sharp upper and lower contacts with intercalations of metasediments; 5% quartz, blueish, anhedral, equant, ~1-3 mm in size; ~15% biotite, black to dark brown, subhedral, platy, ~1 mm in length, 1:3 aspect ratio, defines foliation; 35% plagioclase feldspar, grayish, anhedral, equant to stretched because of foliation, ~1-3 mm in length; 45% grayish-green fine-grained groundmass, probably chloritized pyroxene or amphibole; disseminated Po and Cpy, trace up to 0.5%, generally anhedral grains <1 mm in size with rare grains >1 mm, sometimes deformed and along foliation planes.
MMC-18-08	50.23	53.69	Metasediments	1C	hornfels feldspathic quartzite intercalation; massive texture;
MMC-18-08	53.69	62.14	Upper Unit	4D	same grayish-green moderately foliated biotite quartz diorite as before; metased intercalations @ 56.54-56.77; 56.86-58.76; 59.24-60.4; sharp upper contact with metaseds and lower contact is slightly magmatically brecciated;
MMC-18-08	62.14	68.06	Metasediments	1C	hornfels feldspathic quartzite with dark spotted alteration; w/ some bt qtz diorite ~10-30 cm cross-cutting.
MMC-18-08	68.06	76.25	Upper Unit	4D	same foliated biotite quartz diorite as before

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-08	76.25	83.67	Upper Unit	4D	biotite quartz diorite; gray-green colour; fine to medium-grained; massive texture, not foliated; transitional upper and lower contacts; ~1% quartz, blue, anhedral, equant; ~10% biotite, black, subhedral, platy, ~1 mm in length, 1:3 aspect ratio, more difficult to see without foliation present; ~30-40% plagioclase feldspar, grayish, anhedral to subhedral, ~1-3 mm in size, larger grains are generally subhedral elongated laths; 50-60% mafics, greenish gray, anhedral to subhedral, <1-3 mm in size, rare larger grains (~3 mm) are elongated and prismatic, likely amphibole, fine-grained mafics are likely chloritized amphibole or pyroxene; rare sporadic clusters of v.coarse (~5 mm in size) quartz and white plagioclase; trace to 0.5% disseminated Po and Cpy throughout, generally sulphides are <1 mm in size but some rare grains ~5 mm in length; still some intercalations of metasediments present.
MMC-18-08	83.67	101.39	Lower Unit	3A	nipissing gabbro; black mafic groundmass with white plagioclase; fine-grained mafic groundmass with medium to coarse-grained plagioclase grains; massive texture; transitional upper contact; ~30-40% plagioclase feldspar, white, anhedral to subhedral, equant to elongated laths, ~1-3 mm; ~60-70% mafics, black to dark gray, anhedral to subhedral, irregular to elongated and prismatic, anhedral grains are irregular whereas subhedral grains are elongated, ~1 mm in size, likely pyroxene or amphibole; trace to 0.5% disseminated Po and Cpy generally <1 mm in size up to 93.5m. 93.5m onwards diss to blebby 1% po>>ccp. Gradational lower contact marked by decreasing plagioclase.
MMC-18-08	101.39	120.57	Upper Unit	4B	melagabbro; grayish-green; v.fine-grained to fine; massive to moderately foliated defined by mineralization+mineral alignment. Local foliation orientation change ~103-110m, 1m shoulders where foliation is near parallel t.c.a, foliation before rotating 90 deg relative to overall fabric (folding?). Transitional upper and lower contact with Nipissing gabbro; heavily mineralized ~3-10% typically blebby defining foliation planes and weakly associated with feldspar cumulates. Dominantly v.fine-grained greenish-gray groundmass w/rare sub-mm grains of plagioclase and amphibole. Locally ~15% plagioclase, white, an to subhedral irregular and equant blocky grains. Increasing interstitial wispy chlorite alteration begins at ~118m. Transitional lower contact marked by appearance of fragments.
MMC-18-08	120.57	128.42	Upper Unit	4F	fragmental melagabbro; greenish-gray; weakly foliated as defined by interstitial groundmass+amphibole alignment+mineralization; transitional upper and lower contact; several rounded 0.5-3 cm fragments of plagioclase (cumulates)? ~3% overall disseminated po=ccp to locally infill texture. ~30% mafics, dark green, anhedral to subhedral, equant to prismatic (depending on cut orientation of crystal), ~1-5 mm in size, amphibole after pyroxene; ~70% v.fine-grained greenish-gray pale wispy mottled chlorite altered groundmass; Short transitional lower contact over 15cm marked by absence of wispy interstitial alteration and absence of fragments.
MMC-18-08	128.42	129.9	Upper Unit	4B	melagabbro; black; v.fine-grained; weakly foliated defined by mineralization; transitional upper and lower contact; mineralized with 5-10% disseminated blebs of po=ccp to ccp>po. ~5% plagioclase, grayish, anhedral, equant to irregular, <1 mm, generally looks like sericitized wisps; ~5% coarse mafics, black-dark green, equant to prismatic, likely amphibole after pyroxene; 90% black aphanitic mafic groundmass. Relatively sharp lower contact at core break.
MMC-18-08	129.9	131.72	Lower Unit	3A	nipissing gabbro; medium-grained; dark green; massive texture; mineralized ccp>po; up to 30% plagioclase feldspar, white, anhedral to subhedral, equant anhedral grains to rarely subhedral elongated laths, ~1-3 mm in size; ~10-15% mafics, dark green, anhedral to subhedral, equant to prismatic depending on cut orientation, ~1-3 mm in size; likely amphibole after pyroxene; 55-60% mafic fine-grained chloritized groundmass. Transitional lower contact marked by absence of plagioclase.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-08	131.72	145.73	Upper Unit	4B	melagabbro; black to dark green; v.fine-grained to fine grained; moderately foliated defined by mineralization+amphibole alignment; transitional upper and lower contact. ~20% amphibole over pyroxene 1-3mm anhedral to local acicular grains. 80% near aphanitic mafic groundmass +- weak local interstitial wispy chlorite. Trace fine grained subhedral blocky plagioclase up to 3% after ~141.50m. Strongly foliated mineralization with 8% disseminated to diss blebs of po=ccp to ccp>po.Transitional lower contact marked by plagioclase increase.
MMC-18-08	145.73	152.03	Lower Unit	3A	green grey, fine to medium grained nipissing gabbro. No observable foliation. Trace disseminated po>>>ccp. ~20-30% plagioclase, white, often ~1-3mm sub-rounded to equant blocky; 15-20% black subhedral to acicular 2mm amphibole; and 50% aphanitic mafic groundmass.
MMC-18-08	152.03	152.04	End of hole	End of hole	EOH at meterage 152.03 (block 152m)



Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-08	44.2	45.25	1.05	S00354319	Original	shoulder metased	1.909	0.5	5	0.5	0.5
MMC-18-08	45.25	46.29	1.04	S00354321	Original	bt qtz di 0.5% diss po	2.317	2	5	7	0.5
MMC-18-08	46.29	47.3	1.01	S00354322	Original	bt qtz di trace diss po	2.267	3	5	7	0.5
MMC-18-08	47.3	48.44	1.14	S00354323	Original	trace diss po bt qtz di	2.583	3	5	7	0.5
MMC-18-08	48.44	49.44	1	S00354324	Original	diss 0.5% po	2.198	4	5	8	0.5
MMC-18-08	49.44	50.2	0.76	S00354325	Original	continuation	1.711	1	5	5	0.5
MMC-18-08	50.2	51.47	1.27	S00354326	Original	mtsd continue	2.028	0.5	5	0.5	0.5
MMC-18-08	51.47	51.9	0.43	S00354327	Original	qtz vn with bt qtz di trace diss po	0.68	3	5	4	0.5
MMC-18-08	51.9	53	1.1	S00354328	Original	mtsd continued	2.308	0.5	5	0.5	0.5
MMC-18-08	53	53.7	0.7	S00354329	Original	mtsd continued	0.595	0.5	5	0.5	0.5
MMC-18-08	53.7	54.49	0.79	S00354331	Original	0.5% diss po & ccp	1.544	2	10	9	0.5
MMC-18-08	54.49	55.62	1.13	S00354332	Original	same as above	2.223	0.5	5	9	0.5
MMC-18-08	55.62	56.54	0.92	S00354333	Original	same as above with mtsd clast	1.868	0.5	5	6	0.5
MMC-18-08	56.54	57.66	1.12	S00354334	Original	mtsd with some bt qtz di continued	2.472	0.5	5	1	0.5
MMC-18-08	57.66	58.8	1.14	S00354335	Original	mtsd continued	2.099	0.5	5	0.5	0.5
MMC-18-08	58.8	59.21	0.41	S00354336	Original	bt qtz di continued	0.946	0.5	5	6	0.5
MMC-18-08	59.21	60.36	1.15	S00354337	Original	mtsd continued	2.294	0.5	5	0.5	0.5
MMC-18-08	60.36	61.45	1.09	S00354338	Original	0.5% diss po bt qtz di	2.419	0.5	5	3	0.5
MMC-18-08	61.45	62.66	1.21	S00354339	Original	mtsd with some bt qtz di	2.57	0.5	5	0.5	0.5
MMC-18-08	62.66	63.74	1.08	S00354341	Original		2.278	0.5	5	1	0.5
MMC-18-08	63.74	64.76	1.02	S00354342	Original	mtsed continuity sample	2.096	0.5	5	0.5	0.5
MMC-18-08	64.76	66.17	1.41	S00354343	Original	mtsed continuity sample	2.297	5	5	0.5	0.5
MMC-18-08	66.17	67.4	1.23	S00354344	Original	mtsed continuity sample	2.63	0.5	5	1	0.5
MMC-18-08	67.4	68.15	0.75	S00354345	Original	mtsed continuity sample	1.499	0.5	5	0.5	0.5
MMC-18-08	68.15	69.14	0.99	S00354346	Original	mtsed with dykelets of bt qtz diorite	2.036	0.5	5	5	0.5
MMC-18-08	69.14	70.21	1.07	S00354347	Original	mtsed with dykelets of bt qtz diorite	2.091	0.5	5	2	0.5
MMC-18-08	70.21	71.19	0.98	S00354348	Original	mtsed with dykelets of bt qtz diorite	2.077	0.5	5	0.5	0.5
MMC-18-08	71.19	72.23	1.04	S00354349	Original	0.5% diss Po, Cpy; bt qtz diorite	2.32	0.5	10	9	0.5
MMC-18-08	72.23	73.34	1.11	S00354351	Original	trace diss pocp	2.506	0.5	10	7	0.5
MMC-18-08	73.34	74.24	0.9	S00354352	Original	trace diss pocp	1.988	0.5	5	7	0.5
MMC-18-08	74.24	74.67	0.43	S00354353	Original	trace diss po	0.836	0.5	5	5	0.5
MMC-18-08	74.67	75.45	0.78	S00354354	Original	metasediment	1.495	0.5	5	0.5	0.5
MMC-18-08	75.45	75.75	0.3	S00354355	Original	0.5% diss po	0.904	0.5	5	3	0.5
MMC-18-08	75.75	76.08	0.33	S00354356	Original	metased	0.649	0.5	5	1	0.5
MMC-18-08	76.08	77.15	1.07	S00354357	Original	trace diss po	2.091	0.5	5	4	0.5
MMC-18-08	77.15	78.31	1.16	S00354358	Original	trace diss po	2.634	0.5	5	3	0.5
MMC-18-08	78.31	79.47	1.16	S00354359	Original	trace diss po	2.908	1	5	4	0.5
MMC-18-08	79.47	80.69	1.22	S00354361	Original	0.5% diss pocp	2.831	1	5	8	0.5
MMC-18-08	80.69	81.5	0.81	S00354362	Original	0.5% diss pocp	1.678	0.5	5	7	0.5
MMC-18-08	81.5	82.34	0.84	S00354363	Original	metased	1.726	0.5	5	0.5	0.5
MMC-18-08	82.34	83.57	1.23	S00354364	Original	0.5% diss pocp	2.662	1	5	7	0.5
MMC-18-08	83.57	84.65	1.08	S00354365	Original	trace diss po	2.267	10	5	2	0.5
MMC-18-08	84.65	85.82	1.17	S00354366	Original	trace diss po	2.741	4	5	2	0.5
MMC-18-08	85.82	87.05	1.23	S00354367	Original	0.5% pocp	2.633	2	5	2	0.5
MMC-18-08	87.05	88.14	1.09	S00354368	Original		2.439	0.5	5	2	0.5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-08	88.14	89.19	1.05	S00354369	Original		2.339	2	5	2	0.5
MMC-18-08	89.19	90.27	1.08	S00354371	Original	0.5% pocp	2.514	3	5	2	0.5
MMC-18-08	90.27	91.35	1.08	S00354372	Original		2.504	5	5	3	0.5
MMC-18-08	91.35	92.94	1.59	S00354524	Original		2.563	0.5	5	3	0.5
MMC-18-08	92.94	93.8	0.86	S00354525	Original		1.736	0.5	5	3	0.5
MMC-18-08	93.8	94.7	0.9	S00354526	Original	1-2% blebby pocp	1.986	7	60	61	0.5
MMC-18-08	94.7	95.2	0.5	S00354527	Original	trace diss po	1.155	12	60	142	0.5
MMC-18-08	95.2	96.36	1.16	S00354528	Original	2-3% po>>cp	2.769	59	90	135	0.5
MMC-18-08	96.36	97.12	0.76	S00354529	Original	2% po>cp	0.717	79	80	135	0.5
MMC-18-08	97.12	97.5	0.38	S00354531	Original	5% blebby po>>cp	0.95	13	120	127	0.5
MMC-18-08	97.5	97.83	0.33	S00354532	Original	6% blebby to net po>>cp	0.636	16	80	427	0.5
MMC-18-08	97.83	98.86	1.03	S00354533	Original	0.5-1% diss po>>>cp	2.149	3	40	30	0.5
MMC-18-08	98.86	99.3	0.44	S00354534	Original	8% blebby po	0.942	26	90	97	0.5
MMC-18-08	99.3	100	0.7	S00354535	Original	3% blebby po>>cp	1.531	4	30	32	0.5
MMC-18-08	100	101.23	1.23	S00354536	Original	3% diss po	2.684	6	20	35	0.5
MMC-18-08	101.23	101.65	0.42	S00354537	Original	2% diss po blebs	0.956	9	20	32	0.5
MMC-18-08	101.65	102.7	1.05	S00354538	Original	2-3% diss blebs	2.241	7	80	37	0.5
MMC-18-08	102.7	103.4	0.7	S00354539	Original	1-2% diss po>>cp blebs and carbonate hosted	1.34	36	110	86	0.5
MMC-18-08	103.4	104.89	1.49	S00354541	Original	start main mineralization. 5% blebby po>cp	3.21	179	180	145	0.5
MMC-18-08	104.89	105.83	0.94	S00354542	Original	5% blebby po>cp	2.076	243	310	218	1
MMC-18-08	105.83	106.41	0.58	S00354543	Original	6-7% blebby po>cp	1.217	341	760	360	3
MMC-18-08	106.41	107.03	0.62	S00354544	Original	5% blebby pocp	1.277	259	300	278	2
MMC-18-08	107.03	107.73	0.7	S00354545	Original	4% blebby to foliated po>cp	1.526	183	340	239	1
MMC-18-08	107.73	108.39	0.66	S00354547	Original	2% fine disseminated pocp	1.346	549	830	808	4
MMC-18-08	108.39	109.15	0.76	S00354548	Original	2-3% diss to blebby pocp	1.579	317	460	569	3
MMC-18-08	109.15	110.63	1.48	S00354549	Original	1-2% diss cp>po	3.022	388	630	692	4
MMC-18-08	110.63	111.85	1.22	S00354551	Original	1% diss cp>po	2.511	474	800	828	4
MMC-18-08	111.85	112.45	0.6	S00354552	Original	1% diss cp>po	1.149	374	830	685	3
MMC-18-08	112.45	113.66	1.21	S00354553	Original	2% diss cp>po	2.475	291	530	572	3
MMC-18-08	113.66	114.24	0.58	S00354554	Original	0.5% diss pocp	1.286	111	220	232	1
MMC-18-08	114.24	115.25	1.01	S00354555	Original	2% diss cp>po	2.47	324	550	710	4
MMC-18-08	115.25	115.55	0.3	S00354556	Original	1% diss cp>po	0.731	333	700	698	4
MMC-18-08	115.55	117	1.45	S00354557	Original	2% diss cp>po	3.396	352	610	703	4
MMC-18-08	117	118.46	1.46	S00354558	Original	3% diss cp>po	3.487	330	630	712	4
MMC-18-08	118.46	118.84	0.38	S00354559	Original	5% blebby cp>po	0.847	335	690	741	5
MMC-18-08	118.84	119.32	0.48	S00354561	Original	2% diss cp>po	1.173	330	570	720	5
MMC-18-08	119.32	119.78	0.46	S00354562	Original	1% diss cp>po	1.054	326	670	747	5
MMC-18-08	119.78	120.24	0.46	S00354563	Original	1-2% diss cp>>po	1.039	352	760	778	4
MMC-18-08	120.24	120.57	0.33	S00354564	Original	2% diss to blebs of cp>>po	0.739	305	590	682	4
MMC-18-08	120.57	122.07	1.5	S00354565	Original	1% diss cppo	3.408	322	630	681	4
MMC-18-08	122.07	123.03	0.96	S00354566	Original	1-2% diss cppo	2.278	235	430	497	3
MMC-18-08	123.03	124.28	1.25	S00354567	Original	1% diss cppo	2.981	50	80	115	0.5
MMC-18-08	124.28	124.87	0.59	S00354568	Original	2% diss po>cp associated with fragments	1.414	121	190	250	1
MMC-18-08	124.87	126.16	1.29	S00354569	Original	1% diss to blebby pocp	3.012	151	240	271	2

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-08	126.16	126.83	0.67	S00354571	Original	0.5% diss po>cp	1.525	35	60	63	0.5
MMC-18-08	126.83	127.32	0.49	S00354572	Original	2% f.g., interstitial(?) cp>po	1.012	77	160	170	0.5
MMC-18-08	127.32	128.37	1.05	S00354573	Original	0.5% diss f.g., cp>po	2.224	153	240	290	2
MMC-18-08	128.37	129.9	1.53	S00354574	Original	8% diss to blebby po>cp in alteration	3.468	383	520	648	2
MMC-18-08	129.9	131.21	1.31	S00354575	Original	8% diss to blebby po>cp	2.903	329	500	594	3
MMC-18-08	131.21	131.7	0.49	S00354576	Original	8% diss to blebby po>cp	1.054	404	560	674	3
MMC-18-08	131.7	132.7	1	S00354577	Original	7% diss-blebs of po>cp	2.321	472	620	751	3
MMC-18-08	132.7	133.7	1	S00354578	Original	6% diss blebs pocp	2.482	456	600	738	3
MMC-18-08	133.7	134.7	1	S00354579	Original	5% diss-blebs po>cp	0.939	377	490	548	2
MMC-18-08	134.7	135.7	1	S00354581	Original	5% diss pocp	2.232	317	580	594	3
MMC-18-08	135.7	136.7	1	S00354582	Original	7% diss-blebs cp>po	2.21	266	520	605	4
MMC-18-08	136.7	137.27	0.57	S00354583	Original	1-2% diss cp>po	1.286	107	170	244	2
MMC-18-08	137.27	138	0.73	S00354584	Original	4% diss cp>po	1.714	162	480	512	2
MMC-18-08	138	139.5	1.5	S00354586	Original	2% diss po>cp	3.308	112	300	453	0.5
MMC-18-08	139.5	141	1.5	S00354587	Original	trace diss po	3.62	47	70	132	0.5
MMC-18-08	141	141.48	0.48	S00354588	Original	trace v.f.g., diss po	1.047	41	50	127	0.5
MMC-18-08	141.48	142.5	1.02	S00354589	Original	1-2% po>>Cp	2.359	99	360	444	0.5
MMC-18-08	142.5	143.82	1.32	S00354591	Original	trace diss po	2.931	24	60	88	0.5
MMC-18-08	143.82	144.61	0.79	S00354592	Original	1% diss po>>cp	1.815	36	150	193	0.5
MMC-18-08	144.61	145.73	1.12	S00354593	Original	trace diss po	2.519	28	80	123	0.5
MMC-18-08	145.73	147.23	1.5	S00354594	Original	trace diss po	3.376	25	100	186	0.5
MMC-18-08	147.23	148.7	1.47	S00354595	Original	trace diss po	3.201	40	280	383	0.5
MMC-18-08	148.7	149.85	1.15	S00354596	Original	trace diss po	2.504	15	50	94	0.5
MMC-18-08	149.85	150.6	0.75	S00354597	Original	1cm qtz vn at low angle to ca. contains trace diss po	1.528	7	20	46	0.5
MMC-18-08	150.6	152.03	1.43	S00354598	Original	EOH	3.197	13	80	110	0.5

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-08	44.2	45.25	1.05	S00354319	3.98	16	200	0.5	0.05	0.4	0.1	8.7	108	0.4	5	1.23	1.3
MMC-18-08	45.25	46.29	1.04	S00354321	11.3	52	460	2	0.3	2.5	0.1	55.3	431	1.6	90	6.33	3.1
MMC-18-08	46.29	47.3	1.01	S00354322	10.5	20	440	2	0.3	2.8	0.1	50.4	390	1.5	137	6.15	2.7
MMC-18-08	47.3	48.44	1.14	S00354323	10.3	12	430	2	0.3	2.3	0.6	42.7	374	1.4	93	5.79	3.1
MMC-18-08	48.44	49.44	1	S00354324	10.9	38	410	2	0.3	3.1	0.1	64.4	408	1.5	115	5.97	2.9
MMC-18-08	49.44	50.2	0.76	S00354325	10.8	51	450	2	0.2	2.5	0.1	56.3	394	1.5	22	5.72	3.6
MMC-18-08	50.2	51.47	1.27	S00354326	4.1	12	140	1	0.05	0.4	0.3	7.2	103	0.3	5	1.19	1.1
MMC-18-08	51.47	51.9	0.43	S00354327	7.87	24	340	2	0.05	1	3.8	31.4	292	0.8	24	3.99	2.6
MMC-18-08	51.9	53	1.1	S00354328	4.05	7	150	0.5	0.05	0.3	0.1	4.3	73	0.3	8	0.82	1.4
MMC-18-08	53	53.7	0.7	S00354329	2.5	7	70	0.5	0.05	0.3	0.1	4.2	84	0.2	12	0.82	0.6
MMC-18-08	53.7	54.49	0.79	S00354331	10.8	10	500	2	0.2	2.2	1.4	72.2	420	1.7	187	6.23	3.5
MMC-18-08	54.49	55.62	1.13	S00354332	9.74	17	440	2	0.2	2.3	0.1	59.3	397	1.2	122	5.96	3
MMC-18-08	55.62	56.54	0.92	S00354333	8.67	17	370	2	0.2	1.9	0.6	52	338	1.1	80	4.93	2.8
MMC-18-08	56.54	57.66	1.12	S00354334	3.95	11	160	0.5	0.05	0.4	0.1	15.4	121	0.3	11	1.84	1.3
MMC-18-08	57.66	58.8	1.14	S00354335	3.64	6	160	0.5	0.05	0.4	0.1	4.9	91	0.3	14	1.08	1.3
MMC-18-08	58.8	59.21	0.41	S00354336	9.32	9	480	1	0.2	0.4	0.1	44.7	352	0.9	103	5.73	3.3
MMC-18-08	59.21	60.36	1.15	S00354337	3.69	11	110	0.5	0.05	0.5	0.1	5.6	92	0.2	1	0.96	1.1
MMC-18-08	60.36	61.45	1.09	S00354338	8.54	4	320	2	0.1	2.5	0.1	32.1	215	1.1	69	5.61	2.1
MMC-18-08	61.45	62.66	1.21	S00354339	5.8	9	220	1	0.05	0.9	0.1	11	118	0.5	5	1.94	1.5
MMC-18-08	62.66	63.74	1.08	S00354341	4.41	8	180	0.5	0.05	0.6	0.1	11.1	93	0.4	11	1.63	1.1
MMC-18-08	63.74	64.76	1.02	S00354342	1.6	6	70	0.5	0.05	0.2	0.1	4.3	54	0.05	9	0.57	0.3
MMC-18-08	64.76	66.17	1.41	S00354343	2.89	23	100	0.5	0.3	0.5	0.1	14.8	85	0.3	15	0.93	0.8
MMC-18-08	66.17	67.4	1.23	S00354344	4.25	7	220	0.5	0.05	1.6	0.1	10	140	0.5	13	1.71	1.5
MMC-18-08	67.4	68.15	0.75	S00354345	3.37	8	150	1	0.05	0.6	0.1	8.5	106	0.3	20	1.17	1.2
MMC-18-08	68.15	69.14	0.99	S00354346	9.6	4	620	2	0.2	0.4	0.1	37.3	324	1.1	94	4.85	3.9
MMC-18-08	69.14	70.21	1.07	S00354347	4.07	14	210	0.5	0.05	0.7	0.1	16.8	143	0.5	25	2.09	1.4
MMC-18-08	70.21	71.19	0.98	S00354348	3.1	8	170	0.5	0.05	0.4	0.1	6.3	102	0.4	13	1.25	1.3
MMC-18-08	71.19	72.23	1.04	S00354349	9.01	12	520	2	0.2	1.9	0.1	47.3	410	1	142	5.57	2.7
MMC-18-08	72.23	73.34	1.11	S00354351	8.81	21	430	1	0.1	2	0.1	44.3	389	0.9	103	5.42	2.4
MMC-18-08	73.34	74.24	0.9	S00354352	8.81	14	440	2	0.1	2.2	0.1	49.6	393	0.8	174	5.63	2.2
MMC-18-08	74.24	74.67	0.43	S00354353	7.21	8	260	1	0.2	1.1	0.1	47.5	403	0.6	122	6.71	1.3
MMC-18-08	74.67	75.45	0.78	S00354354	2.25	8	60	0.5	0.05	0.4	0.1	5.9	64	0.2	16	0.84	0.6
MMC-18-08	75.45	75.75	0.3	S00354355	5.48	24	460	1	0.05	0.6	0.1	22.8	190	0.6	13	2.85	1.8
MMC-18-08	75.75	76.08	0.33	S00354356	5.86	6	220	1	0.05	1.6	0.1	18.3	203	0.7	14	3.6	1
MMC-18-08	76.08	77.15	1.07	S00354357	9.62	26	420	2	0.1	2.6	0.1	42.1	312	0.9	64	5.12	1.9
MMC-18-08	77.15	78.31	1.16	S00354358	9.48	11	350	2	0.05	3.8	0.1	38.1	295	0.6	55	6.05	1.4
MMC-18-08	78.31	79.47	1.16	S00354359	9.45	21	340	2	0.1	3.7	0.1	40.1	322	0.7	84	5.67	1.4
MMC-18-08	79.47	80.69	1.22	S00354361	8.11	18	240	1	0.1	3.8	0.5	50.7	469	0.6	160	5.79	1.2
MMC-18-08	80.69	81.5	0.81	S00354362	8.24	10	250	1	0.1	3.7	0.1	41.2	496	0.6	96	5.65	1.1
MMC-18-08	81.5	82.34	0.84	S00354363	2.12	3	70	0.5	0.05	0.5	0.5	9.1	76	0.1	71	1.25	0.3
MMC-18-08	82.34	83.57	1.23	S00354364	7.94	4	80	1	0.2	4.6	2.4	51.8	422	1.6	158	8.46	0.7
MMC-18-08	83.57	84.65	1.08	S00354365	8.82	4	140	2	0.1	5.6	0.1	43.2	140	3.8	71	9.16	1.2
MMC-18-08	84.65	85.82	1.17	S00354366	8.18	3	190	1	0.1	5	0.1	40.5	122	4.5	103	8.5	1.3
MMC-18-08	85.82	87.05	1.23	S00354367	7.66	5	230	1	0.2	4.6	0.1	41	123	4.9	114	8.96	1.4
MMC-18-08	87.05	88.14	1.09	S00354368	8.46	1.5	270	2	0.2	4.9	0.1	42.2	88	6.2	106	10.3	1.3

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-08	88.14	89.19	1.05	S00354369	7.95	3	300	1	0.1	4.9	0.2	45.6	102	6.1	154	11.1	1.4
MMC-18-08	89.19	90.27	1.08	S00354371	7.63	1.5	300	1	0.2	4.3	0.1	49.6	113	6	213	12.3	1.3
MMC-18-08	90.27	91.35	1.08	S00354372	7.31	4	260	1	0.2	4.2	0.3	48.2	98	5.6	163	11.8	1.2
MMC-18-08	91.35	92.94	1.59	S00354524	7.48	9	230	1	0.2	4.5	0.1	50.8	96	4.5	137	8.56	1.1
MMC-18-08	92.94	93.8	0.86	S00354525	7.62	1.5	290	0.5	0.2	4.5	0.1	59.7	138	8	197	10.1	1.8
MMC-18-08	93.8	94.7	0.9	S00354526	6.93	50	160	1	1.7	4.7	0.3	137	327	1.7	762	9.16	0.6
MMC-18-08	94.7	95.2	0.5	S00354527	7.78	132	140	2	1.7	4.2	0.3	148	441	1.6	1060	9.6	0.6
MMC-18-08	95.2	96.36	1.16	S00354528	6.9	69	180	1	4.2	3.9	0.3	195	368	1.5	1210	9.88	0.8
MMC-18-08	96.36	97.12	0.76	S00354529	6.96	74	170	0.5	3.5	3.7	0.2	178	391	3.6	975	10.5	0.9
MMC-18-08	97.12	97.5	0.38	S00354531	7.08	70	140	0.5	2	3.9	0.3	207	417	3.2	1390	11.4	0.8
MMC-18-08	97.5	97.83	0.33	S00354532	7.3	395	140	0.5	2.2	4.6	0.4	375	414	3	1750	12.2	0.7
MMC-18-08	97.83	98.86	1.03	S00354533	7.04	20	160	0.5	0.8	4.1	0.1	77.6	403	3.6	288	9.3	0.8
MMC-18-08	98.86	99.3	0.44	S00354534	6.82	53	190	1	2.1	3.8	0.2	165	306	3	1100	11.3	1
MMC-18-08	99.3	100	0.7	S00354535	7.25	12	300	1	0.8	3.6	0.1	84	305	5.8	363	9.71	1.7
MMC-18-08	100	101.23	1.23	S00354536	7.26	6	230	1	1	4	0.2	81.4	275	7.1	352	10.1	1.3
MMC-18-08	101.23	101.65	0.42	S00354537	7.46	1.5	240	2	1.1	4.1	0.1	86.6	252	6.9	451	10.2	1.5
MMC-18-08	101.65	102.7	1.05	S00354538	7.75	1.5	250	2	0.8	4.8	0.2	89.5	274	5	583	10.2	1.6
MMC-18-08	102.7	103.4	0.7	S00354539	7.66	10	180	2	2.1	4.5	0.3	127	267	1.6	784	12	1.1
MMC-18-08	103.4	104.89	1.49	S00354541	7.25	28	170	1	7.6	3.9	0.3	253	208	1.6	1890	13.9	0.9
MMC-18-08	104.89	105.83	0.94	S00354542	6.91	26	120	1	14.8	3.9	0.3	370	167	1.5	2680	15.9	0.6
MMC-18-08	105.83	106.41	0.58	S00354543	6.66	63	80	1	18.4	3.7	0.9	486	204	0.6	8670	16.3	0.4
MMC-18-08	106.41	107.03	0.62	S00354544	5.81	20	40	0.5	17.5	3.9	1.2	578	171	0.4	5290	18.4	0.2
MMC-18-08	107.03	107.73	0.7	S00354545	5.57	14	20	0.5	14	3.3	1.2	474	186	0.3	2270	18.6	0.1
MMC-18-08	107.73	108.39	0.66	S00354547	6.41	215	20	0.5	33.7	3.6	1.7	323	220	0.2	6610	13.5	0.1
MMC-18-08	108.39	109.15	0.76	S00354548	7.2	233	40	0.5	23.6	3.9	1.4	373	282	0.2	5880	15.3	0.2
MMC-18-08	109.15	110.63	1.48	S00354549	6.89	322	100	1	31	3.8	1.6	310	408	0.5	7310	12	0.4
MMC-18-08	110.63	111.85	1.22	S00354551	6.85	327	90	1	36.5	3.5	1.5	290	474	0.4	7370	12.3	0.3
MMC-18-08	111.85	112.45	0.6	S00354552	6.86	224	80	0.5	28.4	3.7	1.4	267	520	0.4	7340	12	0.3
MMC-18-08	112.45	113.66	1.21	S00354553	6.73	191	70	0.5	25	3.3	1.1	297	512	0.3	5420	12.7	0.2
MMC-18-08	113.66	114.24	0.58	S00354554	7.42	206	170	1	9.3	4.1	0.6	138	442	0.6	1950	9.53	0.6
MMC-18-08	114.24	115.25	1.01	S00354555	6.43	190	110	0.5	26.5	3.5	1.3	308	478	0.4	6200	11.5	0.4
MMC-18-08	115.25	115.55	0.3	S00354556	7.14	206	110	0.5	27.2	3.7	1.2	310	535	0.4	6580	12.3	0.4
MMC-18-08	115.55	117	1.45	S00354557	6.64	242	110	0.5	27.2	4	1.3	312	584	0.4	5790	12.2	0.4
MMC-18-08	117	118.46	1.46	S00354558	6.49	264	80	0.5	26.7	3.5	1.7	335	595	0.3	7920	12.8	0.3
MMC-18-08	118.46	118.84	0.38	S00354559	6.34	267	90	0.5	26.5	3.4	1.7	341	548	0.3	8350	13.3	0.3
MMC-18-08	118.84	119.32	0.48	S00354561	6.31	296	100	0.5	27.4	4	1.5	339	577	0.3	7860	12.6	0.4
MMC-18-08	119.32	119.78	0.46	S00354562	5.99	330	100	0.5	24.9	3.8	1.5	370	594	0.3	7740	13	0.3
MMC-18-08	119.78	120.24	0.46	S00354563	5.82	307	90	0.5	25.7	3.5	1.7	361	605	0.3	7730	13.6	0.3
MMC-18-08	120.24	120.57	0.33	S00354564	6.12	327	100	0.5	24.9	3.4	1.4	357	582	0.4	7580	12.9	0.3
MMC-18-08	120.57	122.07	1.5	S00354565	5.9	280	110	0.5	24.7	3.8	1.4	335	548	0.4	6390	11.9	0.3
MMC-18-08	122.07	123.03	0.96	S00354566	6.08	182	70	0.5	16.4	4.3	0.9	248	614	0.4	4850	12.4	0.3
MMC-18-08	123.03	124.28	1.25	S00354567	7.15	51	90	0.5	4.4	4.3	0.4	97	567	0.4	1180	10	0.3
MMC-18-08	124.28	124.87	0.59	S00354568	6.88	100	70	0.5	8.3	4.2	0.6	165	523	0.4	2680	10	0.3
MMC-18-08	124.87	126.16	1.29	S00354569	6.54	96	50	0.5	9.6	4.4	0.7	164	526	0.4	2620	10.6	0.2

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-08	126.16	126.83	0.67	S00354571	6.66	54	40	0.5	2.5	4.2	0.2	80.8	514	0.3	576	8.73	0.2
MMC-18-08	126.83	127.32	0.49	S00354572	6.93	158	40	0.5	5.3	4.8	0.5	126	547	0.3	1490	10.6	0.2
MMC-18-08	127.32	128.37	1.05	S00354573	7.32	253	50	0.5	8.7	5.1	0.8	223	346	0.4	2590	11.3	0.2
MMC-18-08	128.37	129.9	1.53	S00354574	6.63	186	40	0.5	20.8	4.4	1.1	314	176	0.5	5590	13.5	0.2
MMC-18-08	129.9	131.21	1.31	S00354575	6.56	150	80	0.5	18.5	4.8	1.1	318	124	1.1	5780	11.7	0.3
MMC-18-08	131.21	131.7	0.49	S00354576	7.05	192	60	1	22.5	4.3	1.3	364	126	0.7	6670	12.4	0.2
MMC-18-08	131.7	132.7	1	S00354577	6.88	226	40	1	21.7	4.6	1.1	387	140	0.4	7150	13.2	0.2
MMC-18-08	132.7	133.7	1	S00354578	7.06	209	40	0.5	22.1	4.8	1.3	395	159	0.3	6610	12.7	0.2
MMC-18-08	133.7	134.7	1	S00354579	6.91	59	60	0.5	15.5	4.4	0.9	283	162	0.6	5280	11.9	0.3
MMC-18-08	134.7	135.7	1	S00354581	7.7	32	60	1	12.4	2.4	1.1	299	166	0.7	8760	13.5	0.3
MMC-18-08	135.7	136.7	1	S00354582	7.91	6	140	2	10.7	2.8	1.6	222	204	1.4	8650	13.5	0.7
MMC-18-08	136.7	137.27	0.57	S00354583	8.34	8	160	2	4.3	2.9	1	95.9	228	2.3	5330	10.7	0.8
MMC-18-08	137.27	138	0.73	S00354584	8.35	39	150	2	6.8	2.3	1	154	230	1.9	5410	11.1	0.7
MMC-18-08	138	139.5	1.5	S00354586	8.02	110	110	1	5.5	3.2	0.1	97.3	305	1.8	433	11.4	0.5
MMC-18-08	139.5	141	1.5	S00354587	7.85	7	130	1	1.6	2.7	0.1	38.3	239	1.2	25	10.7	0.5
MMC-18-08	141	141.48	0.48	S00354588	7.65	27	100	1	1.5	2.6	0.1	41.8	168	1	23	9.45	0.5
MMC-18-08	141.48	142.5	1.02	S00354589	8.76	91	90	1	5.2	2.4	0.1	97.7	162	1.6	357	11.1	0.4
MMC-18-08	142.5	143.82	1.32	S00354591	9.56	4	80	2	1.6	2.2	0.1	41.3	228	1.6	31	10.6	0.4
MMC-18-08	143.82	144.61	0.79	S00354592	8.59	5	80	1	1.9	2.4	0.1	63.5	173	1.6	179	10.8	0.5
MMC-18-08	144.61	145.73	1.12	S00354593	9.35	4	50	1	0.9	1.8	0.1	42.1	195	1.9	32	10.7	0.3
MMC-18-08	145.73	147.23	1.5	S00354594	9.86	5	40	1	0.9	1.3	0.1	30.1	151	1.8	11	9.98	0.3
MMC-18-08	147.23	148.7	1.47	S00354595	9.63	5	50	2	1.8	1.3	0.1	25.4	86	1.9	11	7.93	0.4
MMC-18-08	148.7	149.85	1.15	S00354596	9.4	1.5	210	2	0.7	2.7	0.1	32.3	65	2.2	12	8.87	0.9
MMC-18-08	149.85	150.6	0.75	S00354597	7.7	1.5	190	1	0.3	2	0.1	26.3	60	1.4	12	7.62	0.7
MMC-18-08	150.6	152.03	1.43	S00354598	10.4	1.5	40	2	0.6	1.1	0.1	32.4	55	1.3	33	10.2	0.3

Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-08	44.2	45.25	1.05	S00354319	25.5	7	0.44	110	3	26	0.02	8	0.5	0.5	40	0.5	30	0.5
MMC-18-08	45.25	46.29	1.04	S00354321	21.7	31	3.14	470	5	225	0.04	11	0.5	0.5	31.1	0.5	100	0.5
MMC-18-08	46.29	47.3	1.01	S00354322	21.8	26	2.76	460	4	198	0.02	12	0.5	0.5	27.1	0.5	90	0.5
MMC-18-08	47.3	48.44	1.14	S00354323	21.1	31	3.13	460	4	189	0.03	37	0.5	0.5	30.7	0.5	70	0.5
MMC-18-08	48.44	49.44	1	S00354324	22.2	28	3.13	510	5	236	0.03	12	0.5	0.5	26.6	0.5	100	0.5
MMC-18-08	49.44	50.2	0.76	S00354325	18.6	31	3.34	470	3	155	0.03	10	0.5	0.5	31.6	0.5	90	0.5
MMC-18-08	50.2	51.47	1.27	S00354326	6.1	11	0.54	100	2	29	0.03	12	0.5	0.5	40	0.5	40	0.5
MMC-18-08	51.47	51.9	0.43	S00354327	15.7	39	2.2	370	4	115	0.03	25	0.5	0.5	36.8	0.5	60	0.5
MMC-18-08	51.9	53	1.1	S00354328	11.9	2.5	0.23	80	3	15	0.02	4	0.5	0.5	40	0.5	20	0.5
MMC-18-08	53	53.7	0.7	S00354329	7.3	6	0.19	80	5	16	0.02	8	0.5	0.5	40	0.5	20	0.5
MMC-18-08	53.7	54.49	0.79	S00354331	19.9	37	3.4	490	5	267	0.03	77	0.5	0.5	29.8	0.5	60	0.5
MMC-18-08	54.49	55.62	1.13	S00354332	20.5	30	3.14	450	4	226	0.03	12	0.5	0.5	29.1	0.5	60	0.5
MMC-18-08	55.62	56.54	0.92	S00354333	17.6	36	2.76	380	4	181	0.03	35	0.5	0.5	36.4	0.5	70	0.5
MMC-18-08	56.54	57.66	1.12	S00354334	7.7	14	0.81	170	3	41	0.01	7	0.5	0.5	40	0.5	20	0.5
MMC-18-08	57.66	58.8	1.14	S00354335	7.9	7	0.37	90	4	19	0.02	6	0.5	0.5	39.7	0.5	20	0.5
MMC-18-08	58.8	59.21	0.41	S00354336	12.7	32	2.65	380	5	171	0.03	19	0.5	0.5	33.3	0.5	20	0.5
MMC-18-08	59.21	60.36	1.15	S00354337	11	7	0.29	90	4	15	0.02	3	0.5	0.5	40	0.5	30	0.5
MMC-18-08	60.36	61.45	1.09	S00354338	21	27	2.48	440	2	67	0.03	10	0.5	0.5	32.1	0.5	90	0.5
MMC-18-08	61.45	62.66	1.21	S00354339	13.4	12	0.82	160	3	25	0.02	7	0.5	0.5	38.2	0.5	50	0.5
MMC-18-08	62.66	63.74	1.08	S00354341	9.2	9	0.68	150	2	25	0.02	5	0.5	0.5	39.6	0.5	30	0.5
MMC-18-08	63.74	64.76	1.02	S00354342	2.9	2.5	0.05	60	2	7	0.005	10	0.5	0.5	40	0.5	5	0.5
MMC-18-08	64.76	66.17	1.41	S00354343	5.9	2.5	0.28	90	3	30	0.01	10	0.5	0.5	40	0.5	20	0.5
MMC-18-08	66.17	67.4	1.23	S00354344	5.2	9	0.69	220	4	37	0.01	10	0.5	0.5	40	0.5	30	0.5
MMC-18-08	67.4	68.15	0.75	S00354345	14.6	7	0.42	110	4	33	0.01	5	0.5	0.5	39	0.5	30	0.5
MMC-18-08	68.15	69.14	0.99	S00354346	24.1	26	2.59	390	4	129	0.02	7	0.5	0.5	31.2	0.5	20	0.5
MMC-18-08	69.14	70.21	1.07	S00354347	9	13	1.08	200	3	54	0.02	4	0.5	0.5	36.8	0.5	30	0.5
MMC-18-08	70.21	71.19	0.98	S00354348	13.6	7	0.47	130	3	20	0.02	4	0.5	0.5	40	0.5	20	0.5
MMC-18-08	71.19	72.23	1.04	S00354349	16.4	28	3.12	560	4	203	0.02	8	0.5	0.5	26.9	0.5	110	0.5
MMC-18-08	72.23	73.34	1.11	S00354351	13.4	27	3.01	550	4	165	0.03	8	0.5	0.5	32.1	0.5	100	0.5
MMC-18-08	73.34	74.24	0.9	S00354352	17.6	26	2.97	590	5	170	0.03	9	0.5	0.5	29.3	0.5	110	0.5
MMC-18-08	74.24	74.67	0.43	S00354353	16.5	32	3.88	700	4	147	0.02	18	0.5	0.5	31	0.5	70	0.5
MMC-18-08	74.67	75.45	0.78	S00354354	7.8	5	0.27	100	2	18	0.01	6	0.5	0.5	40	0.5	30	0.5
MMC-18-08	75.45	75.75	0.3	S00354355	8.3	18	1.57	320	3	53	0.02	8	0.5	0.5	36	0.5	50	0.5
MMC-18-08	75.75	76.08	0.33	S00354356	13	21	2.01	410	4	45	0.02	8	0.5	0.5	35.3	0.5	120	0.5
MMC-18-08	76.08	77.15	1.07	S00354357	20.4	26	2.87	610	3	105	0.03	12	0.5	0.5	28.4	0.5	190	0.5
MMC-18-08	77.15	78.31	1.16	S00354358	19.2	29	3.24	700	3	81	0.03	14	0.5	0.5	26.9	0.5	240	0.5
MMC-18-08	78.31	79.47	1.16	S00354359	18	30	3.31	660	2	97	0.04	14	0.5	0.5	28.2	0.5	250	0.5
MMC-18-08	79.47	80.69	1.22	S00354361	21.4	26	3.08	690	5	161	0.05	22	0.5	0.5	30.1	0.5	220	0.5
MMC-18-08	80.69	81.5	0.81	S00354362	23.9	26	2.95	660	5	141	0.05	21	0.5	0.5	29	0.5	250	0.5
MMC-18-08	81.5	82.34	0.84	S00354363	9.4	2.5	0.36	130	3	25	0.01	18	0.5	0.5	40	0.5	30	0.5
MMC-18-08	82.34	83.57	1.23	S00354364	19.6	28	2.94	960	3	162	0.06	118	0.5	0.5	30.1	0.5	240	0.5
MMC-18-08	83.57	84.65	1.08	S00354365	22.1	23	2.43	1210	2	46	0.06	13	0.5	0.5	30.3	0.5	290	0.5
MMC-18-08	84.65	85.82	1.17	S00354366	21.7	21	2.13	1260	1	43	0.06	12	0.5	0.5	28.2	0.5	260	0.5
MMC-18-08	85.82	87.05	1.23	S00354367	23	20	2	1190	2	39	0.06	14	0.5	0.5	26	0.5	220	0.5
MMC-18-08	87.05	88.14	1.09	S00354368	24.8	21	2.29	1440	1	43	0.05	15	0.5	0.5	30.1	2	250	0.5

Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-08	88.14	89.19	1.05	S00354369	24.3	22	2.54	1500	1	47	0.05	15	0.5	0.5	29.8	2	240	0.5
MMC-18-08	89.19	90.27	1.08	S00354371	23.2	19	2.62	1600	1	59	0.05	12	0.5	0.5	26.2	2	210	0.5
MMC-18-08	90.27	91.35	1.08	S00354372	24.8	24	2.64	1470	1	49	0.04	24	0.5	0.5	27.3	2	190	0.5
MMC-18-08	91.35	92.94	1.59	S00354524	18.4	21	2.86	1300	1	56	0.04	14	0.5	0.5	24.4	1	250	0.5
MMC-18-08	92.94	93.8	0.86	S00354525	16.8	22	3.44	1310	1	68	0.04	13	0.5	0.5	25.7	1	250	0.5
MMC-18-08	93.8	94.7	0.9	S00354526	20.4	18	3.71	1260	11	1160	0.04	13	1.39	0.5	26	1	250	2
MMC-18-08	94.7	95.2	0.5	S00354527	22.3	19	3.75	1140	13	1330	0.05	12	1.56	0.5	25.8	1	230	1
MMC-18-08	95.2	96.36	1.16	S00354528	22.1	20	3.37	1080	23	2250	0.04	12	2.02	0.5	24.3	1	230	3
MMC-18-08	96.36	97.12	0.76	S00354529	19.3	19	3.24	1210	18	1910	0.04	12	1.98	0.5	24.7	1	230	2
MMC-18-08	97.12	97.5	0.38	S00354531	18.5	20	3.47	1200	22	2240	0.03	13	2.27	0.5	23.6	1	250	2
MMC-18-08	97.5	97.83	0.33	S00354532	19.4	21	3.29	1270	35	3080	0.04	17	3.08	0.5	25.9	1	270	2
MMC-18-08	97.83	98.86	1.03	S00354533	19	27	3.47	1260	8	536	0.04	16	0.5	0.5	26	1	290	0.5
MMC-18-08	98.86	99.3	0.44	S00354534	19.8	21	2.81	1270	23	1620	0.04	16	1.82	0.5	23	0.5	240	2
MMC-18-08	99.3	100	0.7	S00354535	21.9	24	3.17	1300	9	624	0.05	21	0.5	0.5	24.7	0.5	230	0.5
MMC-18-08	100	101.23	1.23	S00354536	20.4	23	3.04	1350	9	551	0.04	18	1.12	0.5	26.3	0.5	230	0.5
MMC-18-08	101.23	101.65	0.42	S00354537	19.9	22	3.17	1380	8	512	0.04	21	1.29	0.5	27.4	0.5	230	0.5
MMC-18-08	101.65	102.7	1.05	S00354538	20.7	21	3.45	1430	9	518	0.05	21	1.53	0.5	30.9	0.5	200	0.5
MMC-18-08	102.7	103.4	0.7	S00354539	18.8	26	3.81	1420	15	1200	0.04	20	2.01	0.5	28.7	0.5	200	1
MMC-18-08	103.4	104.89	1.49	S00354541	14.9	20	3.7	1420	31	4260	0.04	23	3.39	0.5	24.5	0.5	170	4
MMC-18-08	104.89	105.83	0.94	S00354542	13.6	16	3.83	1220	41	6910	0.03	28	4.99	0.5	22.8	0.5	140	6
MMC-18-08	105.83	106.41	0.58	S00354543	11.7	15	4.18	1240	48	8020	0.03	25	6.25	0.5	20.7	0.5	110	7
MMC-18-08	106.41	107.03	0.62	S00354544	11.6	16	4.58	1200	18	10700	0.03	15	7.02	0.5	20.7	0.5	80	7
MMC-18-08	107.03	107.73	0.7	S00354545	8.6	18	4.94	1290	10	9070	0.02	13	6.78	0.5	19.7	0.5	80	5
MMC-18-08	107.73	108.39	0.66	S00354547	10.2	20	5.29	1510	6	3860	0.03	24	3.3	0.5	21.7	1	90	10
MMC-18-08	108.39	109.15	0.76	S00354548	10.4	19	5.06	1390	11	5730	0.03	30	4.92	0.5	22.8	1	100	8
MMC-18-08	109.15	110.63	1.48	S00354549	15.6	18	4.56	1270	7	4910	0.03	33	3.9	0.5	23.8	2	150	9
MMC-18-08	110.63	111.85	1.22	S00354551	15.4	17	4.18	1170	7	6250	0.03	30	3.94	0.5	21.3	2	150	10
MMC-18-08	111.85	112.45	0.6	S00354552	16.4	17	4.44	1180	12	5070	0.03	32	3.55	0.5	22	2	150	8
MMC-18-08	112.45	113.66	1.21	S00354553	15.1	18	4.8	1190	12	5180	0.03	33	3.71	0.5	21.9	2	130	7
MMC-18-08	113.66	114.24	0.58	S00354554	12.9	21	5.48	1260	4	2110	0.03	36	1.24	0.5	24.6	1	150	2
MMC-18-08	114.24	115.25	1.01	S00354555	15.4	17	4.52	1160	8	5670	0.03	36	3.65	0.5	22.6	2	140	6
MMC-18-08	115.25	115.55	0.3	S00354556	16.4	17	4.48	1190	7	5450	0.03	32	3.48	0.5	22.5	2	130	7
MMC-18-08	115.55	117	1.45	S00354557	15	20	5.21	1220	11	5870	0.03	29	3.4	0.5	25.5	39	120	7
MMC-18-08	117	118.46	1.46	S00354558	14.2	21	5.41	1250	12	6310	0.04	24	3.9	0.5	24.4	35	90	8
MMC-18-08	118.46	118.84	0.38	S00354559	14.2	19	5.14	1310	12	6020	0.03	28	4.26	0.5	22.8	2	100	7
MMC-18-08	118.84	119.32	0.48	S00354561	14.1	20	5.63	1290	12	6140	0.04	24	3.6	0.5	25.1	2	90	8
MMC-18-08	119.32	119.78	0.46	S00354562	14.1	20	5.44	1300	13	6540	0.04	23	4.11	0.5	23.5	2	90	7
MMC-18-08	119.78	120.24	0.46	S00354563	15.4	20	5.51	1300	15	6940	0.04	23	4.19	0.5	23.4	2	90	7
MMC-18-08	120.24	120.57	0.33	S00354564	14.8	16	4.82	1260	10	5900	0.03	26	3.84	0.5	20.9	2	90	7
MMC-18-08	120.57	122.07	1.5	S00354565	13.8	17	5.19	1240	12	5090	0.04	30	3.25	0.5	24.3	2	100	6
MMC-18-08	122.07	123.03	0.96	S00354566	13.3	16	4.74	1420	9	3870	0.03	21	2.68	0.5	23.6	2	100	4
MMC-18-08	123.03	124.28	1.25	S00354567	13.2	18	4.98	1410	4	876	0.03	25	0.5	0.5	25	1	130	1
MMC-18-08	124.28	124.87	0.59	S00354568	12.6	17	4.33	1390	8	1940	0.03	25	1.78	0.5	23.8	1	140	2
MMC-18-08	124.87	126.16	1.29	S00354569	12.6	16	4.81	1560	7	2300	0.04	20	1.81	0.5	25.2	2	120	3



Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-08	126.16	126.83	0.67	S00354571	11.7	17	4.89	1510	2	592	0.03	14	0.5	0.5	23.9	1	140	0.5
MMC-18-08	126.83	127.32	0.49	S00354572	11.4	16	4.88	1540	5	1570	0.03	24	1.21	0.5	25	1	120	2
MMC-18-08	127.32	128.37	1.05	S00354573	10.7	16	5.74	1640	8	2450	0.03	24	1	0.5	25.2	6	160	3
MMC-18-08	128.37	129.9	1.53	S00354574	13.1	13	4.08	1340	10	4750	0.02	20	2.87	0.5	23.9	8	130	5
MMC-18-08	129.9	131.21	1.31	S00354575	14.9	13	4.18	1200	16	5220	0.03	22	2.72	0.5	26.3	8	160	5
MMC-18-08	131.21	131.7	0.49	S00354576	13.6	11	3.79	1150	11	5010	0.04	22	3.12	0.5	22.5	4	130	6
MMC-18-08	131.7	132.7	1	S00354577	12	11	4.08	1190	13	5490	0.03	22	3.24	0.5	22.6	2	120	7
MMC-18-08	132.7	133.7	1	S00354578	10.3	11	4.46	1150	11	5990	0.03	22	3.35	0.5	22.6	7	120	7
MMC-18-08	133.7	134.7	1	S00354579	10	15	4.74	1090	9	4600	0.03	16	2.49	0.5	24.8	6	100	5
MMC-18-08	134.7	135.7	1	S00354581	12.3	20	4.74	920	10	4970	0.02	18	3.31	0.5	22.8	2	80	6
MMC-18-08	135.7	136.7	1	S00354582	11.4	23	5.4	940	11	5270	0.04	26	2.81	0.5	24	2	80	6
MMC-18-08	136.7	137.27	0.57	S00354583	13.8	25	5.86	870	2	1860	0.05	10	0.5	0.5	25.6	2	80	3
MMC-18-08	137.27	138	0.73	S00354584	15.6	22	5.23	800	6	3920	0.04	17	1.88	0.5	24	2	70	4
MMC-18-08	138	139.5	1.5	S00354586	12.1	30	6.81	860	6	3170	0.05	13	0.5	0.5	22.7	1	50	3
MMC-18-08	139.5	141	1.5	S00354587	11	25	6.54	920	1	707	0.05	5	0.5	0.5	22.6	1	40	0.5
MMC-18-08	141	141.48	0.48	S00354588	12.7	26	6.58	880	1	719	0.07	5	0.5	0.5	24.1	1	60	0.5
MMC-18-08	141.48	142.5	1.02	S00354589	10.5	27	6.01	780	1	3450	0.06	9	0.5	0.5	22.9	1	60	3
MMC-18-08	142.5	143.82	1.32	S00354591	15.4	33	6.95	900	1	805	0.06	7	0.5	0.5	24.3	1	70	0.5
MMC-18-08	143.82	144.61	0.79	S00354592	11.7	30	6.46	960	1	1570	0.05	9	0.5	0.5	24.4	1	60	0.5
MMC-18-08	144.61	145.73	1.12	S00354593	6.8	33	7.03	910	1	713	0.05	7	0.5	0.5	23.4	1	50	0.5
MMC-18-08	145.73	147.23	1.5	S00354594	2.4	36	6.71	760	1	600	0.04	7	0.5	0.5	23	1	40	0.5
MMC-18-08	147.23	148.7	1.47	S00354595	3.1	28	5.63	640	1	498	0.03	11	0.5	0.5	25.1	0.5	50	0.5
MMC-18-08	148.7	149.85	1.15	S00354596	2.3	26	5.76	870	1	441	0.02	15	0.5	0.5	23.7	1	70	0.5
MMC-18-08	149.85	150.6	0.75	S00354597	2.1	21	4.87	750	1	324	0.03	10	0.5	0.5	27.7	0.5	70	0.5
MMC-18-08	150.6	152.03	1.43	S00354598	2	34	6.36	770	1	433	0.04	6	0.5	0.5	23.5	0.5	50	0.5

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-08	44.2	45.25	1.05	S00354319	0.14	29	2.5	10.8	1.1	19		0.00087	0.0005	0.0026	0.006
MMC-18-08	45.25	46.29	1.04	S00354321	0.55	304	2.5	15.4	1.4	55		0.00553	0.009	0.0225	0.014
MMC-18-08	46.29	47.3	1.01	S00354322	0.5	294	2.5	13.4	1.4	56		0.00504	0.0137	0.0198	0.015
MMC-18-08	47.3	48.44	1.14	S00354323	0.44	280	2.5	12.4	1.4	150		0.00427	0.0093	0.0189	0.015
MMC-18-08	48.44	49.44	1	S00354324	0.49	321	2.5	13.8	1.5	101		0.00644	0.0115	0.0236	0.017
MMC-18-08	49.44	50.2	0.76	S00354325	0.54	317	2.5	14.1	1.3	58		0.00563	0.0022	0.0155	0.011
MMC-18-08	50.2	51.47	1.27	S00354326	0.11	39	2.5	6.3	0.6	54		0.00072	0.0005	0.0029	0.006
MMC-18-08	51.47	51.9	0.43	S00354327	0.34	175	2.5	11.3	1	684		0.00314	0.0024	0.0115	0.012
MMC-18-08	51.9	53	1.1	S00354328	0.09	18	2.5	6.4	0.6	13		0.00043	0.0008	0.0015	0.006
MMC-18-08	53	53.7	0.7	S00354329	0.05	11	2.5	4.5	0.4	37		0.00042	0.0012	0.0016	0.006
MMC-18-08	53.7	54.49	0.79	S00354331	0.49	334	2.5	14.1	1.4	263		0.00722	0.0187	0.0267	0.021
MMC-18-08	54.49	55.62	1.13	S00354332	0.45	296	2.5	13.6	1.5	65		0.00593	0.0122	0.0226	0.0145
MMC-18-08	55.62	56.54	0.92	S00354333	0.35	242	2.5	10.7	1.1	133		0.0052	0.008	0.0181	0.0115
MMC-18-08	56.54	57.66	1.12	S00354334	0.11	52	2.5	5.1	0.5	29		0.00154	0.0011	0.0041	0.0065
MMC-18-08	57.66	58.8	1.14	S00354335	0.1	22	2.5	5.8	0.5	15		0.00049	0.0014	0.0019	0.006
MMC-18-08	58.8	59.21	0.41	S00354336	0.3	237	2.5	10.5	1	60		0.00447	0.0103	0.0171	0.0115
MMC-18-08	59.21	60.36	1.15	S00354337	0.08	15	2.5	6.6	0.4	8		0.00056	0.0001	0.0015	0.006
MMC-18-08	60.36	61.45	1.09	S00354338	0.64	201	2.5	13.6	1.6	48		0.00321	0.0069	0.0067	0.0085
MMC-18-08	61.45	62.66	1.21	S00354339	0.29	49	2.5	8.3	0.9	19		0.0011	0.0005	0.0025	0.006
MMC-18-08	62.66	63.74	1.08	S00354341	0.13	39	2.5	5.9	0.6	17		0.00111	0.0011	0.0025	0.0065
MMC-18-08	63.74	64.76	1.02	S00354342	0.02	2.5	2.5	2.5	0.3	43		0.00043	0.0009	0.0007	0.006
MMC-18-08	64.76	66.17	1.41	S00354343	0.06	24	2.5	3.4	0.4	28		0.00148	0.0015	0.003	0.0105
MMC-18-08	66.17	67.4	1.23	S00354344	0.11	59	2.5	4.7	0.5	38		0.001	0.0013	0.0037	0.0065
MMC-18-08	67.4	68.15	0.75	S00354345	0.11	25	2.5	8.9	0.8	13		0.00085	0.002	0.0033	0.006
MMC-18-08	68.15	69.14	0.99	S00354346	0.42	241	2.5	12.7	1.4	51		0.00373	0.0094	0.0129	0.0105
MMC-18-08	69.14	70.21	1.07	S00354347	0.14	77	2.5	5.7	0.5	22		0.00168	0.0025	0.0054	0.0075
MMC-18-08	70.21	71.19	0.98	S00354348	0.08	28	2.5	5.3	0.5	20		0.00063	0.0013	0.002	0.006
MMC-18-08	71.19	72.23	1.04	S00354349	0.38	307	2.5	10.8	1.2	64		0.00473	0.0142	0.0203	0.0195
MMC-18-08	72.23	73.34	1.11	S00354351	0.35	298	2.5	9.6	0.9	70		0.00443	0.0103	0.0165	0.0175
MMC-18-08	73.34	74.24	0.9	S00354352	0.4	280	2.5	12.3	1.2	67		0.00496	0.0174	0.017	0.0125
MMC-18-08	74.24	74.67	0.43	S00354353	0.23	312	2.5	11.7	1.3	84		0.00475	0.0122	0.0147	0.0105
MMC-18-08	74.67	75.45	0.78	S00354354	0.06	12	2.5	4.9	0.4	18		0.00059	0.0016	0.0018	0.006
MMC-18-08	75.45	75.75	0.3	S00354355	0.14	111	2.5	5	0.6	45		0.00228	0.0013	0.0053	0.0085
MMC-18-08	75.75	76.08	0.33	S00354356	0.36	159	2.5	9	0.9	49		0.00183	0.0014	0.0045	0.0065
MMC-18-08	76.08	77.15	1.07	S00354357	0.48	236	2.5	14.9	1.5	70		0.00421	0.0064	0.0105	0.0095
MMC-18-08	77.15	78.31	1.16	S00354358	0.61	286	2.5	15.1	1.4	85		0.00381	0.0055	0.0081	0.0085
MMC-18-08	78.31	79.47	1.16	S00354359	0.61	296	2.5	15.6	1.4	84		0.00401	0.0084	0.0097	0.01
MMC-18-08	79.47	80.69	1.22	S00354361	0.37	335	2.5	19.3	1.8	139		0.00507	0.016	0.0161	0.014
MMC-18-08	80.69	81.5	0.81	S00354362	0.31	309	2.5	19.8	2	75		0.00412	0.0096	0.0141	0.0125
MMC-18-08	81.5	82.34	0.84	S00354363	0.08	24	2.5	6	0.6	70		0.00091	0.0071	0.0025	0.006
MMC-18-08	82.34	83.57	1.23	S00354364	0.52	333	2.5	23.4	2.2	509		0.00518	0.0158	0.0162	0.013
MMC-18-08	83.57	84.65	1.08	S00354365	0.97	240	2.5	25.1	2.4	133		0.00432	0.0071	0.0046	0.017
MMC-18-08	84.65	85.82	1.17	S00354366	0.87	237	2.5	24.8	2.3	131		0.00405	0.0103	0.0043	0.011
MMC-18-08	85.82	87.05	1.23	S00354367	0.86	222	2.5	24.2	2.4	145		0.0041	0.0114	0.0039	0.009
MMC-18-08	87.05	88.14	1.09	S00354368	0.86	245	2.5	24.8	2.7	133		0.00422	0.0106	0.0043	0.0075

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-08	88.14	89.19	1.05	S00354369	0.89	266	2.5	23.3	2.5	132		0.00456	0.0154	0.0047	0.009
MMC-18-08	89.19	90.27	1.08	S00354371	0.94	278	2.5	19.9	2.4	121		0.00496	0.0213	0.0059	0.01
MMC-18-08	90.27	91.35	1.08	S00354372	0.98	303	2.5	23.5	2.4	141		0.00482	0.0163	0.0049	0.013
MMC-18-08	91.35	92.94	1.59	S00354524	0.96	383	2.5	19.3	1.9	128		0.00508	0.0137	0.0056	0.0085
MMC-18-08	92.94	93.8	0.86	S00354525	1.05	414	2.5	18.1	1.8	134		0.00597	0.0197	0.0068	0.0085
MMC-18-08	93.8	94.7	0.9	S00354526	0.63	382	2.5	21.1	2.1	115		0.0137	0.0762	0.116	0.128
MMC-18-08	94.7	95.2	0.5	S00354527	0.62	400	2.5	22.1	2.1	110		0.0148	0.106	0.133	0.214
MMC-18-08	95.2	96.36	1.16	S00354528	0.61	398	2.5	22.5	2.2	114		0.0195	0.121	0.225	0.284
MMC-18-08	96.36	97.12	0.76	S00354529	0.78	389	2.5	20	2	122		0.0178	0.0975	0.191	0.294
MMC-18-08	97.12	97.5	0.38	S00354531	0.54	410	2.5	17.6	1.6	114		0.0207	0.139	0.224	0.26
MMC-18-08	97.5	97.83	0.33	S00354532	0.58	406	2.5	18.1	2	113		0.0375	0.175	0.308	0.523
MMC-18-08	97.83	98.86	1.03	S00354533	0.51	366	2.5	17.4	1.9	106		0.00776	0.0288	0.0536	0.073
MMC-18-08	98.86	99.3	0.44	S00354534	0.53	340	2.5	19.7	2.1	102		0.0165	0.11	0.162	0.213
MMC-18-08	99.3	100	0.7	S00354535	0.48	381	2.5	22.6	2.2	98		0.0084	0.0363	0.0624	0.066
MMC-18-08	100	101.23	1.23	S00354536	0.62	353	2.5	21.5	2.1	103		0.00814	0.0352	0.0551	0.061
MMC-18-08	101.23	101.65	0.42	S00354537	0.7	370	2.5	21.5	2.3	98		0.00866	0.0451	0.0512	0.061
MMC-18-08	101.65	102.7	1.05	S00354538	0.65	405	2.5	22.3	2	106		0.00895	0.0583	0.0518	0.124
MMC-18-08	102.7	103.4	0.7	S00354539	0.57	378	2.5	20.2	1.8	107		0.0127	0.0784	0.12	0.232
MMC-18-08	103.4	104.89	1.49	S00354541	0.52	366	2.5	16.4	1.5	101		0.0253	0.189	0.426	0.504
MMC-18-08	104.89	105.83	0.94	S00354542	0.37	346	2.5	13.2	1.3	88		0.037	0.268	0.691	0.771
MMC-18-08	105.83	106.41	0.58	S00354543	0.31	353	2.5	10.5	1	111		0.0486	0.867	0.802	1.461
MMC-18-08	106.41	107.03	0.62	S00354544	0.28	331	2.5	9.6	0.9	121		0.0578	0.529	1.07	0.837
MMC-18-08	107.03	107.73	0.7	S00354545	0.26	330	2.5	8.9	1	124		0.0474	0.227	0.907	0.762
MMC-18-08	107.73	108.39	0.66	S00354547	0.34	361	2.5	10.4	1	146		0.0323	0.661	0.386	2.187
MMC-18-08	108.39	109.15	0.76	S00354548	0.32	384	2.5	10.6	1.1	126		0.0373	0.588	0.573	1.346
MMC-18-08	109.15	110.63	1.48	S00354549	0.4	335	2.5	13.7	1.4	125		0.031	0.731	0.491	1.71
MMC-18-08	110.63	111.85	1.22	S00354551	0.39	343	2.5	13.4	1.4	117		0.029	0.737	0.625	2.102
MMC-18-08	111.85	112.45	0.6	S00354552	0.36	359	2.5	12.2	1.5	118		0.0267	0.734	0.507	1.889
MMC-18-08	112.45	113.66	1.21	S00354553	0.36	366	2.5	12.8	1.3	116		0.0297	0.542	0.518	1.393
MMC-18-08	113.66	114.24	0.58	S00354554	0.33	380	2.5	13.5	1.3	102		0.0138	0.195	0.211	0.563
MMC-18-08	114.24	115.25	1.01	S00354555	0.39	341	2.5	13.9	1.6	119		0.0308	0.62	0.567	1.584
MMC-18-08	115.25	115.55	0.3	S00354556	0.44	336	2.5	14.3	1.5	120		0.031	0.658	0.545	1.731
MMC-18-08	115.55	117	1.45	S00354557	0.44	406	2.5	16.1	1.4	121		0.0312	0.579	0.587	1.665
MMC-18-08	117	118.46	1.46	S00354558	0.44	456	2.5	15.8	1.4	138		0.0335	0.792	0.631	1.672
MMC-18-08	118.46	118.84	0.38	S00354559	0.5	441	2.5	16	1.6	145		0.0341	0.835	0.602	1.766
MMC-18-08	118.84	119.32	0.48	S00354561	0.48	474	2.5	18	1.6	135		0.0339	0.786	0.614	1.62
MMC-18-08	119.32	119.78	0.46	S00354562	0.49	470	2.5	17.4	1.6	137		0.037	0.774	0.654	1.743
MMC-18-08	119.78	120.24	0.46	S00354563	0.48	445	2.5	18.4	1.7	138		0.0361	0.773	0.694	1.89
MMC-18-08	120.24	120.57	0.33	S00354564	0.49	414	2.5	15.8	1.7	132		0.0357	0.758	0.59	1.577
MMC-18-08	120.57	122.07	1.5	S00354565	0.44	476	2.5	17.9	1.6	139		0.0335	0.639	0.509	1.633
MMC-18-08	122.07	123.03	0.96	S00354566	0.45	469	2.5	17.2	1.7	127		0.0248	0.485	0.387	1.162
MMC-18-08	123.03	124.28	1.25	S00354567	0.45	436	2.5	14.9	1.6	109		0.0097	0.118	0.0876	0.245
MMC-18-08	124.28	124.87	0.59	S00354568	0.44	418	2.5	14.9	1.7	115		0.0165	0.268	0.194	0.561
MMC-18-08	124.87	126.16	1.29	S00354569	0.47	443	2.5	17	1.8	123		0.0164	0.262	0.23	0.662

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-08	126.16	126.83	0.67	S00354571	0.42	430	2.5	13.8	1.5	105		0.00808	0.0576	0.0592	0.158
MMC-18-08	126.83	127.32	0.49	S00354572	0.41	428	2.5	13.5	1.6	116		0.0126	0.149	0.157	0.407
MMC-18-08	127.32	128.37	1.05	S00354573	0.38	341	2.5	11.8	1.4	111		0.0223	0.259	0.245	0.683
MMC-18-08	128.37	129.9	1.53	S00354574	0.38	239	2.5	11.4	1.3	95		0.0314	0.559	0.475	1.551
MMC-18-08	129.9	131.21	1.31	S00354575	0.41	259	2.5	12.9	1.3	98		0.0318	0.578	0.522	1.423
MMC-18-08	131.21	131.7	0.49	S00354576	0.39	242	2.5	13.9	1.7	94		0.0364	0.667	0.501	1.638
MMC-18-08	131.7	132.7	1	S00354577	0.38	230	2.5	13	1.6	95		0.0387	0.715	0.549	1.843
MMC-18-08	132.7	133.7	1	S00354578	0.38	228	2.5	12.1	1.5	99		0.0395	0.661	0.599	1.794
MMC-18-08	133.7	134.7	1	S00354579	0.37	246	2.5	10.2	1.1	85		0.0283	0.528	0.46	1.415
MMC-18-08	134.7	135.7	1	S00354581	0.44	250	2.5	9.8	1.2	103		0.0299	0.876	0.497	1.491
MMC-18-08	135.7	136.7	1	S00354582	0.54	275	2.5	13.4	1.6	120		0.0222	0.865	0.527	1.391
MMC-18-08	136.7	137.27	0.57	S00354583	0.63	279	2.5	18.6	1.9	95		0.00959	0.533	0.186	0.521
MMC-18-08	137.27	138	0.73	S00354584	0.57	269	2.5	16.7	1.7	88		0.0154	0.541	0.392	1.154
MMC-18-08	138	139.5	1.5	S00354586	0.64	319	2.5	17.5	1.7	69		0.00973	0.0433	0.317	0.865
MMC-18-08	139.5	141	1.5	S00354587	0.62	290	2.5	13.3	1.5	69		0.00383	0.0025	0.0707	0.249
MMC-18-08	141	141.48	0.48	S00354588	0.62	269	2.5	15	1.6	70		0.00418	0.0023	0.0719	0.218
MMC-18-08	141.48	142.5	1.02	S00354589	0.63	245	2.5	15.6	1.7	64		0.00977	0.0357	0.345	0.903
MMC-18-08	142.5	143.82	1.32	S00354591	0.61	295	2.5	19.9	1.8	76		0.00413	0.0031	0.0805	0.172
MMC-18-08	143.82	144.61	0.79	S00354592	0.63	282	2.5	19.6	2	76		0.00635	0.0179	0.157	0.379
MMC-18-08	144.61	145.73	1.12	S00354593	0.57	306	2.5	16.4	1.6	77		0.00421	0.0032	0.0713	0.231
MMC-18-08	145.73	147.23	1.5	S00354594	0.46	289	2.5	13.2	1.3	70		0.00301	0.0011	0.06	0.311
MMC-18-08	147.23	148.7	1.47	S00354595	0.27	204	2.5	11.5	1.1	55		0.00254	0.0011	0.0498	0.703
MMC-18-08	148.7	149.85	1.15	S00354596	0.47	277	2.5	10.7	1.1	68		0.00323	0.0012	0.0441	0.159
MMC-18-08	149.85	150.6	0.75	S00354597	0.44	201	2.5	11	1.1	57		0.00263	0.0012	0.0324	0.073
MMC-18-08	150.6	152.03	1.43	S00354598	0.47	272	2.5	11.7	1.1	68		0.00324	0.0033	0.0433	0.203

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-09	DD	NQ	Jacob Bellrose; Phil Trudel		425	350	400.26

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-09	MMC-18-09_Header_Core Photos_MMC-18-09_Bx81-84_343.92-357.08_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_5-8,_17.63-34.72m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_57-60_239.96-257.06_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_53-56_222.85-239.96_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_17-20,_68.88-85.75m_wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_65-68_274.04-291.48_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_1-4,_1.15-17.63m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_25-28,_102.75-119.89m_wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_73-76_308.95-326.40_m_Dry.JPG   MMC-18-09_Header_Core Photos_Mineralization_MMC-18-11_Cpy_in_Qtz_Vein.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_21-24,_85.75-102.75m_wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_57-60_239.96-257.06_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_81-84_343.42-357.08_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_73-76_308.95-326.40_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_61-64_257.06-274.04_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_9-12,_34.72-51.98m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_93_395.01-400.26_m_Wet_EOH.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_5-8,_17.63-34.72m_wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_17-20,_68.88-85.75m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_85-88_357.08-375.61_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_1-4,_1.15-17.63m_wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_9-12,_34.72-51.98m_wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_77-80_330.73-343.92_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_89-92_374.61-395.01_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_21-24,_85.75-102.75m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_61-64_257.06-274.04_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_69-72_291.48-308.95_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_77-80_330.73-343.92_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_89-92_374.61-395.01_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_53-56_222.85-239.96_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_85-88_357.08-375.61_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_93_395.01-400.26_m_Dry_EOH.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_13-16,_51.98-68.88m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_65-68_274.04-291.48_m_Dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_25-28,_102.75-119.89m_dry.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bx_69-72_291.48-308.95_m_Wet.JPG   MMC-18-09_Header_Core Photos_MMC-18-09_Bxs_13-16,_51.98-68.88m_wet.JPG	Planned	NAD83 / UTM zone 17N

Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-09	NAD83 / UTM zone 17N	5133840	5133840	436454	436454	370

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-09	Exp	Mt	Coreshed	PAT-42274	2018-11-26	2018-12-06



Hole number	Comments
MMC-18-09	Reset meter marks at ~54.40m by ~15cm in rubble zone; redrill @161.92-162.02; redrill and grind @167.38-167.70; @ 149.94-150.54; 179.72-179.89 reset from next block to compensate for discrepancy meter marks and rill blocks

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-09	2018-11-23	2018-11-30	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-09	0	1.15	Overburden	OB	first block at 3m
MMC-18-09	1.15	7	Metasediments	1A	Grey, fine to dominantly (>90%) medium grained quartzite. Weak fine bedding defined by thin black silty laminae on 1-20cm scale. Weak shallow foliation observed defined by mineral alignment. Patchy hematite+oxide. Sharp rusty lower contact.
MMC-18-09	7	7.2	Structure	FLT	Broken core with orange/brown oxidized jointing, centered on ~3cm of gouge material. Hosted in quartzite. Sharp lower contact.
MMC-18-09	7.2	46.24	Metasediments	1A	As above quartzite. Increasing bedding with depth past ~18m. Local well defined gradational bedding within ~25cm beds with near pebble size bases observed, fining up-hole and often topped by ~4cm black silt bed. Contains ~m-scale silt rich to coarse quartz-rich silicified units often containing ~0.5-1% blue quartz eyes (1-3mm, sub rounded) and ~2% detrital white 2mm feldspar. Sharp lower contact.
MMC-18-09	46.24	47.63	Metasediments	1D	Similar to above quartzite. Quartz grains up to 2-3mm define basal portions of well defined gradational beds on ~20-30cm scale. Fining direction up-hole. Trace detrital feldspar grains along bedding bases ~1mm, often pinkish. ~5cm scale silty beds mark bedding tops and transition into next bedding sequence. Lower contact marked at silt layer.
MMC-18-09	47.63	53.35	Metasediments	1A	As above quartzite. Upper contact marked by 4cm silt bed.
MMC-18-09	53.35	54.57	Structure	FLT	Rubble core with strong shearing and hematite+orange oxide alteration
MMC-18-09	54.57	63.46	Metasediments	1A	As above quartzite. Strong alteration over~1m from fault zone.
MMC-18-09	63.46	63.86	Structure	SHR	Strongly foliated quartzite hosted shear zone. Strong parallel jointing with hematite-orange oxide alteration.
MMC-18-09	63.86	64.97	Metasediments	1A	As above quartzite. Hematite alteration throughout.
MMC-18-09	64.97	65.43	Structure	SHR	Strongly foliated quartzite hosted shear zone. Strong parallel jointing with hematite-orange oxide alteration. Gouge present.
MMC-18-09	65.43	67.72	Metasediments	1A	As above quartzite. Hematite alteration throughout.
MMC-18-09	67.72	68.13	Structure	SHR	Strongly foliated quartzite hosted shear zone. Strong parallel jointing with hematite-orange oxide alteration.
MMC-18-09	68.13	128.91	Metasediments	1A	Grey to light grey dominantly medium grained, equigranular quartzite. Few <1m silicified coarser grained sections with ~2-10% detrital white feldspar and trace 2mm rounded blue quartz eyes. Moderate thin black silty bedding defined by laminae on cm to ~1m scale with local ~10cm silt beds. Very weak local gradational beds on ~15cm scale, fining up-hole. Local weak ~1cm dilation zone with chlorite infilling and dextral sense observed at ~108.50-108.60m.
MMC-18-09	128.91	131.43	Metasediments	1C	feldspathic quartzite; white to beige; coarse grained w/ silicified fine-grained matrix; inclined bedding; altered fractures crosscutting; ~30% coarse plagioclase feldspar grains, white, equant, subangular, ~3-5 mm in size; ~5% mafic grains, dark green, irregular, ~1-3 mm in size, some look elongated, likely amphibole from hornfels metamorphism; 65% v.fine-grained silicified matrix; inclined bedding defined by thin dark laminae ~1 cm in size; blue quartz eyes common in silicified sections.
MMC-18-09	131.43	137.34	Metasediments	1A	gray quartzite; fine to medium-grained; inclined bedding, normal grading; massive to weak foliation; equigranular; ~70% subangular quartz grains; ~30% gray matrix; Py along fractures and bedding planes is common.
MMC-18-09	137.34	138.44	Metasediments	1C	essentially the same feldspathic quartzite as previously described, but with abundant crossbedding present.
MMC-18-09	138.44	149.94	Metasediments	1A	gray quartzite; fine to medium-grained; inclined bedding, normal grading; massive to weak foliation; equigranular; ~70% subangular quartz grains; ~30% gray matrix; decimetre scale interbeds of siltstone and of feldspathic quartzite; siltstone is gray and moderately to strongly foliated w/fine mm-scale laminae; feldspathic quartzite is similar to others with coarse sand-sized plagioclase feldspar grains in a silicified matrix with thin mm-scale laminae of dark siltstone (or of heavy mineral bands?).

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-09	149.94	150.54	Lost core	LC	blocky section
MMC-18-09	150.54	181.12	Metasediments	1A	same gray quartzite as before section of lost core
MMC-18-09	181.12	188.23	Metasediments	1C	feldspathic quartzite; white to beige; coarse grained w/ silicified fine-grained matrix; inclined bedding; black alteration along fractures and patchy throughout; ~30% coarse plagioclase feldspar grains, white, equant, subangular, ~3-5 mm in size; ~10% mafic grains, dark green, irregular to elongated, ~1 mm in size, some look elongated, likely amphibole from hornfels metamorphism; 60% v.fine-grained silicified matrix; inclined bedding defined by thin dark laminae ~0.5-1 cm thick; blue quartz eyes common in silicified sections.
MMC-18-09	188.23	232.4	Metasediments	1A	gray quartzite; fine to medium-grained; inclined bedding; very weak foliation; equigranular; ~70% subangular quartz grains; ~30% gray matrix; decimetre scale interbeds of black and white banded feldspathic quartzite; black appears to be bedding controlled alteration? of feldspathic quartzite, alteration is sometimes patchy; @ ~198-199 m quartzite is bleached white quartzite; decimetre scale interbeds of gray to beige siltstone; finely laminated and strongly foliated.
MMC-18-09	232.4	236.89	Metasediments	1C	beige-slightly pink silicified feldspathic quartzite; weakly foliated; rare dark mm-scale laminae, mostly massive texture; patchy diffuse gray-black alteration; ~60% plagioclase feldspar, white, rounded to subrounded, equant; ~5% mafics, dark green, irregular to elongated, chlorite or amphibole?, defines foliation; ~35% silicified matrix; alteration is somewhat bedding controlled; two cm-sized sporadic blebs of Po, likely hydrothermal remobilization.
MMC-18-09	236.89	252.77	Metasediments	1A	gray quartzite; fine to medium-grained; inclined bedding; massive to weak foliation; equigranular; ~70% subangular quartz grains; ~30% gray matrix; decimetre scale intrbeds of gray siltstone.
MMC-18-09	252.77	263.79	Metasediments	1C	beige silicified feldspathic quartzite; moderately foliated; dark mm-scale laminae; patchy diffuse gray-black alteration along bedding; ~60% plagioclase feldspar, white, rounded to subrounded, equant; ~5% mafics, dark green, irregular to elongated, chlorite or amphibole?, defines foliation; ~35% silicified matrix.
MMC-18-09	263.79	265.58	Upper Unit	4D	coarse biotite quartz diorite; coarse grained; pale green; strongly foliated w/dtca ~60, defined by alignment of plagioclase, biotite, and mafics; sharp sheared upper contact and sharp lower contact w/hornfels metasediments; 40% plagioclase, white, anhedral, equant, ~1-3 mm; ~10% biotite, brown, subhedral, platy, ~1 mm in length, 1:3 aspect ratio; 5% quartz, blue, anhedral, equant; 45% mafics, pale green, anhedral, elongated along foliation, probably chloritized amphibole or pyroxene; several pale yellow sericite veins ~90 dtca.
MMC-18-09	265.58	266.08	Metasediments	1A	strongly foliated fine-grained silicified quartzite intercalation
MMC-18-09	266.08	267.24	Metasediments	1C	hornfels metasediments intercalated with bt Qtz diorite dykelets ~10-30 cm thick; foliation is pervasive and is the same in metaseds as they are in the bt Qtz diorite
MMC-18-09	267.24	268.7	Veining	QV	large bull quartz vein with thin intercalations of sheared bt Qtz diorite up to 10 cm thick; some fault gouge as well in one of the intercalations; fracture filled Po in quartz vein; quartz vein is foliated the same as the bt Qtz diorite.
MMC-18-09	268.7	269.68	Structure	SHR	strongly sheared bt Qtz diorite with several cm-scale quartz-carbonate veins and yellow sericite veins sheared the same as the diorite; sharp upper contact with quartz vein and transitional lower contact into fine-grained bt Qtz diorite.
MMC-18-09	269.68	270.37	Upper Unit	4D	fine-grained biotite quartz diorite; gray-green; strongly foliated; transitional upper contact with shearzone and sharp lower contact with metasediments; 30% plagioclase, gray, anhedral, equant, ~1 mm; ~10% quartz, blue-gray, anhedral, equant, < 1-3 mm; 10% biotite, brown-black, subhedral, platy, defines foliation; ~3-5% sericite, yellow, anhedral, elongated, <1 mm in length; 45% mafics, dark green, anhedral, elongated along foliation.
MMC-18-09	270.37	271.75	Metasediments	1C	hornfels quartzite

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-09	271.75	272.51	Upper Unit	4D	coarse-grained biotite quartz diorite; similar to other coarse-grained biotite quartz diorite except that plagioclase grains are ~1-3 mm large, subhedral to euhedral, and is only moderately foliated; trace diss Po along foliation planes
MMC-18-09	272.51	272.9	Metasediments	1C	same as B4
MMC-18-09	272.9	278.03	Upper Unit	4D	medium-coarse grained biotite quartz diorite similar to others; moderately to strongly foliated; sharp upper and lower contacts with metased intercalations.
MMC-18-09	278.03	278.05	Metasediments	1C	massive spotted hornfels quartzite
MMC-18-09	278.05	279.95	Upper Unit	4D	same as B4
MMC-18-09	279.95	281.01	Metasediments	1C	weakly foliated spotted-mottled hornfels quartzite
MMC-18-09	281.01	286.49	Upper Unit	4D	medium-grained biotite quartz diorite; massive to weakly foliated; ~50% plagioclase, gray, anhedral to subhedral, equant to elongated laths, ~1-3 mm, common anhedral clusters (glomerocrysts?) of plagioclase ~5 mm in size; ~15% biotite, black-brown, subhedral, platy, ~1 mm in size, 1:3 aspect ratio, defines foliation, 5% quartz, gray-clear, anhedral, equant, ~1-3 mm in size; ~30% mafics, dark-pale green, anhedral, elongated along foliation, probably chloritized amphibole; trace diss Po and Cpy mineralization; defining feature of this unit is the increase in mineralization and increase in plagioclase grain size and abundance.
MMC-18-09	286.49	294.39	Metasediments	1C	mottled hornfels quartzite with weak-moderate foliation defined by diffuse black alteration; some remnant bedding present.
MMC-18-09	294.39	294.53	Upper Unit	4D	fine-grained biotite quartz diorite
MMC-18-09	294.53	294.81	Metasediments	1C	same as B4
MMC-18-09	294.81	296.46	Upper Unit	4D	medium-grained biotite quartz diorite; massive; ~50% plagioclase, gray, anhedral to subhedral, equant to elongated laths, ~1-3 mm, common anhedral clusters (glomerocrysts?) of plagioclase ~5 mm in size; ~15% biotite, black-brown, subhedral, platy, ~1 mm in size, 1:3 aspect ratio, defines foliation, 5% quartz, gray-clear, anhedral, equant, ~1-3 mm in size; ~30% mafics, dark-pale green, anhedral, elongated along foliation, probably chloritized amphibole; trace diss Po and Cpy mineralization; defining feature of this unit is the increase in mineralization and increase in plagioclase grain size and abundance.
MMC-18-09	296.46	297.33	Metasediments	1C	mottled moderately foliated quartzite intercalation with remnant bedding
MMC-18-09	297.33	297.99	Upper Unit	4D	similar to medium-grained biotite quartz diorite as before except moderately foliated now; ~1% diss and foliation controlled mineralization
MMC-18-09	297.99	299.74	Metasediments	1C	foliated mottled hornfels quartzite w/strongly foliated dykelets of bt qtz diorite ~10-30 cm thick.
MMC-18-09	299.74	304.48	Upper Unit	4D	similar to bt qtz diorite at 263.79 m; main difference is the mineralization (~1-3% disseminated and foliation controlled Po with minor Cpy) and the increase in quartz (~10-15% blue quartz eyes ~3-5 mm in size)
MMC-18-09	304.48	306.32	Metasediments	1C	strongly foliated mottled hornfels quartzite w/strongly foliated dykelets of bt qtz diorite ~5-10 cm thick.
MMC-18-09	306.32	307.14	Upper Unit	4D	fine-grained biotite quartz diorite with coarse-grained sporadic leucocratic pods associated with mineralization.
MMC-18-09	307.14	307.47	Metasediments	1C	same as B4
MMC-18-09	307.47	308.34	Upper Unit	4D	same fine-grained diorite with coarse-grained leucocratic sections as B4
MMC-18-09	308.34	312.07	Metasediments	1C	massive-moderately foliated quartzite with dark diffuse spotting and disseminated mafic grains and remnant bedding and laminae.
MMC-18-09	312.07	313.1	Upper Unit	4D	medium-grained biotite quartz diorite with foliated very-coarse grained pod of alteration; biotite quartz diorite; moderately foliated; pale green; ~10% biotite, defining foliation; ~55% mafics, fine-grained groundmass; 30% plagioclase, fine-grained, anhedral; 5% quartz grains; coarse alteration pod has sporadic coarse leucocratic clusters of quartz and plagioclase with grains ~0.5-1 cm in size; trace diss and foliation controlled Po.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-09	313.1	313.31	Metasediments	1C	hornfels metased intercalation
MMC-18-09	313.31	319.71	Upper Unit	4D	medium-grained biotite quartz diorite; same description as at 312.07 m; coarse-leucocratic pod next to shear from 314.30-314.38 m; mineralized with trace up to 1% diss and foliation controlled Po and Cpy.
MMC-18-09	319.71	320.39	Metasediments	1C	hornfels metased intercalation
MMC-18-09	320.39	324.4	Upper Unit	4D	coarse-grained biotite quartz diorite; weakly foliated; sharp contact with metaedimentary unit and sharp sheared lower contact with Nipissing gabbro; coarser blebby to disseminated sulphides; ~40% plagioclase, gray, anhedral, equant, ~1 mm in size; ~10% quartz, blue-gray, anhedral, equant, 1 mm in size; ~10-15% biotite, black, subhedral, platy, defines foliation; 40% mafics, dark green, fine-grained groundmass; cm-sized rock fragment @ ~323 m.
MMC-18-09	324.4	328.48	Lower Unit	3A	medium-grained Nipissing gabbro; massive texture to weak foliation; dark green-black; sporadic v.coarse grained leucocratic pods that are often associated with mineralization; blebby and quartz+carb vein controlled mineralization; ~55% plagioclase, white, anhedral to subhedral, irregular to equant anhedral clusters and subhedral elongated laths, ~1-3 mm in size; ~40% mafics, dark green, anhedral to subhedral, equant anhedral clusters and subhedral elongated prismatic grains, ~1-3 mm in size; ~5% biotite, black, anhedral, equant to platy, <1 mm in size. @325.07-325.40 very coarse pegmatitic leucocratic pod
MMC-18-09	328.48	332.68	Lower Unit	3A	fine- medium grained nipissing; massive texture; black matrix; rare diss and blebby mineralization; some coarse leucocratic pods with blebby mineralization; ~70% plagioclase feldspar, white, subhedral to euhedral, generally 1-5 mm long, plagioclase laths have aspect ratio 1:5; ~30% mafic, black-dark green, subhedral, elongated prismatic, ~1-3 mm long, probably amphibole after pyroxene grains, some paler green fine-grained groundmass likley chloritized amphibole and pyroxene.
MMC-18-09	332.68	336.47	Lower Unit	3A	similar to above unit except it is moderately foliated; strange oxide phase with biotite clusters surrounding grains appear; increased abundance of anhedral plagioclase+quartz clusters; more heavily chloritized mafics in matrix; v.coarse leucocratic pod ~335.18-335.33 with chlorite vein: ~336.28 clusters of pale pink-creamy coloured mineral (leucoxene?).
MMC-18-09	336.47	337.03	Veining	QV	bull quartz vein w/dtca 55; carbonate and broken up wallrock and chlorite at margins of vein.
MMC-18-09	337.03	337.21	Lower Unit	3A	block of nipissing likely broken up during veining
MMC-18-09	337.21	338.1	Veining	QV	same bull quartz vein as before with dtca varying between 15-30 dtca;
MMC-18-09	338.1	339.43	Structure	SHR	shear w/dtca 55; shearing occuring after veining? rock itself is very-coarse grained strongly foliated Nipissing
MMC-18-09	339.43	342.93	Lower Unit	3B	very-coarse grained Nipissing gabbro; strongly foliated, possibly still part of the shear above, foliation is defined by alignment of biotite and chlorite; 60% plagioclase, white, subhedral to euhedral, equant to elongated laths, 0.5-1 cm in size; ~30% mafics, biotite and chlorite and needle-like amphibole; green to brown, platy to acicular, ~1 mm in length, defining foliation and often wrapping around plagioclase and quartz grains; ~5-10% quartz, blue-gray, anhedral, equant, ~3 mm in size; trace amounts of strange black oxide surrounded by clusters of biotite; trace diss and foliation controlled Po and Cpy mineralization.
MMC-18-09	342.93	344.4	Lower Unit	3B	same unit as above except with moderate to weak foliation instead of strong foliation.
MMC-18-09	344.4	350.73	Lower Unit	3B	Nipissing quartz gabbro; very-coarse grained; massive to weakly foliated; transitional upper contact with upper more strongly foliated Nipissing quartz gabbro and sharp lower contact w/bull quartz vein; no mineralization; ~55% plagioclase feldspar, white, anhedral to euhedral, anhedral equant to irregular clusters and euhedral elongated laths, ~0.5-2 cm in size; ~5% quartz, gray-clear, anhedral, equant, associated with anhedral clusters of plagioclase, ~1-5 mm in size; ~40% mafics, dark green, subhedral to euhedral, elongated prismatic, ~0.5-1 cm in length, aspect ratio ~1:5, also minor amounts of biotite and chlorite associated with amphibole.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-09	350.73	351.33	Veining	QV	bull quartz vein w/dtca contacts of 60 upper contact and 70 for lower contact
MMC-18-09	351.33	352.63	Lower Unit	3A	medium grained Nipissing gabbro; dark green; massive texture; transitional upper contact with very coarse grained Nipissing quartz gabbro and transitional lower contact with melagabbro; ~60% mafics, dark green, anhedral to subhedral, elongated to irregular, elongated subhedral prismatic grains and irregular clusters surrounding plagioclase, ~1-3 mm in size; ~40% plagioclase, white, subhedral, elongated laths, randomly oriented laths of plagioclase; no mineralization.
MMC-18-09	352.63	353.45	Upper Unit	4B	melagabbro; pale green; massive texture; transitional upper and lower contacts, appears to be incorporating blocks of medium-grained Nipissing into it; presence of several 1-3 cm sized rock fragments; very fine grained (<1 mm) disseminated Cpy and Po mineralization; ~20-30% plagioclase, white, anhedral, equant, 0.5-1 mm in size; ~40% amphibole, green, anhedral to subhedral, equant to elongated grains; 25% fine-grained mafic groundmass, likely chloritized amphibole and pyroxene; 5% biotite, black, anhedral, platy, <1 mm in size.
MMC-18-09	353.45	354.95	Lower Unit	3A	same description of medium-grained nipissing gabbro as above; likely blocks of nipissing incorporated into melagabbro; rock fragments ~1-3 cm in size present in nipissing blocks as well.
MMC-18-09	354.95	360.22	Upper Unit	4B	same description as melagabbro above.
MMC-18-09	360.22	366.76	Lower Unit	3A	medium-grained Nipissing; massive texture; dark green; transitional upper and lower contacts with melagabbro; ~20-30% plagioclase, white, subhedral, elongated laths; 70-80% mafics, dark green, anhedral to subhedral, elongated prismatic grains, probably amphibole after pyroxene; rare trace diss Po.
MMC-18-09	366.76	367.22	Upper Unit	4B	very-fine grained melagabbro; dark green to black; slightly foliated and sheared?; several carbonate veins crosscutting with Cpy and Po; honestly might just be a shear that was fine-grained in Nipissing
MMC-18-09	367.22	367.37	Structure	SHR	medium-grained Nipissing; massive texture; dark green; transitional upper and lower contacts with melagabbro; ~20-30% plagioclase, white, subhedral, elongated laths; 70-80% mafics, dark green, anhedral to subhedral, elongated prismatic grains, probably amphibole after pyroxene; rare trace diss Po.
MMC-18-09	367.37	367.69	Structure	SHR	thin shear in Nipissing gabbro with trace diss Cpy only in shear
MMC-18-09	367.69	367.81	Lower Unit	3A	medium-grained Nipissing; massive texture; dark green; transitional upper and lower contacts with melagabbro; ~20-30% plagioclase, white, subhedral, elongated laths; 70-80% mafics, dark green, anhedral to subhedral, elongated prismatic grains, probably amphibole after pyroxene; rare trace diss Po.
MMC-18-09	367.81	367.99	Structure	SHR	shear through Nipissing gabbro with several mm-scale quartz+carbonate veins with Cpy and Po along them
MMC-18-09	367.99	383.82	Lower Unit	3A	medium-coarse grained Nipissing; massive texture; dark green; transitional upper and lower contacts with melagabbro; ~20-30% plagioclase, white, subhedral, elongated laths; 70-80% mafics, dark green, anhedral to subhedral, elongated prismatic grains, probably amphibole after pyroxene; rare trace diss Po.
MMC-18-09	383.82	394.78	Lower Unit	3A	medium-fine grained Nipissing gabbro; very similar to above unit, the only main difference is the proportion of plagioclase to amphibole (a decrease in plag only ~10-15%).
MMC-18-09	394.78	398.86	Lower Unit	3A	fine-grained Nipissing gabbro; grain size decreases ~1 mm in size and is grayish-green colour; cm-sized rock fragments ~396.50-398.20 m
MMC-18-09	398.86	400.25	Lower Unit	3A	medium-grained Nipissing gabbro
MMC-18-09	400.25	400.26	End of hole	End of hole	

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb
MMC-18-09	71.26	71.65	0.39	S00355313	Original	local shear with trace py and aspy	0.829	81	5
MMC-18-09	79.43	79.97	0.54	S00355314	Original	trace diss po	1.133	3	5
MMC-18-09	260.88	261.9	1.02	S00355315	Original	metaseds	2.077	0.5	5
MMC-18-09	261.9	262.71	0.81	S00355316	Original	1% po from qtz vn in metaseds	1.775	0.5	5
MMC-18-09	262.71	263.04	0.33	S00355317	Original	20% po in massive po+chl vn in quartzite	0.716	3	5
MMC-18-09	263.04	263.65	0.61	S00355318	Original	3% pocp in qtz vn	1.299	5	5
MMC-18-09	263.65	264.1	0.45	S00355319	Original	trace po	0.897	0.5	5
MMC-18-09	264.1	265.1	1	S00355321	Original	trace diss po	2.248	0.5	5
MMC-18-09	265.1	265.46	0.36	S00355322	Original	chl vn	0.781	0.5	5
MMC-18-09	265.46	266.09	0.63	S00355323	Original	trace fol controlled po	1.299	0.5	5
MMC-18-09	266.09	266.42	0.33	S00355324	Original	1% foliation controlled po	0.705	3	5
MMC-18-09	266.42	267.31	0.89	S00355325	Original		1.762	0.5	5
MMC-18-09	267.31	268.08	0.77	S00355326	Original	qtz vn in dio with fault gouge	1.88	0.5	5
MMC-18-09	268.08	268.78	0.7	S00355327	Original	bull qtz vn cut by chl vn	1.285	0.5	5
MMC-18-09	268.78	269.78	1	S00355329	Original	shearzone in btqd	0.892	0.5	5
MMC-18-09	269.78	270.35	0.57	S00355331	Original	trace diss po	1.123	0.5	5
MMC-18-09	270.35	271.76	1.41	S00355332	Original	metased	2.967	0.5	5
MMC-18-09	271.76	272.48	0.72	S00355333	Original	trace diss po	1.613	1	5
MMC-18-09	272.48	272.91	0.43	S00355334	Original		0.859	3	5
MMC-18-09	272.91	274.04	1.13	S00355335	Original	1% diss po	2.488	1	5
MMC-18-09	274.04	275.42	1.38	S00355336	Original	trace diss po	3.064	0.5	5
MMC-18-09	275.42	276.46	1.04	S00355337	Original	trace diss po	2.274	0.5	5
MMC-18-09	276.46	277.43	0.97	S00355338	Original	1% diss po	2.076	0.5	5
MMC-18-09	277.43	278.03	0.6	S00355339	Original	1% diss po	1.129	0.5	5
MMC-18-09	278.03	278.91	0.88	S00355341	Original		1.855	0.5	5
MMC-18-09	278.91	279.95	1.04	S00355342	Original	trace diss and fol controlled po	1.938	0.5	5
MMC-18-09	279.95	281.01	1.06	S00355343	Original		2.186	0.5	5
MMC-18-09	281.01	282.36	1.35	S00355344	Original	trace diss po	2.873	0.5	5
MMC-18-09	282.36	282.7	0.34	S00355345	Original	1% diss po with minor cp	0.74	1	10
MMC-18-09	282.7	283.99	1.29	S00355346	Original	trace diss po	2.668	0.5	10
MMC-18-09	283.99	285.15	1.16	S00355347	Original	1% po with minor cp as diss and fol controlled	2.376	2	20
MMC-18-09	285.15	286.46	1.31	S00355348	Original	diss trace po	2.707	0.5	5
MMC-18-09	294.81	295.8	0.99	S00355349	Original	trace diss po	1.852	2	10
MMC-18-09	295.8	296.46	0.66	S00355351	Original	trace diss po	1.232	1	5
MMC-18-09	296.46	297.38	0.92	S00355352	Original		1.729	0.5	5
MMC-18-09	297.38	297.95	0.57	S00355353	Original	1% diss po with ser vn	1.176	0.5	5
MMC-18-09	297.95	298.88	0.93	S00355354	Original		1.898	0.5	5
MMC-18-09	298.88	299.77	0.89	S00355355	Original		1.728	0.5	5
MMC-18-09	299.77	300.78	1.01	S00355356	Original	1% diss po	2.028	0.5	5
MMC-18-09	300.78	301.85	1.07	S00355358	Original	1% diss-blebby to fol controlled po	2.276	0.5	5
MMC-18-09	301.85	302.95	1.1	S00355359	Original	1% diss po	2.528	0.5	5
MMC-18-09	302.95	304.01	1.06	S00355361	Original	trace diss po with minor cp	2.461	0.5	10
MMC-18-09	304.01	304.5	0.49	S00355362	Original	1% cppo	1.108	0.5	5
MMC-18-09	304.5	305.93	1.43	S00355363	Original		3.089	0.5	5
MMC-18-09	305.93	306.33	0.4	S00355364	Original		0.778	0.5	5



Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb
MMC-18-09	306.33	307.1	0.77	S00355365	Original	trace diss po	1.707	0.5	5
MMC-18-09	307.1	307.47	0.37	S00355366	Original		0.683	0.5	5
MMC-18-09	307.47	308.34	0.87	S00355367	Original	trace diss po	1.669	1	5
MMC-18-09	312.07	313.1	1.03	S00355368	Original	1% po with minor cp and coarse alt pod	2.305	0.5	10
MMC-18-09	313.1	313.39	0.29	S00355369	Original		0.629	0.5	5
MMC-18-09	313.39	314.4	1.01	S00355371	Original	1% po with minor cp fol controlled with 10cm shear	2.053	1	10
MMC-18-09	314.4	315.41	1.01	S00355372	Original	1% fol to diss po	2.176	2	20
MMC-18-09	315.41	316.5	1.09	S00355373	Original	0.5% diss po with minor cp	2.221	3	5
MMC-18-09	316.5	317.65	1.15	S00355374	Original	1% po with mnor cp diss to fol controlled	2.933	1	5
MMC-18-09	317.65	318.64	0.99	S00355375	Original	1% po fol controlled	2.14	1	5
MMC-18-09	318.64	319.79	1.15	S00355376	Original	trace diss po	2.38	0.5	5
MMC-18-09	319.79	320.39	0.6	S00355377	Original		1.208	0.5	5
MMC-18-09	320.39	320.98	0.59	S00355378	Original	trace diss po	1.26	4	10
MMC-18-09	320.98	321.51	0.53	S00355379	Original	5% po with minor cp associated with qtz.carb vns	0.559	0.5	5
MMC-18-09	321.51	322.68	1.17	S00355381	Original	1% po with minor cp foliation controlled	2.478	0.5	5
MMC-18-09	322.68	323.77	1.09	S00355382	Original	1% diss po>cp fol controlled	2.472	0.5	5
MMC-18-09	323.77	324.45	0.68	S00355383	Original	1% po with minor cp fol controlled	1.54	3	30
MMC-18-09	324.45	325.51	1.06	S00355384	Original	5% po with minor cp blebby in nip associated with leucocratic pods	2.458	35	50
MMC-18-09	325.51	326.09	0.58	S00355386	Original	20% net textured po, 1% cp	1.412	47	40
MMC-18-09	326.09	326.65	0.56	S00355387	Original	10% blebby to fol controlled po>cp (70/30)	1.264	117	90
MMC-18-09	326.65	327.77	1.12	S00355388	Original	10% blebby to fol controlled pocp in Nip	2.756	261	300
MMC-18-09	327.77	328.44	0.67	S00355389	Original	5-7% blebby and fol controlled pocp	1.57	209	390
MMC-18-09	328.44	329.29	0.85	S00355391	Original	1% diss pocp	1.938	52	40
MMC-18-09	329.29	330.17	0.88	S00355392	Original	1% diss to blebby pocp	1.936	24	20
MMC-18-09	330.17	330.88	0.71	S00355393	Original	0.5% cp diss within leucocratic pods in Nip	1.528	0.5	5
MMC-18-09	330.88	331.92	1.04	S00355394	Original	leucocratic pods with trace diss cppo	2.322	0.5	5
MMC-18-09	331.92	332.97	1.05	S00355395	Original	oxide alteration	2.226	0.5	5
MMC-18-09	332.97	333.66	0.69	S00355396	Original	oxides (?)	1.469	0.5	5
MMC-18-09	333.66	334.08	0.42	S00355397	Original	sheared contact between 2 nipissings. 5% carb vn hosted cppo	0.9	20	20
MMC-18-09	334.08	335.17	1.09	S00355399	Original	trace pocp concentrated in patchy leucocratic pods	2.402	0.5	5
MMC-18-09	335.17	336.25	1.08	S00355401	Original	v.c.g., nip with unknown mineral	2.222	0.5	5
MMC-18-09	336.25	336.57	0.32	S00355402	Original	5% diss cppo in leucocratic pods with chl	0.588	0.5	5
MMC-18-09	336.57	337	0.43	S00355403	Original	qtz/carb vn with chl	0.795	0.5	5
MMC-18-09	337	337.32	0.32	S00355404	Original	block between vns	0.759	74	5
MMC-18-09	337.32	338.13	0.81	S00355405	Original	bull qtz with carb and fragments of gabr	1.812	0.5	5
MMC-18-09	338.13	339.46	1.33	S00355406	Original	shear in v.c.g., nip with oxides	2.797	0.5	5
MMC-18-09	339.46	340.35	0.89	S00355407	Original	strongly foliated, coarse nip	1.88	0.5	5
MMC-18-09	340.35	340.8	0.45	S00355408	Original	1% fract controlled cp>po	0.918	0.5	5
MMC-18-09	340.8	341.85	1.05	S00355409	Original	trace diss cppo	2.41	0.5	5
MMC-18-09	341.85	342.19	0.34	S00355411	Original	trace diss pocp in ser vn	0.715	0.5	5
MMC-18-09	342.19	343.2	1.01	S00355412	Original		2.095	0.5	5
MMC-18-09	343.2	344.41	1.21	S00355413	Original		2.575	0.5	5
MMC-18-09	344.41	345.45	1.04	S00355414	Original		2.245	0.5	5
MMC-18-09	345.45	346.54	1.09	S00355415	Original		2.415	0.5	5
MMC-18-09	346.54	347.71	1.17	S00355416	Original		2.636	0.5	5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb
MMC-18-09	347.71	348.99	1.28	S00355417	Original	bt drops out, coarse nip	2.811	0.5	5
MMC-18-09	348.99	350.01	1.02	S00355418	Original		2.152	0.5	5
MMC-18-09	350.01	350.75	0.74	S00355419	Original		1.661	0.5	5
MMC-18-09	350.75	351.33	0.58	S00355421	Original	bull qtz	1.073	0.5	5
MMC-18-09	351.33	351.99	0.66	S00355422	Original		1.419	0.5	5
MMC-18-09	351.99	352.83	0.84	S00355423	Original		1.826	0.5	5
MMC-18-09	352.83	353.6	0.77	S00355424	Original		1.602	1	5
MMC-18-09	353.6	354.92	1.32	S00355425	Original	nip block in melagabbro	3.214	1	5
MMC-18-09	354.92	355.92	1	S00355426	Original		2.18	4	10
MMC-18-09	355.92	356.84	0.92	S00355427	Original		2.062	2	10
MMC-18-09	356.84	357.86	1.02	S00355428	Original	trace cppo	2.363	2	20
MMC-18-09	357.86	358.59	0.73	S00355429	Original		0.845	9	20
MMC-18-09	358.59	358.96	0.37	S00355431	Original	0.5% cp in carb vns	0.707	13	30
MMC-18-09	358.96	360.18	1.22	S00355432	Original	v.f.g., diss cppo	2.804	54	140
MMC-18-09	360.18	360.5	0.32	S00355433	Original	1% cppo in qtz/carb	0.664	30	20
MMC-18-09	360.5	361.4	0.9	S00355434	Original		1.931	19	20
MMC-18-09	361.4	362.49	1.09	S00355435	Original		2.441	9	10
MMC-18-09	362.49	363.71	1.22	S00355436	Original	trace diss po	2.754	4	20
MMC-18-09	363.71	365.11	1.4	S00355437	Original		3.242	6	20
MMC-18-09	365.11	366.45	1.34	S00355438	Original		3.106	6	20
MMC-18-09	366.45	367.37	0.92	S00355439	Original	1-3% cp>po in shear and carb vns	2.178	17	50
MMC-18-09	367.37	368.07	0.7	S00355441	Original	1% cp in shear and qtz/carb vns	1.657	14	30
MMC-18-09	368.07	369.06	0.99	S00355442	Original		2.403	3	20
MMC-18-09	374.93	376.04	1.11	S00355443	Original	trace diss po	2.423	5	10
MMC-18-09	376.04	376.97	0.93	S00355444	Original	trace diss pocp	2.035	0.5	5
MMC-18-09	376.97	377.96	0.99	S00355445	Original	trace diss pocp	2.116	1	5
MMC-18-09	377.96	378.96	1	S00355446	Original	trace diss pocp	2.373	6	10
MMC-18-09	378.96	384.85	5.89	S00355447	Original	trace diss cppo	2.411	3	20
MMC-18-09	384.85	385.89	1.04	S00355448	Original	trace diss po	2.391	6	30
MMC-18-09	391.89	392.98	1.09	S00355449	Original	trace diss pocp	2.36	0.5	5
MMC-18-09	392.98	394.08	1.1	S00355451	Original	trace diss po	2.539	0.5	5
MMC-18-09	394.08	395.13	1.05	S00355452	Original		2.695	1	5
MMC-18-09	395.13	395.89	0.76	S00355453	Original	trace cp in carb vns	1.765	0.5	5

Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-09	71.26	71.65	0.39	S00355313	2	3	9.05	1630	600	3	2.6	0.05	0.1	30.6	139	2.6
MMC-18-09	79.43	79.97	0.54	S00355314	0.5	1	1.31	1.5	150	0.5	0.4	0.05	0.1	4.3	62	0.4
MMC-18-09	260.88	261.9	1.02	S00355315	0.5	1	1.9	1.5	100	0.5	0.05	0.05	0.1	2.8	53	0.2
MMC-18-09	261.9	262.71	0.81	S00355316	0.5	1	2.25	1.5	100	0.5	0.05	0.1	0.1	17.8	62	0.2
MMC-18-09	262.71	263.04	0.33	S00355317	294	3	7.3	524	200	0.5	0.4	3.3	1.5	463	24	1.1
MMC-18-09	263.04	263.65	0.61	S00355318	83	0.5	2.7	237	150	0.5	0.05	0.4	0.1	104	57	0.3
MMC-18-09	263.65	264.1	0.45	S00355319	5	1	4.59	4	390	1	0.1	0.7	0.1	17.4	96	1.3
MMC-18-09	264.1	265.1	1	S00355321	0.5	2	9.54	1.5	730	2	0.05	1.6	0.1	23.4	146	1.8
MMC-18-09	265.1	265.46	0.36	S00355322	1	1	9.47	3	450	1	0.05	1.4	0.1	19.8	100	0.9
MMC-18-09	265.46	266.09	0.63	S00355323	4	1	3.85	1.5	270	0.5	0.05	0.3	0.1	9.3	62	0.5
MMC-18-09	266.09	266.42	0.33	S00355324	9	4	7.68	1.5	600	1	0.2	0.6	0.1	25	118	1
MMC-18-09	266.42	267.31	0.89	S00355325	1	0.5	5.68	1.5	490	0.5	0.05	0.4	0.1	11.9	95	0.7
MMC-18-09	267.31	268.08	0.77	S00355326	4	2	5.16	16	450	0.5	0.05	0.9	0.1	24.6	168	1.1
MMC-18-09	268.08	268.78	0.7	S00355327	0.5	0.5	2.27	3	110	0.5	0.05	0.3	0.1	14.7	92	0.5
MMC-18-09	268.78	269.78	1	S00355329	5	2	8.55	5	870	1	0.1	1.4	0.1	32.3	240	1.7
MMC-18-09	269.78	270.35	0.57	S00355331	3	3	9.89	3	760	1	0.1	0.9	0.1	30.8	168	1.8
MMC-18-09	270.35	271.76	1.41	S00355332	1	0.5	3.16	1.5	180	0.5	0.05	0.3	0.1	4.8	74	0.5
MMC-18-09	271.76	272.48	0.72	S00355333	5	2	10.1	1.5	530	2	0.1	1.9	0.1	31.4	288	1.6
MMC-18-09	272.48	272.91	0.43	S00355334	0.5	1	2.42	5	130	0.5	0.05	0.5	0.1	7.2	94	0.2
MMC-18-09	272.91	274.04	1.13	S00355335	5	2	10.5	5	450	2	0.2	2.9	0.1	46	333	1.4
MMC-18-09	274.04	275.42	1.38	S00355336	6	2	9.88	1.5	510	2	0.2	2.3	0.1	42	309	1.4
MMC-18-09	275.42	276.46	1.04	S00355337	8	6	9.58	3	480	2	0.3	2.7	0.1	45.7	329	1.1
MMC-18-09	276.46	277.43	0.97	S00355338	8	0.5	9.87	3	500	2	0.3	2.2	0.1	49.1	344	1.2
MMC-18-09	277.43	278.03	0.6	S00355339	7	2	9.83	7	580	2	0.2	2.3	0.1	43.4	340	1.2
MMC-18-09	278.03	278.91	0.88	S00355341	2	2	3.49	13	200	0.5	0.05	1	0.1	11.2	89	0.4
MMC-18-09	278.91	279.95	1.04	S00355342	7	2	10.1	1.5	600	2	0.2	1.9	0.1	42.7	328	1.2
MMC-18-09	279.95	281.01	1.06	S00355343	2	0.5	2.83	4	110	0.5	0.05	0.3	0.1	5.2	80	0.2
MMC-18-09	281.01	282.36	1.35	S00355344	8	2	10.2	1.5	410	2	0.2	3.1	0.1	48.2	374	0.9
MMC-18-09	282.36	282.7	0.34	S00355345	15	2	10.5	4	370	2	0.4	3.3	0.1	75.2	415	0.8
MMC-18-09	282.7	283.99	1.29	S00355346	12	1	10	1.5	380	2	0.3	3	0.1	57.3	382	0.8
MMC-18-09	283.99	285.15	1.16	S00355347	13	2	10.3	1.5	470	2	0.3	2.9	0.1	51	388	1
MMC-18-09	285.15	286.46	1.31	S00355348	6	2	10.5	3	630	2	0.1	1.7	0.1	38.5	266	1.3
MMC-18-09	294.81	295.8	0.99	S00355349	9	2	9.32	7	500	2	0.3	2.6	0.1	43	259	1.3
MMC-18-09	295.8	296.46	0.66	S00355351	8	0.5	7.55	7	520	1	0.3	1.4	0.1	40.6	269	1.1
MMC-18-09	296.46	297.38	0.92	S00355352	0.5	0.5	2.26	6	110	0.5	0.05	0.3	0.1	4	52	0.2
MMC-18-09	297.38	297.95	0.57	S00355353	9	0.5	7.97	10	530	1	0.3	1.6	0.1	43.2	284	1.2
MMC-18-09	297.95	298.88	0.93	S00355354	5	0.5	5.11	16	460	0.5	0.1	0.4	0.1	20.1	144	0.6
MMC-18-09	298.88	299.77	0.89	S00355355	3	0.5	4.08	6	300	0.5	0.2	0.7	0.1	15.9	93	0.5
MMC-18-09	299.77	300.78	1.01	S00355356	10	0.5	8.37	24	530	1	0.4	1.7	0.1	49.9	299	1.1
MMC-18-09	300.78	301.85	1.07	S00355358	10	0.5	8.84	16	500	1	0.3	2.2	0.1	50.7	324	1
MMC-18-09	301.85	302.95	1.1	S00355359	10	0.5	8.79	20	460	1	0.3	2.1	0.1	54.4	328	1.1
MMC-18-09	302.95	304.01	1.06	S00355361	12	0.5	8.95	35	530	1	0.4	2.3	0.1	53.5	390	1.1
MMC-18-09	304.01	304.5	0.49	S00355362	7	0.5	6.96	15	490	1	0.2	1.2	0.1	27.8	196	1.1
MMC-18-09	304.5	305.93	1.43	S00355363	0.5	0.5	3.13	5	80	0.5	0.05	0.6	0.1	4.5	64	0.3
MMC-18-09	305.93	306.33	0.4	S00355364	0.5	0.5	2.17	8	60	0.5	0.05	0.4	0.1	2	43	0.05

Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-09	306.33	307.1	0.77	S00355365	4	0.5	7.72	5	330	1	0.2	2.8	0.1	35.6	204	2
MMC-18-09	307.1	307.47	0.37	S00355366	2	0.5	3.16	12	70	0.5	0.05	0.9	0.1	13.4	110	0.3
MMC-18-09	307.47	308.34	0.87	S00355367	4	0.5	8.75	6	460	1	0.1	3	0.1	32.3	204	2.7
MMC-18-09	312.07	313.1	1.03	S00355368	14	0.5	8.66	3	400	1	0.3	3.2	0.1	52.8	332	1.3
MMC-18-09	313.1	313.39	0.29	S00355369	1	0.5	3.83	14	130	0.5	0.2	1	0.1	23.3	129	0.7
MMC-18-09	313.39	314.4	1.01	S00355371	14	0.5	9.27	10	370	1	0.3	3.6	0.1	57.3	438	1.2
MMC-18-09	314.4	315.41	1.01	S00355372	11	0.5	9.82	5	370	1	0.3	4.3	0.1	48.7	401	1.1
MMC-18-09	315.41	316.5	1.09	S00355373	11	0.5	9.69	8	380	1	0.3	4.5	0.1	47.6	404	1.1
MMC-18-09	316.5	317.65	1.15	S00355374	10	0.5	10.1	16	410	1	0.3	4.1	0.1	47.8	412	1.2
MMC-18-09	317.65	318.64	0.99	S00355375	8	0.5	9.57	6	450	2	0.2	4	0.1	40.6	361	1.6
MMC-18-09	318.64	319.79	1.15	S00355376	6	0.5	8.78	5	390	1	0.2	3.2	0.1	35.7	302	2.1
MMC-18-09	319.79	320.39	0.6	S00355377	1	0.5	1.96	3	50	0.5	0.05	0.7	0.1	2.3	52	0.2
MMC-18-09	320.39	320.98	0.59	S00355378	11	0.5	9.4	8	360	2	0.2	4.1	0.1	43.3	315	3.2
MMC-18-09	320.98	321.51	0.53	S00355379	10	0.5	8.84	1.5	150	1	0.2	5.2	0.1	78.1	298	2.3
MMC-18-09	321.51	322.68	1.17	S00355381	7	0.5	8.69	4	210	1	0.2	5.3	0.1	45.5	210	4.2
MMC-18-09	322.68	323.77	1.09	S00355382	7	0.5	8.67	1.5	210	1	0.1	5.4	0.1	44.3	104	4.6
MMC-18-09	323.77	324.45	0.68	S00355383	17	0.5	7.98	1.5	230	1	0.4	5	0.1	64.5	121	4.2
MMC-18-09	324.45	325.51	1.06	S00355384	43	0.5	7.84	5	280	1	1.1	4.4	0.1	84.3	175	5
MMC-18-09	325.51	326.09	0.58	S00355386	85	2	9.2	6	460	2	3.3	5.5	0.2	262	193	6.2
MMC-18-09	326.09	326.65	0.56	S00355387	171	0.5	7.92	13	260	1	6.8	4.4	0.3	185	185	4.3
MMC-18-09	326.65	327.77	1.12	S00355388	357	1	7.39	64	190	0.5	15.5	4.3	0.5	249	171	3.3
MMC-18-09	327.77	328.44	0.67	S00355389	388	2	7.49	105	150	0.5	16.6	4.4	0.8	227	188	2.5
MMC-18-09	328.44	329.29	0.85	S00355391	99	0.5	9.03	9	270	1	3.8	5.1	0.1	58.1	72	3.4
MMC-18-09	329.29	330.17	0.88	S00355392	64	0.5	8.8	9	290	1	1.9	5	0.1	49	39	3.4
MMC-18-09	330.17	330.88	0.71	S00355393	0.5	0.5	8.73	6	310	1	0.3	5.1	0.1	34.1	47	3.8
MMC-18-09	330.88	331.92	1.04	S00355394	1	0.5	8.63	1.5	300	1	0.3	4.9	0.1	38.3	63	4.2
MMC-18-09	331.92	332.97	1.05	S00355395	1	0.5	9.06	1.5	240	1	0.3	4.9	0.1	37.8	49	3.5
MMC-18-09	332.97	333.66	0.69	S00355396	0.5	0.5	8.37	1.5	300	1	0.3	4.7	0.1	40.5	44	3
MMC-18-09	333.66	334.08	0.42	S00355397	23	0.5	7.7	5	360	0.5	0.7	5.5	0.3	52.2	43	2.4
MMC-18-09	334.08	335.17	1.09	S00355399	5	0.5	9.18	4	240	1	0.3	5.4	0.1	41.6	55	2.1
MMC-18-09	335.17	336.25	1.08	S00355401	0.5	0.5	8.85	6	520	1	0.2	4.1	0.1	40.9	72	2.5
MMC-18-09	336.25	336.57	0.32	S00355402	0.5	0.5	8.77	26	470	2	0.05	6.4	0.1	30.7	75	1.4
MMC-18-09	336.57	337	0.43	S00355403	0.5	0.5	1.17	1.5	70	0.5	0.05	8.6	0.1	4.9	40	0.1
MMC-18-09	337	337.32	0.32	S00355404	0.5	0.5	10.4	1.5	820	2	1.8	5.7	0.1	35.5	129	2.8
MMC-18-09	337.32	338.13	0.81	S00355405	0.5	0.5	4.59	1.5	330	0.5	0.2	14.9	0.1	18.3	72	0.7
MMC-18-09	338.13	339.46	1.33	S00355406	0.5	0.5	8.55	1.5	410	0.5	0.1	3.3	0.1	39.9	139	1.6
MMC-18-09	339.46	340.35	0.89	S00355407	0.5	0.5	8.71	1.5	300	1	0.4	4.8	0.1	37.6	148	2.7
MMC-18-09	340.35	340.8	0.45	S00355408	3	0.5	9.12	1.5	360	1	0.6	6.1	0.1	44.1	181	3.1
MMC-18-09	340.8	341.85	1.05	S00355409	2	0.5	9.86	1.5	360	1	0.5	5.5	0.1	38.1	163	2.7
MMC-18-09	341.85	342.19	0.34	S00355411	0.5	0.5	8.58	1.5	190	1	0.4	5.7	0.1	31.2	105	1.9
MMC-18-09	342.19	343.2	1.01	S00355412	0.5	0.5	9.02	1.5	250	1	0.3	4.8	0.1	35.1	113	3.3
MMC-18-09	343.2	344.41	1.21	S00355413	0.5	0.5	9.29	1.5	280	1	0.2	4.5	0.1	39.2	125	3.9
MMC-18-09	344.41	345.45	1.04	S00355414	0.5	0.5	8.74	1.5	310	1	0.3	4.2	0.1	36.6	116	4.3
MMC-18-09	345.45	346.54	1.09	S00355415	0.5	0.5	8.64	1.5	240	1	0.3	4.8	0.1	43.4	145	3.2
MMC-18-09	346.54	347.71	1.17	S00355416	0.5	0.5	8.14	1.5	230	1	0.3	5.1	0.1	46	156	3

Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-09	347.71	348.99	1.28	S00355417	0.5	0.5	8.59	1.5	200	1	0.4	5.8	0.1	49.3	138	3
MMC-18-09	348.99	350.01	1.02	S00355418	0.5	0.5	8.6	1.5	220	1	0.2	5.6	0.1	48.7	146	3.7
MMC-18-09	350.01	350.75	0.74	S00355419	0.5	0.5	8.6	1.5	200	1	0.2	5.6	0.1	46.5	147	3.6
MMC-18-09	350.75	351.33	0.58	S00355421	0.5	0.5	0.03	1.5	5	0.5	0.05	0.3	0.1	0.25	51	0.05
MMC-18-09	351.33	351.99	0.66	S00355422	0.5	0.5	8.21	1.5	210	1	0.2	4.8	0.1	48.9	148	4.7
MMC-18-09	351.99	352.83	0.84	S00355423	0.5	0.5	8.71	1.5	230	0.5	0.2	5.5	0.1	55.9	223	4.2
MMC-18-09	352.83	353.6	0.77	S00355424	9	0.5	8.42	8	110	0.5	0.2	5.5	0.1	64.8	254	0.6
MMC-18-09	353.6	354.92	1.32	S00355425	9	0.5	8.79	1.5	200	0.5	0.3	6.2	0.1	57.1	199	1.8
MMC-18-09	354.92	355.92	1	S00355426	12	0.5	8.96	1.5	140	0.5	0.3	6	0.1	60.2	209	1.1
MMC-18-09	355.92	356.84	0.92	S00355427	9	0.5	8.88	1.5	160	0.5	0.3	6.1	0.1	63.1	181	1.6
MMC-18-09	356.84	357.86	1.02	S00355428	16	0.5	8.98	3	150	0.5	0.3	6.1	0.1	65.5	205	1.7
MMC-18-09	357.86	358.59	0.73	S00355429	16	0.5	8.09	1.5	160	0.5	0.3	6	0.2	61.2	114	2.1
MMC-18-09	358.59	358.96	0.37	S00355431	21	0.5	8.68	6	220	0.5	0.4	6.6	0.2	65.4	114	3.9
MMC-18-09	358.96	360.18	1.22	S00355432	65	0.5	7.39	5	180	0.5	1.4	6.1	0.1	77.7	132	3.1
MMC-18-09	360.18	360.5	0.32	S00355433	53	0.5	7.81	5	110	0.5	0.7	4.5	0.3	64	252	1
MMC-18-09	360.5	361.4	0.9	S00355434	45	0.5	8.91	4	240	0.5	0.6	4.8	0.1	54.2	271	2.3
MMC-18-09	361.4	362.49	1.09	S00355435	36	0.5	8.76	8	240	0.5	0.4	5.8	0.1	52	127	1.6
MMC-18-09	362.49	363.71	1.22	S00355436	37	0.5	8.37	8	140	0.5	0.3	7	0.1	59.6	115	1.4
MMC-18-09	363.71	365.11	1.4	S00355437	35	0.5	7.74	4	160	0.5	0.2	6.3	0.1	58.9	78	2.1
MMC-18-09	365.11	366.45	1.34	S00355438	40	0.5	7.93	1.5	200	0.5	0.2	6.3	0.1	57.2	65	2.9
MMC-18-09	366.45	367.37	0.92	S00355439	55	0.5	7.98	3	230	0.5	0.3	6.7	0.3	73.5	59	3.9
MMC-18-09	367.37	368.07	0.7	S00355441	45	0.5	8.51	1.5	270	0.5	0.3	5.8	0.3	69.2	66	5.8
MMC-18-09	368.07	369.06	0.99	S00355442	13	0.5	8.83	4	120	0.5	0.3	6.4	0.1	43.7	65	0.5
MMC-18-09	374.93	376.04	1.11	S00355443	28	0.5	7.47	1.5	160	0.5	0.1	6.6	0.2	54.1	47	2.2
MMC-18-09	376.04	376.97	0.93	S00355444	12	0.5	8.18	1.5	140	1	0.1	6.3	0.1	46	45	1.6
MMC-18-09	376.97	377.96	0.99	S00355445	14	0.5	8.1	3	160	0.5	0.1	7.1	0.1	53.9	51	2.4
MMC-18-09	377.96	378.96	1	S00355446	21	0.5	8.21	5	180	0.5	0.2	6.9	0.1	55	52	1.8
MMC-18-09	378.96	384.85	5.89	S00355447	23	0.5	8.2	3	160	0.5	0.1	6.8	0.1	54.9	60	1.8
MMC-18-09	384.85	385.89	1.04	S00355448	25	0.5	8	1.5	160	0.5	0.1	6.3	0.1	50.4	58	1.9
MMC-18-09	391.89	392.98	1.09	S00355449	8	0.5	7.44	8	120	0.5	0.05	6.7	0.1	46.6	65	0.8
MMC-18-09	392.98	394.08	1.1	S00355451	5	0.5	7.74	1.5	150	0.5	0.1	6.9	0.1	53.1	62	1.4
MMC-18-09	394.08	395.13	1.05	S00355452	13	0.5	7.41	10	100	0.5	0.05	6.9	0.1	54.6	68	1.3
MMC-18-09	395.13	395.89	0.76	S00355453	15	0.5	7.75	6	150	0.5	0.05	6.7	0.1	52.6	68	1.4

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-09	71.26	71.65	0.39	S00355313	88	2.36	5.7	28.5	18	0.68	60	1	42	0.02	6	0.5	4	29
MMC-18-09	79.43	79.97	0.54	S00355314	16	0.94	1.3	3.8	2.5	0.09	40	3	8	0.005	6	0.5	0.5	40
MMC-18-09	260.88	261.9	1.02	S00355315	48	0.59	0.3	6	2.5	0.08	40	2	5	0.005	4	0.5	0.5	40
MMC-18-09	261.9	262.71	0.81	S00355316	88	1.16	0.4	6.6	2.5	0.1	60	3	158	0.005	9	0.5	0.5	40
MMC-18-09	262.71	263.04	0.33	S00355317	275	13.3	1.1	8.2	18	2.62	1040	1	2170	0.04	97	6.35	0.5	21
MMC-18-09	263.04	263.65	0.61	S00355318	172	1.41	0.6	15.2	2.5	0.22	80	3	159	0.005	7	0.5	0.5	39.1
MMC-18-09	263.65	264.1	0.45	S00355319	66	2.87	1.4	12	13	1.07	240	4	82	0.02	8	0.5	0.5	33.5
MMC-18-09	264.1	265.1	1	S00355321	25	6.07	3.2	30.8	25	2.3	380	2	46	0.04	6	0.5	0.5	26.6
MMC-18-09	265.1	265.46	0.36	S00355322	14	5.92	1.9	21	21	2.21	400	1	57	0.04	8	0.5	0.5	24.5
MMC-18-09	265.46	266.09	0.63	S00355323	45	2.07	1.1	9.9	8	0.67	140	2	33	0.005	5	0.5	0.5	37.5
MMC-18-09	266.09	266.42	0.33	S00355324	118	5.01	2.6	15.2	18	1.6	270	3	105	0.03	11	0.5	0.5	30.4
MMC-18-09	266.42	267.31	0.89	S00355325	36	2.51	1.9	14.5	12	1.03	180	1	31	0.01	6	0.5	0.5	33.4
MMC-18-09	267.31	268.08	0.77	S00355326	34	3.15	1.9	11.2	17	1.38	240	4	75	0.02	8	0.5	0.5	37.3
MMC-18-09	268.08	268.78	0.7	S00355327	31	2.48	0.5	3.7	10	1.09	200	4	31	0.005	7	0.5	0.5	40
MMC-18-09	268.78	269.78	1	S00355329	46	5.31	2.9	22.7	26	2.37	360	3	106	0.02	11	0.5	0.5	27.7
MMC-18-09	269.78	270.35	0.57	S00355331	46	5.34	3.2	29.8	25	2.39	340	3	89	0.02	7	0.5	0.5	27.1
MMC-18-09	270.35	271.76	1.41	S00355332	25	1.02	1.1	7.1	6	0.35	70	3	13	0.01	9	0.5	0.5	35.7
MMC-18-09	271.76	272.48	0.72	S00355333	46	5.65	2.7	22.4	25	2.42	330	3	119	0.02	8	0.5	0.5	27.5
MMC-18-09	272.48	272.91	0.43	S00355334	28	1.17	0.8	5.9	2.5	0.33	90	5	24	0.005	4	0.5	0.5	40
MMC-18-09	272.91	274.04	1.13	S00355335	110	6.34	2.5	25.2	26	2.77	390	4	153	0.03	10	0.5	0.5	27.5
MMC-18-09	274.04	275.42	1.38	S00355336	100	6.18	2.7	23.9	23	2.77	390	3	150	0.02	9	0.5	0.5	25.8
MMC-18-09	275.42	276.46	1.04	S00355337	127	6.38	2.6	23.5	22	2.75	400	3	169	0.02	11	0.5	0.5	23.5
MMC-18-09	276.46	277.43	0.97	S00355338	126	6.41	2.8	27.6	26	2.97	420	4	177	0.03	21	0.5	0.5	25.3
MMC-18-09	277.43	278.03	0.6	S00355339	103	6.04	3.1	20.6	25	2.81	410	4	182	0.02	8	0.5	0.5	24.5
MMC-18-09	278.03	278.91	0.88	S00355341	16	1.25	1.1	8.4	6	0.53	130	3	24	0.005	5	0.5	0.5	34.7
MMC-18-09	278.91	279.95	1.04	S00355342	82	6.14	3	22.8	23	2.68	390	3	162	0.02	9	0.5	0.5	25
MMC-18-09	279.95	281.01	1.06	S00355343	36	0.83	0.8	18.9	2.5	0.25	70	3	13	0.005	5	0.5	0.5	39.9
MMC-18-09	281.01	282.36	1.35	S00355344	120	6.93	2	22.4	25	3.08	530	4	181	0.03	15	0.5	0.5	23.4
MMC-18-09	282.36	282.7	0.34	S00355345	254	7.39	1.8	23.1	24	3.22	540	5	290	0.03	10	0.5	0.5	24.9
MMC-18-09	282.7	283.99	1.29	S00355346	156	6.75	1.8	23.6	25	3.2	590	4	223	0.02	35	0.5	0.5	23.4
MMC-18-09	283.99	285.15	1.16	S00355347	156	6.92	2.1	23.8	24	3.12	520	4	208	0.02	10	0.5	0.5	25.8
MMC-18-09	285.15	286.46	1.31	S00355348	68	5.48	3	21.9	26	2.68	420	3	119	0.03	7	0.5	0.5	24.3
MMC-18-09	294.81	295.8	0.99	S00355349	129	5.93	2.3	25.3	23	2.6	360	3	140	0.03	15	0.5	0.5	26.3
MMC-18-09	295.8	296.46	0.66	S00355351	104	4.95	2.2	13.4	20	2.3	340	3	159	0.01	14	0.5	0.5	27.6
MMC-18-09	296.46	297.38	0.92	S00355352	18	0.74	0.6	5.3	2.5	0.2	70	3	11	0.01	5	0.5	0.5	38.9
MMC-18-09	297.38	297.95	0.57	S00355353	84	5.47	2.5	16	21	2.43	390	3	159	0.02	9	0.5	0.5	26.7
MMC-18-09	297.95	298.88	0.93	S00355354	42	3	1.7	17.4	12	1.2	200	4	72	0.01	5	0.5	0.5	34.2
MMC-18-09	298.88	299.77	0.89	S00355355	69	2.32	1.1	13.5	8	0.84	160	3	48	0.01	5	0.5	0.5	34.8
MMC-18-09	299.77	300.78	1.01	S00355356	111	5.73	2.5	22.7	21	2.49	420	5	180	0.02	6	0.5	0.5	27.5
MMC-18-09	300.78	301.85	1.07	S00355358	125	6.06	2.3	20.2	21	2.77	450	4	181	0.02	6	0.5	0.5	27
MMC-18-09	301.85	302.95	1.1	S00355359	147	6.29	2.2	17.9	21	2.87	480	5	214	0.03	7	0.5	0.5	28.5
MMC-18-09	302.95	304.01	1.06	S00355361	95	5.82	2.5	17	21	2.81	470	4	211	0.02	6	0.5	0.5	26.6
MMC-18-09	304.01	304.5	0.49	S00355362	73	3.65	2.4	10.7	16	1.6	250	4	107	0.02	5	0.5	0.5	33.3
MMC-18-09	304.5	305.93	1.43	S00355363	14	0.97	0.5	16.3	2.5	0.34	90	3	14	0.01	4	0.5	0.5	40
MMC-18-09	305.93	306.33	0.4	S00355364	8	0.56	0.3	5.3	2.5	0.14	70	3	2.5	0.01	3	0.5	0.5	40

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-09	306.33	307.1	0.77	S00355365	80	6.07	1.9	17.9	19	2.35	490	2	71	0.03	6	0.5	0.5	31.2
MMC-18-09	307.1	307.47	0.37	S00355366	21	1.96	0.4	7.7	6	0.72	160	3	22	0.01	4	0.5	0.5	40
MMC-18-09	307.47	308.34	0.87	S00355367	39	6.06	2.3	16.6	20	2.37	520	2	60	0.02	7	0.5	0.5	31.4
MMC-18-09	312.07	313.1	1.03	S00355368	122	7.22	1.4	19.6	22	3.22	740	5	190	0.03	22	0.5	0.5	29.3
MMC-18-09	313.1	313.39	0.29	S00355369	27	3.26	0.6	8.6	12	1.53	350	3	47	0.02	7	0.5	0.5	39.6
MMC-18-09	313.39	314.4	1.01	S00355371	144	7.23	1.4	16	24	3.75	770	4	198	0.03	10	0.5	0.5	29
MMC-18-09	314.4	315.41	1.01	S00355372	124	6.65	1.5	19	22	3.73	740	3	189	0.03	8	0.5	0.5	27.8
MMC-18-09	315.41	316.5	1.09	S00355373	126	6.3	1.5	21	21	3.14	730	3	175	0.03	9	0.5	0.5	28.7
MMC-18-09	316.5	317.65	1.15	S00355374	111	5.99	1.5	19.3	22	3.03	720	3	155	0.03	10	0.5	0.5	28.4
MMC-18-09	317.65	318.64	0.99	S00355375	91	5.93	1.8	25.5	22	2.83	700	3	127	0.04	12	0.5	0.5	28.2
MMC-18-09	318.64	319.79	1.15	S00355376	83	5.78	1.6	20.4	21	2.51	610	3	116	0.04	8	0.5	0.5	30.4
MMC-18-09	319.79	320.39	0.6	S00355377	26	0.59	0.2	4.9	2.5	0.11	70	3	9	0.005	5	0.5	0.5	40
MMC-18-09	320.39	320.98	0.59	S00355378	79	6.97	1.9	23.5	20	2.77	840	5	128	0.06	10	0.5	0.5	29.7
MMC-18-09	320.98	321.51	0.53	S00355379	157	9.07	0.9	23.2	16	2.5	1000	2	260	0.05	10	1.01	0.5	28.4
MMC-18-09	321.51	322.68	1.17	S00355381	124	9.36	1.2	20.9	18	2.55	1190	1	86	0.05	9	0.5	0.5	28.2
MMC-18-09	322.68	323.77	1.09	S00355382	109	9.63	1.2	19.8	17	2.35	1270	1	45	0.04	9	0.5	0.5	28.2
MMC-18-09	323.77	324.45	0.68	S00355383	123	10.2	1.2	19.3	18	2.61	1300	3	249	0.04	7	0.5	0.5	27.9
MMC-18-09	324.45	325.51	1.06	S00355384	457	10.5	1.7	22.9	19	2.8	1250	6	535	0.04	8	0.5	0.5	28.9
MMC-18-09	325.51	326.09	0.58	S00355386	4780	15.2	2.5	29.3	21	2.88	1360	23	3310	0.05	10	3.59	0.5	21.6
MMC-18-09	326.09	326.65	0.56	S00355387	2330	12.9	1.5	20.1	20	2.9	1250	16	2220	0.04	8	2.2	0.5	27.1
MMC-18-09	326.65	327.77	1.12	S00355388	4030	14.6	1.1	16.4	17	3.1	1320	18	3490	0.03	7	3.09	0.5	25.6
MMC-18-09	327.77	328.44	0.67	S00355389	4410	14.4	0.8	15.5	16	3.37	1350	8	3640	0.03	7	2.85	0.5	25.9
MMC-18-09	328.44	329.29	0.85	S00355391	678	9.74	1.2	18.4	18	2.57	1200	1	379	0.04	8	0.5	0.5	28
MMC-18-09	329.29	330.17	0.88	S00355392	424	8.68	1.4	22.5	17	2.14	1070	1	240	0.04	9	0.5	0.5	28
MMC-18-09	330.17	330.88	0.71	S00355393	210	8.61	1.4	22.9	19	2.11	1110	1	26	0.05	9	0.5	0.5	28.6
MMC-18-09	330.88	331.92	1.04	S00355394	145	8.96	1.6	20.8	18	2.26	1120	1	17	0.04	9	0.5	0.5	27.9
MMC-18-09	331.92	332.97	1.05	S00355395	106	8.78	1.2	21.5	20	2.41	1090	1	25	0.04	10	0.5	0.5	29
MMC-18-09	332.97	333.66	0.69	S00355396	102	9.11	1.3	18.5	22	2.61	1130	1	31	0.04	11	0.5	0.5	28.1
MMC-18-09	333.66	334.08	0.42	S00355397	449	8.97	1.5	16.5	21	2.74	1220	1	248	0.03	6	0.5	0.5	25.9
MMC-18-09	334.08	335.17	1.09	S00355399	176	8.26	1.1	18.8	20	2.62	1080	1	87	0.04	10	0.5	0.5	27.2
MMC-18-09	335.17	336.25	1.08	S00355401	61	7.2	2.4	20	26	2.89	940	1	18	0.05	8	0.5	0.5	22.1
MMC-18-09	336.25	336.57	0.32	S00355402	316	3.61	1.7	20.2	13	1.5	600	3	77	0.05	9	0.5	0.5	20.8
MMC-18-09	336.57	337	0.43	S00355403	6	1.61	0.2	1.5	2.5	0.45	510	1	24	0.005	5	0.5	0.5	31.7
MMC-18-09	337	337.32	0.32	S00355404	18	7.3	2.8	16.6	27	3.01	960	1	93	0.04	11	0.5	0.5	18.4
MMC-18-09	337.32	338.13	0.81	S00355405	13	4.01	1.2	9.6	13	1.68	1210	1	54	0.02	6	0.5	0.5	21.4
MMC-18-09	338.13	339.46	1.33	S00355406	46	8.16	1.8	20.9	26	3.48	1080	1	38	0.05	6	0.5	0.5	22.5
MMC-18-09	339.46	340.35	0.89	S00355407	136	7.57	1.5	19.4	21	3.01	1110	1	50	0.05	11	0.5	0.5	24.2
MMC-18-09	340.35	340.8	0.45	S00355408	172	7.81	1.9	13.9	21	3.81	1160	1	159	0.04	11	0.5	0.5	25.1
MMC-18-09	340.8	341.85	1.05	S00355409	133	7.62	1.8	16.3	24	3.57	1050	1	90	0.05	12	0.5	0.5	26.3
MMC-18-09	341.85	342.19	0.34	S00355411	206	6.97	1	18.3	17	2.77	1070	1	69	0.04	11	0.5	0.5	24.2
MMC-18-09	342.19	343.2	1.01	S00355412	118	7.53	1.5	20.8	20	2.98	1080	1	29	0.05	11	0.5	0.5	26.8
MMC-18-09	343.2	344.41	1.21	S00355413	88	7.45	1.7	22.7	19	2.77	1020	1	25	0.05	12	0.5	0.5	26.3
MMC-18-09	344.41	345.45	1.04	S00355414	80	7.13	1.7	26.5	20	2.4	920	1	16	0.05	11	0.5	0.5	24
MMC-18-09	345.45	346.54	1.09	S00355415	85	8.32	1.3	21.4	20	2.76	1110	1	21	0.05	12	0.5	0.5	26.4
MMC-18-09	346.54	347.71	1.17	S00355416	72	8.58	1.3	19.5	17	2.86	1180	1	21	0.05	9	0.5	0.5	24.7

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-09	347.71	348.99	1.28	S00355417	77	8.87	1.2	20.8	17	2.87	1220	1	25	0.07	9	0.5	0.5	27.7
MMC-18-09	348.99	350.01	1.02	S00355418	65	9.06	1.3	21.5	18	2.97	1260	1	43	0.06	10	0.5	0.5	24.7
MMC-18-09	350.01	350.75	0.74	S00355419	62	9.14	1.2	21.5	20	2.9	1290	1	45	0.05	10	0.5	0.5	23.8
MMC-18-09	350.75	351.33	0.58	S00355421	6	0.62	0.05	0.2	2.5	0.01	80	2	2.5	0.005	3	0.5	0.5	40
MMC-18-09	351.33	351.99	0.66	S00355422	98	9.23	1.4	21.4	19	2.85	1280	1	35	0.06	10	0.5	0.5	24.4
MMC-18-09	351.99	352.83	0.84	S00355423	91	9.54	1.4	18	18	3.36	1300	1	53	0.05	9	0.5	0.5	22.8
MMC-18-09	352.83	353.6	0.77	S00355424	115	8.58	0.5	11.1	15	4.33	1260	1	92	0.03	8	0.5	0.5	21.9
MMC-18-09	353.6	354.92	1.32	S00355425	91	8.27	1.1	10.8	16	4.1	1310	1	120	0.03	8	0.5	0.5	23.7
MMC-18-09	354.92	355.92	1	S00355426	200	9.18	0.7	8.7	17	4.42	1360	1	113	0.03	7	0.5	0.5	23.4
MMC-18-09	355.92	356.84	0.92	S00355427	193	9.18	0.9	9.8	16	4.28	1380	1	107	0.03	9	0.5	0.5	23.6
MMC-18-09	356.84	357.86	1.02	S00355428	269	9.57	0.8	8.2	15	4.33	1390	1	111	0.03	7	0.5	0.5	22.9
MMC-18-09	357.86	358.59	0.73	S00355429	441	9.06	0.9	10	17	4.35	1350	1	130	0.04	7	0.5	0.5	22.8
MMC-18-09	358.59	358.96	0.37	S00355431	162	10.1	1.4	10.9	18	4.67	1510	1	195	0.04	8	0.5	0.5	24.3
MMC-18-09	358.96	360.18	1.22	S00355432	616	9.81	1.1	10.6	16	4.55	1490	1	375	0.04	8	0.5	0.5	24.2
MMC-18-09	360.18	360.5	0.32	S00355433	776	8.83	0.6	12.7	20	5.24	1460	1	211	0.05	8	0.5	0.5	28.2
MMC-18-09	360.5	361.4	0.9	S00355434	248	7.96	1.1	18.5	19	4.33	1330	1	169	0.04	8	0.5	0.5	24.3
MMC-18-09	361.4	362.49	1.09	S00355435	275	7.23	1	17	15	4.29	1280	1	151	0.03	9	0.5	0.5	24.7
MMC-18-09	362.49	363.71	1.22	S00355436	365	8.03	0.8	12.8	13	4.59	1370	1	157	0.03	8	0.5	0.5	26.6
MMC-18-09	363.71	365.11	1.4	S00355437	327	8.67	0.9	9.6	13	3.66	1450	1	123	0.03	8	0.5	0.5	24.2
MMC-18-09	365.11	366.45	1.34	S00355438	359	9.51	1.1	12.8	15	3.77	1460	1	127	0.05	6	0.5	0.5	23.9
MMC-18-09	366.45	367.37	0.92	S00355439	1290	9.7	1.3	11.5	15	4.11	1470	1	216	0.04	7	0.5	0.5	25.2
MMC-18-09	367.37	368.07	0.7	S00355441	1060	10.5	1.8	10.7	20	4.04	1430	1	193	0.04	7	0.5	0.5	23.8
MMC-18-09	368.07	369.06	0.99	S00355442	256	7.7	0.7	14.2	13	3.6	1250	1	98	0.03	8	0.5	0.5	23.9
MMC-18-09	374.93	376.04	1.11	S00355443	553	8.14	0.9	14.3	10	3.26	1330	1	144	0.05	6	0.5	0.5	24
MMC-18-09	376.04	376.97	0.93	S00355444	140	8.01	0.7	15.7	9	3.18	1280	1	87	0.05	6	0.5	0.5	23.1
MMC-18-09	376.97	377.96	0.99	S00355445	333	8.34	0.9	12.5	11	3.42	1380	1	104	0.05	7	0.5	0.5	25.8
MMC-18-09	377.96	378.96	1	S00355446	582	8.34	0.9	10.8	13	3.52	1340	1	149	0.04	6	0.5	0.5	24.6
MMC-18-09	378.96	384.85	5.89	S00355447	337	8.35	0.8	11.7	12	3.82	1340	1	150	0.05	7	0.5	0.5	24.5
MMC-18-09	384.85	385.89	1.04	S00355448	309	7.75	0.9	12.7	11	3.47	1240	1	143	0.04	6	0.5	0.5	22.4
MMC-18-09	391.89	392.98	1.09	S00355449	159	7.3	0.6	17	9	3.5	1230	1	103	0.05	7	0.5	0.5	23
MMC-18-09	392.98	394.08	1.1	S00355451	224	8.01	0.6	10.8	10	4.06	1230	1	139	0.03	6	0.5	0.5	23.1
MMC-18-09	394.08	395.13	1.05	S00355452	224	8.21	0.4	9.5	10	4.21	1240	1	150	0.02	6	0.5	0.5	23
MMC-18-09	395.13	395.89	0.76	S00355453	201	8.2	0.6	8.9	10	4.29	1260	1	147	0.02	6	0.5	0.5	23.6



Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-09	71.26	71.65	0.39	S00355313	0.5	20	0.5	0.32	88	2.5	14.4	1.6	17		0.00306	0.0088
MMC-18-09	79.43	79.97	0.54	S00355314	0.5	10	0.5	0.02	2.5	2.5	4.1	0.3	2.5		0.00043	0.0016
MMC-18-09	260.88	261.9	1.02	S00355315	0.5	20	0.5	0.03	5	2.5	3.2	0.4	9		0.00028	0.0048
MMC-18-09	261.9	262.71	0.81	S00355316	0.5	20	0.5	0.03	6	2.5	4.1	0.3	15		0.00178	0.0088
MMC-18-09	262.71	263.04	0.33	S00355317	0.5	70	0.5	0.07	15	2.5	21.3	2.1	354		0.0463	0.0275
MMC-18-09	263.04	263.65	0.61	S00355318	0.5	30	0.5	0.03	9	2.5	6.1	0.5	6		0.0104	0.0172
MMC-18-09	263.65	264.1	0.45	S00355319	0.5	30	0.5	0.28	54	2.5	10.7	1.3	29		0.00174	0.0066
MMC-18-09	264.1	265.1	1	S00355321	0.5	60	0.5	0.56	144	2.5	17.8	2	53		0.00234	0.0025
MMC-18-09	265.1	265.46	0.36	S00355322	0.5	100	0.5	0.57	111	2.5	20.6	1.9	65		0.00198	0.0014
MMC-18-09	265.46	266.09	0.63	S00355323	0.5	30	0.5	0.12	30	2.5	4.3	0.5	22		0.00093	0.0045
MMC-18-09	266.09	266.42	0.33	S00355324	0.5	40	0.5	0.4	98	2.5	10.4	1.3	59		0.0025	0.0118
MMC-18-09	266.42	267.31	0.89	S00355325	0.5	30	0.5	0.19	62	2.5	6.4	0.8	28		0.00119	0.0036
MMC-18-09	267.31	268.08	0.77	S00355326	0.5	20	0.5	0.24	105	2.5	7.7	0.8	35		0.00246	0.0034
MMC-18-09	268.08	268.78	0.7	S00355327	0.5	10	0.5	0.05	44	2.5	1.7	0.2	29		0.00147	0.0031
MMC-18-09	268.78	269.78	1	S00355329	0.5	70	0.5	0.36	204	2.5	12.7	1.3	50		0.00323	0.0046
MMC-18-09	269.78	270.35	0.57	S00355331	0.5	70	0.5	0.39	147	2.5	14.2	1.5	48		0.00308	0.0046
MMC-18-09	270.35	271.76	1.41	S00355332	0.5	30	0.5	0.06	16	2.5	4.2	0.5	19		0.00048	0.0025
MMC-18-09	271.76	272.48	0.72	S00355333	0.5	120	0.5	0.38	235	2.5	13.7	1.4	42		0.00314	0.0046
MMC-18-09	272.48	272.91	0.43	S00355334	0.5	30	0.5	0.04	17	2.5	4.8	0.4	7		0.00072	0.0028
MMC-18-09	272.91	274.04	1.13	S00355335	0.5	160	0.5	0.43	269	2.5	16.4	1.7	46		0.0046	0.011
MMC-18-09	274.04	275.42	1.38	S00355336	0.5	140	0.5	0.41	260	2.5	12.9	1.4	45		0.0042	0.01
MMC-18-09	275.42	276.46	1.04	S00355337	0.5	130	0.5	0.38	273	2.5	13.3	1.5	52		0.00457	0.0127
MMC-18-09	276.46	277.43	0.97	S00355338	0.5	100	0.5	0.37	288	2.5	13.6	1.4	71		0.00491	0.0126
MMC-18-09	277.43	278.03	0.6	S00355339	0.5	60	0.5	0.35	275	2.5	11.9	1.4	58		0.00434	0.0103
MMC-18-09	278.03	278.91	0.88	S00355341	0.5	40	0.5	0.07	34	2.5	4.8	0.5	16		0.00112	0.0016
MMC-18-09	278.91	279.95	1.04	S00355342	0.5	80	0.5	0.39	263	2.5	11.9	1.2	51		0.00427	0.0082
MMC-18-09	279.95	281.01	1.06	S00355343	0.5	20	0.5	0.04	12	2.5	4.2	0.4	9		0.00052	0.0036
MMC-18-09	281.01	282.36	1.35	S00355344	0.5	170	0.5	0.39	317	2.5	14.1	1.5	96		0.00482	0.012
MMC-18-09	282.36	282.7	0.34	S00355345	0.5	190	0.5	0.4	337	2.5	14	1.5	79		0.00752	0.0254
MMC-18-09	282.7	283.99	1.29	S00355346	0.5	170	0.5	0.34	337	2.5	13.3	1.5	93		0.00573	0.0156
MMC-18-09	283.99	285.15	1.16	S00355347	0.5	160	0.5	0.35	318	2.5	13.9	1.4	84		0.0051	0.0156
MMC-18-09	285.15	286.46	1.31	S00355348	0.5	80	0.5	0.36	236	2.5	13	1.4	57		0.00385	0.0068
MMC-18-09	294.81	295.8	0.99	S00355349	0.5	100	0.5	0.5	259	2.5	14.2	1.6	59		0.0043	0.0129
MMC-18-09	295.8	296.46	0.66	S00355351	0.5	60	0.5	0.21	242	2.5	7.2	1	65		0.00406	0.0104
MMC-18-09	296.46	297.38	0.92	S00355352	0.5	20	0.5	0.05	13	2.5	4.2	0.5	10		0.0004	0.0018
MMC-18-09	297.38	297.95	0.57	S00355353	0.5	50	0.5	0.31	267	2.5	9.6	1.2	48		0.00432	0.0084
MMC-18-09	297.95	298.88	0.93	S00355354	0.5	20	0.5	0.14	103	2.5	7.2	0.9	30		0.00201	0.0042
MMC-18-09	298.88	299.77	0.89	S00355355	0.5	20	0.5	0.13	70	2.5	6.8	0.8	20		0.00159	0.0069
MMC-18-09	299.77	300.78	1.01	S00355356	0.5	50	0.5	0.29	281	2.5	12	1.4	51		0.00499	0.0111
MMC-18-09	300.78	301.85	1.07	S00355358	4	80	0.5	0.3	308	2.5	11.8	1.4	55		0.00507	0.0125
MMC-18-09	301.85	302.95	1.1	S00355359	6	90	0.5	0.3	294	2.5	11.2	1.3	59		0.00544	0.0147
MMC-18-09	302.95	304.01	1.06	S00355361	0.5	100	0.5	0.3	304	11	10.4	1.2	57		0.00535	0.0095
MMC-18-09	304.01	304.5	0.49	S00355362	3	60	0.5	0.17	156	2.5	6.9	0.9	34		0.00278	0.0073
MMC-18-09	304.5	305.93	1.43	S00355363	4	20	0.5	0.07	21	2.5	4.2	0.5	10		0.00045	0.0014
MMC-18-09	305.93	306.33	0.4	S00355364	2	10	0.5	0.03	7	6	2	0.2	2.5		0.0002	0.0008

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-09	306.33	307.1	0.77	S00355365	4	70	0.5	0.35	243	2.5	12.3	1.5	51		0.00356	0.008
MMC-18-09	307.1	307.47	0.37	S00355366	0.5	30	0.5	0.05	64	2.5	3.1	0.4	14		0.00134	0.0021
MMC-18-09	307.47	308.34	0.87	S00355367	0.5	100	0.5	0.43	250	2.5	10.4	1.3	55		0.00323	0.0039
MMC-18-09	312.07	313.1	1.03	S00355368	5	130	0.5	0.3	344	2.5	12.2	1.5	80		0.00528	0.0122
MMC-18-09	313.1	313.39	0.29	S00355369	4	50	0.5	0.19	125	2.5	4.1	0.6	43		0.00233	0.0027
MMC-18-09	313.39	314.4	1.01	S00355371	7	150	0.5	0.32	363	2.5	11.8	1.4	87		0.00573	0.0144
MMC-18-09	314.4	315.41	1.01	S00355372	0.5	180	0.5	0.31	342	2.5	12.7	1.4	81		0.00487	0.0124
MMC-18-09	315.41	316.5	1.09	S00355373	1	180	0.5	0.28	347	2.5	13.5	1.5	83		0.00476	0.0126
MMC-18-09	316.5	317.65	1.15	S00355374	5	210	0.5	0.29	337	2.5	14.4	1.6	80		0.00478	0.0111
MMC-18-09	317.65	318.64	0.99	S00355375	1	220	0.5	0.3	299	2.5	18.8	2.2	81		0.00406	0.0091
MMC-18-09	318.64	319.79	1.15	S00355376	4	170	0.5	0.24	266	2.5	15.6	1.8	73		0.00357	0.0083
MMC-18-09	319.79	320.39	0.6	S00355377	3	50	0.5	0.03	10	2.5	2.6	0.3	2.5		0.00023	0.0026
MMC-18-09	320.39	320.98	0.59	S00355378	1	230	0.5	0.35	327	2.5	21.1	2.3	92		0.00433	0.0079
MMC-18-09	320.98	321.51	0.53	S00355379	1	240	0.5	0.35	289	2.5	21.1	2.3	96		0.00781	0.0157
MMC-18-09	321.51	322.68	1.17	S00355381	2	230	0.5	0.63	276	2.5	19.2	2.2	114		0.00455	0.0124
MMC-18-09	322.68	323.77	1.09	S00355382	1	180	0.5	0.89	251	2.5	19.7	2.3	113		0.00443	0.0109
MMC-18-09	323.77	324.45	0.68	S00355383	1	140	0.5	1	300	2.5	19.7	2.2	112		0.00645	0.0123
MMC-18-09	324.45	325.51	1.06	S00355384	1	140	0.5	0.83	305	7	19.1	2.2	106		0.00843	0.0457
MMC-18-09	325.51	326.09	0.58	S00355386	1	170	2	0.92	313	2.5	21.6	2.4	115		0.0262	0.478
MMC-18-09	326.09	326.65	0.56	S00355387	0.5	130	3	0.65	257	2.5	17.4	2	114		0.0185	0.233
MMC-18-09	326.65	327.77	1.12	S00355388	1	120	5	0.63	343	2.5	14.7	1.8	125		0.0249	0.403
MMC-18-09	327.77	328.44	0.67	S00355389	1	120	5	0.55	429	2.5	14.8	1.7	140		0.0227	0.441
MMC-18-09	328.44	329.29	0.85	S00355391	8	170	1	0.98	349	2.5	17.1	2	106		0.00581	0.0678
MMC-18-09	329.29	330.17	0.88	S00355392	5	190	0.5	1.23	340	2.5	19.4	2.2	98		0.0049	0.0424
MMC-18-09	330.17	330.88	0.71	S00355393	7	170	0.5	1.55	464	2.5	20	2.3	100		0.00341	0.021
MMC-18-09	330.88	331.92	1.04	S00355394	2	160	0.5	1.15	362	2.5	18.6	2.1	93		0.00383	0.0145
MMC-18-09	331.92	332.97	1.05	S00355395	1	180	0.5	0.74	286	2.5	18.9	2.1	87		0.00378	0.0106
MMC-18-09	332.97	333.66	0.69	S00355396	1	150	0.5	0.62	276	2.5	17.1	2	91		0.00405	0.0102
MMC-18-09	333.66	334.08	0.42	S00355397	1	90	0.5	0.7	323	2.5	15.3	1.8	96		0.00522	0.0449
MMC-18-09	334.08	335.17	1.09	S00355399	1	220	0.5	0.47	287	2.5	16.6	1.9	86		0.00416	0.0176
MMC-18-09	335.17	336.25	1.08	S00355401	1	90	0.5	0.56	299	2.5	18.3	1.8	72		0.00409	0.0061
MMC-18-09	336.25	336.57	0.32	S00355402	2	140	0.5	0.61	206	2.5	24.7	2.3	46		0.00307	0.0316
MMC-18-09	336.57	337	0.43	S00355403	0.5	70	0.5	0.05	45	2.5	3	0.4	11		0.00049	0.0006
MMC-18-09	337	337.32	0.32	S00355404	2	90	0.5	0.54	342	2.5	19.6	1.8	73		0.00355	0.0018
MMC-18-09	337.32	338.13	0.81	S00355405	0.5	120	0.5	0.29	162	2.5	10.1	1.2	39		0.00183	0.0013
MMC-18-09	338.13	339.46	1.33	S00355406	1	70	0.5	0.67	303	2.5	19.5	1.9	81		0.00399	0.0046
MMC-18-09	339.46	340.35	0.89	S00355407	1	170	0.5	0.77	329	2.5	19.4	2	77		0.00376	0.0136
MMC-18-09	340.35	340.8	0.45	S00355408	1	190	0.5	0.56	357	2.5	16.5	1.5	80		0.00441	0.0172
MMC-18-09	340.8	341.85	1.05	S00355409	1	210	0.5	0.46	316	2.5	17	1.6	76		0.00381	0.0133
MMC-18-09	341.85	342.19	0.34	S00355411	1	190	0.5	0.66	274	2.5	16.9	1.6	77		0.00312	0.0206
MMC-18-09	342.19	343.2	1.01	S00355412	2	210	0.5	0.75	281	2.5	19	1.7	73		0.00351	0.0118
MMC-18-09	343.2	344.41	1.21	S00355413	1	210	0.5	0.65	266	2.5	19.6	1.9	72		0.00392	0.0088
MMC-18-09	344.41	345.45	1.04	S00355414	1	180	0.5	0.64	255	2.5	21.2	2.1	68		0.00366	0.008
MMC-18-09	345.45	346.54	1.09	S00355415	1	180	0.5	0.77	300	2.5	22.2	2	81		0.00434	0.0085
MMC-18-09	346.54	347.71	1.17	S00355416	1	160	0.5	0.83	347	2.5	22.6	2	81		0.0046	0.0072

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-09	347.71	348.99	1.28	S00355417	1	200	0.5	0.9	329	2.5	25.3	2.3	83		0.00493	0.0077
MMC-18-09	348.99	350.01	1.02	S00355418	1	190	0.5	0.91	332	2.5	25.4	2.4	88		0.00487	0.0065
MMC-18-09	350.01	350.75	0.74	S00355419	1	190	0.5	0.87	337	2.5	22.6	2.2	87		0.00465	0.0062
MMC-18-09	350.75	351.33	0.58	S00355421	0.5	5	0.5	0.005	2.5	2.5	0.25	0.05	6		0.000025	0.0006
MMC-18-09	351.33	351.99	0.66	S00355422	1	190	0.5	1.02	355	2.5	23.7	2.3	85		0.00489	0.0098
MMC-18-09	351.99	352.83	0.84	S00355423	1	180	0.5	0.8	343	2.5	19.2	2	90		0.00559	0.0091
MMC-18-09	352.83	353.6	0.77	S00355424	0.5	160	0.5	0.4	311	2.5	12.4	1.2	87		0.00648	0.0115
MMC-18-09	353.6	354.92	1.32	S00355425	0.5	190	0.5	0.45	284	2.5	14.3	1.4	89		0.00571	0.0091
MMC-18-09	354.92	355.92	1	S00355426	0.5	170	0.5	0.38	257	2.5	11.4	1.1	92		0.00602	0.02
MMC-18-09	355.92	356.84	0.92	S00355427	0.5	180	0.5	0.42	248	2.5	12.3	1.3	91		0.00631	0.0193
MMC-18-09	356.84	357.86	1.02	S00355428	0.5	160	0.5	0.36	219	2.5	10.8	1.1	94		0.00655	0.0269
MMC-18-09	357.86	358.59	0.73	S00355429	0.5	150	0.5	0.43	239	2.5	14.6	1.3	96		0.00612	0.0441
MMC-18-09	358.59	358.96	0.37	S00355431	1	150	0.5	0.5	291	2.5	18	1.6	106		0.00654	0.0162
MMC-18-09	358.96	360.18	1.22	S00355432	0.5	140	0.5	0.48	274	2.5	17.3	1.5	103		0.00777	0.0616
MMC-18-09	360.18	360.5	0.32	S00355433	0.5	140	0.5	0.45	243	2.5	16.3	1.6	109		0.0064	0.0776
MMC-18-09	360.5	361.4	0.9	S00355434	1	180	0.5	0.45	254	2.5	16	1.6	90		0.00542	0.0248
MMC-18-09	361.4	362.49	1.09	S00355435	1	210	0.5	0.4	237	2.5	15.8	1.5	80		0.0052	0.0275
MMC-18-09	362.49	363.71	1.22	S00355436	1	200	0.5	0.33	206	2.5	14.4	1.2	87		0.00596	0.0365
MMC-18-09	363.71	365.11	1.4	S00355437	0.5	180	0.5	0.42	237	2.5	12.4	1.2	90		0.00589	0.0327
MMC-18-09	365.11	366.45	1.34	S00355438	1	160	0.5	0.58	278	2.5	20.2	1.7	100		0.00572	0.0359
MMC-18-09	366.45	367.37	0.92	S00355439	0.5	180	0.5	0.47	226	2.5	17.3	1.6	109		0.00735	0.129
MMC-18-09	367.37	368.07	0.7	S00355441	0.5	160	0.5	0.55	221	2.5	16	1.5	115		0.00692	0.106
MMC-18-09	368.07	369.06	0.99	S00355442	1	210	0.5	0.42	210	2.5	15.4	1.5	76		0.00437	0.0256
MMC-18-09	374.93	376.04	1.11	S00355443	1	190	0.5	0.61	244	2.5	19.8	1.8	93		0.00541	0.0553
MMC-18-09	376.04	376.97	0.93	S00355444	1	200	0.5	0.61	228	2.5	20.7	2.1	88		0.0046	0.014
MMC-18-09	376.97	377.96	0.99	S00355445	1	200	0.5	0.59	236	2.5	19.4	1.9	99		0.00539	0.0333
MMC-18-09	377.96	378.96	1	S00355446	0.5	200	0.5	0.58	290	2.5	16.4	1.4	92		0.0055	0.0582
MMC-18-09	378.96	384.85	5.89	S00355447	0.5	200	0.5	0.52	233	2.5	18.8	1.6	89		0.00549	0.0337
MMC-18-09	384.85	385.89	1.04	S00355448	0.5	190	0.5	0.5	216	2.5	16.9	1.7	82		0.00504	0.0309
MMC-18-09	391.89	392.98	1.09	S00355449	0.5	160	0.5	0.54	225	2.5	25.7	2.5	74		0.00466	0.0159
MMC-18-09	392.98	394.08	1.1	S00355451	0.5	170	0.5	0.46	228	2.5	14.8	1.7	89		0.00531	0.0224
MMC-18-09	394.08	395.13	1.05	S00355452	0.5	160	0.5	0.44	229	2.5	14	1.5	94		0.00546	0.0224
MMC-18-09	395.13	395.89	0.76	S00355453	0.5	180	0.5	0.45	210	2.5	13.7	1.5	91		0.00526	0.0201

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-09	71.26	71.65	0.39	S00355313	0.0042	0.088
MMC-18-09	79.43	79.97	0.54	S00355314	0.0008	0.0085
MMC-18-09	260.88	261.9	1.02	S00355315	0.0005	0.006
MMC-18-09	261.9	262.71	0.81	S00355316	0.0158	0.006
MMC-18-09	262.71	263.04	0.33	S00355317	0.217	0.302
MMC-18-09	263.04	263.65	0.61	S00355318	0.0159	0.093
MMC-18-09	263.65	264.1	0.45	S00355319	0.0082	0.0105
MMC-18-09	264.1	265.1	1	S00355321	0.0046	0.006
MMC-18-09	265.1	265.46	0.36	S00355322	0.0057	0.0065
MMC-18-09	265.46	266.09	0.63	S00355323	0.0033	0.0095
MMC-18-09	266.09	266.42	0.33	S00355324	0.0105	0.017
MMC-18-09	266.42	267.31	0.89	S00355325	0.0031	0.0065
MMC-18-09	267.31	268.08	0.77	S00355326	0.0075	0.0095
MMC-18-09	268.08	268.78	0.7	S00355327	0.0031	0.006
MMC-18-09	268.78	269.78	1	S00355329	0.0106	0.0105
MMC-18-09	269.78	270.35	0.57	S00355331	0.0089	0.0085
MMC-18-09	270.35	271.76	1.41	S00355332	0.0013	0.0065
MMC-18-09	271.76	272.48	0.72	S00355333	0.0119	0.011
MMC-18-09	272.48	272.91	0.43	S00355334	0.0024	0.0085
MMC-18-09	272.91	274.04	1.13	S00355335	0.0153	0.011
MMC-18-09	274.04	275.42	1.38	S00355336	0.015	0.0115
MMC-18-09	275.42	276.46	1.04	S00355337	0.0169	0.0135
MMC-18-09	276.46	277.43	0.97	S00355338	0.0177	0.0135
MMC-18-09	277.43	278.03	0.6	S00355339	0.0182	0.0125
MMC-18-09	278.03	278.91	0.88	S00355341	0.0024	0.0075
MMC-18-09	278.91	279.95	1.04	S00355342	0.0162	0.0125
MMC-18-09	279.95	281.01	1.06	S00355343	0.0013	0.0075
MMC-18-09	281.01	282.36	1.35	S00355344	0.0181	0.0135
MMC-18-09	282.36	282.7	0.34	S00355345	0.029	0.026
MMC-18-09	282.7	283.99	1.29	S00355346	0.0223	0.0225
MMC-18-09	283.99	285.15	1.16	S00355347	0.0208	0.035
MMC-18-09	285.15	286.46	1.31	S00355348	0.0119	0.0115
MMC-18-09	294.81	295.8	0.99	S00355349	0.014	0.021
MMC-18-09	295.8	296.46	0.66	S00355351	0.0159	0.014
MMC-18-09	296.46	297.38	0.92	S00355352	0.0011	0.006
MMC-18-09	297.38	297.95	0.57	S00355353	0.0159	0.0145
MMC-18-09	297.95	298.88	0.93	S00355354	0.0072	0.0105
MMC-18-09	298.88	299.77	0.89	S00355355	0.0048	0.0085
MMC-18-09	299.77	300.78	1.01	S00355356	0.018	0.0155
MMC-18-09	300.78	301.85	1.07	S00355358	0.0181	0.0155
MMC-18-09	301.85	302.95	1.1	S00355359	0.0214	0.0155
MMC-18-09	302.95	304.01	1.06	S00355361	0.0211	0.0225
MMC-18-09	304.01	304.5	0.49	S00355362	0.0107	0.0125
MMC-18-09	304.5	305.93	1.43	S00355363	0.0014	0.006
MMC-18-09	305.93	306.33	0.4	S00355364	0.00025	0.006

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-09	306.33	307.1	0.77	S00355365	0.0071	0.0095
MMC-18-09	307.1	307.47	0.37	S00355366	0.0022	0.0075
MMC-18-09	307.47	308.34	0.87	S00355367	0.006	0.01
MMC-18-09	312.07	313.1	1.03	S00355368	0.019	0.0245
MMC-18-09	313.1	313.39	0.29	S00355369	0.0047	0.0065
MMC-18-09	313.39	314.4	1.01	S00355371	0.0198	0.025
MMC-18-09	314.4	315.41	1.01	S00355372	0.0189	0.033
MMC-18-09	315.41	316.5	1.09	S00355373	0.0175	0.019
MMC-18-09	316.5	317.65	1.15	S00355374	0.0155	0.016
MMC-18-09	317.65	318.64	0.99	S00355375	0.0127	0.014
MMC-18-09	318.64	319.79	1.15	S00355376	0.0116	0.0115
MMC-18-09	319.79	320.39	0.6	S00355377	0.0009	0.0065
MMC-18-09	320.39	320.98	0.59	S00355378	0.0128	0.025
MMC-18-09	320.98	321.51	0.53	S00355379	0.026	0.0155
MMC-18-09	321.51	322.68	1.17	S00355381	0.0086	0.0125
MMC-18-09	322.68	323.77	1.09	S00355382	0.0045	0.0125
MMC-18-09	323.77	324.45	0.68	S00355383	0.0249	0.05
MMC-18-09	324.45	325.51	1.06	S00355384	0.0535	0.128
MMC-18-09	325.51	326.09	0.58	S00355386	0.331	0.172
MMC-18-09	326.09	326.65	0.56	S00355387	0.222	0.378
MMC-18-09	326.65	327.77	1.12	S00355388	0.349	0.918
MMC-18-09	327.77	328.44	0.67	S00355389	0.364	0.987
MMC-18-09	328.44	329.29	0.85	S00355391	0.0379	0.191
MMC-18-09	329.29	330.17	0.88	S00355392	0.024	0.108
MMC-18-09	330.17	330.88	0.71	S00355393	0.0026	0.006
MMC-18-09	330.88	331.92	1.04	S00355394	0.0017	0.0065
MMC-18-09	331.92	332.97	1.05	S00355395	0.0025	0.0065
MMC-18-09	332.97	333.66	0.69	S00355396	0.0031	0.006
MMC-18-09	333.66	334.08	0.42	S00355397	0.0248	0.063
MMC-18-09	334.08	335.17	1.09	S00355399	0.0087	0.0105
MMC-18-09	335.17	336.25	1.08	S00355401	0.0018	0.006
MMC-18-09	336.25	336.57	0.32	S00355402	0.0077	0.006
MMC-18-09	336.57	337	0.43	S00355403	0.0024	0.006
MMC-18-09	337	337.32	0.32	S00355404	0.0093	0.0795
MMC-18-09	337.32	338.13	0.81	S00355405	0.0054	0.006
MMC-18-09	338.13	339.46	1.33	S00355406	0.0038	0.006
MMC-18-09	339.46	340.35	0.89	S00355407	0.005	0.006
MMC-18-09	340.35	340.8	0.45	S00355408	0.0159	0.0085
MMC-18-09	340.8	341.85	1.05	S00355409	0.009	0.0075
MMC-18-09	341.85	342.19	0.34	S00355411	0.0069	0.006
MMC-18-09	342.19	343.2	1.01	S00355412	0.0029	0.006
MMC-18-09	343.2	344.41	1.21	S00355413	0.0025	0.006
MMC-18-09	344.41	345.45	1.04	S00355414	0.0016	0.006
MMC-18-09	345.45	346.54	1.09	S00355415	0.0021	0.006
MMC-18-09	346.54	347.71	1.17	S00355416	0.0021	0.006

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-09	347.71	348.99	1.28	S00355417	0.0025	0.006
MMC-18-09	348.99	350.01	1.02	S00355418	0.0043	0.006
MMC-18-09	350.01	350.75	0.74	S00355419	0.0045	0.006
MMC-18-09	350.75	351.33	0.58	S00355421	0.00025	0.006
MMC-18-09	351.33	351.99	0.66	S00355422	0.0035	0.006
MMC-18-09	351.99	352.83	0.84	S00355423	0.0053	0.006
MMC-18-09	352.83	353.6	0.77	S00355424	0.0092	0.015
MMC-18-09	353.6	354.92	1.32	S00355425	0.012	0.015
MMC-18-09	354.92	355.92	1	S00355426	0.0113	0.026
MMC-18-09	355.92	356.84	0.92	S00355427	0.0107	0.021
MMC-18-09	356.84	357.86	1.02	S00355428	0.0111	0.038
MMC-18-09	357.86	358.59	0.73	S00355429	0.013	0.045
MMC-18-09	358.59	358.96	0.37	S00355431	0.0195	0.064
MMC-18-09	358.96	360.18	1.22	S00355432	0.0375	0.259
MMC-18-09	360.18	360.5	0.32	S00355433	0.0211	0.103
MMC-18-09	360.5	361.4	0.9	S00355434	0.0169	0.084
MMC-18-09	361.4	362.49	1.09	S00355435	0.0151	0.055
MMC-18-09	362.49	363.71	1.22	S00355436	0.0157	0.061
MMC-18-09	363.71	365.11	1.4	S00355437	0.0123	0.061
MMC-18-09	365.11	366.45	1.34	S00355438	0.0127	0.066
MMC-18-09	366.45	367.37	0.92	S00355439	0.0216	0.122
MMC-18-09	367.37	368.07	0.7	S00355441	0.0193	0.089
MMC-18-09	368.07	369.06	0.99	S00355442	0.0098	0.036
MMC-18-09	374.93	376.04	1.11	S00355443	0.0144	0.043
MMC-18-09	376.04	376.97	0.93	S00355444	0.0087	0.0175
MMC-18-09	376.97	377.96	0.99	S00355445	0.0104	0.02
MMC-18-09	377.96	378.96	1	S00355446	0.0149	0.037
MMC-18-09	378.96	384.85	5.89	S00355447	0.015	0.046
MMC-18-09	384.85	385.89	1.04	S00355448	0.0143	0.061
MMC-18-09	391.89	392.98	1.09	S00355449	0.0103	0.0135
MMC-18-09	392.98	394.08	1.1	S00355451	0.0139	0.0105
MMC-18-09	394.08	395.13	1.05	S00355452	0.015	0.019
MMC-18-09	395.13	395.89	0.76	S00355453	0.0147	0.0205

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-10	DD	NQ	Phil		175	75	176

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-10	MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_25-28,_101.72-119.02m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_37-40,_153.25-170.36m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_9-12,_33.43-50.26m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_17-20,_67.51-84.67m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_37-40,_153.25-170.36m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_5-8,_16.66-33.43m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_1-4_0.51-16.66m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_29-32,_119.02-136.22m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_1-4_0.51-16.66m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_13-16,_50.26-67.51m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_29-32,_119.02-136.22m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_17-20,_67.51-84.67m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_41-42,_153.25-170.36m_EOH_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_25-28,_101.72-119.02m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_41-42,_153.25-170.36m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_21-24,_84.67-101.72m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_33-36,_136.22-153.25m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_33-36,_136.22-153.25m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_21-24,_84.67-101.72m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_13-16,_50.26-67.51m_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_9-12,_33.43-50.26m_wet.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_41-42,_153.25-170.36m_EOH_dry.JPG   MMC-18-10_Header_Core Photos_MMC-18-10_Bxs_5-8,_16.66-33.43m_wet.JPG	Planned	NAD83 / UTM zone 17N



Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-10	NAD83 / UTM zone 17N	5133589	5133589	436399.7	436399.7	326.64

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-10	Met	Mt	Coreshed	PAT-42276	2018-11-24	2018-11-28

Hole number	Comments
MMC-18-10	95.08-97.86 continuous redrill; @119.86 random 10 cm chunk of drilled metased? didn't count it towards metres drilled; redrill from 122.60-123.14;reset at next block to keep meter marks consistent @12.12-13.16

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-10	2018-11-22	2018-11-24	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-10	0.51	1.5	Overburden	OB	casing 1.5 m
MMC-18-10	1.5	12.12	Metasediments	1C	silicified feldspathic quartzite; masive to moderately foliated; intercalated sections of gray massive silstone, mottled (hornfels metamorphosed?) silicified quartzite; quartzite ~ 90% quartz-rich matrix, ~10% coarse (1-3 mm) plagioclase feldspar grains, rounded and equant; very blocky; strongly foliated brown bt qtz diorite @10.94-11.09.
MMC-18-10	12.12	13.16	Lost core	LC	blocky section; clays along slip planes; likely structure
MMC-18-10	13.16	15.21	Metasediments	1C	same metasediments as before
MMC-18-10	15.21	16.9	Unknown	UNK	granitoid intrusion; pinkish orange; massive texture; sharp upper and lower contacts with metasediments; ~80% potassium feldspar, pinkish orange, subhedral, equant, ~1 cm in size; ~20% quartz, clear, anhedral, interstitial to Kspar, some quartz appears more like veinlets crosscutting across Kspar?, several black fractures crosscutting chaotically infilled with chlorite?
MMC-18-10	16.9	19.18	Metasediments	1A	silicified quartzite; very blocky; some fault gouge; essentially the same as previously described.
MMC-18-10	19.18	19.57	Upper Unit	4D	biotite quartz diorite; fine-grained; strongly foliated; ~95% fine-grained mafic groundmass, ~5% biotite, brown, anhedral, <1 mm in size; rare plagioclase grains ~1 mm in size.
MMC-18-10	19.57	22.57	Metasediments	1C	similar metasediments as before with small ~10 cm dykelets of bt qtz diorite.
MMC-18-10	22.57	24.37	Upper Unit	4D	biotite quartz diorite; fine-grained; strongly foliated; ~90% fine-grained mafic groundmass, ~5% biotite, brown, anhedral, <1 mm in size; ~5% rare plagioclase grains ~1 mm in size.
MMC-18-10	24.37	25.06	Metasediments	1C	silicified-hornfels metasediments similar as before
MMC-18-10	25.06	25.71	Upper Unit	4D	biotite quartz diorite; fine-grained; strongly foliated; ~90% fine-grained mafic groundmass, ~5% biotite, brown, anhedral, <1 mm in size; ~5% rare plagioclase grains ~1 mm in size.
MMC-18-10	25.71	26.2	Unknown	UNK	granitoid intrusion; same as previously described
MMC-18-10	26.2	26.42	Metasediments	1A	silicified fine-grained quartzite; strongly sheared; dissolution along foliation planes.
MMC-18-10	26.42	28.2	Metasediments	1A	silicified quartzite intercalated with decimeter (~10-30 cm) biotite quartz diorite dykelets
MMC-18-10	28.2	32.06	Metasediments	1A	silicified quartzite; fine-grained; strongly foliated; inclined bedding; ~95% silicified quartz matrix; ~5% plagioclase feldspar grains, equant, anhedral, sporadically fine-grained chlorite? disseminated in quartzite.
MMC-18-10	32.06	37.98	Upper Unit	4D	bt qtz diorite w/ decimeter ~10-40 cm clasts of hornfels silicified feldspathic quartzite; bt qtz diorite; grayish; fine-grained; strongly foliated; ~5% plagioclase feldspar, anhedral, equant, ~1 mm in size; ~15% biotite, black, subhedral, platy, ~1 mm in size; ~10% quartz, blue, anhedral, equant, ~1 mm in size, ~75% fine-grained mafic groundmass, grayish-green, anhedral, stretched along foliation, rare prismatic grains of amphibole ~1 mm in length elongated parallel to foliation; some disseminated mineralization beginning @~38 m.
MMC-18-10	37.98	49.72	Upper Unit	4D	bt qtz diorite w/clasts of hornfels mottled silicified quartzite and feldspathic quartzite ~10-100 cm; bt qtz diorite; medium-grained; ~50% plagioclase feldspar, grayish, subhedral to rarely euhedral, equant, ~1-3 mm in size; ~10-15% quartz, blue, anhedral, equant, ~1-5 mm in size; ~10% biotite, black, subhedral, platy, ~1 mm; 25-30% mafics, dark greenish-gray, anhedral, elongated parallel to foliation; trace disseminations of fine-grained Po and Cpy with larger grains elongated along foliation.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-10	49.72	52.91	Metasediments	1C	silicified feldspathic quartzite w/dark mottled spots; quartzite is ~85-90% quartz matrix, ~10-15% plagioclase feldspar grains; overall quartzite is 30-50% dark mottled spots (product of alteration or product of metamorphism?); sharp upper contact with biotite quartz diorite and lower contact is magmatically brecciated w/bt Qtz diorite dykelets crosscutting across metasediments.
MMC-18-10	52.91	53.8	Upper Unit	4D	bt Qtz diorite w/clasts of hornfels mottled silicified quartzite and feldspathic quartzite ~10-100 cm; bt Qtz diorite; medium-grained; ~50% plagioclase feldspar, grayish, subhedral to rarely euhedral, equant, ~1-3 mm in size; ~10-15% quartz, blue, anhedral, equant, ~1-5 mm in size; ~10% biotite, black, subhedral, platy, ~1 mm; 25-30% mafics, dark greenish-gray, anhedral, elongated parallel to foliation
MMC-18-10	53.8	54.79	Metasediments	1C	silicified feldspathic quartzite w/dark mottled spots; quartzite is ~85-90% quartz matrix, ~10-15% plagioclase feldspar grains; overall quartzite is 30-50% dark mottled spots (product of alteration or product of metamorphism?)
MMC-18-10	54.79	60.15	Upper Unit	4D	metasomatized biotite quartz diorite w/rare clasts of mottled hornfels quartzite; biotite quartz diorite; coarse-grained; pale green; strongly foliated; ~15% quartz, blue-gray, anhedral, equant, ~1-3 mm in size; 15% biotite, blackish brown, subhedral, platy, ~1-3 mm in length, elongated parallel to foliation; ~50% plagioclase feldspar, white, anhedral to subhedral, equant to elongated laths, laths are oriented parallel to foliation; 20% mafics, dark green, anhedral, equant to rare prismatic grains, interstitial ophitic? texture of mafics surrounding plagioclase, likely amphibole after pyroxene.
MMC-18-10	60.15	61.49	Metasediments	1C	silicified feldspathic quartzite w/dark mottled spots; quartzite is ~85-90% quartz matrix, ~10-15% plagioclase feldspar grains; overall quartzite is 30-50% dark mottled spots (product of alteration or product of metamorphism?)
MMC-18-10	61.49	62.28	Upper Unit	4D	metasomatized biotite quartz diorite w/rare clasts of mottled hornfels quartzite; biotite quartz diorite; coarse-grained; pale green; strongly foliated; ~15% quartz, blue-gray, anhedral, equant, ~1-3 mm in size; 15% biotite, blackish brown, subhedral, platy, ~1-3 mm in length, elongated parallel to foliation; ~50% plagioclase feldspar, white, anhedral to subhedral, equant to elongated laths, laths are oriented parallel to foliation; 20% mafics, dark green, anhedral, equant to rare prismatic grains, interstitial ophitic? texture of mafics surrounding plagioclase, likely amphibole after pyroxene.
MMC-18-10	62.28	70.58	Upper Unit	4D	bt Qtz diorite w/clasts of hornfels mottled silicified quartzite and feldspathic quartzite ~30 cm; bt Qtz diorite; fine-grained; strongly foliated; transitional upper and lower contact; ~15% biotite, blackish brown, subhedral, platy, ~1-3 mm in length; 10% quartz, blue-gray, anhedral, equant, <1 mm in size; 35% plagioclase, white, anhedral and equant to subhedral needles, ~1 mm in size; 40% mafic fine-grained groundmass, grayish green, likely altered amphibole after pyroxene;
MMC-18-10	70.58	77.08	Upper Unit	4D	same as above except non-foliated
MMC-18-10	77.08	80.19	Upper Unit	4F	Melagabbro w/fragments of Nipissing; Melagabbro; v.fine-grained; dark green; massive to weakly foliated; Nipissing clasts; medium-grained; green; massive; ~20-30% plagioclase, anhedral, equant, ~1 mm; ~70-80% fine-grained mafic groundmass; sporadic 10 cm section w/coarse quartz and plagioclase grains and mottled texture of interstitial mafics; some fine-disseminated mineralization.
MMC-18-10	80.19	87.59	Upper Unit	4F	very similar to above unit, but subtle contact at 80.19 m

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-10	87.59	113.81	Upper Unit	4B	melagabbro; v.fine-grained; sharp upper contact with above fragmental melagabbro (fragment of Nipissing?) with vein along contact; very fine grained gray-green groundmass; strongly foliated at upper contact but transitions to massive texture @ ~90 m; mineralogy unidentifiable (too fine grained) apart from rare plagioclase and pyroxene grains ~1 mm in size; lots of chaotic interconnected carbonate veins (almost crackle breccia) in foliated upper section; heavily chloritized; heavily mineralized with blebby, fracture controlled, and almost net textured sulphides; pentlandite eyes are beginning to become visible in Po; @ ~107 m dark green mm-sized pyroxene grains become more abundant (~5-10%);
MMC-18-10	113.81	123.24	Lower Unit	3A	Nipissing gabbro; medium-grained; grayish-green; massive texture; blebby and disseminated mineralization of Po and Cpy and minor (Sph?); 40% plagioclase feldspar, white, subhedral, elongated laths and interstitial anhedral clusters, 1-3 mm in length; 5% biotite, black, anhedral, platy-equant, <1 mm in size; ~55% mafics, dark green to pale green, anhedral to subhedral, equant to elongated prismatic xtls, 1-3 mm in length, pale green rinds of chlorite on most grains, euhedral elongated xtls of plag and amphibole generally intergrown; mineralized, ~1-3% disseminated Po and Cpy.
MMC-18-10	123.24	133.45	Upper Unit	4B	"coarse" melagabbro; medium-grained; black-dark green; massive to weakly foliated; sharp upper contact and sharp faulted lower contact; disseminated mineralization of Po and Cpy; 20% plagioclase feldspar, grayish, anhedral to euhedral, anhedral interstitial clusters and rare euhedral laths, ~1 mm in size; 80% mafics, dark green to pale green, anhedral to subhedral, equant to prismatic, prismatic dark green amphibole after pyroxene ~20% total of rock, ~60% total of rock is pale green fine-grained chloritized mafic groundmass; coarser bottom portion @ ~131 m has coarser and more abundant plagioclase feldspar, possible nipissing block? but no discernible contacts.
MMC-18-10	133.45	136.18	Upper Unit	4F	fragmental melagabbro; black; very fine-grained; massive texture; sharp faulted upper contact; disseminated mineralization begins to disappear in this unit; 15% plagioclase feldspar, anhedral, equant, rare elongated laths present, mostly interstitial; 85% mafics, ~20% total rock is euhedral elongated dark green amphibole grains, ~65% total rock is fine-grained pale green chloritized groundmass; disseminated mineralization begins to dissipate at beginning of unit
MMC-18-10	136.18	138.4	Lower Unit	3A	block of Nipissing gabbro; black; medium grained; massive texture; disseminated mineralization; transitional upper and lower contact; 30% plagioclase, white, anhedral, equant; ~10% biotite, blackish brown, subhedral, platy; 55% mafics, dark-pale green, anhedral to subhedral, rare coarser dark green amphibole grains and pale green fine-grained chloritized groundmass; ~1% disseminated mineralization.
MMC-18-10	138.4	140.27	Upper Unit	4F	fragmental melagabbro; v.fine grained; black; massive to strongly foliated; transitional upper contact and sharp lower contact; mineralogy is unidentifiable due to small grain size; chaotic fracturing and quartz+carbonate veining present; leucocratic quartz and plagioclase cluster present (primary magmatic or alteration?); fragments of plagioclase ~1-3 cm in size; in strongly foliated section heavily biotite and chlorite altered; 1% Po and Cpy mineralization that is blebby and foliation controlled.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-10	140.27	148.03	Lower Unit	3A	nipissing gabbro; medium to coarse-grained; grayish green; massive texture; blebby and fracture controlled mineralization; 50-60% plagioclase, gray, anhedral to subhedral, anhedral interstitial clusters with rare euhedral laths; 50-60% mafics, dark green, anhedral to subhedral, equant to prismatic, likely amphibole after pyroxene, chloritized rinds on amphibole grains.
MMC-18-10	148.03	175.99	Lower Unit	3A	Nipissing gabbro; medium-grained; black; massive texture; transitional upper and lower contacts; 20% plagioclase feldspar, white, anhedral, equant; 80% mafics, dark green, anhedral to subhedral, equant, dominantly irregular anhedral clusters with minor coarse (~1-3 mm) prismatic amphibole after pyroxene; mineralization is sporadic; there may be several separate layers to this nipissing gabbro based primarily on abundance and grain size of plagioclase; sporadic mineralization might be controlled by this layering.
MMC-18-10	175.99	176	End of hole	End of hole	



Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-10	15.21	16.8	1.59	S00354373	Original	granitoid vein	2.444	0.5	5	0.5	0.5
MMC-18-10	38	38.86	0.86	S00354374	Original	Trace diss pocp	1.782	3	5	6	0.5
MMC-18-10	43.93	45.04	1.11	S00354375	Original	shoulder with trace pocp	2.545	0.5	10	6	1
MMC-18-10	45.04	45.99	0.95	S00354376	Original	1% diss to blebby pocp	2.001	3	10	13	1
MMC-18-10	45.99	47.49	1.5	S00354377	Original	metased with dykelets	2.315	0.5	5	0.5	0.5
MMC-18-10	47.49	48.89	1.4	S00354378	Original	diss trace pocp	2.193	0.5	5	3	0.5
MMC-18-10	48.89	49.71	0.82	S00354379	Original	1% pocp diss to blebby	1.235	0.5	5	5	2
MMC-18-10	52.91	53.8	0.89	S00354381	Original	trace diss pocp	1.936	0.5	5	5	1
MMC-18-10	53.8	54.8	1	S00354382	Original	metasediment	2.118	0.5	5	0.5	0.5
MMC-18-10	54.8	55.88	1.08	S00354383	Original	trace diss pocp	2.49	0.5	5	2	2
MMC-18-10	55.88	56.91	1.03	S00354384	Original	trace diss pocp	2.311	0.5	5	2	1
MMC-18-10	56.91	58.14	1.23	S00354385	Original	trace diss pocp	3.016	55	5	3	0.5
MMC-18-10	58.14	59.13	0.99	S00354386	Original	trace diss pocp	2.322	0.5	5	4	0.5
MMC-18-10	59.13	60.14	1.01	S00354387	Original	trace diss pocp	2.336	0.5	5	5	0.5
MMC-18-10	60.14	61.16	1.02	S00354388	Original	metasediment	2.182	0.5	5	0.5	0.5
MMC-18-10	61.16	61.49	0.33	S00354389	Original		0.728	0.5	5	0.5	0.5
MMC-18-10	61.49	62.33	0.84	S00354391	Original	trace diss po	1.863	0.5	5	6	0.5
MMC-18-10	62.33	63.39	1.06	S00354392	Original	trace diss po, local po blebs	2.433	6	10	8	0.5
MMC-18-10	63.39	64.44	1.05	S00354393	Original	trace diss po	2.309	0.5	5	5	1
MMC-18-10	64.44	65.59	1.15	S00354394	Original	trace diss po	2.606	0.5	5	4	1
MMC-18-10	65.59	66.5	0.91	S00354395	Original	trace diss po	1.888	0.5	5	2	0.5
MMC-18-10	66.5	67.51	1.01	S00354396	Original	trace diss po	2.194	0.5	5	7	0.5
MMC-18-10	67.51	68.31	0.8	S00354397	Original		2.065	0.5	5	6	1
MMC-18-10	68.31	68.79	0.48	S00354398	Original	clast or vein of pocp (up to 3%)	1.088	2	5	5	0.5
MMC-18-10	68.79	69.1	0.31	S00354399	Original	trace diss po	0.682	0.5	5	5	0.5
MMC-18-10	69.1	69.47	0.37	S00354401	Original		1.062	0.5	5	0.5	1
MMC-18-10	69.47	70.56	1.09	S00354402	Original	trace diss pocp	2.485	0.5	5	8	0.5
MMC-18-10	70.56	71.75	1.19	S00354403	Original	trace diss pocp	2.636	0.5	5	8	0.5
MMC-18-10	71.75	72.8	1.05	S00354404	Original	trace diss pocp	2.661	2	20	12	0.5
MMC-18-10	72.8	74.04	1.24	S00354405	Original	1% blebby cppo	2.737	0.5	10	10	1
MMC-18-10	74.04	75.09	1.05	S00354406	Original	trace diss pocp	2.375	0.5	5	4	2
MMC-18-10	75.09	76.28	1.19	S00354407	Original	trace diss pocp	2.798	0.5	5	3	2
MMC-18-10	76.28	77.06	0.78	S00354408	Original	trace diss pocp	1.761	0.5	5	3	2
MMC-18-10	77.06	78.04	0.98	S00354409	Original	trace diss pocp	2.298	4	5	2	1
MMC-18-10	78.04	78.52	0.48	S00354411	Original	trace diss pocp	1.136	0.5	5	3	1
MMC-18-10	78.52	79.45	0.93	S00354412	Original	trace diss pocp	2.263	2	5	3	2
MMC-18-10	79.45	80.61	1.16	S00354413	Original	trace diss pocp	2.582	2	5	4	2
MMC-18-10	80.61	81.74	1.13	S00354414	Original	1-3% blebby pocp	2.625	6	50	49	2
MMC-18-10	81.74	82.85	1.11	S00354415	Original	3% blebby pocp	2.509	17	90	104	1
MMC-18-10	82.85	84.01	1.16	S00354417	Original	3% blebby pocp	2.608	7	50	59	1
MMC-18-10	84.01	85.06	1.05	S00354418	Original	3% blebby pocp	2.374	7	50	61	3
MMC-18-10	85.06	86.06	1	S00354419	Original	1% blebby po with minor cp	2.132	1	20	40	2
MMC-18-10	86.06	87.16	1.1	S00354421	Original	1% blebby pocp	2.454	3	30	22	2
MMC-18-10	87.16	87.78	0.62	S00354422	Original	1% blebby pocp	1.374	9	30	36	0.5
MMC-18-10	87.78	88.96	1.18	S00354423	Original	5% pocp	2.659	32	80	83	0.5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-10	88.96	89.96	1	S00354424	Original	5% blebby pocp	2.271	81	130	141	0.5
MMC-18-10	89.96	91.29	1.33	S00354425	Original	3% pocp as blebs and FF	2.808	106	220	124	0.5
MMC-18-10	91.29	91.71	0.42	S00354426	Original	carb vn with po (~20%)	0.909	121	250	605	2
MMC-18-10	91.71	92.74	1.03	S00354428	Original	10% blebby to net to foliation controlled pocp	2.447	222	360	382	0.5
MMC-18-10	92.74	93.1	0.36	S00354429	Original	20% blebby pocp	0.352	99	110	228	9
MMC-18-10	93.1	94.33	1.23	S00354431	Original	15% blebby to net to foliation controlled pocp	2.767	190	280	298	3
MMC-18-10	94.33	95.33	1	S00354432	Original	15% blebby to net to foliation controlled pocp	1.995	317	590	546	3
MMC-18-10	95.33	96.41	1.08	S00354433	Original	10% blebby to foliation controlled pocp	2.095	316	620	531	5
MMC-18-10	96.41	97.42	1.01	S00354434	Original	10% blebby to foliation controlled	1.785	462	890	806	6
MMC-18-10	97.42	97.94	0.52	S00354435	Original	5% foliation controlled pocp	0.914	279	540	565	5
MMC-18-10	97.94	99.2	1.26	S00354436	Original	10-15% foliation controlled pocp	2.66	358	660	713	6
MMC-18-10	99.2	100.27	1.07	S00354437	Original	5% foliation controlled po	2.176	201	450	416	3
MMC-18-10	100.27	101.3	1.03	S00354438	Original	5% foliation controlled pocp	2.137	327	660	684	5
MMC-18-10	101.3	102.32	1.02	S00354439	Original	5-10% blebby to foliation controlled pocp	2.188	366	790	733	4
MMC-18-10	102.32	103.33	1.01	S00354441	Original	1% blebby and fracture controlled pocp	2.145	340	630	714	5
MMC-18-10	103.33	104.46	1.13	S00354442	Original	1-3% blebby and fracture controlled pocp	2.362	319	600	678	5
MMC-18-10	104.46	105.54	1.08	S00354443	Original	3% diss to locally blebby and fracture controlled pocp	2.359	338	600	719	5
MMC-18-10	105.54	106.6	1.06	S00354444	Original	1% diss pocp	2.216	277	580	616	4
MMC-18-10	106.6	107.77	1.17	S00354445	Original	1% diss pocp locally foliation controlled	2.36	225	410	478	4
MMC-18-10	107.77	108.79	1.02	S00354446	Original	1% diss pocp locally foliation controlled	2.082	207	380	455	3
MMC-18-10	108.79	109.79	1	S00354447	Original	1% diss pocp	2.089	149	300	333	3
MMC-18-10	109.79	110.91	1.12	S00354448	Original	1% diss pocp, possible sphalerite(?)	2.373	205	310	427	2
MMC-18-10	110.91	112.05	1.14	S00354449	Original	1% diss pocp with poss sphal	2.346	181	320	439	2
MMC-18-10	112.05	113.21	1.16	S00354451	Original	3% blebby pocp	2.558	130	260	312	1
MMC-18-10	113.21	113.79	0.58	S00354452	Original	3-5% pocp blebby to qtz/carb vn hosted	1.226	157	260	315	2
MMC-18-10	113.79	114.26	0.47	S00354453	Original	5% blebby to vn pocp	0.885	185	320	448	2
MMC-18-10	114.26	115.29	1.03	S00354454	Original	3% blebby to diss pocp	2.085	209	390	481	3
MMC-18-10	115.29	116.27	0.98	S00354455	Original	1% blebby to diss pocp	2.014	291	510	623	3
MMC-18-10	116.27	117.27	1	S00354456	Original	3% diss to qtz vn hosted pocp	1.92	250	510	535	3
MMC-18-10	117.27	118.28	1.01	S00354457	Original	5% blebby and vn pocp	2.065	255	520	561	4
MMC-18-10	118.28	119.55	1.27	S00354458	Original	3% diss to blebby pocp	2.501	251	510	542	3
MMC-18-10	119.55	120.61	1.06	S00354459	Original	3% diss to blebby pocp	2.179	236	450	557	3
MMC-18-10	120.61	121.68	1.07	S00354461	Original	1% diss pocp	2.225	241	440	562	4
MMC-18-10	121.68	122.72	1.04	S00354462	Original	1% diss pocp	2.14	273	570	643	4
MMC-18-10	122.72	123.3	0.58	S00354463	Original	1% diss pocp	1.076	161	350	414	3
MMC-18-10	123.3	124.31	1.01	S00354464	Original	diss pocp	2.158	144	290	391	3
MMC-18-10	124.31	125.32	1.01	S00354465	Original	diss pocp	2.136	237	420	592	3
MMC-18-10	125.32	126.41	1.09	S00354466	Original	3% diss to locally blebby pocp	2.251	299	480	624	3
MMC-18-10	126.41	127.4	0.99	S00354467	Original	3% diss pocp	2.184	306	430	556	3
MMC-18-10	127.4	128.43	1.03	S00354468	Original	1-3% po>cp	2.286	272	560	611	3
MMC-18-10	128.43	129.45	1.02	S00354469	Original	1% diss po>cp	2.236	320	500	646	3
MMC-18-10	129.45	130.47	1.02	S00354471	Original	3% diss pocp	2.258	387	530	712	4
MMC-18-10	130.47	131.5	1.03	S00354472	Original	1% diss pocp	2.234	278	490	646	4
MMC-18-10	131.5	132.55	1.05	S00354473	Original	1% diss po>cp	2.298	221	460	510	3
MMC-18-10	132.55	133.54	0.99	S00354474	Original	1% diss po>cp	2.11	214	420	528	3

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-10	133.54	134.79	1.25	S00354475	Original	1% diss po>cp	2.774	95	180	255	0.5
MMC-18-10	134.79	135.76	0.97	S00354476	Original		2.124	13	20	39	2
MMC-18-10	135.76	136.22	0.46	S00354477	Original		0.902	31	20	43	2
MMC-18-10	136.22	137.35	1.13	S00354478	Original	trace diss pocp	2.261	17	20	57	3
MMC-18-10	137.35	138.38	1.03	S00354479	Original	trace diss pocp	0.935	43	70	118	2
MMC-18-10	138.38	139.63	1.25	S00354481	Original	5% blebby to vn cp>po	2.578	22	50	31	3
MMC-18-10	139.63	140.29	0.66	S00354482	Original	1% cp>po blebby	1.348	116	120	153	3
MMC-18-10	140.29	141.33	1.04	S00354483	Original	1% diss to locally blebby pocp	2.142	87	150	165	3
MMC-18-10	141.33	142.4	1.07	S00354484	Original	1% diss to locally blebby po>>cp	2.262	221	240	354	4
MMC-18-10	142.4	143.41	1.01	S00354485	Original	1-3% diss to frac controlled cp>po	2.114	80	110	144	3
MMC-18-10	143.41	144.39	0.98	S00354486	Original	3% diss to qtz vn hosted po>cp	2.143	258	390	426	4
MMC-18-10	144.39	145.4	1.01	S00354487	Original	3% blebby po>>cp	2.369	276	360	477	5
MMC-18-10	145.4	146.09	0.69	S00354488	Original	3% blebby po>>cp	1.2	83	160	155	3
MMC-18-10	146.09	147.12	1.03	S00354489	Original		2.268	4	5	16	2
MMC-18-10	147.12	148.06	0.94	S00354491	Original		2.05	0.5	5	12	2
MMC-18-10	148.06	148.99	0.93	S00354492	Original		2.057	12	20	35	2
MMC-18-10	148.99	149.77	0.78	S00354493	Original	1% diss pocp	1.692	45	70	101	2
MMC-18-10	149.77	150.88	1.11	S00354494	Original		2.539	0.5	5	13	3
MMC-18-10	150.88	151.92	1.04	S00354495	Original		2.273	0.5	5	11	2
MMC-18-10	151.92	153.14	1.22	S00354496	Original	trace diss pocp	2.679	6	10	23	2
MMC-18-10	153.14	154.1	0.96	S00354497	Original	1% diss pocp	2.145	152	160	210	0.5
MMC-18-10	154.1	154.41	0.31	S00354498	Original		0.673	29	50	55	0.5
MMC-18-10	154.41	155.51	1.1	S00354499	Original	trace diss po	2.482	15	40	32	0.5
MMC-18-10	155.51	156.63	1.12	S00354501	Original		2.456	15	40	40	0.5
MMC-18-10	156.63	157.66	1.03	S00354502	Original		2.307	0.5	20	26	0.5
MMC-18-10	157.66	158.6	0.94	S00354503	Original		2.219	1	20	21	0.5
MMC-18-10	158.6	159.56	0.96	S00354504	Original		2.112	3	30	33	0.5
MMC-18-10	159.56	160.63	1.07	S00354505	Original		2.498	2	10	16	0.5
MMC-18-10	160.63	161.75	1.12	S00354506	Original	trace diss pocp	2.505	3	10	19	0.5
MMC-18-10	161.75	162.53	0.78	S00354507	Original		1.8	1	5	12	0.5
MMC-18-10	162.53	163.06	0.53	S00354508	Original	qtz/carb vn hosted cp	1.205	0.5	10	10	0.5
MMC-18-10	163.06	163.98	0.92	S00354509	Original		2.01	3	50	58	0.5
MMC-18-10	163.98	164.92	0.94	S00354511	Original		2.139	0.5	10	9	0.5
MMC-18-10	164.92	166.03	1.11	S00354512	Original	trace diss cp	2.468	2	10	9	0.5
MMC-18-10	166.03	167	0.97	S00354513	Original	trace diss pocp	2.291	0.5	5	8	0.5
MMC-18-10	167	168.13	1.13	S00354514	Original		2.568	0.5	5	7	0.5
MMC-18-10	168.13	169.16	1.03	S00354515	Original		2.327	0.5	20	36	0.5
MMC-18-10	169.16	170.24	1.08	S00354516	Original	trace diss po	2.398	0.5	5	9	0.5
MMC-18-10	170.24	171.29	1.05	S00354517	Original		2.445	1	5	9	0.5
MMC-18-10	171.29	172.35	1.06	S00354518	Original		2.357	0.5	5	24	0.5
MMC-18-10	172.35	173.43	1.08	S00354519	Original		2.428	0.5	5	8	0.5
MMC-18-10	173.43	174.43	1	S00354521	Original	trace po as diss and fratures	2.255	0.5	10	9	0.5
MMC-18-10	174.43	175.49	1.06	S00354522	Original		2.423	0.5	5	10	0.5
MMC-18-10	175.49	176	0.51	S00354523	Original		1.169	3	5	8	0.5

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-10	15.21	16.8	1.59	S00354373	5.84	4	120	1	0.05	0.4	0.1	3.9	100	0.4	10	1.05	0.8
MMC-18-10	38	38.86	0.86	S00354374	9.7	22	550	2	0.2	2.6	0.3	49.5	342	1.7	123	6.18	2.9
MMC-18-10	43.93	45.04	1.11	S00354375	8.97	6	460	2	0.2	2.4	0.1	47.9	305	1.4	107	5.51	2.7
MMC-18-10	45.04	45.99	0.95	S00354376	9.58	75	440	1	0.2	2.5	0.1	87.6	370	1.5	142	6.61	2.6
MMC-18-10	45.99	47.49	1.5	S00354377	3.69	5	220	0.5	0.05	0.8	0.1	10.4	101	0.4	46	1.67	1.2
MMC-18-10	47.49	48.89	1.4	S00354378	7.08	10	470	1	0.1	1.2	0.1	25.5	206	1	45	3.52	2.4
MMC-18-10	48.89	49.71	0.82	S00354379	9.37	8	540	2	0.1	2.2	0.1	36.9	256	1.1	66	5.53	2.8
MMC-18-10	52.91	53.8	0.89	S00354381	9.2	32	610	2	0.2	1.4	0.1	44.4	281	1.5	32	5.39	3.1
MMC-18-10	53.8	54.8	1	S00354382	2.91	7	120	0.5	0.05	1	0.1	4.4	60	0.2	9	0.85	0.7
MMC-18-10	54.8	55.88	1.08	S00354383	10.1	1.5	570	2	0.05	1.5	0.1	34.1	170	1.9	76	6.25	3.2
MMC-18-10	55.88	56.91	1.03	S00354384	10.6	5	530	3	0.1	1.8	0.1	34.1	166	1.9	29	6	3
MMC-18-10	56.91	58.14	1.23	S00354385	10.6	6	460	2	0.1	2.3	0.1	34.7	178	2.1	44	5.92	3
MMC-18-10	58.14	59.13	0.99	S00354386	10.3	7	470	2	0.1	2.3	0.1	38.5	286	2.2	33	6.25	3.2
MMC-18-10	59.13	60.14	1.01	S00354387	11.3	20	550	2	0.2	2	0.1	47.7	427	1.8	13	6.49	3.5
MMC-18-10	60.14	61.16	1.02	S00354388	3.29	11	160	0.5	0.05	0.8	0.1	7.5	95	0.5	26	0.97	1
MMC-18-10	61.16	61.49	0.33	S00354389	2.62	9	130	0.5	0.05	0.4	0.1	7.7	82	0.4	44	1.13	1
MMC-18-10	61.49	62.33	0.84	S00354391	9.94	30	510	2	0.1	1.6	0.1	46.1	406	2.2	17	6.08	3.3
MMC-18-10	62.33	63.39	1.06	S00354392	11.3	49	440	2	0.2	2.7	0.1	57.2	473	1.9	58	6.74	3.1
MMC-18-10	63.39	64.44	1.05	S00354393	9.9	17	480	1	0.1	2	0.1	42.4	413	1.5	69	6.17	2.9
MMC-18-10	64.44	65.59	1.15	S00354394	11	10	590	2	0.1	2.3	0.1	38.3	363	1.7	26	5.8	3.3
MMC-18-10	65.59	66.5	0.91	S00354395	3.22	7	210	0.5	0.05	0.6	0.1	10.5	171	0.5	35	1.67	1.1
MMC-18-10	66.5	67.51	1.01	S00354396	8.35	12	550	2	0.1	1.4	0.1	36	394	1.2	92	4.79	2.3
MMC-18-10	67.51	68.31	0.8	S00354397	10.7	16	630	2	0.1	2.3	0.1	47.3	456	1.1	112	6.11	2.6
MMC-18-10	68.31	68.79	0.48	S00354398	6.44	1.5	250	0.5	0.2	1.2	0.1	76.2	396	0.6	590	6.7	1
MMC-18-10	68.79	69.1	0.31	S00354399	10.7	3	940	2	0.05	0.9	0.1	36.6	343	1.4	70	5.55	3.5
MMC-18-10	69.1	69.47	0.37	S00354401	2.37	5	160	0.5	0.05	0.8	0.1	8.7	163	0.4	65	1.18	0.6
MMC-18-10	69.47	70.56	1.09	S00354402	9.84	31	410	1	0.1	2.7	0.1	60.5	466	0.7	168	7.11	1.6
MMC-18-10	70.56	71.75	1.19	S00354403	10.8	28	380	1	0.1	3.6	0.1	55.5	508	0.7	161	7.72	1.5
MMC-18-10	71.75	72.8	1.05	S00354404	10.2	53	330	1	0.1	3.3	0.5	74.3	492	0.6	230	8.12	1.2
MMC-18-10	72.8	74.04	1.24	S00354405	10.6	17	400	2	0.05	3.4	0.8	55.6	335	0.7	294	7.43	1.5
MMC-18-10	74.04	75.09	1.05	S00354406	11.2	18	330	2	0.05	4.1	0.1	44.6	325	0.9	61	7.07	1.3
MMC-18-10	75.09	76.28	1.19	S00354407	11.2	15	290	2	0.05	4.7	0.1	44.2	326	0.9	40	7.37	1.1
MMC-18-10	76.28	77.06	0.78	S00354408	10.4	9	120	1	0.1	5.8	0.1	39.6	325	0.6	38	7.67	0.6
MMC-18-10	77.06	78.04	0.98	S00354409	9.52	4	80	1	0.1	5.9	0.1	48.3	139	1.8	159	9.62	0.5
MMC-18-10	78.04	78.52	0.48	S00354411	8.51	4	140	0.5	0.1	4.8	0.1	63.7	155	4.2	142	11.7	1.1
MMC-18-10	78.52	79.45	0.93	S00354412	9.31	17	110	1	0.2	5.3	0.1	53.8	155	1.9	130	8.99	0.7
MMC-18-10	79.45	80.61	1.16	S00354413	8.35	18	130	1	0.2	4.3	0.1	57.6	308	1.6	201	9.38	0.7
MMC-18-10	80.61	81.74	1.13	S00354414	8.38	52	190	1	0.7	5.5	0.1	78.5	546	2.4	343	8.94	1
MMC-18-10	81.74	82.85	1.11	S00354415	9.07	146	310	1	1.3	3.7	0.1	145	500	2.7	502	9.24	1.3
MMC-18-10	82.85	84.01	1.16	S00354417	9.19	165	300	1	1.4	4.3	0.1	123	482	2.2	390	8.31	1.2
MMC-18-10	84.01	85.06	1.05	S00354418	9.09	114	330	1	1.4	4.3	0.1	104	511	2	464	8.49	1.1
MMC-18-10	85.06	86.06	1	S00354419	9.23	115	400	2	0.7	4.4	0.1	81.2	500	2.4	177	7.61	1.4
MMC-18-10	86.06	87.16	1.1	S00354421	8.94	32	370	1	0.5	4.4	0.3	62.9	482	2.5	297	8.2	1.4
MMC-18-10	87.16	87.78	0.62	S00354422	8.69	13	250	1	0.9	4.7	0.1	89.6	468	2.3	404	9.02	1
MMC-18-10	87.78	88.96	1.18	S00354423	8.02	47	380	1	2.6	5.7	0.3	177	562	2.7	2380	12	1.4

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-10	88.96	89.96	1	S00354424	7.33	55	200	0.5	6.1	3.8	0.1	235	368	2.9	1040	12.6	0.9
MMC-18-10	89.96	91.29	1.33	S00354425	7.36	53	170	0.5	5.8	3.9	0.3	212	269	2.2	1620	12.1	0.8
MMC-18-10	91.29	91.71	0.42	S00354426	6.1	467	70	0.5	8.4	8	1.6	584	176	0.6	3880	15.4	0.4
MMC-18-10	91.71	92.74	1.03	S00354428	7.08	310	80	0.5	13.7	4.2	0.3	544	172	1.4	1420	16.1	0.4
MMC-18-10	92.74	93.1	0.36	S00354429	6.57	165	60	0.5	9.8	3.8	1.9	541	156	0.7	18900	17.1	0.3
MMC-18-10	93.1	94.33	1.23	S00354431	6.26	66	50	0.5	14.3	3.7	0.6	544	207	0.6	4160	18.7	0.2
MMC-18-10	94.33	95.33	1	S00354432	6.4	37	100	0.5	22.7	4.2	1	461	299	0.7	9220	16	0.4
MMC-18-10	95.33	96.41	1.08	S00354433	7.88	40	180	0.5	23.4	4.5	1.3	258	341	1.1	7640	13	0.6
MMC-18-10	96.41	97.42	1.01	S00354434	7.4	77	210	0.5	36.2	4.3	1.3	298	497	1.3	8030	12.1	0.8
MMC-18-10	97.42	97.94	0.52	S00354435	7.82	175	240	0.5	24.4	4.8	1.1	304	558	1.6	7180	12.1	0.9
MMC-18-10	97.94	99.2	1.26	S00354436	7.31	115	210	0.5	31.5	4.6	1.4	373	544	1	9320	13	0.8
MMC-18-10	99.2	100.27	1.07	S00354437	8.03	102	260	0.5	15.7	5	1	239	573	1.1	4760	11	1
MMC-18-10	100.27	101.3	1.03	S00354438	7.41	142	200	0.5	26.4	4.2	1.2	318	605	1.3	6770	12.7	0.7
MMC-18-10	101.3	102.32	1.02	S00354439	7.57	212	210	0.5	29.5	4.2	1.1	343	610	1.6	6330	12.8	0.8
MMC-18-10	102.32	103.33	1.01	S00354441	7.12	143	180	0.5	29.1	4.1	1.4	331	682	1.1	6720	13.8	0.7
MMC-18-10	103.33	104.46	1.13	S00354442	6.74	127	180	0.5	26.2	4.1	1.4	328	685	1.2	7270	12.7	0.7
MMC-18-10	104.46	105.54	1.08	S00354443	6.76	119	170	0.5	27	3.9	1.3	365	704	1.1	7510	13.1	0.6
MMC-18-10	105.54	106.6	1.06	S00354444	6.45	173	170	0.5	23.6	3.8	1.3	339	655	1	7270	12.5	0.6
MMC-18-10	106.6	107.77	1.17	S00354445	6.93	311	220	0.5	18.4	4.3	1.1	302	685	0.9	5540	11.5	0.9
MMC-18-10	107.77	108.79	1.02	S00354446	6.72	91	170	0.5	17.6	4.7	1.1	271	695	0.7	5190	12.2	0.7
MMC-18-10	108.79	109.79	1	S00354447	6.92	97	180	0.5	13.9	5.2	0.8	229	708	0.9	3870	11.8	0.7
MMC-18-10	109.79	110.91	1.12	S00354448	6.93	111	110	0.5	15.9	4.6	0.8	255	570	1.2	4540	12.7	0.5
MMC-18-10	110.91	112.05	1.14	S00354449	6.8	313	140	0.5	15.5	5.2	0.7	315	469	2.3	3880	12.6	0.7
MMC-18-10	112.05	113.21	1.16	S00354451	6.75	343	140	0.5	9.7	5.5	0.5	258	394	2.4	2520	11.3	0.6
MMC-18-10	113.21	113.79	0.58	S00354452	6.66	111	190	0.5	11.8	5.5	0.8	194	235	4	3680	11.2	0.9
MMC-18-10	113.79	114.26	0.47	S00354453	7.6	225	190	0.5	15.5	5.5	0.7	244	180	2.6	3970	11.5	0.8
MMC-18-10	114.26	115.29	1.03	S00354454	7.66	175	180	0.5	18.3	5.5	0.8	255	163	2.2	4470	11.5	0.7
MMC-18-10	115.29	116.27	0.98	S00354455	8.35	179	170	0.5	25.5	5.5	0.9	313	142	2.4	4920	12.2	0.8
MMC-18-10	116.27	117.27	1	S00354456	7.97	144	180	1	18.7	5.8	0.9	255	133	2.4	4740	11.3	0.8
MMC-18-10	117.27	118.28	1.01	S00354457	7.88	89	150	0.5	19.7	5.8	1.2	242	132	2.3	6420	11.2	0.6
MMC-18-10	118.28	119.55	1.27	S00354458	7.99	54	190	0.5	19.4	5.8	0.9	235	128	3	5450	11.8	0.8
MMC-18-10	119.55	120.61	1.06	S00354459	7.73	110	180	0.5	19.7	5.7	1.1	291	126	3.6	5880	12.4	0.8
MMC-18-10	120.61	121.68	1.07	S00354461	7.71	145	160	0.5	19.8	5.8	1.2	296	139	2.9	6240	12.7	0.7
MMC-18-10	121.68	122.72	1.04	S00354462	7.52	160	160	0.5	20.3	5.7	1.2	297	154	2.8	6520	12.3	0.7
MMC-18-10	122.72	123.3	0.58	S00354463	7.67	101	210	0.5	13.7	5.9	0.8	226	172	3.2	4360	11.4	0.8
MMC-18-10	123.3	124.31	1.01	S00354464	7.96	28	200	0.5	12.4	6	0.7	179	185	3.3	4070	11.1	0.9
MMC-18-10	124.31	125.32	1.01	S00354465	7.19	79	200	0.5	19.2	5.5	1.1	250	198	3.5	6060	11.9	0.9
MMC-18-10	125.32	126.41	1.09	S00354466	7.26	232	160	0.5	20.3	5.5	1.1	283	208	3	5850	12.2	0.7
MMC-18-10	126.41	127.4	0.99	S00354467	7.04	414	160	0.5	17.3	5.4	1	280	192	3.2	5500	11.9	0.7
MMC-18-10	127.4	128.43	1.03	S00354468	6.52	180	130	0.5	18.1	5.5	1	263	198	2.7	5860	12.4	0.7
MMC-18-10	128.43	129.45	1.02	S00354469	7.6	514	140	0.5	20.4	5.5	1	334	160	3.1	5910	12.6	0.7
MMC-18-10	129.45	130.47	1.02	S00354471	7.3	520	160	0.5	21	5.3	1.2	340	134	3.6	6870	12.7	0.8
MMC-18-10	130.47	131.5	1.03	S00354472	7.54	165	110	0.5	20.6	5.7	1.1	308	170	1.5	6490	12.1	0.5
MMC-18-10	131.5	132.55	1.05	S00354473	7.21	150	120	0.5	17.1	5.8	1	261	176	2.3	5720	11.9	0.6
MMC-18-10	132.55	133.54	0.99	S00354474	7.24	62	130	0.5	16.8	5.7	1	223	132	2.8	5750	12	0.6

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MMC-18-10	133.54	134.79	1.25	S00354475	7.11	23	130	0.5	6	5.7	0.5	109	78	3.2	1780	10.2	0.6
MMC-18-10	134.79	135.76	0.97	S00354476	7.89	1.5	220	0.5	0.7	6.5	0.2	50.3	99	4.7	166	9.85	1.1
MMC-18-10	135.76	136.22	0.46	S00354477	9.31	1.5	280	1	1	6.1	0.1	35.1	117	3.5	11	10.2	1.1
MMC-18-10	136.22	137.35	1.13	S00354478	8.33	11	210	1	0.9	5.4	0.2	41.9	122	2.6	223	8.11	0.8
MMC-18-10	137.35	138.38	1.03	S00354479	8.38	27	180	0.5	1.9	4.6	0.3	53.7	92	2.6	1130	8.78	0.8
MMC-18-10	138.38	139.63	1.25	S00354481	8.98	7	280	1	1	4.2	0.4	48.1	289	4	1260	8.46	1.2
MMC-18-10	139.63	140.29	0.66	S00354482	7.55	115	310	0.5	4.3	2.8	0.7	135	1120	6.5	2310	11.6	1.5
MMC-18-10	140.29	141.33	1.04	S00354483	8.56	132	230	0.5	4.1	4.4	0.5	75	143	1.4	1450	7.98	0.7
MMC-18-10	141.33	142.4	1.07	S00354484	8.35	94	180	1	8.5	4	0.6	124	75	1	2480	9.26	0.7
MMC-18-10	142.4	143.41	1.01	S00354485	7.94	87	210	1	3.5	6.6	0.7	86.4	61	1.4	2130	7.9	0.7
MMC-18-10	143.41	144.39	0.98	S00354486	8.06	134	230	1	10.5	6.1	1	176	60	3.6	4370	11.2	1
MMC-18-10	144.39	145.4	1.01	S00354487	7.26	48	150	0.5	13.2	6.9	0.9	154	53	2.3	5090	11.7	0.7
MMC-18-10	145.4	146.09	0.69	S00354488	7.34	16	140	0.5	3.7	7.4	0.5	88.9	57	3.4	2020	11	0.8
MMC-18-10	146.09	147.12	1.03	S00354489	7.66	1.5	180	0.5	0.5	7	0.1	50.7	57	3	172	9.89	0.8
MMC-18-10	147.12	148.06	0.94	S00354491	7.48	1.5	190	0.5	0.4	7	0.1	49	56	2.5	141	9.09	0.8
MMC-18-10	148.06	148.99	0.93	S00354492	7.58	3	180	0.5	0.5	7	0.2	51.3	62	3.5	265	9.98	0.8
MMC-18-10	148.99	149.77	0.78	S00354493	7.35	17	190	0.5	1.6	6.9	0.3	65.7	59	3.9	983	10.1	0.8
MMC-18-10	149.77	150.88	1.11	S00354494	7.91	4	200	0.5	0.2	7.2	0.3	49.7	79	3	196	9.4	0.8
MMC-18-10	150.88	151.92	1.04	S00354495	7.79	4	170	0.5	0.3	7.2	0.1	50.4	53	2.4	211	9.29	0.7
MMC-18-10	151.92	153.14	1.22	S00354496	7.68	5	150	0.5	0.5	7.1	0.3	48.2	48	2	415	8.79	0.6
MMC-18-10	153.14	154.1	0.96	S00354497	8.99	38	170	0.5	4.8	6.8	0.4	104	59	2.8	2430	10.7	0.8
MMC-18-10	154.1	154.41	0.31	S00354498	8.57	12	160	0.5	1	7.4	0.3	63	61	1.8	1170	9.45	0.7
MMC-18-10	154.41	155.51	1.1	S00354499	7.8	4	140	0.5	0.7	7.4	0.1	46.2	53	1.4	470	8.78	0.5
MMC-18-10	155.51	156.63	1.12	S00354501	8.25	6	170	0.5	0.5	7.1	0.1	50.9	63	2.5	380	8.94	0.8
MMC-18-10	156.63	157.66	1.03	S00354502	8.29	1.5	180	0.5	0.2	7.1	0.2	51.3	68	3.1	210	9.36	0.8
MMC-18-10	157.66	158.6	0.94	S00354503	8.21	4	180	0.5	0.3	7.1	0.2	51	67	2.9	190	9.54	0.8
MMC-18-10	158.6	159.56	0.96	S00354504	8.04	12	150	0.5	0.2	7.8	0.1	52.8	58	2.6	208	8.78	0.6
MMC-18-10	159.56	160.63	1.07	S00354505	8.82	4	180	0.5	0.2	6.6	0.2	49.2	62	2.9	184	9	0.8
MMC-18-10	160.63	161.75	1.12	S00354506	8.75	5	160	1	0.2	7.4	0.3	52.1	59	2.2	229	9.72	0.7
MMC-18-10	161.75	162.53	0.78	S00354507	8.49	3	140	0.5	0.2	8	0.2	48.4	61	1.3	134	8.81	0.6
MMC-18-10	162.53	163.06	0.53	S00354508	8.76	5	140	0.5	0.2	7.6	0.1	50.1	68	2.1	190	9.18	0.7
MMC-18-10	163.06	163.98	0.92	S00354509	9.14	7	160	0.5	0.2	7	0.2	48.1	58	2.1	279	8.82	0.8
MMC-18-10	163.98	164.92	0.94	S00354511	8.68	3	170	0.5	0.2	7.4	0.1	51.3	59	2.5	112	8.83	0.8
MMC-18-10	164.92	166.03	1.11	S00354512	8.97	5	170	0.5	0.1	7.4	0.1	45.6	64	1.9	130	9.21	0.7
MMC-18-10	166.03	167	0.97	S00354513	8.18	4	140	0.5	0.1	6.8	0.2	46.5	65	1.5	103	8.37	0.6
MMC-18-10	167	168.13	1.13	S00354514	8.19	5	160	0.5	0.1	7.7	0.1	49.4	63	1.6	180	8.78	0.7
MMC-18-10	168.13	169.16	1.03	S00354515	8.36	1.5	160	0.5	0.05	8.4	0.1	52.7	83	2.3	165	9.09	0.8
MMC-18-10	169.16	170.24	1.08	S00354516	8.08	4	120	0.5	0.1	7.9	0.1	50.1	75	1.5	152	8.76	0.6
MMC-18-10	170.24	171.29	1.05	S00354517	8.39	5	140	0.5	0.05	8.4	0.1	52.3	86	1.6	155	8.57	0.6
MMC-18-10	171.29	172.35	1.06	S00354518	8.11	3	140	0.5	0.05	8.1	0.1	49	87	1.9	128	8.86	0.7
MMC-18-10	172.35	173.43	1.08	S00354519	7.21	3	120	0.5	0.1	7.6	0.1	43.1	80	1.4	111	8.75	0.5
MMC-18-10	173.43	174.43	1	S00354521	7.24	1.5	110	0.5	0.1	8.2	0.1	49.7	78	1.4	122	8.23	0.6
MMC-18-10	174.43	175.49	1.06	S00354522	7.41	1.5	110	0.5	0.1	8.3	0.1	47.8	77	1.1	119	8.58	0.5
MMC-18-10	175.49	176	0.51	S00354523	7.96	1.5	110	0.5	0.2	7.9	0.1	47.6	91	1.2	135	8.76	0.5

Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-10	15.21	16.8	1.59	S00354373	21.4	2.5	0.22	80	4	8	0.005	2	0.5	0.5	37.9	0.5	50	0.5
MMC-18-10	38	38.86	0.86	S00354374	21	28	2.85	400	5	202	0.01	26	0.5	0.5	27.1	0.5	90	0.5
MMC-18-10	43.93	45.04	1.11	S00354375	23.4	23	2.5	380	4	180	0.005	10	0.5	0.5	29	0.5	90	0.5
MMC-18-10	45.04	45.99	0.95	S00354376	23.1	26	2.96	450	5	293	0.01	8	0.5	0.5	27.4	0.5	80	0.5
MMC-18-10	45.99	47.49	1.5	S00354377	11.9	8	0.54	120	3	32	0.005	8	0.5	0.5	40	0.5	40	0.5
MMC-18-10	47.49	48.89	1.4	S00354378	15.6	17	1.55	230	3	88	0.01	7	0.5	0.5	34.4	0.5	60	0.5
MMC-18-10	48.89	49.71	0.82	S00354379	23.8	28	2.48	380	4	122	0.04	10	0.5	0.5	29.3	0.5	90	0.5
MMC-18-10	52.91	53.8	0.89	S00354381	19.8	24	2.53	370	3	122	0.03	8	0.5	0.5	29.3	0.5	50	0.5
MMC-18-10	53.8	54.8	1	S00354382	6.9	2.5	0.25	100	2	11	0.04	4	0.5	0.5	40	0.5	30	0.5
MMC-18-10	54.8	55.88	1.08	S00354383	30	22	2.35	450	3	67	0.03	8	0.5	0.5	27.4	0.5	70	0.5
MMC-18-10	55.88	56.91	1.03	S00354384	36.1	23	2.41	460	3	70	0.04	9	0.5	0.5	27.5	0.5	80	0.5
MMC-18-10	56.91	58.14	1.23	S00354385	29.2	26	2.5	470	3	66	0.03	11	0.5	0.5	27.3	0.5	90	0.5
MMC-18-10	58.14	59.13	0.99	S00354386	26.6	27	2.88	490	4	105	0.02	11	0.5	0.5	26	0.5	80	0.5
MMC-18-10	59.13	60.14	1.01	S00354387	18.4	29	3.46	510	3	147	0.02	7	0.5	0.5	25.4	0.5	60	0.5
MMC-18-10	60.14	61.16	1.02	S00354388	12.2	6	0.36	90	4	13	0.005	5	0.5	0.5	40	0.5	30	0.5
MMC-18-10	61.16	61.49	0.33	S00354389	10.8	6	0.38	100	2	25	0.005	14	0.5	0.5	40	0.5	20	0.5
MMC-18-10	61.49	62.33	0.84	S00354391	18.5	29	3.28	460	4	152	0.005	5	0.5	0.5	26.2	0.5	50	0.5
MMC-18-10	62.33	63.39	1.06	S00354392	21.8	29	3.75	530	5	193	0.02	8	0.5	0.5	24	0.5	70	0.5
MMC-18-10	63.39	64.44	1.05	S00354393	15.8	28	3.4	510	4	137	0.02	7	0.5	0.5	26.6	0.5	50	0.5
MMC-18-10	64.44	65.59	1.15	S00354394	20.2	28	3.33	530	1	93	0.02	7	0.5	0.5	26.7	0.5	80	0.5
MMC-18-10	65.59	66.5	0.91	S00354395	9.9	8	0.75	160	4	46	0.005	5	0.5	0.5	40	0.5	30	0.5
MMC-18-10	66.5	67.51	1.01	S00354396	13.8	23	2.75	440	3	153	0.01	6	0.5	0.5	30	0.5	80	0.5
MMC-18-10	67.51	68.31	0.8	S00354397	16	28	3.61	580	3	143	0.02	9	0.5	0.5	26.2	0.5	120	0.5
MMC-18-10	68.31	68.79	0.48	S00354398	16.5	22	3.19	540	10	187	0.005	6	0.5	0.5	31.2	1	70	0.5
MMC-18-10	68.79	69.1	0.31	S00354399	12.7	26	3.37	530	2	92	0.005	8	0.5	0.5	26.3	0.5	60	0.5
MMC-18-10	69.1	69.47	0.37	S00354401	8.2	6	0.44	120	8	69	0.005	6	0.5	0.5	40	0.5	30	0.5
MMC-18-10	69.47	70.56	1.09	S00354402	17.5	25	3.84	700	4	184	0.02	10	0.5	0.5	26.3	0.5	150	0.5
MMC-18-10	70.56	71.75	1.19	S00354403	19.8	26	4.12	760	4	191	0.02	12	0.5	0.5	24.1	0.5	190	0.5
MMC-18-10	71.75	72.8	1.05	S00354404	19.1	27	4.15	790	5	231	0.03	16	0.5	0.5	25	0.5	180	0.5
MMC-18-10	72.8	74.04	1.24	S00354405	19.6	27	3.91	720	6	184	0.03	32	0.5	0.5	25	0.5	200	0.5
MMC-18-10	74.04	75.09	1.05	S00354406	19.3	28	3.76	780	3	83	0.03	9	0.5	0.5	23.8	0.5	230	0.5
MMC-18-10	75.09	76.28	1.19	S00354407	19.7	26	3.71	840	2	83	0.03	10	0.5	0.5	23.7	0.5	260	0.5
MMC-18-10	76.28	77.06	0.78	S00354408	20.9	22	3.49	1000	1	80	0.04	12	0.5	0.5	24.5	0.5	290	0.5
MMC-18-10	77.06	78.04	0.98	S00354409	20	17	2.9	1110	1	52	0.07	12	0.5	0.5	24.8	0.5	270	0.5
MMC-18-10	78.04	78.52	0.48	S00354411	19.9	22	3.56	1380	1	64	0.06	10	0.5	0.5	25.2	1	190	0.5
MMC-18-10	78.52	79.45	0.93	S00354412	21.8	18	3.31	1170	1	64	0.06	10	0.5	0.5	24.6	0.5	230	0.5
MMC-18-10	79.45	80.61	1.16	S00354413	20.2	21	4.44	1140	3	101	0.06	8	0.5	0.5	25.6	1	180	0.5
MMC-18-10	80.61	81.74	1.13	S00354414	22.3	17	3.87	1050	11	740	0.05	10	0.5	0.5	24.9	0.5	220	0.5
MMC-18-10	81.74	82.85	1.11	S00354415	28.1	19	3.37	840	22	1670	0.06	10	1.66	0.5	25	0.5	210	1
MMC-18-10	82.85	84.01	1.16	S00354417	27.2	20	3.75	900	7	943	0.05	15	1.17	0.5	25.1	2	230	1
MMC-18-10	84.01	85.06	1.05	S00354418	24.1	21	3.87	900	10	906	0.06	12	1.04	0.5	24.7	0.5	220	0.5
MMC-18-10	85.06	86.06	1	S00354419	27.2	22	3.66	910	7	610	0.08	11	0.5	0.5	25.4	0.5	220	0.5
MMC-18-10	86.06	87.16	1.1	S00354421	20.7	25	3.71	950	5	431	0.06	15	0.5	0.5	24.3	0.5	160	0.5
MMC-18-10	87.16	87.78	0.62	S00354422	16.4	20	3.45	1000	8	804	0.03	11	0.5	0.5	24.4	0.5	160	0.5
MMC-18-10	87.78	88.96	1.18	S00354423	15.7	19	3.85	1270	18	2080	0.04	9	1.87	0.5	21.7	6	130	2

Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-10	88.96	89.96	1	S00354424	14.6	18	3.38	1140	21	2910	0.03	9	2.48	0.5	22.6	6	130	3
MMC-18-10	89.96	91.29	1.33	S00354425	15.1	19	3.51	1210	17	2740	0.03	11	2.27	0.5	22.6	0.5	130	3
MMC-18-10	91.29	91.71	0.42	S00354426	22.5	18	3.21	1160	29	6530	0.02	18	6.73	0.5	18.1	1	120	4
MMC-18-10	91.71	92.74	1.03	S00354428	13.1	18	4.24	1140	64	6410	0.02	13	5.02	0.5	20.9	0.5	140	5
MMC-18-10	92.74	93.1	0.36	S00354429	11.6	15	3.95	1070	59	6610	0.02	13	8.77	0.5	19.2	0.5	130	4
MMC-18-10	93.1	94.33	1.23	S00354431	8.1	17	4.95	1210	17	7640	0.02	10	8.19	0.5	19.8	0.5	90	5
MMC-18-10	94.33	95.33	1	S00354432	9.6	18	4.97	1480	11	6730	0.02	14	5.71	0.5	23.9	1	120	8
MMC-18-10	95.33	96.41	1.08	S00354433	12	16	4.57	1140	7	3940	0.02	19	3.5	0.5	22.6	1	160	7
MMC-18-10	96.41	97.42	1.01	S00354434	15.5	15	4.08	1020	6	4580	0.02	18	3.69	0.5	22.7	1	160	11
MMC-18-10	97.42	97.94	0.52	S00354435	15.4	16	4.81	1100	7	4530	0.03	15	3.04	0.5	24.4	1	170	8
MMC-18-10	97.94	99.2	1.26	S00354436	15.1	17	5.08	1160	13	6700	0.03	17	4.51	0.5	24.2	1	140	9
MMC-18-10	99.2	100.27	1.07	S00354437	13.4	19	5.6	1120	7	4160	0.03	15	2.03	0.5	25.3	1	150	6
MMC-18-10	100.27	101.3	1.03	S00354438	13.5	19	5.18	1040	9	6470	0.03	16	3.59	0.5	23.9	2	140	8
MMC-18-10	101.3	102.32	1.02	S00354439	14.3	17	5	1090	8	6190	0.03	19	3.33	0.5	23.4	2	150	8
MMC-18-10	102.32	103.33	1.01	S00354441	13.8	17	5.37	1170	9	6260	0.03	17	3.72	0.5	23.9	2	130	8
MMC-18-10	103.33	104.46	1.13	S00354442	12.8	19	5.87	1150	9	6010	0.03	15	3.31	0.5	23.7	2	100	7
MMC-18-10	104.46	105.54	1.08	S00354443	13	20	5.79	1150	10	6650	0.03	14	3.49	0.5	24.2	2	90	8
MMC-18-10	105.54	106.6	1.06	S00354444	13	18	5.56	1090	10	5790	0.04	14	3.14	0.5	22.1	2	80	7
MMC-18-10	106.6	107.77	1.17	S00354445	12.8	18	5.53	1150	8	4810	0.03	13	2.64	0.5	25.4	2	120	5
MMC-18-10	107.77	108.79	1.02	S00354446	14.1	18	5.77	1260	9	4330	0.04	13	2.35	0.5	26	2	110	5
MMC-18-10	108.79	109.79	1	S00354447	14.4	19	5.88	1360	7	3370	0.04	12	1.74	0.5	27.4	2	110	4
MMC-18-10	109.79	110.91	1.12	S00354448	12.6	17	5.35	1310	9	4120	0.04	9	2.25	0.5	25.2	2	110	4
MMC-18-10	110.91	112.05	1.14	S00354449	12.1	16	5.46	1420	9	4200	0.04	9	2.1	0.5	27.2	2	130	4
MMC-18-10	112.05	113.21	1.16	S00354451	13	17	5.65	1380	7	2680	0.04	10	1.13	0.5	26.4	1	130	3
MMC-18-10	113.21	113.79	0.58	S00354452	12.4	16	4.52	1250	8	3420	0.04	11	1.55	0.5	24.5	2	150	3
MMC-18-10	113.79	114.26	0.47	S00354453	13.8	15	4.28	1310	9	3970	0.04	11	2.01	0.5	25.7	2	200	5
MMC-18-10	114.26	115.29	1.03	S00354454	12.2	13	4.02	1220	9	3910	0.03	13	2.46	0.5	24.7	2	200	5
MMC-18-10	115.29	116.27	0.98	S00354455	18.2	17	4.6	1220	9	5470	0.03	15	2.75	0.5	26.4	2	220	7
MMC-18-10	116.27	117.27	1	S00354456	16.7	14	4.24	1170	4	4970	0.03	15	2.4	0.5	26.9	2	230	5
MMC-18-10	117.27	118.28	1.01	S00354457	14.2	13	3.87	1180	5	4760	0.03	16	2.9	0.5	25.9	2	220	6
MMC-18-10	118.28	119.55	1.27	S00354458	17.4	15	3.77	1250	4	5090	0.04	14	2.78	0.5	26.4	2	200	5
MMC-18-10	119.55	120.61	1.06	S00354459	14.8	14	3.63	1360	6	5140	0.04	13	2.69	0.5	26.1	2	180	6
MMC-18-10	120.61	121.68	1.07	S00354461	12.9	14	3.9	1340	5	5120	0.04	12	3.03	0.5	25.6	2	180	6
MMC-18-10	121.68	122.72	1.04	S00354462	12.9	14	3.71	1260	7	5560	0.04	13	2.89	0.5	25.1	2	180	6
MMC-18-10	122.72	123.3	0.58	S00354463	14.2	15	3.98	1340	5	3440	0.04	15	1.94	0.5	26.6	2	180	4
MMC-18-10	123.3	124.31	1.01	S00354464	15.5	16	4.38	1340	6	3040	0.05	14	1.46	0.5	27.8	2	170	3
MMC-18-10	124.31	125.32	1.01	S00354465	14.1	14	4.07	1330	6	4780	0.04	14	2.67	0.5	25.9	2	170	5
MMC-18-10	125.32	126.41	1.09	S00354466	12.9	14	4.06	1300	3	5160	0.04	12	2.52	0.5	24.8	2	160	6
MMC-18-10	126.41	127.4	0.99	S00354467	13	14	3.95	1340	3	4660	0.04	11	2.34	2	25.6	2	160	5
MMC-18-10	127.4	128.43	1.03	S00354468	12.6	12	4.07	1410	3	4970	0.04	10	2.33	0.5	23.8	2	140	5
MMC-18-10	128.43	129.45	1.02	S00354469	13.4	13	3.78	1380	4	5470	0.04	12	2.57	1	25	2	180	6
MMC-18-10	129.45	130.47	1.02	S00354471	13.6	12	3.38	1350	7	6000	0.04	11	3.02	3	23.9	2	160	6
MMC-18-10	130.47	131.5	1.03	S00354472	10.1	15	3.98	1350	4	5500	0.03	13	2.93	0.5	24.8	2	170	6
MMC-18-10	131.5	132.55	1.05	S00354473	10.5	14	4.21	1510	3	4590	0.03	12	2.34	0.5	26.2	2	160	5
MMC-18-10	132.55	133.54	0.99	S00354474	11.2	14	3.87	1520	2	4170	0.04	11	2.35	0.5	24.1	2	160	5



Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-10	133.54	134.79	1.25	S00354475	11.3	12	3.65	1450	1	1460	0.03	10	0.5	0.5	23.1	0.5	140	2
MMC-18-10	134.79	135.76	0.97	S00354476	9.2	16	4.35	1410	1	156	0.005	10	0.5	0.5	24.6	0.5	180	0.5
MMC-18-10	135.76	136.22	0.46	S00354477	15.2	24	5.06	1450	1	243	0.02	10	0.5	0.5	20.8	0.5	190	0.5
MMC-18-10	136.22	137.35	1.13	S00354478	18.7	18	4.94	1110	1	234	0.005	11	0.5	0.5	24.8	0.5	210	0.5
MMC-18-10	137.35	138.38	1.03	S00354479	17.5	20	4.85	1060	1	591	0.005	11	0.5	0.5	23.9	0.5	180	0.5
MMC-18-10	138.38	139.63	1.25	S00354481	20	23	4.3	1080	5	497	0.02	12	0.5	0.5	23	0.5	190	0.5
MMC-18-10	139.63	140.29	0.66	S00354482	21	29	5.49	1150	18	1280	0.01	15	0.5	2	22.2	0.5	100	1
MMC-18-10	140.29	141.33	1.04	S00354483	19.1	22	4.33	980	2	911	0.02	13	0.5	0.5	24.2	0.5	210	0.5
MMC-18-10	141.33	142.4	1.07	S00354484	19.2	21	3.72	990	4	2130	0.04	12	1.05	0.5	23.5	0.5	210	2
MMC-18-10	142.4	143.41	1.01	S00354485	17.4	12	3.96	1080	1	1010	0.02	11	0.5	0.5	25.3	0.5	230	1
MMC-18-10	143.41	144.39	0.98	S00354486	15.9	14	3.81	1190	3	3230	0.02	11	1.82	0.5	22.9	0.5	210	3
MMC-18-10	144.39	145.4	1.01	S00354487	11.5	14	3.8	1340	1	3400	0.01	14	1.84	0.5	23.7	0.5	210	4
MMC-18-10	145.4	146.09	0.69	S00354488	10.1	14	3.86	1490	1	1190	0.02	13	0.5	0.5	24.4	0.5	210	0.5
MMC-18-10	146.09	147.12	1.03	S00354489	12.7	13	3.87	1530	1	165	0.02	8	0.5	0.5	24.5	0.5	200	0.5
MMC-18-10	147.12	148.06	0.94	S00354491	13.5	14	3.83	1420	1	102	0.04	7	0.5	0.5	24.1	0.5	190	0.5
MMC-18-10	148.06	148.99	0.93	S00354492	13	13	4.29	1520	1	141	0.03	7	0.5	0.5	23.9	0.5	190	0.5
MMC-18-10	148.99	149.77	0.78	S00354493	11.3	14	4.46	1480	1	496	0.03	7	0.5	0.5	22.9	0.5	170	0.5
MMC-18-10	149.77	150.88	1.11	S00354494	14.4	13	3.98	1460	1	108	0.03	8	0.5	0.5	24.9	0.5	210	0.5
MMC-18-10	150.88	151.92	1.04	S00354495	13.1	13	4.08	1420	1	104	0.03	7	0.5	0.5	24.6	0.5	200	0.5
MMC-18-10	151.92	153.14	1.22	S00354496	12.2	12	3.78	1340	1	148	0.04	8	0.5	0.5	23.9	0.5	200	0.5
MMC-18-10	153.14	154.1	0.96	S00354497	11	13	4.37	1370	1	1600	0.005	10	0.5	0.5	25.8	0.5	190	1
MMC-18-10	154.1	154.41	0.31	S00354498	11.8	14	3.91	1370	1	374	0.005	12	0.5	0.5	27.2	0.5	180	0.5
MMC-18-10	154.41	155.51	1.1	S00354499	13.4	11	3.73	1370	1	247	0.005	8	0.5	0.5	26.6	0.5	200	0.5
MMC-18-10	155.51	156.63	1.12	S00354501	12	13	4.3	1360	1	230	0.005	8	0.5	0.5	28	0.5	200	0.5
MMC-18-10	156.63	157.66	1.03	S00354502	11.8	12	4.27	1380	1	119	0.005	7	0.5	0.5	27.1	0.5	200	0.5
MMC-18-10	157.66	158.6	0.94	S00354503	11	18	4.52	1410	1	123	0.005	11	0.5	0.5	26.3	0.5	200	0.5
MMC-18-10	158.6	159.56	0.96	S00354504	10.8	18	4.35	1430	1	113	0.005	7	0.5	0.5	26	0.5	170	0.5
MMC-18-10	159.56	160.63	1.07	S00354505	12.6	14	4.3	1310	1	106	0.005	9	0.5	0.5	27	0.5	200	0.5
MMC-18-10	160.63	161.75	1.12	S00354506	12.3	12	4.8	1480	1	141	0.005	12	0.5	0.5	26.2	0.5	220	0.5
MMC-18-10	161.75	162.53	0.78	S00354507	11.5	10	4.75	1400	1	124	0.005	9	0.5	0.5	28.3	0.5	220	0.5
MMC-18-10	162.53	163.06	0.53	S00354508	10.3	13	4.95	1420	1	134	0.005	10	0.5	0.5	28.7	0.5	240	0.5
MMC-18-10	163.06	163.98	0.92	S00354509	11.1	11	4.58	1360	1	131	0.005	10	0.5	0.5	28	0.5	230	0.5
MMC-18-10	163.98	164.92	0.94	S00354511	10.9	10	4.43	1390	1	116	0.005	8	0.5	0.5	27.2	0.5	200	0.5
MMC-18-10	164.92	166.03	1.11	S00354512	10.6	15	4.62	1310	1	115	0.005	7	0.5	0.5	26.4	0.5	200	0.5
MMC-18-10	166.03	167	0.97	S00354513	10.9	10	4.87	1300	1	109	0.005	8	0.5	0.5	27.5	0.5	200	0.5
MMC-18-10	167	168.13	1.13	S00354514	10.7	12	4.95	1420	1	108	0.005	9	0.5	0.5	26.9	0.5	200	0.5
MMC-18-10	168.13	169.16	1.03	S00354515	10.4	11	5.14	1450	1	126	0.005	7	0.5	0.5	28.7	0.5	200	0.5
MMC-18-10	169.16	170.24	1.08	S00354516	10.6	10	4.77	1390	1	112	0.005	9	0.5	0.5	27.6	0.5	200	0.5
MMC-18-10	170.24	171.29	1.05	S00354517	9.7	11	4.94	1370	1	128	0.005	7	0.5	0.5	28.7	0.5	200	0.5
MMC-18-10	171.29	172.35	1.06	S00354518	9.7	12	4.84	1360	1	123	0.005	7	0.5	0.5	27.6	0.5	190	0.5
MMC-18-10	172.35	173.43	1.08	S00354519	9.4	9	4.79	1300	1	119	0.005	7	0.5	0.5	25.8	0.5	170	0.5
MMC-18-10	173.43	174.43	1	S00354521	9.2	10	5.14	1340	1	131	0.005	8	0.5	0.5	25.9	0.5	190	0.5
MMC-18-10	174.43	175.49	1.06	S00354522	9	9	5.09	1400	1	131	0.005	8	0.5	0.5	26.8	0.5	190	0.5
MMC-18-10	175.49	176	0.51	S00354523	9.3	9	5.06	1250	1	138	0.005	9	0.5	0.5	29.1	0.5	210	0.5

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-10	15.21	16.8	1.59	S00354373	0.17	38	2.5	13.3	1.3	10		0.00039	0.001	0.0008	0.006
MMC-18-10	38	38.86	0.86	S00354374	0.48	275	2.5	11.9	1.3	75		0.00495	0.0123	0.0202	0.014
MMC-18-10	43.93	45.04	1.11	S00354375	0.41	234	2.5	12.5	1.3	44		0.00479	0.0107	0.018	0.0165
MMC-18-10	45.04	45.99	0.95	S00354376	0.39	282	2.5	13.1	1.3	52		0.00876	0.0142	0.0293	0.026
MMC-18-10	45.99	47.49	1.5	S00354377	0.08	30	2.5	5.5	0.6	20		0.00104	0.0046	0.0032	0.006
MMC-18-10	47.49	48.89	1.4	S00354378	0.28	140	2.5	10.3	1.1	31		0.00255	0.0045	0.0088	0.0085
MMC-18-10	48.89	49.71	0.82	S00354379	0.44	206	2.5	15.4	1.6	57		0.00369	0.0066	0.0122	0.0105
MMC-18-10	52.91	53.8	0.89	S00354381	0.38	214	2.5	15.1	1.5	50		0.00444	0.0032	0.0122	0.0105
MMC-18-10	53.8	54.8	1	S00354382	0.07	17	2.5	6	0.5	8		0.00044	0.0009	0.0011	0.006
MMC-18-10	54.8	55.88	1.08	S00354383	0.72	204	2.5	20.6	2.2	58		0.00341	0.0076	0.0067	0.0075
MMC-18-10	55.88	56.91	1.03	S00354384	0.75	211	2.5	21.9	2.3	58		0.00341	0.0029	0.007	0.0075
MMC-18-10	56.91	58.14	1.23	S00354385	0.8	230	2.5	20.3	2.1	62		0.00347	0.0044	0.0066	0.063
MMC-18-10	58.14	59.13	0.99	S00354386	0.62	272	2.5	17.2	1.8	61		0.00385	0.0033	0.0105	0.0095
MMC-18-10	59.13	60.14	1.01	S00354387	0.48	305	2.5	11.9	1.2	62		0.00477	0.0013	0.0147	0.0105
MMC-18-10	60.14	61.16	1.02	S00354388	0.11	26	2.5	8.1	0.8	11		0.00075	0.0026	0.0013	0.006
MMC-18-10	61.16	61.49	0.33	S00354389	0.08	30	2.5	5.1	0.4	35		0.00077	0.0044	0.0025	0.006
MMC-18-10	61.49	62.33	0.84	S00354391	0.44	279	2.5	14.2	1.5	55		0.00461	0.0017	0.0152	0.0115
MMC-18-10	62.33	63.39	1.06	S00354392	0.44	343	2.5	13.9	1.3	64		0.00572	0.0058	0.0193	0.024
MMC-18-10	63.39	64.44	1.05	S00354393	0.41	286	8	10	1.1	58		0.00424	0.0069	0.0137	0.0105
MMC-18-10	64.44	65.59	1.15	S00354394	0.48	271	5	12	1.2	60		0.00383	0.0026	0.0093	0.0095
MMC-18-10	65.59	66.5	0.91	S00354395	0.1	52	2.5	5.1	0.5	20		0.00105	0.0035	0.0046	0.0075
MMC-18-10	66.5	67.51	1.01	S00354396	0.21	263	2.5	8.4	0.8	46		0.0036	0.0092	0.0153	0.0125
MMC-18-10	67.51	68.31	0.8	S00354397	0.34	330	2.5	9.2	1	64		0.00473	0.0112	0.0143	0.0115
MMC-18-10	68.31	68.79	0.48	S00354398	0.22	215	5	10.4	1	58		0.00762	0.059	0.0187	0.012
MMC-18-10	68.79	69.1	0.31	S00354399	0.42	291	2.5	6.6	0.7	69		0.00366	0.007	0.0092	0.0105
MMC-18-10	69.1	69.47	0.37	S00354401	0.04	35	2.5	3.2	0.3	20		0.00087	0.0065	0.0069	0.006
MMC-18-10	69.47	70.56	1.09	S00354402	0.46	386	2.5	10.7	1.2	75		0.00605	0.0168	0.0184	0.0135
MMC-18-10	70.56	71.75	1.19	S00354403	0.6	408	2.5	12.2	1.3	91		0.00555	0.0161	0.0191	0.0135
MMC-18-10	71.75	72.8	1.05	S00354404	0.41	382	2.5	11	1.2	128		0.00743	0.023	0.0231	0.034
MMC-18-10	72.8	74.04	1.24	S00354405	0.7	313	2.5	12.8	1.3	194		0.00556	0.0294	0.0184	0.0205
MMC-18-10	74.04	75.09	1.05	S00354406	0.81	312	2.5	13.7	1.4	86		0.00446	0.0061	0.0083	0.0095
MMC-18-10	75.09	76.28	1.19	S00354407	0.8	317	2.5	13.7	1.4	86		0.00442	0.004	0.0083	0.0085
MMC-18-10	76.28	77.06	0.78	S00354408	0.79	325	2.5	17.7	1.9	88		0.00396	0.0038	0.008	0.0085
MMC-18-10	77.06	78.04	0.98	S00354409	0.98	256	2.5	19.6	2	92		0.00483	0.0159	0.0052	0.011
MMC-18-10	78.04	78.52	0.48	S00354411	1.32	329	2.5	21.3	2.4	122		0.00637	0.0142	0.0064	0.0085
MMC-18-10	78.52	79.45	0.93	S00354412	0.95	292	2.5	19.4	1.9	101		0.00538	0.013	0.0064	0.01
MMC-18-10	79.45	80.61	1.16	S00354413	0.39	334	2.5	19.9	2	99		0.00576	0.0201	0.0101	0.011
MMC-18-10	80.61	81.74	1.13	S00354414	0.53	374	2.5	21.4	2.1	81		0.00785	0.0343	0.074	0.105
MMC-18-10	81.74	82.85	1.11	S00354415	0.59	310	2.5	23.2	2.4	74		0.0145	0.0502	0.167	0.211
MMC-18-10	82.85	84.01	1.16	S00354417	0.59	305	8	23.6	2.4	79		0.0123	0.039	0.0943	0.116
MMC-18-10	84.01	85.06	1.05	S00354418	0.56	327	2.5	21.9	2.2	77		0.0104	0.0464	0.0906	0.118
MMC-18-10	85.06	86.06	1	S00354419	0.68	339	2.5	24.6	2.4	77		0.00812	0.0177	0.061	0.061
MMC-18-10	86.06	87.16	1.1	S00354421	0.6	348	2.5	20.6	1.9	92		0.00629	0.0297	0.0431	0.055
MMC-18-10	87.16	87.78	0.62	S00354422	0.58	352	2.5	14.5	1.6	91		0.00896	0.0404	0.0804	0.075
MMC-18-10	87.78	88.96	1.18	S00354423	0.54	367	2.5	14.9	1.6	104		0.0177	0.238	0.208	0.195

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-10	88.96	89.96	1	S00354424	0.4	297	2.5	13.3	1.5	89		0.0235	0.104	0.291	0.352
MMC-18-10	89.96	91.29	1.33	S00354425	0.41	293	2.5	13.4	1.4	104		0.0212	0.162	0.274	0.45
MMC-18-10	91.29	91.71	0.42	S00354426	0.28	236	2.5	10.3	1.1	313		0.0584	0.388	0.653	0.976
MMC-18-10	91.71	92.74	1.03	S00354428	0.27	285	2.5	9.1	1	93		0.0544	0.142	0.641	0.964
MMC-18-10	92.74	93.1	0.36	S00354429	0.24	248	2.5	7.8	0.9	204		0.0541	1.89	0.661	0.437
MMC-18-10	93.1	94.33	1.23	S00354431	0.25	261	2.5	8	0.9	107		0.0544	0.416	0.764	0.768
MMC-18-10	94.33	95.33	1	S00354432	0.31	337	2.5	9.3	1.1	126		0.0461	0.922	0.673	1.453
MMC-18-10	95.33	96.41	1.08	S00354433	0.3	259	2.5	9.1	1.2	126		0.0258	0.764	0.394	1.467
MMC-18-10	96.41	97.42	1.01	S00354434	0.35	277	2.5	11.5	1.4	118		0.0298	0.803	0.458	2.158
MMC-18-10	97.42	97.94	0.52	S00354435	0.35	329	2.5	12.6	1.4	120		0.0304	0.718	0.453	1.384
MMC-18-10	97.94	99.2	1.26	S00354436	0.38	334	2.5	11.5	1.4	129		0.0373	0.932	0.67	1.731
MMC-18-10	99.2	100.27	1.07	S00354437	0.34	341	2.5	11.4	1.2	114		0.0239	0.476	0.416	1.067
MMC-18-10	100.27	101.3	1.03	S00354438	0.35	328	2.5	11.6	1.3	116		0.0318	0.677	0.647	1.671
MMC-18-10	101.3	102.32	1.02	S00354439	0.37	319	2.5	11.6	1.4	114		0.0343	0.633	0.619	1.889
MMC-18-10	102.32	103.33	1.01	S00354441	0.36	344	2.5	11.2	1.3	131		0.0331	0.672	0.626	1.684
MMC-18-10	103.33	104.46	1.13	S00354442	0.36	370	2.5	11.5	1.3	131		0.0328	0.727	0.601	1.597
MMC-18-10	104.46	105.54	1.08	S00354443	0.38	369	2.5	12	1.3	131		0.0365	0.751	0.665	1.657
MMC-18-10	105.54	106.6	1.06	S00354444	0.41	364	2.5	13.2	1.5	128		0.0339	0.727	0.579	1.473
MMC-18-10	106.6	107.77	1.17	S00354445	0.45	404	2.5	14.4	1.6	131		0.0302	0.554	0.481	1.113
MMC-18-10	107.77	108.79	1.02	S00354446	0.49	414	2.5	15.2	1.7	136		0.0271	0.519	0.433	1.042
MMC-18-10	108.79	109.79	1	S00354447	0.53	403	2.5	16.4	1.8	132		0.0229	0.387	0.337	0.782
MMC-18-10	109.79	110.91	1.12	S00354448	0.46	361	2.5	13.6	1.5	131		0.0255	0.454	0.412	0.942
MMC-18-10	110.91	112.05	1.14	S00354449	0.47	372	2.5	13.6	1.4	129		0.0315	0.388	0.42	0.94
MMC-18-10	112.05	113.21	1.16	S00354451	0.46	356	2.5	13.9	1.6	113		0.0258	0.252	0.268	0.702
MMC-18-10	113.21	113.79	0.58	S00354452	0.47	281	2.5	13.9	1.6	119		0.0194	0.368	0.342	0.732
MMC-18-10	113.79	114.26	0.47	S00354453	0.52	282	2.5	16	1.7	109		0.0244	0.397	0.397	0.953
MMC-18-10	114.26	115.29	1.03	S00354454	0.43	253	2.5	11.7	1.5	108		0.0255	0.447	0.391	1.08
MMC-18-10	115.29	116.27	0.98	S00354455	0.35	237	2.5	14.7	1.6	125		0.0313	0.492	0.547	1.424
MMC-18-10	116.27	117.27	1	S00354456	0.28	231	2.5	14.9	1.5	114		0.0255	0.474	0.497	1.295
MMC-18-10	117.27	118.28	1.01	S00354457	0.34	233	2.5	12.2	1.2	113		0.0242	0.642	0.476	1.336
MMC-18-10	118.28	119.55	1.27	S00354458	0.38	235	2.5	17.5	1.8	114		0.0235	0.545	0.509	1.303
MMC-18-10	119.55	120.61	1.06	S00354459	0.49	242	2.5	16.6	1.8	123		0.0291	0.588	0.514	1.243
MMC-18-10	120.61	121.68	1.07	S00354461	0.44	253	2.5	15.9	1.7	130		0.0296	0.624	0.512	1.243
MMC-18-10	121.68	122.72	1.04	S00354462	0.43	230	2.5	15.2	1.5	126		0.0297	0.652	0.556	1.486
MMC-18-10	122.72	123.3	0.58	S00354463	0.46	227	2.5	16	1.8	122		0.0226	0.436	0.344	0.925
MMC-18-10	123.3	124.31	1.01	S00354464	0.51	237	2.5	18.9	2	119		0.0179	0.407	0.304	0.825
MMC-18-10	124.31	125.32	1.01	S00354465	0.57	243	2.5	15.8	1.9	140		0.025	0.606	0.478	1.249
MMC-18-10	125.32	126.41	1.09	S00354466	0.52	245	2.5	15.4	1.7	131		0.0283	0.585	0.516	1.403
MMC-18-10	126.41	127.4	0.99	S00354467	0.52	258	2.5	15.2	1.8	134		0.028	0.55	0.466	1.292
MMC-18-10	127.4	128.43	1.03	S00354468	0.53	259	2.5	15.3	1.7	135		0.0263	0.586	0.497	1.443
MMC-18-10	128.43	129.45	1.02	S00354469	0.53	248	2.5	16	1.8	133		0.0334	0.591	0.547	1.466
MMC-18-10	129.45	130.47	1.02	S00354471	0.54	221	2.5	15.6	1.8	135		0.034	0.687	0.6	1.629
MMC-18-10	130.47	131.5	1.03	S00354472	0.48	222	2.5	13.2	1.4	136		0.0308	0.649	0.55	1.414
MMC-18-10	131.5	132.55	1.05	S00354473	0.48	227	2.5	13.5	1.5	136		0.0261	0.572	0.459	1.191
MMC-18-10	132.55	133.54	0.99	S00354474	0.47	228	2.5	14	1.5	133		0.0223	0.575	0.417	1.162

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-10	133.54	134.79	1.25	S00354475	0.47	189	2.5	16.1	1.7	94		0.0109	0.178	0.146	0.53
MMC-18-10	134.79	135.76	0.97	S00354476	0.52	221	2.5	11.4	1.2	87		0.00503	0.0166	0.0156	0.072
MMC-18-10	135.76	136.22	0.46	S00354477	0.49	234	2.5	13.4	1.4	93		0.00351	0.0011	0.0243	0.094
MMC-18-10	136.22	137.35	1.13	S00354478	0.31	114	2.5	12.3	1.4	71		0.00419	0.0223	0.0234	0.094
MMC-18-10	137.35	138.38	1.03	S00354479	0.31	127	2.5	12.5	1.3	77		0.00537	0.113	0.0591	0.231
MMC-18-10	138.38	139.63	1.25	S00354481	0.33	249	2.5	13.3	1.5	85		0.00481	0.126	0.0497	0.103
MMC-18-10	139.63	140.29	0.66	S00354482	0.34	546	2.5	13.8	1.7	104		0.0135	0.231	0.128	0.389
MMC-18-10	140.29	141.33	1.04	S00354483	0.34	224	2.5	12.4	1.4	84		0.0075	0.145	0.0911	0.402
MMC-18-10	141.33	142.4	1.07	S00354484	0.34	127	2.5	13.9	1.3	80		0.0124	0.248	0.213	0.815
MMC-18-10	142.4	143.41	1.01	S00354485	0.37	196	2.5	18.2	1.7	80		0.00864	0.213	0.101	0.334
MMC-18-10	143.41	144.39	0.98	S00354486	0.37	183	2.5	14.8	1.5	102		0.0176	0.437	0.323	1.074
MMC-18-10	144.39	145.4	1.01	S00354487	0.4	232	2.5	13.4	1.3	105		0.0154	0.509	0.34	1.113
MMC-18-10	145.4	146.09	0.69	S00354488	0.55	281	2.5	14.3	1.5	105		0.00889	0.202	0.119	0.398
MMC-18-10	146.09	147.12	1.03	S00354489	0.59	247	2.5	17.9	1.9	96		0.00507	0.0172	0.0165	0.025
MMC-18-10	147.12	148.06	0.94	S00354491	0.56	236	2.5	19.3	1.9	94		0.0049	0.0141	0.0102	0.0175
MMC-18-10	148.06	148.99	0.93	S00354492	0.55	240	2.5	18.8	1.9	96		0.00513	0.0265	0.0141	0.067
MMC-18-10	148.99	149.77	0.78	S00354493	0.48	225	2.5	16.3	1.7	99		0.00657	0.0983	0.0496	0.216
MMC-18-10	149.77	150.88	1.11	S00354494	0.59	239	2.5	19.7	2	96		0.00497	0.0196	0.0108	0.0185
MMC-18-10	150.88	151.92	1.04	S00354495	0.55	235	2.5	19.2	1.8	92		0.00504	0.0211	0.0104	0.0165
MMC-18-10	151.92	153.14	1.22	S00354496	0.5	226	2.5	17.5	1.7	87		0.00482	0.0415	0.0148	0.039
MMC-18-10	153.14	154.1	0.96	S00354497	0.5	226	2.5	15.3	1.6	104		0.0104	0.243	0.16	0.522
MMC-18-10	154.1	154.41	0.31	S00354498	0.6	214	2.5	18	1.6	97		0.0063	0.117	0.0374	0.134
MMC-18-10	154.41	155.51	1.1	S00354499	0.58	214	2.5	17.1	1.9	83		0.00462	0.047	0.0247	0.087
MMC-18-10	155.51	156.63	1.12	S00354501	0.54	238	2.5	18.5	1.7	95		0.00509	0.038	0.023	0.095
MMC-18-10	156.63	157.66	1.03	S00354502	0.55	240	2.5	18.3	1.6	94		0.00513	0.021	0.0119	0.0465
MMC-18-10	157.66	158.6	0.94	S00354503	0.58	249	2.5	18.1	1.6	94		0.0051	0.019	0.0123	0.042
MMC-18-10	158.6	159.56	0.96	S00354504	0.58	229	2.5	16.5	1.6	97		0.00528	0.0208	0.0113	0.066
MMC-18-10	159.56	160.63	1.07	S00354505	0.52	217	2.5	16.5	1.6	86		0.00492	0.0184	0.0106	0.028
MMC-18-10	160.63	161.75	1.12	S00354506	0.6	237	2.5	17.1	1.7	106		0.00521	0.0229	0.0141	0.032
MMC-18-10	161.75	162.53	0.78	S00354507	0.56	228	2.5	16.9	1.7	89		0.00484	0.0134	0.0124	0.018
MMC-18-10	162.53	163.06	0.53	S00354508	0.51	251	2.5	17	1.6	91		0.00501	0.019	0.0134	0.0205
MMC-18-10	163.06	163.98	0.92	S00354509	0.51	224	2.5	15.5	1.5	84		0.00481	0.0279	0.0131	0.111
MMC-18-10	163.98	164.92	0.94	S00354511	0.55	241	2.5	17	1.7	90		0.00513	0.0112	0.0116	0.0195
MMC-18-10	164.92	166.03	1.11	S00354512	0.51	255	2.5	17.1	1.5	84		0.00456	0.013	0.0115	0.021
MMC-18-10	166.03	167	0.97	S00354513	0.52	246	2.5	16.1	1.7	82		0.00465	0.0103	0.0109	0.0135
MMC-18-10	167	168.13	1.13	S00354514	0.51	268	2.5	16.9	1.7	85		0.00494	0.018	0.0108	0.0125
MMC-18-10	168.13	169.16	1.03	S00354515	0.53	291	2.5	17.4	1.6	95		0.00527	0.0165	0.0126	0.0565
MMC-18-10	169.16	170.24	1.08	S00354516	0.52	269	2.5	16.2	1.6	88		0.00501	0.0152	0.0112	0.0145
MMC-18-10	170.24	171.29	1.05	S00354517	0.5	268	2.5	16.8	1.6	91		0.00523	0.0155	0.0128	0.015
MMC-18-10	171.29	172.35	1.06	S00354518	0.5	259	2.5	14.6	1.5	84		0.0049	0.0128	0.0123	0.0295
MMC-18-10	172.35	173.43	1.08	S00354519	0.48	240	2.5	16.3	1.4	83		0.00431	0.0111	0.0119	0.0135
MMC-18-10	173.43	174.43	1	S00354521	0.47	269	2.5	15.5	1.4	85		0.00497	0.0122	0.0131	0.0195
MMC-18-10	174.43	175.49	1.06	S00354522	0.48	274	2.5	15.6	1.3	83		0.00478	0.0119	0.0131	0.0155
MMC-18-10	175.49	176	0.51	S00354523	0.5	269	2.5	16.2	1.4	82		0.00476	0.0135	0.0138	0.016

Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-11	DD	NQ	Jacob Bellrose		225	150	225.21

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-11	MMC-18-11_Header_Core Photos_MMC-18-11_Bx_45-48_190.82-208.24_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_25-28_103.80-121.52_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_49-52_208.24-225.21_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_33-36_139.18-156.30_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_9-12_35.00-52.24_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx29-32_121.52-139.10_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_13-16_52.24-69.32_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_37-40_156.30-173.69_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_25-28_103.80-121.52_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_41-44_173.69-190.82_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_21-24_86.60-103.80_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_49-52_208.24-225.21_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx25-28_103.80-121.52_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_1-4_1.55-17.65_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_41-44_173.69-190.82_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_21-24_86.60-103.80_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_37-40_156.30-173.69_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_1-4_1.55-17.65_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_17-20_69.32-86.60_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx29-32_121.52-139.10_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_5-8_17.65-35.00_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_21-24_86.60-103.80_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_9-12_35.00-52.24_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_17-20_69.32-86.60_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Quartz_Vein_with_Chlorite_and_Felsic_material.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx25-28_103.80-121.52_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_13-16_52.24-69.32_m_Dry.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_33-36_139.18-156.30_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_5-8_17.65-35.00_m_Wet.JPG   MMC-18-11_Header_Core Photos_MMC-18-11_Bx_45-48_190.82-208.24_m_Wet.JPG	Planned	NAD83 / UTM zone 17N

Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-11	NAD83 / UTM zone 17N	5133649	5133649	436494	436494	323

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed	Comments	Drilling started	Drilling completed
MMC-18-11	Infill	Mt	Coreshed	PAT-42276	2018-11-30	2018-12-03	Structure cause discrepancy in meterage: begins at ~11m block to ~35m block, measured back from 35m and ahead from "seam" block at 15.50m (also used seam to partially reset meter marks by ~30cm onward. 47-50m is a ~40cm short run that carried to EOH.	2018-11-26	2018-11-29



Hole number	Drilling contractor
MMC-18-11	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-11	0	1.55	Overburden	OB	first block at 2m, 3m block disregarded (2m to 5m block = 3m)
MMC-18-11	1.55	7.3	Upper Unit	4D	Grey, fine grained, weak to moderately foliated (defined by mineral alignment) quartz-biotite diorite. ~75% fine grained anhedral <1mm mafics with few ~1mm subhedral amphibole, 5-15% medium grained biotite flecks, and up to 10% <=1mm white equant feldspar grains with few elongate laths. Trace quartz. Trace vfg disseminated po. Sharp lower contact with 10cm of silicification +- albitization.
MMC-18-11	7.3	7.8	Unknown	UNK	Granitoid felsic intrusive. Pink/orange to white with ~65% fine grained pink orange k-spar, and 35% medium grained quartz. K-spar +- chlorite infill of fractures throughout. Graphitic texture near upper contact. Sharp lower contact.
MMC-18-11	7.8	12.67	Upper Unit	4D	As above. Upper contact ~15cm of silicification +- albitization. 4cm felsic intrusive at 10m. Very blocky core begins at ~11m with gradually increasing foliation strength. Sharp inferred lower contact at core break.
MMC-18-11	12.67	15.68	Metasediments	1A	Grey to pale grey, fine grained, weakly bedded overprinted by strong foliation quartzite. Near pervasive silicification (through metasediments) and weak interstitial chlorite. Silty 1-10cm black bedding. Multiple moderately to strongly foliated and moderately chloritized <30cm biotite-quartz diorite waning throughout composes ~25% of interval. Very blocky core. ~0.50% blue rounded 2mm quartz eyes exclusive to metasediments. Sharp lower contact.
MMC-18-11	15.68	16	Structure	FLT	Seam block. Attributed to short core run.
MMC-18-11	16	18.02	Upper Unit	4D	As above. ~32cm (15.68-16m) core assumed lost as seam as marked by driller block. Upper contact with 1cm of wispy chloritization. Increasing foliation strength now defined more by mineral elongation (+ alignment). Partial mineral segregation texture begins at ~16.90m with ~0.5-1cm feldspar cumulates. Sharp lower contact.
MMC-18-11	18.02	21.7	Metasediments	1C	Similar to above quartzite but increasing feldspar content producing grey to white colour. Pervasive silicification. Weak bedding mostly overprinted by strong foliation defined by mineral alignment and interstitial chlorite alteration. Trace blue 2mm rounded quartz eyes often proximal to diorite blocks. Two diorite blocks 25cm and 8 cm, strongly foliated with sharp/irregular partially corroded boundaries sub parallel to fabric. Sharp inferred lower contact at core break.
MMC-18-11	21.7	23.68	Upper Unit	4D	As above. Increasingly foliated defined by mineral elongation + alignment. Stronger mineral segregation with ~1cm wide feldspar cumulate layering locally. Increased chloritization of groundmass locally 2mm infilling approaching lower contact. ~25% irregular 8-35cm often boundary corroded metasediments. Sharp lower contact marked at quartz veining and very strong foliation + chlorite onset.
MMC-18-11	23.68	35	Structure	SHR	Very strongly foliated to near mylonitic textured shear zone hosted in metasediments+diorite, green to beige purple. Strong irregular quartz-carbonate veining (local pegmatitic euhedral quartz grains ~28m) and very strong patchy silicification + patchy to interstitial chloritization often strongest within veining. Local K-spar alteration (possible felsic intrusive pre-deformation?) and local fracture controlled sericite. Recrystallized biotite likely causes local brownish purple colour. Difficult to discern host rock as metasediments or diorite, all very deformed and altered. Trace disseminated vfg po and local fracture controlled ccp local to quartz veining. Lower contact at core break/rubble.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-11	35	41.75	Upper Unit	4D	Dark grey, medium grained, very weakly to non-foliated quartz-biotite diorite. 55% mafics with few ~1mm prismatic amphibole, 30% grey, up to 3mm anhedral to blocky with few elongate laths, 10% biotite flecks ~2mm, and ~5% anhedral up to 2mm quartz with trace blue quartz eyes. ~Tr fg diss po>>>ccp. Sharp lower contact with local 5mm chloritization.
MMC-18-11	41.75	42.96	Metasediments	1A	Fine grained grey quartzite. Bedding defined by thin arkosic beds alternating on 5-50cm scale. Interstitial chlorite+silicification (possible strongly altered diorite block?). Sharp lower contact.
MMC-18-11	42.96	50.12	Upper Unit	4D	As above. 2 ~2-3cm barren quartz veins sub-parallel. Sharp with ~3cm chilled lower contact. Increasing mineralization, 0.5% diss po>>ccp. Trace blue quartz eyes.
MMC-18-11	50.12	51.58	Metasediments	1A	As above. Contains 8cm diorite with sharp irregular contacts and increased chloritization. Sharp lower contact.
MMC-18-11	51.58	55.14	Upper Unit	4D	As above. Increasing to weak /moderate foliation defined by mineral alignment. 16cm quartzite block at ~54.50m. Inferred lower contact at core break.
MMC-18-11	55.14	59.2	Metasediments	1A	As above. Contains ~20% 13-30cm diorite blocks, sharp contacts parallel to fabric. Sharp lower contact.
MMC-18-11	59.2	65.5	Upper Unit	4D	As above. Weak/moderate foliation defined by mineral alignment. Alteration at ~61-65.50m as patchy to pervasive silicification - possible quartzite blocks/rounded fragments? Boundaries of alteration often sharp, irregular/round, pervasive over ~50cm to ~2x10cm patches. Possible multiple injections of diorite with un-altered cutting previously altered sections. Few chlorite infilled fractures.
MMC-18-11	65.5	84.75	Upper Unit	4D	As above. Fairly un-altered. Very weak to non-existent foliation. Medium grades into coarse grained by ~70m before grading back to medium/fine. Decreasing quartz content from ~10% to trace. Local quartz-carbonate vein at ~81.50-82m with local chlorite alteration. Trace mineralization. Gradational lower contact marked by more gabbroic unit: lesser biotite, and lesser feldspar+quartz.
MMC-18-11	84.75	88.45	Upper Unit	4C	Similar to above diorite. Dark grey, more gabbroic/melanocratic. Fine grained to medium grained, ~75% mafic content with few black <=1mm acicular amphibole grains, 25% white anhedral to blocky plagioclase up to 1mm. Trace biotite+quartz. Gradational lower contact as per upper - increased grain size, increase feldspar, increased biotite and quartz.
MMC-18-11	88.45	102.8	Upper Unit	4D	Dark grey green medium-coarse grained qtz-bio diorite. Very weak foliation defined best by amphibole +- biotite alignment. Very weak interstitial chlorite patchy throughout. Mafic content ~50-60% with up to 1-2mm acicular amphibole grains, plagioclase ~up to 50% locally before gradually decreasing to 10%, waning biotite content from ~1-15% and ~5% anhedral to subhedral hexagonal quartz. Few sections of finer grained more gabbroic content (<plag+bio+quartz) observed throughout, difficult to distinguish (see ~92.50m). 0.5% up to 5% mineralization begins by 101m. Sharp lower contact at mtsd block displays 3cm of chloritization + chill.
MMC-18-11	102.8	136.75	Upper Unit	4B	Dark grey to black, very fine grained melagabbro. Upper contact marked by metased block with ~3cm chill+chlorite margins. 90+ % mafic content with rare <1mm acicular amphibole, ~5% plagioclase down to trace by 107m, often white, anhedral to rarely blocky up to 1mm. 5-10% disseminated to blebby and local net mineralization. Moderately foliated best defined by mineralization. Local parallel quartz-siderite veining with interstitial sulfides. Gradational lower contact marked by increased grain size, increased feldspar content.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-11	136.75	154.08	Upper Unit	4B	Dark grey to black, medium to coarse grained melagabbro. Weak to non-foliated. ~80+% mafic content with coarse subhedral prx+-amph, and up to 5% plagioclase, often white, anhedral to locally blocky ~1-2mm. Transitional upper contact marked by coarsening and plagioclase increase. Sharp lower contact at core break.
MMC-18-11	154.08	154.3	Structure	SHR	Weak shear zone. Boudinaged quartz, boudins ~3x15mm. Weak gouge and strong foliation, local chlorite.
MMC-18-11	154.3	166.7	Upper Unit	4B	As above. Medium grained. Upper contact marked by 30cm of feldspar cumulate + acicular 0.5cm long amphibole grains and interstitial chloritization. Weakly foliated defined by mineral alignment. Local medium-coarse grained section with up to 10% discontinuous plagioclase, ~158.90-161m (Nipissing block?). Multiple quartz-siderite veins observed. Up to 5% mineralization. Gradational lower contact marked by onset of plagioclase >25% and coarsening grains.
MMC-18-11	166.7	202.36	Lower Unit	3A	Grey to green, medium grained Nipissing gabbro. Very weak to non-foliated, poorly defined by amphibole +- plag alignment. Local quartz-carbonate veining ~169.50-170.75m. Mineralization degrades from ~5% to trace onward by 170m. Local very coarse grained (near pegmatitic) segment 167-167.26, 178.59-178.86, 183.41-183.80, 184.11-184.31; with ~60% up to 5mm equant blocky plagioclase, 40% amphibole up to 5mm long prismatic grains often chloritized; resurgence in mineralization ~179 m with sporadic coarse blebs of Po and Cpy, Cpy often more abundant in leucocratic pegmatitic portions of Nipissing, also trace amounts of unknown black mineral; mineralization degrades again from 189-194 m, then there is resurgence of sulphide some disseminated but mainly along veins from 194-206 m.
MMC-18-11	202.36	203.82	Upper Unit	4B	melagabbro; dark green-gray; fine-grained; massive texture; transitional upper contact and sharp abrupt lower contact with Nipissing; ~10% plagioclase, white, anhedral, irregular to equant, < 1mm grains; ~5% biotite, black, anhedral to subhedral, platy; ~85% mafics, dominantly aphanitic chloritized groundmass, ~10% of total rock are medium-grained dark green elongated prismatic mafics, probably amphibole after pyroxene.
MMC-18-11	203.82	225.2	Lower Unit	3A	nipissing gabbro; gray; medium-grained; massive texture; no mineralization; ~40% plagioclase, gray, subhedral to anhedral, irregular to elongated laths, laths are ~3 mm in length; ~60% mafics, greenish-gray, subhedral, equant to elongated and prismatic, probably amphibole after pyroxene.
MMC-18-11	225.2	225.21	End of hole	End of hole	

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB	Pt_PPB
MMC-18-11	22.49	23.65	1.16	S00354599	Original	shoulder	2.374	4	5
MMC-18-11	23.65	24.45	0.8	S00354601	Original	chl associated with po	1.438	0.5	5
MMC-18-11	24.45	25.64	1.19	S00354602	Original	shearzone in metasediments with some diorite	1.995	0.5	5
MMC-18-11	25.64	27.26	1.62	S00354603	Original	shearzone with chlorite	2.154	0.5	5
MMC-18-11	27.26	28.67	1.41	S00354604	Original	shearzone with chl	2.23	0.5	5
MMC-18-11	28.67	29.7	1.03	S00354605	Original	shearzone	2.063	0.5	5
MMC-18-11	29.7	30.7	1	S00354606	Original		1.962	0.5	5
MMC-18-11	30.7	31.81	1.11	S00354607	Original		1.994	0.5	5
MMC-18-11	31.81	32.81	1	S00354608	Original	sheared metasediments	2.071	0.5	5
MMC-18-11	32.81	33.85	1.04	S00354609	Original	sheared diorite with metaseds	2.28	0.5	5
MMC-18-11	33.85	34.91	1.06	S00354611	Original	chl in sheared qtz vn with blebs of cp	2.169	0.5	5
MMC-18-11	34.91	36.22	1.31	S00354612	Original		2.614	0.5	5
MMC-18-11	43.03	44.09	1.06	S00354613	Original	trace diss po	2.664	0.5	5
MMC-18-11	44.09	45.16	1.07	S00354614	Original	trace diss po	2.701	0.5	5
MMC-18-11	45.16	46.12	0.96	S00354615	Original	0.5%diss po>cp	2.553	0.5	5
MMC-18-11	46.12	47.12	1	S00354616	Original	0.5% cp>po diss	2.253	0.5	10
MMC-18-11	47.12	48.16	1.04	S00354617	Original	0.5% diss po	2.377	0.5	5
MMC-18-11	48.16	49.32	1.16	S00354618	Original		2.931	0.5	5
MMC-18-11	65.45	66.54	1.09	S00354619	Original		2.394	0.5	5
MMC-18-11	66.54	67.58	1.04	S00354621	Original		2.277	0.5	5
MMC-18-11	67.58	68.71	1.13	S00354622	Original		2.537	0.5	5
MMC-18-11	68.71	69.73	1.02	S00354623	Original		2.17	0.5	5
MMC-18-11	69.73	70.73	1	S00354624	Original		2.168	0.5	5
MMC-18-11	70.73	71.99	1.26	S00354625	Original	trace diss po	2.839	0.5	5
MMC-18-11	71.99	72.96	0.97	S00354626	Original	trace diss po	2.102	2	5
MMC-18-11	72.96	74.01	1.05	S00354627	Original	trace diss po	2.228	0.5	5
MMC-18-11	74.01	75.04	1.03	S00354628	Original	trace diss po	2.247	1	5
MMC-18-11	75.04	76	0.96	S00354629	Original	trace diss po	0.856	0.5	5
MMC-18-11	76	77.02	1.02	S00354631	Original	trace diss po	2.381	2	5
MMC-18-11	77.02	78.05	1.03	S00354632	Original	trace diss po	2.427	0.5	5
MMC-18-11	78.05	79.02	0.97	S00354633	Original	trace diss po	2.28	0.5	5
MMC-18-11	79.02	80.01	0.99	S00354634	Original	trace diss po with a cp bearing qtz vn	2.306	0.5	5
MMC-18-11	80.01	80.99	0.98	S00354635	Original	same as prewvpius	2.261	0.5	5
MMC-18-11	80.99	82.02	1.03	S00354636	Original	trace diss po with large barren qtz vn	2.218	0.5	5
MMC-18-11	82.02	83.02	1	S00354637	Original	trace diss po	2.243	0.5	5
MMC-18-11	83.02	83.97	0.95	S00354638	Original	trace diss po	2.288	0.5	5
MMC-18-11	83.97	84.66	0.69	S00354639	Original		1.607	0.5	5
MMC-18-11	84.66	85.66	1	S00354641	Original		2.331	0.5	5
MMC-18-11	85.66	86.66	1	S00354642	Original		2.491	1	5
MMC-18-11	86.66	87.71	1.05	S00354643	Original		2.243	2	5
MMC-18-11	87.71	88.54	0.83	S00354644	Original	trace diss po	1.729	0.5	5
MMC-18-11	88.54	89.6	1.06	S00354645	Original		2.86	0.5	5
MMC-18-11	89.6	90.63	1.03	S00354646	Original	trace diss po + cp	2.484	0.5	5
MMC-18-11	90.63	91.73	1.1	S00354647	Original	trace diss po	2.578	0.5	5
MMC-18-11	91.73	92.83	1.1	S00354648	Original	trace diss po	2.622	0.5	5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb
MMC-18-11	92.83	93.84	1.01	S00354649	Original	trace diss po	2.307	2	20
MMC-18-11	93.84	94.81	0.97	S00354651	Original	1% diss to blebby pocp	2.385	5	40
MMC-18-11	94.81	95.81	1	S00354652	Original	1% diss to blebby po>cp	2.419	2	20
MMC-18-11	95.81	96.78	0.97	S00354653	Original	1% diss to blebby po>cp	2.264	7	50
MMC-18-11	96.78	97.79	1.01	S00354654	Original	1% diss to blebby po>cp	2.357	15	130
MMC-18-11	97.79	98.75	0.96	S00354655	Original	1-3% blebby po>cp	2.418	27	190
MMC-18-11	98.75	99.71	0.96	S00354656	Original	1-3% blebby to diss po>cp	2.327	8	70
MMC-18-11	99.71	100.74	1.03	S00354657	Original	1% diss po>cp	2.637	12	70
MMC-18-11	100.74	101.72	0.98	S00354658	Original	3-5% blebby to fracture controlled po>cp	2.463	23	120
MMC-18-11	101.72	102.74	1.02	S00354659	Original	3-5% blebby to fracture controlled po>cp	2.521	46	90
MMC-18-11	102.74	103.08	0.34	S00354661	Original	30cm metased clast	0.799	20	40
MMC-18-11	103.08	104.02	0.94	S00354662	Original	5% blebby to fracture controlled pocp	2.246	77	90
MMC-18-11	104.02	105.15	1.13	S00354663	Original	5-8% blebby to locally net-textured po>cp	2.728	107	160
MMC-18-11	105.15	105.83	0.68	S00354664	Original	10-15% blebby and net-textured po>cp	1.726	228	300
MMC-18-11	105.83	106.88	1.05	S00354665	Original	5% po>>cp fracture controlled	2.472	176	220
MMC-18-11	106.88	107.92	1.04	S00354666	Original	5% blebby and foliation controlled pocp	2.653	325	490
MMC-18-11	107.92	108.9	0.98	S00354667	Original	5% blebby and fracture controlled po>cp	2.578	169	330
MMC-18-11	108.9	109.97	1.07	S00354668	Original	3% blebby and foliation controlled po>cp	2.659	253	400
MMC-18-11	109.97	111.03	1.06	S00354669	Original	3% blebby pocp	2.722	309	490
MMC-18-11	111.03	112.04	1.01	S00354671	Original	5-8% blebby pocp	2.607	267	510
MMC-18-11	112.04	113.16	1.12	S00354672	Original	5% blebby (locally net) pocp	2.887	254	460
MMC-18-11	113.16	114.19	1.03	S00354673	Original	3% diss to blebby po>cp	2.574	242	460
MMC-18-11	114.19	115.24	1.05	S00354674	Original	5% diss and carb vn hosted po>cp	2.635	355	640
MMC-18-11	115.24	116.25	1.01	S00354675	Original	3-5% blebby to diss pocp	2.658	305	580
MMC-18-11	116.25	117.37	1.12	S00354676	Original	3-5% diss pocp	3.579	278	620
MMC-18-11	117.37	118.38	1.01	S00354677	Original	3% po>cp diss to foliation and qtz vn hosted	2.949	311	570
MMC-18-11	118.38	119.33	0.95	S00354678	Original	5% diss, qtz vn hosted, and fracture controlled po>cp	1.129	332	600
MMC-18-11	119.33	120.35	1.02	S00354681	Original	3% diss to foliation controlled po>cp	2.651	320	540
MMC-18-11	120.35	121.3	0.95	S00354682	Original	3-5% diss to foliation controlled po>cp	2.455	308	610
MMC-18-11	121.3	122.28	0.98	S00354683	Original	3% pocp	2.571	316	580
MMC-18-11	122.28	123.3	1.02	S00354684	Original	3 foliation controlled po>cp	2.621	319	680
MMC-18-11	123.3	124.32	1.02	S00354685	Original	5% diss to blebby/foliation controlled po>cp	2.585	327	610
MMC-18-11	124.32	125.3	0.98	S00354686	Original	5% diss to blebby/foliation controlled po>cp	2.443	301	550
MMC-18-11	125.3	126.33	1.03	S00354687	Original	5% diss to blebby cppo	2.733	298	600
MMC-18-11	126.33	127.35	1.02	S00354688	Original	5% diss to blebby cppo	2.608	284	530
MMC-18-11	127.35	128.41	1.06	S00354689	Original	5% diss to blebby po>cp	2.899	264	470
MMC-18-11	128.41	129.42	1.01	S00354691	Original	3% diss and fracture controlled po>cp	2.701	353	490
MMC-18-11	129.42	130.42	1	S00354692	Original	3-5% diss to blebby po>cp	2.584	485	570
MMC-18-11	130.42	131.46	1.04	S00354693	Original	5% diss to fracture controlled po>cp	2.8	282	490
MMC-18-11	131.46	132.45	0.99	S00354694	Original	3% diss po>cp	2.496	142	290
MMC-18-11	132.45	133.47	1.02	S00354695	Original	3% diss to blebby and qtz vn hosted po>cp	2.46	135	330
MMC-18-11	133.47	134.47	1	S00354696	Original	5% diss to blebby and foliation controlled with qtz/carb hosted pocp	2.558	201	410
MMC-18-11	134.47	135.45	0.98	S00354697	Original	5% diss with large qtz/carb vn cp>po	2.378	191	300
MMC-18-11	135.45	136.51	1.06	S00354698	Original	5% diss and qtz/carb vn hosted cp>po	2.6	219	410
MMC-18-11	136.51	137.59	1.08	S00354699	Original	5% diss to blebby po>cp	2.782	207	430

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb
MMC-18-11	137.59	138.62	1.03	S00354701	Original	5% diss to blebby po>cp	2.681	266	550
MMC-18-11	138.62	139.59	0.97	S00354702	Original	3% diss to blebby po>cp	2.605	282	530
MMC-18-11	139.59	140.6	1.01	S00354703	Original	3% diss cppo	2.622	263	490
MMC-18-11	140.6	141.1	0.5	S00354704	Original	5% qtz/carb vn and foliation controlled disseminated pocp	1.247	222	420
MMC-18-11	141.1	142.05	0.95	S00354706	Original	1-3% diss po>cp	2.413	251	470
MMC-18-11	142.05	142.93	0.88	S00354707	Original	1% DISS PO>CP	2.278	244	460
MMC-18-11	142.93	143.51	0.58	S00354708	Original	3% diss po>cp	1.537	201	430
MMC-18-11	143.51	144.54	1.03	S00354709	Original	5% diss pocp	2.638	255	460
MMC-18-11	144.54	145.54	1	S00354711	Original	3% diss to fracture controlled pocp	2.688	254	470
MMC-18-11	145.54	146.7	1.16	S00354712	Original	1% diss po>cp	2.769	246	490
MMC-18-11	146.7	147.74	1.04	S00354713	Original	1% diss po>cp	2.636	175	330
MMC-18-11	147.74	148.77	1.03	S00354714	Original	3% diss to frac controlled po>cp	2.718	280	530
MMC-18-11	148.77	149.78	1.01	S00354715	Original	1-3% diss po>cp	2.584	493	550
MMC-18-11	149.78	150.93	1.15	S00354716	Original	1% diss to locally blebby cppo	2.83	252	410
MMC-18-11	150.93	152	1.07	S00354717	Original	3% diss to fract controlled po>cp	2.816	256	480
MMC-18-11	152	153.05	1.05	S00354718	Original	1% diss and fracture controlled pocp	2.758	186	360
MMC-18-11	153.05	153.55	0.5	S00354719	Original	1% diss and carb hosted po>cp	1.341	194	360
MMC-18-11	153.55	154.05	0.5	S00354721	Original	trace diss pocp in altered pod	1.182	55	110
MMC-18-11	154.05	154.3	0.25	S00354722	Original	short sample to isolate shear	0.491	64	120
MMC-18-11	154.3	154.6	0.3	S00354723	Original	3% pocp in a carb vn hosted by altered/bleached/ white gabbro	0.606	4	5
MMC-18-11	154.6	155.63	1.03	S00354724	Original	1% diss and foliation controlled cppo	2.615	166	310
MMC-18-11	155.63	156.6	0.97	S00354725	Original	1% diss pocp	2.409	179	330
MMC-18-11	156.6	157.58	0.98	S00354726	Original	1% diss pocp	2.449	37	80
MMC-18-11	157.58	158.62	1.04	S00354727	Original	3% po with minor cp diss with qtz/carb vn	2.683	188	320
MMC-18-11	158.62	159.68	1.06	S00354728	Original	3% diss po>cp	2.696	185	370
MMC-18-11	159.68	160.64	0.96	S00354729	Original	3-5% diss po>cp	1.1	289	550
MMC-18-11	160.64	161.79	1.15	S00354731	Original	3% diss to blebby pocp	2.966	342	500
MMC-18-11	161.79	162.81	1.02	S00354732	Original	3% diss po>cp	2.565	269	550
MMC-18-11	162.81	163.85	1.04	S00354733	Original	1% diss po>cp with qtz/carb vns	2.609	274	470
MMC-18-11	163.85	165.05	1.2	S00354734	Original	3% po>cp with minor sphalerite(?) hosted as diss and qtz/carb vns	2.94	220	340
MMC-18-11	165.05	165.98	0.93	S00354735	Original	3% diss and qtz/carb vn hosted pocp	2.231	93	120
MMC-18-11	165.98	166.74	0.76	S00354736	Original	trace diss cp	1.735	6	5
MMC-18-11	166.74	167.35	0.61	S00354737	Original	3% blebby cp with minor po and sph(?) in coarse pegmatitic Nip	1.413	128	160
MMC-18-11	167.35	168.33	0.98	S00354739	Original	5% blebby po>cp	2.423	252	310
MMC-18-11	168.33	169.38	1.05	S00354741	Original	1% diss and fracture controlled pocp with possible sph(?)	2.474	188	230
MMC-18-11	169.38	170.33	0.95	S00354742	Original	1% cp in Nip with two large 10cm qtz carb vns	2.249	32	40
MMC-18-11	170.33	170.79	0.46	S00354743	Original	5% po with minor cp in qtz carb with chl vn	1.119	15	5
MMC-18-11	170.79	171.89	1.1	S00354744	Original	trace diss pocp mainly a continuity sample	2.532	3	5
MMC-18-11	171.89	172.85	0.96	S00354745	Original		2.067	0.5	10
MMC-18-11	172.85	173.89	1.04	S00354746	Original		2.552	0.5	5
MMC-18-11	173.89	175.06	1.17	S00354747	Original		2.851	14	10
MMC-18-11	175.06	176	0.94	S00354748	Original		2.151	34	20
MMC-18-11	176	177.13	1.13	S00354749	Original		2.668	19	10
MMC-18-11	177.13	178.1	0.97	S00354751	Original	1% foliation and fracture controlled pocp	2.31	98	80
MMC-18-11	178.1	178.63	0.53	S00354752	Original	1% foliation pocp w 5cm pegmatitic nip	1.265	220	140

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPB	Pt_PPB
MMC-18-11	178.63	178.93	0.3	S00354753	Original	1% cp diss in pegmatitic Nip	0.664	27	5
MMC-18-11	178.93	179.67	0.74	S00354754	Original	0.5% cp in qtz/carb vn	1.828	37	40
MMC-18-11	179.67	180.67	1	S00354755	Original	5% diss and fracture controlled po>cp	2.705	299	400
MMC-18-11	180.67	181.84	1.17	S00354756	Original	5% diss and fracture controlled pocp	2.666	109	110
MMC-18-11	181.84	182.85	1.01	S00354757	Original	3% diss pocp	2.565	367	490
MMC-18-11	182.85	183.43	0.58	S00354758	Original	1% diss po	1.333	78	110
MMC-18-11	183.43	183.98	0.55	S00354759	Original	1% pocp in pegmatitic nip	1.429	43	70
MMC-18-11	183.98	184.36	0.38	S00354761	Original	trace diss cp in pegmatitic nip	0.849	37	70
MMC-18-11	184.36	185.37	1.01	S00354762	Original	1% po with minor cp as sporadic blebs	2.522	24	50
MMC-18-11	185.37	186.37	1	S00354763	Original		2.612	5	30
MMC-18-11	186.37	187.46	1.09	S00354764	Original	trace diss pocp	2.763	52	170
MMC-18-11	187.46	188.57	1.11	S00354765	Original	3-5% diss po with minor cp	2.695	317	500
MMC-18-11	188.57	189.66	1.09	S00354766	Original	1% diss po with minor cp and trace sph(?)	2.799	87	160
MMC-18-11	189.66	190.69	1.03	S00354768	Original		2.566	4	30
MMC-18-11	190.69	191.7	1.01	S00354769	Original		2.384	5	20
MMC-18-11	191.7	192.74	1.04	S00354771	Original		2.48	2	20
MMC-18-11	192.74	193.77	1.03	S00354772	Original		2.469	1	5
MMC-18-11	193.77	194.09	0.32	S00354773	Original		0.791	2	5
MMC-18-11	194.09	195.16	1.07	S00354774	Original		2.426	2	5
MMC-18-11	195.16	196.16	1	S00354775	Original		2.392	2	5
MMC-18-11	196.16	197.18	1.02	S00354776	Original	contains dolomite veins	2.581	0.5	5
MMC-18-11	197.18	198.26	1.08	S00354777	Original		2.612	0.5	5
MMC-18-11	198.26	199	0.74	S00354778	Original		1.949	3	5
MMC-18-11	199	199.66	0.66	S00354779	Original	3% cp and 7 po in net-texture vein	0.781	51	200
MMC-18-11	199.66	200.68	1.02	S00354781	Original	1-3% cp with minor po in fractures	2.233	94	160
MMC-18-11	200.68	201.63	0.95	S00354783	Original	0.5% diss and fracture controlled cp with minor po	2.411	13	20
MMC-18-11	201.63	202.37	0.74	S00354784	Original	0.5% cp in fractures	1.948	3	20
MMC-18-11	202.37	203.69	1.32	S00354785	Original		3.514	0.5	20
MMC-18-11	203.69	204.82	1.13	S00354786	Original	10cm qtz/carb/chl vn	2.879	17	30
MMC-18-11	204.82	206.01	1.19	S00354787	Original	trace cp along fractures	3.017	9	20
MMC-18-11	206.01	209.96	3.95	S00354788	Original		2.516	2	5



Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-11	22.49	23.65	1.16	S00354599	2	0.5	5.56	12	470	1	0.1	0.9	0.3	16.5	109	0.7
MMC-18-11	23.65	24.45	0.8	S00354601	0.5	0.5	4.63	6	360	1	0.05	0.9	0.1	11.2	89	0.7
MMC-18-11	24.45	25.64	1.19	S00354602	1	0.5	4.64	4	290	0.5	0.05	0.4	0.1	8.2	73	0.8
MMC-18-11	25.64	27.26	1.62	S00354603	2	0.5	6.27	9	470	1	0.05	0.8	0.1	14.7	149	1.1
MMC-18-11	27.26	28.67	1.41	S00354604	0.5	0.5	4.27	13	230	0.5	4.6	1.3	0.2	13.2	120	0.5
MMC-18-11	28.67	29.7	1.03	S00354605	0.5	0.5	2.34	5	190	0.5	0.05	0.2	0.2	3.4	60	0.3
MMC-18-11	29.7	30.7	1	S00354606	0.5	0.5	4.37	3	380	0.5	0.05	0.2	1	6.2	66	0.7
MMC-18-11	30.7	31.81	1.11	S00354607	0.5	0.5	4.52	4	390	0.5	0.05	0.2	0.1	7.1	83	0.8
MMC-18-11	31.81	32.81	1	S00354608	0.5	0.5	3.74	1.5	310	0.5	0.05	0.1	0.1	5.9	65	0.6
MMC-18-11	32.81	33.85	1.04	S00354609	0.5	0.5	5.92	5	500	1	0.05	0.2	0.3	11.8	106	1.9
MMC-18-11	33.85	34.91	1.06	S00354611	2	0.5	1.86	15	140	0.5	0.05	0.05	0.1	18.4	104	0.5
MMC-18-11	34.91	36.22	1.31	S00354612	5	0.5	12.5	6	720	2	0.1	2	0.1	43.5	354	5.1
MMC-18-11	43.03	44.09	1.06	S00354613	5	0.5	10.1	5	430	2	0.1	2.7	0.1	41.7	330	1.1
MMC-18-11	44.09	45.16	1.07	S00354614	9	0.5	9.6	13	320	1	0.1	3.3	0.1	54.3	359	1.1
MMC-18-11	45.16	46.12	0.96	S00354615	10	0.5	9.82	9	340	2	0.1	3.4	0.1	55.5	366	0.7
MMC-18-11	46.12	47.12	1	S00354616	11	0.5	9.81	8	300	2	0.1	3.6	0.1	55.9	363	0.6
MMC-18-11	47.12	48.16	1.04	S00354617	8	0.5	9.92	9	370	2	0.2	3.4	0.2	58.9	349	1.1
MMC-18-11	48.16	49.32	1.16	S00354618	5	0.5	10.1	8	460	2	0.05	3.1	0.1	42	313	0.9
MMC-18-11	65.45	66.54	1.09	S00354619	3	0.5	9.81	4	500	2	0.1	3.3	0.1	36.4	229	1.1
MMC-18-11	66.54	67.58	1.04	S00354621	3	0.5	9.59	6	410	2	0.1	3.3	0.1	35.6	215	1.3
MMC-18-11	67.58	68.71	1.13	S00354622	3	0.5	10.4	6	460	2	0.1	4	0.1	36.8	219	1.4
MMC-18-11	68.71	69.73	1.02	S00354623	3	0.5	10.5	8	480	2	0.1	4.1	0.1	37.3	253	1.5
MMC-18-11	69.73	70.73	1	S00354624	2	0.5	10.4	6	480	2	0.2	4.3	0.1	38.2	250	1.9
MMC-18-11	70.73	71.99	1.26	S00354625	3	0.5	10.6	11	470	1	0.2	4.3	0.1	42	275	2
MMC-18-11	71.99	72.96	0.97	S00354626	4	0.5	9.6	5	430	2	0.2	3.8	0.1	35.9	292	2.1
MMC-18-11	72.96	74.01	1.05	S00354627	5	0.5	9.76	26	480	2	0.2	3.6	0.1	39	336	3.1
MMC-18-11	74.01	75.04	1.03	S00354628	6	0.5	9.09	4	380	2	0.2	4.5	0.1	38	350	4.9
MMC-18-11	75.04	76	0.96	S00354629	2	0.5	9.2	1.5	390	2	0.2	4.9	0.3	31.9	137	6.3
MMC-18-11	76	77.02	1.02	S00354631	0.5	0.5	9.19	1.5	390	2	0.2	5.2	0.4	32.8	66	6.7
MMC-18-11	77.02	78.05	1.03	S00354632	1	0.5	8.85	1.5	370	1	0.2	5	0.1	34.7	83	6.3
MMC-18-11	78.05	79.02	0.97	S00354633	0.5	0.5	9.03	3	300	2	0.2	5.3	0.1	38.5	83	5.1
MMC-18-11	79.02	80.01	0.99	S00354634	2	0.5	8.92	1.5	240	1	0.3	5.9	0.2	36.2	70	4.4
MMC-18-11	80.01	80.99	0.98	S00354635	2	0.5	8.8	1.5	130	1	0.3	5.4	0.7	36.7	76	2.1
MMC-18-11	80.99	82.02	1.03	S00354636	2	0.5	7.68	1.5	130	1	0.3	7	0.3	25.7	84	1.8
MMC-18-11	82.02	83.02	1	S00354637	2	0.5	9.24	1.5	220	1	0.2	3.8	0.1	35.6	85	4.7
MMC-18-11	83.02	83.97	0.95	S00354638	1	0.5	8.7	9	390	1	0.2	4.2	0.1	43.5	146	8.1
MMC-18-11	83.97	84.66	0.69	S00354639	0.5	0.5	8.84	1.5	400	2	0.1	4.9	0.1	36.5	85	6.8
MMC-18-11	84.66	85.66	1	S00354641	2	0.5	9.02	1.5	420	2	0.1	4.8	0.1	35.9	79	6.9
MMC-18-11	85.66	86.66	1	S00354642	1	0.5	8.78	1.5	380	2	0.1	4.9	0.1	35.5	84	5.8
MMC-18-11	86.66	87.71	1.05	S00354643	1	0.5	8.86	1.5	390	2	0.1	5	0.1	42.2	92	6.6
MMC-18-11	87.71	88.54	0.83	S00354644	3	0.5	8.89	3	330	1	0.1	5	0.1	42.3	107	4.7
MMC-18-11	88.54	89.6	1.06	S00354645	4	0.5	9.02	4	220	1	0.2	4.7	0.1	46.6	180	2.6
MMC-18-11	89.6	90.63	1.03	S00354646	5	0.5	9.4	5	310	1	0.2	4.9	0.1	56.6	278	4.5
MMC-18-11	90.63	91.73	1.1	S00354647	2	0.5	9.86	1.5	240	1	0.1	4.9	0.1	45.5	138	3.2
MMC-18-11	91.73	92.83	1.1	S00354648	2	0.5	9.48	1.5	300	1	0.2	4.4	0.1	45.3	121	4.7

Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPb	Be_PPb	Bi_PPb	Ca_PCT	Cd_PPb	Co_PPb	Cr_PPb	Cs_PPb
MMC-18-11	92.83	93.84	1.01	S00354649	11	0.5	9.44	5	230	1	0.4	4.7	0.1	53.6	217	1.6
MMC-18-11	93.84	94.81	0.97	S00354651	33	0.5	8.07	11	310	1	0.4	4.6	0.3	67	311	1.4
MMC-18-11	94.81	95.81	1	S00354652	18	0.5	8.25	21	230	1	0.3	4.6	0.2	53.3	377	0.7
MMC-18-11	95.81	96.78	0.97	S00354653	46	0.5	8.72	89	340	2	0.6	4.6	0.1	86.2	455	1.8
MMC-18-11	96.78	97.79	1.01	S00354654	186	0.5	9.19	324	350	2	1.1	3.7	0.1	285	767	2.1
MMC-18-11	97.79	98.75	0.96	S00354655	166	0.5	7.12	114	330	1	2.4	3.5	0.1	196	670	2.9
MMC-18-11	98.75	99.71	0.96	S00354656	84	0.5	7.59	102	340	1	1.1	3.8	0.1	114	739	2.2
MMC-18-11	99.71	100.74	1.03	S00354657	103	0.5	7.36	72	330	1	1.5	3.9	0.1	142	709	2.3
MMC-18-11	100.74	101.72	0.98	S00354658	126	0.5	6.88	32	240	1	2.2	3.7	0.2	175	687	2
MMC-18-11	101.72	102.74	1.02	S00354659	125	0.5	6.6	35	250	1	2.6	4.2	0.1	159	663	3.2
MMC-18-11	102.74	103.08	0.34	S00354661	40	0.5	2.51	5	120	0.5	1.2	1.1	0.3	78.1	220	1.8
MMC-18-11	103.08	104.02	0.94	S00354662	135	0.5	6.48	23	230	1	3.5	3.9	0.4	156	588	3.9
MMC-18-11	104.02	105.15	1.13	S00354663	173	0.5	6.44	44	220	1	6.4	4	0.1	320	454	3.9
MMC-18-11	105.15	105.83	0.68	S00354664	295	0.5	5.01	51	220	0.5	11.7	3.7	0.1	393	576	4.5
MMC-18-11	105.83	106.88	1.05	S00354665	237	0.5	6.83	48	210	0.5	9.5	3.7	0.4	237	455	4.1
MMC-18-11	106.88	107.92	1.04	S00354666	520	2	6.06	113	170	0.5	22.2	3.8	0.8	454	338	2.6
MMC-18-11	107.92	108.9	0.98	S00354667	336	2	6.18	74	140	0.5	14.7	4.2	0.8	414	302	2
MMC-18-11	108.9	109.97	1.07	S00354668	477	3	6.47	103	150	0.5	19.5	4.3	0.9	304	398	1.5
MMC-18-11	109.97	111.03	1.06	S00354669	584	4	6.48	79	150	0.5	25	4.2	1	309	443	1.5
MMC-18-11	111.03	112.04	1.01	S00354671	527	3	6.26	81	150	0.5	22.5	4	0.8	341	480	1.2
MMC-18-11	112.04	113.16	1.12	S00354672	498	3	6.1	115	170	0.5	21.7	4.2	1.1	387	464	1.1
MMC-18-11	113.16	114.19	1.03	S00354673	470	3	6.89	76	200	0.5	19.6	4.3	0.9	244	612	1.4
MMC-18-11	114.19	115.24	1.05	S00354674	702	3	6.16	127	200	0.5	28.4	3.8	1.1	333	654	1.8
MMC-18-11	115.24	116.25	1.01	S00354675	620	3	6.46	93	180	0.5	25.2	3.9	1.1	322	701	1.8
MMC-18-11	116.25	117.37	1.12	S00354676	588	3	6.36	120	220	0.5	26.1	4	1.2	335	689	2.1
MMC-18-11	117.37	118.38	1.01	S00354677	657	4	6.3	116	170	0.5	24.9	4	1.7	327	713	1.8
MMC-18-11	118.38	119.33	0.95	S00354678	703	4	6.39	113	190	0.5	28	4	1.3	351	732	1.7
MMC-18-11	119.33	120.35	1.02	S00354681	694	4	5.9	126	180	0.5	25.9	3.8	1.4	342	759	1.5
MMC-18-11	120.35	121.3	0.95	S00354682	662	4	6	121	170	0.5	27.3	4	1.4	383	838	1.3
MMC-18-11	121.3	122.28	0.98	S00354683	682	4	5.71	123	170	0.5	25.1	3.9	1.4	333	815	1.2
MMC-18-11	122.28	123.3	1.02	S00354684	695	3	5.58	107	150	0.5	25	4	1.2	354	806	1
MMC-18-11	123.3	124.32	1.02	S00354685	716	3	5.43	117	150	0.5	25.7	3.5	1.2	364	802	1
MMC-18-11	124.32	125.3	0.98	S00354686	642	3	5.58	119	150	0.5	22.7	3.6	1.2	342	790	1
MMC-18-11	125.3	126.33	1.03	S00354687	641	3	5.83	116	140	0.5	22.8	3.9	1.2	348	780	0.9
MMC-18-11	126.33	127.35	1.02	S00354688	616	3	5.56	115	150	0.5	21.2	3.9	1.2	321	794	0.8
MMC-18-11	127.35	128.41	1.06	S00354689	573	3	5.65	112	150	0.5	18.8	3.9	1.1	292	783	1
MMC-18-11	128.41	129.42	1.01	S00354691	576	2	6.46	207	170	0.5	19.6	3.7	1.5	258	598	1.2
MMC-18-11	129.42	130.42	1	S00354692	704	3	6.53	484	150	0.5	22.5	4.2	1.6	339	520	1.9
MMC-18-11	130.42	131.46	1.04	S00354693	564	3	6.16	279	90	0.5	20.8	5.1	1.4	315	516	1.4
MMC-18-11	131.46	132.45	0.99	S00354694	357	2	7.06	108	190	0.5	10.9	5.4	0.8	164	464	1.5
MMC-18-11	132.45	133.47	1.02	S00354695	366	0.5	7.48	113	130	0.5	10.4	5.4	0.7	205	552	2.2
MMC-18-11	133.47	134.47	1	S00354696	467	0.5	7.02	153	100	0.5	14.3	4.6	0.9	222	487	1.9
MMC-18-11	134.47	135.45	0.98	S00354697	392	4	6.33	103	130	0.5	15.7	5.1	1.5	175	277	1.7
MMC-18-11	135.45	136.51	1.06	S00354698	487	1	6.58	175	80	0.5	13.8	4.7	1	221	366	1.4
MMC-18-11	136.51	137.59	1.08	S00354699	514	0.5	7.76	152	220	0.5	17.1	4.8	0.9	226	242	1.3

Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-11	137.59	138.62	1.03	S00354701	628	2	8	150	170	0.5	23.1	4.8	1.3	282	186	1.8
MMC-18-11	138.62	139.59	0.97	S00354702	642	2	7.62	166	140	0.5	22.1	5	1.3	272	184	2.1
MMC-18-11	139.59	140.6	1.01	S00354703	603	2	7.74	156	130	0.5	20.3	4.2	1.1	244	181	1.4
MMC-18-11	140.6	141.1	0.5	S00354704	496	1	7.5	110	50	0.5	15.9	5.7	1	205	171	1
MMC-18-11	141.1	142.05	0.95	S00354706	542	2	7.87	106	130	0.5	17.6	4.2	1.2	245	173	1
MMC-18-11	142.05	142.93	0.88	S00354707	584	3	7.57	208	130	0.5	20.3	5	1.2	276	187	2.3
MMC-18-11	142.93	143.51	0.58	S00354708	492	2	7.77	92	140	0.5	15.6	4.7	1.1	183	190	2
MMC-18-11	143.51	144.54	1.03	S00354709	817	2	7.99	3180	120	0.5	21.2	4.2	0.9	881	177	2.4
MMC-18-11	144.54	145.54	1	S00354711	793	3	7.69	583	130	0.5	19.4	5	1.2	348	163	1.5
MMC-18-11	145.54	146.7	1.16	S00354712	592	2	7.82	68	100	0.5	18.4	4.4	1.3	214	184	1.6
MMC-18-11	146.7	147.74	1.04	S00354713	433	2	7.65	103	120	0.5	14.5	5.5	0.9	231	173	2.3
MMC-18-11	147.74	148.77	1.03	S00354714	636	1	7.99	207	110	0.5	20.6	4.6	1.2	267	137	1.7
MMC-18-11	148.77	149.78	1.01	S00354715	695	3	8.09	422	170	0.5	20	4.9	1.5	301	167	3
MMC-18-11	149.78	150.93	1.15	S00354716	489	2	7.69	140	100	0.5	13.8	4.3	1.1	192	183	2.1
MMC-18-11	150.93	152	1.07	S00354717	587	3	6.39	124	120	0.5	17.9	4.1	1.2	236	207	3.3
MMC-18-11	152	153.05	1.05	S00354718	452	1	7.13	123	140	0.5	14.4	4.6	0.9	195	171	3.4
MMC-18-11	153.05	153.55	0.5	S00354719	474	1	7.26	154	130	0.5	15	4.7	0.9	214	161	3.2
MMC-18-11	153.55	154.05	0.5	S00354721	177	0.5	7.12	146	180	0.5	4.3	4.3	0.5	102	163	2.5
MMC-18-11	154.05	154.3	0.25	S00354722	195	0.5	8.43	566	60	0.5	5.2	4.2	0.2	158	178	1.8
MMC-18-11	154.3	154.6	0.3	S00354723	11	0.5	10.2	39	210	2	1.3	3	0.1	23	161	2
MMC-18-11	154.6	155.63	1.03	S00354724	382	2	7.23	234	120	0.5	11.3	4.5	0.8	177	229	2.7
MMC-18-11	155.63	156.6	0.97	S00354725	403	1	7.07	241	110	0.5	12.3	5.5	0.7	221	184	2.4
MMC-18-11	156.6	157.58	0.98	S00354726	161	0.5	7.62	66	140	0.5	3	5.8	0.3	99.3	163	2
MMC-18-11	157.58	158.62	1.04	S00354727	397	1	7.37	112	130	0.5	11.1	5.6	0.8	181	128	1.4
MMC-18-11	158.62	159.68	1.06	S00354728	469	2	7.76	202	190	0.5	13	4.5	0.8	205	122	1.5
MMC-18-11	159.68	160.64	0.96	S00354729	668	2	7.69	211	110	0.5	20.9	4.8	1.1	282	102	0.9
MMC-18-11	160.64	161.79	1.15	S00354731	655	3	7.31	88	120	0.5	22.9	6.1	1.2	272	62	2
MMC-18-11	161.79	162.81	1.02	S00354732	650	3	7.3	98	110	0.5	21	5.6	1.2	263	65	3.2
MMC-18-11	162.81	163.85	1.04	S00354733	657	1	7.22	104	150	0.5	20	6.1	1.1	251	51	4.4
MMC-18-11	163.85	165.05	1.2	S00354734	466	1	6.84	87	160	0.5	16	5	1.1	194	60	4.5
MMC-18-11	165.05	165.98	0.93	S00354735	195	0.5	8	83	90	0.5	4.9	6.1	0.8	129	58	2.5
MMC-18-11	165.98	166.74	0.76	S00354736	18	0.5	8.24	19	30	0.5	1.1	6.1	0.1	50.2	48	0.2
MMC-18-11	166.74	167.35	0.61	S00354737	269	2	8.68	192	50	0.5	6.3	5.5	1.2	150	76	0.4
MMC-18-11	167.35	168.33	0.98	S00354739	468	2	7.71	152	160	0.5	14.4	5.6	1.1	188	47	1.4
MMC-18-11	168.33	169.38	1.05	S00354741	298	1	7.96	62	140	0.5	8.4	6.3	0.8	123	41	1.4
MMC-18-11	169.38	170.33	0.95	S00354742	61	0.5	8.42	41	70	0.5	1.8	6.7	0.3	53.7	48	1.1
MMC-18-11	170.33	170.79	0.46	S00354743	104	0.5	6.55	14	30	0.5	1.3	8.5	0.5	79.5	40	0.1
MMC-18-11	170.79	171.89	1.1	S00354744	18	0.5	8.04	22	170	1	0.5	5.6	0.2	55.9	46	2.4
MMC-18-11	171.89	172.85	0.96	S00354745	20	0.5	8.26	27	180	0.5	0.3	7.6	0.1	57.3	39	3.2
MMC-18-11	172.85	173.89	1.04	S00354746	23	0.5	7.47	16	100	0.5	0.3	6.2	0.1	51.5	45	1.3
MMC-18-11	173.89	175.06	1.17	S00354747	34	0.5	8.14	5	130	0.5	0.5	7	0.4	48.4	46	2.1
MMC-18-11	175.06	176	0.94	S00354748	35	0.5	8.14	1.5	140	0.5	0.9	6.6	0.3	44.6	43	1.7
MMC-18-11	176	177.13	1.13	S00354749	25	0.5	9.41	1.5	130	0.5	0.7	7.7	0.1	41.7	52	2.3
MMC-18-11	177.13	178.1	0.97	S00354751	129	0.5	9.13	1.5	210	0.5	2.4	5.9	0.1	80.6	56	3.3
MMC-18-11	178.1	178.63	0.53	S00354752	242	0.5	9.11	16	130	0.5	5.2	6.7	0.5	145	66	2.8

Hole number	From	To	LENGTH	Sample Number	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM
MMC-18-11	178.63	178.93	0.3	S00354753	28	0.5	8.64	15	100	1	0.8	4.9	0.4	50.9	66	1
MMC-18-11	178.93	179.67	0.74	S00354754	54	0.5	8.09	14	130	0.5	1.4	5.4	0.1	66.4	82	1.6
MMC-18-11	179.67	180.67	1	S00354755	446	2	8.15	31	80	0.5	11.5	6.3	0.8	175	81	0.6
MMC-18-11	180.67	181.84	1.17	S00354756	189	0.5	7.3	27	80	0.5	5.1	5.8	0.5	95.2	112	0.9
MMC-18-11	181.84	182.85	1.01	S00354757	657	3	7.85	91	110	0.5	19.4	6.3	1	257	62	1.4
MMC-18-11	182.85	183.43	0.58	S00354758	165	0.5	7.49	25	80	0.5	4.1	5.5	0.3	76.2	52	1.3
MMC-18-11	183.43	183.98	0.55	S00354759	88	0.5	8.16	29	70	0.5	2.1	6.5	0.2	75.8	91	0.5
MMC-18-11	183.98	184.36	0.38	S00354761	74	0.5	7.67	53	120	0.5	2.4	6.5	0.3	73.1	65	0.4
MMC-18-11	184.36	185.37	1.01	S00354762	47	0.5	8.9	30	140	0.5	1.6	7.2	0.2	70.2	68	1.3
MMC-18-11	185.37	186.37	1	S00354763	17	0.5	8.66	14	140	0.5	0.4	6.9	0.1	58.4	57	1.1
MMC-18-11	186.37	187.46	1.09	S00354764	130	1	8.87	135	140	0.5	3	7.8	0.2	104	66	1.3
MMC-18-11	187.46	188.57	1.11	S00354765	625	3	7.97	230	90	0.5	17	6.6	0.9	210	58	0.8
MMC-18-11	188.57	189.66	1.09	S00354766	213	0.5	8.17	241	140	0.5	5.1	6.8	0.3	120	58	1.8
MMC-18-11	189.66	190.69	1.03	S00354768	29	0.5	8.11	15	140	0.5	0.6	7.5	0.1	59.2	61	1.7
MMC-18-11	190.69	191.7	1.01	S00354769	35	0.5	8.29	14	130	0.5	0.5	7.1	0.1	52.3	62	1.4
MMC-18-11	191.7	192.74	1.04	S00354771	21	0.5	8.22	4	140	0.5	0.5	7.1	0.1	50.9	62	2
MMC-18-11	192.74	193.77	1.03	S00354772	14	0.5	8.37	3	150	0.5	0.4	6.9	0.1	51.3	68	2.4
MMC-18-11	193.77	194.09	0.32	S00354773	13	0.5	7.76	4	80	0.5	0.8	7.8	0.1	39.3	62	1.6
MMC-18-11	194.09	195.16	1.07	S00354774	17	0.5	8.35	4	130	0.5	0.5	6.9	0.1	53.6	64	2.3
MMC-18-11	195.16	196.16	1	S00354775	20	0.5	7.08	5	140	0.5	0.3	7	0.1	50.2	63	2
MMC-18-11	196.16	197.18	1.02	S00354776	15	0.5	7.93	5	130	0.5	0.3	7.3	0.1	49.7	69	1.4
MMC-18-11	197.18	198.26	1.08	S00354777	8	0.5	7.62	1.5	160	0.5	0.2	7.9	0.1	47.9	73	1.4
MMC-18-11	198.26	199	0.74	S00354778	5	0.5	7.88	1.5	110	0.5	0.2	7.1	0.1	48.9	77	1.1
MMC-18-11	199	199.66	0.66	S00354779	326	1	7.39	89	100	0.5	1.9	6.4	0.6	188	76	0.5
MMC-18-11	199.66	200.68	1.02	S00354781	204	0.5	7.9	27	90	0.5	2.4	7.2	0.7	116	86	0.7
MMC-18-11	200.68	201.63	0.95	S00354783	26	0.5	7.53	22	100	0.5	0.6	6.8	0.1	57.3	78	0.6
MMC-18-11	201.63	202.37	0.74	S00354784	10	0.5	8.4	1.5	100	0.5	0.2	8	0.1	50.9	88	1.2
MMC-18-11	202.37	203.69	1.32	S00354785	16	0.5	9.12	1.5	510	0.5	0.4	7.2	0.1	53.9	92	4.2
MMC-18-11	203.69	204.82	1.13	S00354786	58	0.5	9.03	1.5	250	0.5	0.6	8.1	0.1	44.5	86	2
MMC-18-11	204.82	206.01	1.19	S00354787	26	0.5	7.1	3	150	0.5	0.3	6.5	0.2	50.2	83	1.2
MMC-18-11	206.01	209.96	3.95	S00354788	18	0.5	7.64	4	140	0.5	0.2	6.3	0.1	49.8	94	1.5

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-11	22.49	23.65	1.16	S00354599	45	2.48	2.2	22	15	1.04	170	2	45	0.02	13	0.5	0.5	29.6
MMC-18-11	23.65	24.45	0.8	S00354601	58	2.15	1.7	7	11	0.92	240	2	31	0.01	3	0.5	0.5	31.7
MMC-18-11	24.45	25.64	1.19	S00354602	14	1.51	1.5	4.8	8	0.67	120	2	23	0.01	2	0.5	0.5	34.9
MMC-18-11	25.64	27.26	1.62	S00354603	40	2.86	2.8	11.9	14	1.34	210	5	48	0.02	4	0.5	0.5	31.3
MMC-18-11	27.26	28.67	1.41	S00354604	17	2.23	1.3	23.2	10	1.05	200	3	37	0.03	11	0.5	0.5	33.8
MMC-18-11	28.67	29.7	1.03	S00354605	12	0.74	0.8	5.1	2.5	0.19	70	3	6	0.01	11	0.5	0.5	39.4
MMC-18-11	29.7	30.7	1	S00354606	25	1.17	2.2	10.7	8	0.49	80	2	20	0.02	20	0.5	0.5	36.7
MMC-18-11	30.7	31.81	1.11	S00354607	25	1.46	2.3	12.1	9	0.6	100	3	16	0.01	9	0.5	0.5	30.6
MMC-18-11	31.81	32.81	1	S00354608	35	1.16	1.9	11.1	7	0.44	80	2	14	0.02	11	0.5	0.5	36.6
MMC-18-11	32.81	33.85	1.04	S00354609	18	2.58	3	12.3	17	1.06	140	3	25	0.02	7	0.5	0.5	35.2
MMC-18-11	33.85	34.91	1.06	S00354611	91	1.19	0.8	4.6	7	0.32	80	6	59	0.01	15	0.5	0.5	39.7
MMC-18-11	34.91	36.22	1.31	S00354612	26	7.88	5.5	26	46	3.71	580	3	108	0.04	9	0.5	0.5	21.6
MMC-18-11	43.03	44.09	1.06	S00354613	86	6.52	2.4	22.7	24	2.97	560	4	134	0.03	11	0.5	0.5	25.6
MMC-18-11	44.09	45.16	1.07	S00354614	130	6.68	1.9	22.8	23	2.99	600	4	194	0.03	11	0.5	0.5	26.1
MMC-18-11	45.16	46.12	0.96	S00354615	183	6.91	1.8	22.9	20	3.08	650	4	206	0.03	10	0.5	0.5	25.3
MMC-18-11	46.12	47.12	1	S00354616	184	6.89	1.6	22.8	19	3.15	650	4	213	0.03	10	0.5	0.5	25
MMC-18-11	47.12	48.16	1.04	S00354617	168	6.87	2.2	21.3	23	3.18	640	5	196	0.03	17	0.5	0.5	26.4
MMC-18-11	48.16	49.32	1.16	S00354618	89	6.17	2.4	22.2	24	2.99	590	3	112	0.03	10	0.5	0.5	26.3
MMC-18-11	65.45	66.54	1.09	S00354619	81	6.25	1.8	19.1	27	3.01	650	3	63	0.03	11	0.5	0.5	26.6
MMC-18-11	66.54	67.58	1.04	S00354621	41	6.25	1.3	18.3	25	2.88	700	2	60	0.03	8	0.5	0.5	26.8
MMC-18-11	67.58	68.71	1.13	S00354622	49	6.76	1.7	23.1	26	3.09	800	1	58	0.03	11	0.5	0.5	25.5
MMC-18-11	68.71	69.73	1.02	S00354623	67	6.88	1.7	25.9	27	3.17	800	2	70	0.04	11	0.5	0.5	25.4
MMC-18-11	69.73	70.73	1	S00354624	79	6.96	1.9	25.9	25	3.23	870	2	67	0.04	12	0.5	0.5	24.8
MMC-18-11	70.73	71.99	1.26	S00354625	72	7.08	1.8	26.1	27	3.29	880	1	78	0.03	12	0.5	0.5	25.9
MMC-18-11	71.99	72.96	0.97	S00354626	89	6.9	1.7	24.9	27	3.1	830	4	86	0.04	13	0.5	0.5	26.7
MMC-18-11	72.96	74.01	1.05	S00354627	55	6.31	2.1	28.2	26	3.23	790	4	114	0.04	10	0.5	0.5	25.2
MMC-18-11	74.01	75.04	1.03	S00354628	151	7.23	2.1	18.6	24	2.84	840	3	115	0.04	12	0.5	0.5	26.8
MMC-18-11	75.04	76	0.96	S00354629	130	7.58	2	29.6	22	1.94	820	2	41	0.06	12	0.5	0.5	27.5
MMC-18-11	76	77.02	1.02	S00354631	122	8.37	2	29.8	21	1.85	970	3	27	0.09	13	0.5	1	27.6
MMC-18-11	77.02	78.05	1.03	S00354632	78	8.64	2	27.5	20	2.04	1130	2	29	0.06	10	0.5	2	26.9
MMC-18-11	78.05	79.02	0.97	S00354633	167	8.59	1.4	26.9	20	2.15	1030	2	32	0.07	12	0.5	1	27.3
MMC-18-11	79.02	80.01	0.99	S00354634	159	8.14	1.3	27.2	24	1.98	930	2	31	0.07	17	0.5	2	26.9
MMC-18-11	80.01	80.99	0.98	S00354635	177	8.16	0.8	27.1	24	2.1	920	2	29	0.07	28	0.5	2	27.6
MMC-18-11	80.99	82.02	1.03	S00354636	63	6.95	0.7	21.7	17	1.99	980	3	29	0.06	12	0.5	2	27.4
MMC-18-11	82.02	83.02	1	S00354637	95	9.02	1.2	27.2	21	2.69	1010	1	36	0.07	9	0.5	1	25.2
MMC-18-11	83.02	83.97	0.95	S00354638	73	9.46	2.4	24.8	27	2.75	1160	2	63	0.05	11	0.5	0.5	26.7
MMC-18-11	83.97	84.66	0.69	S00354639	84	9.01	2	26.7	21	2.19	1150	1	30	0.06	10	0.5	0.5	27.4
MMC-18-11	84.66	85.66	1	S00354641	92	8.92	2.1	28	21	2.09	1120	1	27	0.07	10	0.5	0.5	28.3
MMC-18-11	85.66	86.66	1	S00354642	75	9.02	1.9	28.6	25	2.16	1080	2	28	0.07	11	0.5	1	26.7
MMC-18-11	86.66	87.71	1.05	S00354643	108	9.92	2	24	21	2.47	1270	1	33	0.05	9	0.5	0.5	27.8
MMC-18-11	87.71	88.54	0.83	S00354644	76	9.83	1.7	20	24	2.85	1310	1	41	0.04	9	0.5	0.5	25.6
MMC-18-11	88.54	89.6	1.06	S00354645	92	9.59	1.1	20.5	22	3.33	1390	1	87	0.04	9	0.5	0.5	25.8
MMC-18-11	89.6	90.63	1.03	S00354646	177	9.81	1.6	18.6	22	3.17	1350	1	115	0.04	10	0.5	0.5	25.4
MMC-18-11	90.63	91.73	1.1	S00354647	94	9.48	1.2	18.5	24	3.74	1350	1	60	0.03	11	0.5	0.5	26.2
MMC-18-11	91.73	92.83	1.1	S00354648	104	8.51	1.4	20	22	2.91	1100	1	54	0.03	14	0.5	0.5	23.4

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-11	92.83	93.84	1.01	S00354649	133	7.65	0.9	16	18	4.07	910	1	220	0.02	13	0.5	0.5	23.7
MMC-18-11	93.84	94.81	0.97	S00354651	334	7.69	1	15.8	24	4.4	960	3	407	0.03	17	0.5	0.5	26.1
MMC-18-11	94.81	95.81	1	S00354652	199	7.53	0.7	18.6	24	4.26	1000	1	270	0.03	36	0.5	0.5	25.7
MMC-18-11	95.81	96.78	0.97	S00354653	346	7.68	1.1	17.8	22	4.22	970	5	602	0.03	11	0.5	0.5	25.5
MMC-18-11	96.78	97.79	1.01	S00354654	770	11.8	1.6	26.6	34	4.27	1100	16	1610	0.04	14	1.82	0.5	21.6
MMC-18-11	97.79	98.75	0.96	S00354655	1170	9.87	1.3	22.8	20	3.43	900	21	2560	0.04	12	1.84	0.5	25.2
MMC-18-11	98.75	99.71	0.96	S00354656	519	7.55	1.2	21.4	21	3.74	850	11	1170	0.04	12	0.5	0.5	26.8
MMC-18-11	99.71	100.74	1.03	S00354657	774	8.11	1.1	18.2	18	3.73	870	15	1240	0.03	14	1.02	0.5	25
MMC-18-11	100.74	101.72	0.98	S00354658	1400	9.37	0.9	18.5	17	3.67	940	20	1790	0.04	11	2.04	0.5	25.7
MMC-18-11	101.72	102.74	1.02	S00354659	861	9.73	1.1	17	16	3.55	1010	18	1530	0.03	11	1.79	0.5	27
MMC-18-11	102.74	103.08	0.34	S00354661	957	4.6	0.6	13.4	7	1.44	390	9	635	0.02	7	1.07	0.5	34.6
MMC-18-11	103.08	104.02	0.94	S00354662	3260	10.6	1.1	19.3	17	3.52	1110	17	1750	0.04	12	1.92	0.5	26.9
MMC-18-11	104.02	105.15	1.13	S00354663	1560	14.1	1.1	17.5	16	3.28	1110	43	4400	0.03	11	4.63	0.5	24.3
MMC-18-11	105.15	105.83	0.68	S00354664	2130	16.7	1.2	13.5	20	4.69	1340	44	5740	0.03	8	5.42	0.5	24.2
MMC-18-11	105.83	106.88	1.05	S00354665	2160	12.8	1.1	16.7	19	4.12	1250	20	3220	0.03	10	2.93	0.5	24.8
MMC-18-11	106.88	107.92	1.04	S00354666	5770	16.2	0.8	14	17	4.22	1230	39	6080	0.03	13	6.94	0.5	22.1
MMC-18-11	107.92	108.9	0.98	S00354667	4810	16.3	0.6	11.9	17	4.75	1280	32	5660	0.02	11	5	0.5	22.4
MMC-18-11	108.9	109.97	1.07	S00354668	4970	13.2	0.6	12.8	17	5.11	1280	11	5070	0.03	11	3.4	0.5	23.5
MMC-18-11	109.97	111.03	1.06	S00354669	6030	13.2	0.6	13.2	17	5.09	1260	13	5640	0.03	14	3.8	0.5	23.7
MMC-18-11	111.03	112.04	1.01	S00354671	5370	13.6	0.6	12.5	17	5.07	1170	20	6330	0.03	15	4.12	0.5	22.1
MMC-18-11	112.04	113.16	1.12	S00354672	6070	13.9	0.6	12.9	17	5.37	1210	25	6860	0.02	14	4	0.5	22.8
MMC-18-11	113.16	114.19	1.03	S00354673	5180	11.5	0.7	13.8	18	5.33	1260	11	3980	0.03	15	2.32	0.5	23.9
MMC-18-11	114.19	115.24	1.05	S00354674	6160	12.7	0.7	14.2	16	4.94	1240	10	6260	0.03	15	3.57	0.5	23
MMC-18-11	115.24	116.25	1.01	S00354675	5890	12.9	0.7	13.4	19	5.39	1220	11	6170	0.03	16	3.23	0.5	23.6
MMC-18-11	116.25	117.37	1.12	S00354676	6020	13	0.8	11.6	18	5.53	1240	11	6550	0.03	18	3.39	0.5	24.4
MMC-18-11	117.37	118.38	1.01	S00354677	6510	12.9	0.7	12.1	20	5.65	1300	12	5930	0.03	23	3.29	0.5	24.5
MMC-18-11	118.38	119.33	0.95	S00354678	7140	13.6	0.7	14.6	19	5.81	1280	13	6670	0.03	21	3.69	0.5	23.5
MMC-18-11	119.33	120.35	1.02	S00354681	7340	13.5	0.7	12.1	18	6.02	1330	11	6050	0.02	21	3.56	0.5	22.2
MMC-18-11	120.35	121.3	0.95	S00354682	7630	14.4	0.6	11.7	19	6.68	1450	13	7060	0.03	25	3.88	0.5	25.3
MMC-18-11	121.3	122.28	0.98	S00354683	7290	13.7	0.6	11.4	19	6.51	1380	11	6160	0.03	21	3.18	0.5	23.5
MMC-18-11	122.28	123.3	1.02	S00354684	6210	13.5	0.5	11.3	18	6.53	1380	11	6700	0.03	19	3.4	0.5	23.8
MMC-18-11	123.3	124.32	1.02	S00354685	6410	13.7	0.5	11.4	18	6.36	1370	11	6620	0.02	22	3.64	0.5	23.4
MMC-18-11	124.32	125.3	0.98	S00354686	6400	13.2	0.5	11.1	18	6.53	1390	11	6080	0.02	22	3.33	0.5	23.4
MMC-18-11	125.3	126.33	1.03	S00354687	6040	13.7	0.5	10.8	18	6.5	1430	11	6350	0.03	24	3.33	0.5	24.2
MMC-18-11	126.33	127.35	1.02	S00354688	6220	13.2	0.6	11.3	19	6.42	1440	10	5660	0.03	23	3.2	0.5	24.6
MMC-18-11	127.35	128.41	1.06	S00354689	5920	12.7	0.6	11.6	18	6.48	1420	9	5100	0.03	21	2.84	0.5	24.7
MMC-18-11	128.41	129.42	1.01	S00354691	5270	13.2	0.6	11.2	20	5.3	1190	10	4770	0.04	20	2.22	0.5	19.3
MMC-18-11	129.42	130.42	1	S00354692	6770	13.9	0.8	10.9	20	6.02	1270	12	5090	0.04	15	3.05	1	19.4
MMC-18-11	130.42	131.46	1.04	S00354693	5930	13.9	0.5	9.7	19	6.62	1370	13	4860	0.03	13	2.79	0.5	24.8
MMC-18-11	131.46	132.45	0.99	S00354694	3020	10.7	0.7	8.6	19	6.38	1190	7	2330	0.03	22	0.5	0.5	23.9
MMC-18-11	132.45	133.47	1.02	S00354695	3260	11.5	0.7	8.7	19	6.71	1290	6	2730	0.03	20	1.37	0.5	24.9
MMC-18-11	133.47	134.47	1	S00354696	4120	12.4	0.6	10.1	14	5.74	1280	7	2880	0.03	15	1.69	0.5	21
MMC-18-11	134.47	135.45	0.98	S00354697	7390	11	0.6	9.6	14	4.69	1130	7	2620	0.03	21	1.94	1	24.5
MMC-18-11	135.45	136.51	1.06	S00354698	4450	11.8	0.4	8.5	16	5.2	1150	8	3190	0.03	16	2.08	1	23.3
MMC-18-11	136.51	137.59	1.08	S00354699	4120	12	0.6	12.6	15	4.81	1130	7	3750	0.03	26	2.05	0.5	22.3

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-11	137.59	138.62	1.03	S00354701	6520	13.5	0.6	11.5	13	4.13	1230	10	4760	0.03	18	2.74	0.5	21.5
MMC-18-11	138.62	139.59	0.97	S00354702	5970	13.2	0.7	10.3	14	4.24	1210	9	4660	0.03	18	2.72	0.5	20.8
MMC-18-11	139.59	140.6	1.01	S00354703	5510	12	0.6	10.1	13	4	1100	9	4310	0.03	18	2.48	0.5	20.1
MMC-18-11	140.6	141.1	0.5	S00354704	4850	11.6	0.3	10	11	3.96	1190	8	3560	0.03	21	2.03	1	21.9
MMC-18-11	141.1	142.05	0.95	S00354706	5620	12.2	0.7	10.7	15	4.57	1180	9	3970	0.02	22	2.88	0.5	21.3
MMC-18-11	142.05	142.93	0.88	S00354707	5380	12.2	0.8	10.4	15	5	1330	10	4310	0.04	21	3.14	1	25.1
MMC-18-11	142.93	143.51	0.58	S00354708	5060	11.1	0.6	10.3	17	4.53	1160	9	3790	0.03	22	1.93	0.5	22.2
MMC-18-11	143.51	144.54	1.03	S00354709	4500	12.2	0.7	12.7	15	4.87	1200	9	4570	0.04	26	2.23	5	23.3
MMC-18-11	144.54	145.54	1	S00354711	5850	12.1	0.7	10.8	16	4.43	1220	7	4580	0.04	24	2.29	1	23.5
MMC-18-11	145.54	146.7	1.16	S00354712	5750	12.6	0.5	10.3	14	3.94	1140	7	4010	0.03	19	2.26	0.5	21.4
MMC-18-11	146.7	147.74	1.04	S00354713	4080	11.7	0.6	9.7	16	4.9	1340	5	3360	0.03	17	1.42	0.5	26.1
MMC-18-11	147.74	148.77	1.03	S00354714	5770	12.5	0.5	9.8	15	4.01	1180	6	4320	0.03	18	2.68	0.5	20.9
MMC-18-11	148.77	149.78	1.01	S00354715	6270	13.3	0.8	10.4	16	3.96	1320	8	4910	0.03	17	3.07	0.5	20.5
MMC-18-11	149.78	150.93	1.15	S00354716	4570	12.4	0.6	10.1	15	3.88	1240	5	3280	0.04	14	1.69	0.5	21.7
MMC-18-11	150.93	152	1.07	S00354717	5190	13	0.7	10.8	18	4.12	1260	5	4440	0.04	10	2.45	0.5	22
MMC-18-11	152	153.05	1.05	S00354718	4120	11.5	0.8	12.7	15	3.81	1330	4	3160	0.04	14	1.78	0.5	23.1
MMC-18-11	153.05	153.55	0.5	S00354719	4240	12.3	0.8	11.4	14	3.96	1290	4	3140	0.04	14	2.1	1	22.9
MMC-18-11	153.55	154.05	0.5	S00354721	1550	9.52	0.7	9.9	13	3.87	1210	2	962	0.03	12	0.5	0.5	22.3
MMC-18-11	154.05	154.3	0.25	S00354722	603	10.3	0.3	114	26	4.43	1110	3	1280	0.04	14	0.5	1	23.3
MMC-18-11	154.3	154.6	0.3	S00354723	58	3.74	0.9	51.5	10	1.38	530	2	231	0.03	32	0.5	0.5	28
MMC-18-11	154.6	155.63	1.03	S00354724	3330	12.1	0.6	14.2	17	3.9	1260	8	2840	0.05	12	1.3	1	22
MMC-18-11	155.63	156.6	0.97	S00354725	3190	12.2	0.6	10.7	17	4.56	1420	8	3210	0.05	11	1.59	0.5	26.1
MMC-18-11	156.6	157.58	0.98	S00354726	1060	10.4	0.6	11.1	15	4.02	1290	4	759	0.03	12	0.5	0.5	24.4
MMC-18-11	157.58	158.62	1.04	S00354727	3660	11.8	0.6	9.3	15	4.36	1390	7	2920	0.03	12	2.02	0.5	24.8
MMC-18-11	158.62	159.68	1.06	S00354728	3960	10.9	0.7	8.8	14	3.66	1160	5	3200	0.03	14	2.05	0.5	22
MMC-18-11	159.68	160.64	0.96	S00354729	5430	11.8	0.4	9	12	3.78	1130	5	4630	0.02	15	3.28	0.5	21.9
MMC-18-11	160.64	161.79	1.15	S00354731	5700	11.5	0.6	10	13	3.32	1270	4	5010	0.02	15	2.8	0.5	23.9
MMC-18-11	161.79	162.81	1.02	S00354732	6270	13.1	0.6	9.8	13	2.97	1190	10	4680	0.03	13	3.05	0.5	21
MMC-18-11	162.81	163.85	1.04	S00354733	5690	12.9	0.8	10.9	15	3.65	1310	8	4410	0.04	12	2.7	0.5	24.4
MMC-18-11	163.85	165.05	1.2	S00354734	4780	12	0.9	12.3	15	3.59	1180	7	3720	0.04	10	2.36	0.5	22.7
MMC-18-11	165.05	165.98	0.93	S00354735	2950	10.6	0.5	8.8	17	4.04	1270	5	1610	0.04	10	1.39	0.5	23.1
MMC-18-11	165.98	166.74	0.76	S00354736	187	7.88	0.1	10.7	11	3.53	1230	5	187	0.03	11	0.5	0.5	27.8
MMC-18-11	166.74	167.35	0.61	S00354737	4890	9.24	0.2	19	11	3.19	1070	4	1630	0.05	12	1.59	1	23.6
MMC-18-11	167.35	168.33	0.98	S00354739	5900	9.94	0.6	12.1	10	3.28	1100	5	2710	0.02	12	2.37	0.5	22.9
MMC-18-11	168.33	169.38	1.05	S00354741	3240	9.36	0.5	11.1	12	3.43	1210	5	1940	0.03	10	1.28	0.5	24.8
MMC-18-11	169.38	170.33	0.95	S00354742	622	7.57	0.3	10.5	11	2.94	1110	4	504	0.04	10	0.5	0.5	25.7
MMC-18-11	170.33	170.79	0.46	S00354743	651	7.72	0.1	8.4	9	2.29	1140	4	1190	0.03	8	1.41	0.5	26.6
MMC-18-11	170.79	171.89	1.1	S00354744	264	8.75	0.6	13.6	19	3.46	1190	6	104	0.05	9	0.5	0.5	23.9
MMC-18-11	171.89	172.85	0.96	S00354745	366	8.89	0.9	12.9	15	3.63	1420	5	109	0.05	10	0.5	0.5	27.5
MMC-18-11	172.85	173.89	1.04	S00354746	331	8.79	0.4	10.8	12	3.45	1190	2	102	0.04	9	0.5	1	25
MMC-18-11	173.89	175.06	1.17	S00354747	592	9.16	0.6	9.5	14	3.62	1210	1	163	0.05	9	0.5	0.5	24.9
MMC-18-11	175.06	176	0.94	S00354748	647	7.88	0.6	11.1	12	3.45	1120	1	241	0.05	9	0.5	0.5	25.4
MMC-18-11	176	177.13	1.13	S00354749	10	8.73	0.6	13.5	22	3.93	1270	1	230	0.06	8	0.5	0.5	24.2
MMC-18-11	177.13	178.1	0.97	S00354751	523	9.31	0.9	14.2	20	4.01	1180	1	1100	0.05	9	0.5	0.5	19.9
MMC-18-11	178.1	178.63	0.53	S00354752	1780	10.1	0.8	11.6	14	4.05	1350	3	1810	0.05	9	1.21	0.5	24.8

Hole number	From	To	LENGTH	Sample Number	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT
MMC-18-11	178.63	178.93	0.3	S00354753	1500	5.16	0.5	30.2	7	2.22	770	3	434	0.06	12	0.5	0.5	25.5
MMC-18-11	178.93	179.67	0.74	S00354754	401	8.37	0.6	15.3	14	3.93	1260	1	568	0.04	10	0.5	0.5	22.1
MMC-18-11	179.67	180.67	1	S00354755	4590	9.98	0.4	12.2	9	3.61	1130	5	3070	0.03	10	1.92	0.5	21.9
MMC-18-11	180.67	181.84	1.17	S00354756	1780	9.1	0.3	13.2	9	3.95	1300	2	1250	0.03	8	0.5	0.5	23.1
MMC-18-11	181.84	182.85	1.01	S00354757	5940	11.6	0.5	8.5	9	3.67	1230	3	5320	0.02	9	2.99	0.5	22.3
MMC-18-11	182.85	183.43	0.58	S00354758	1110	8.67	0.4	8.1	10	3.82	1210	1	1030	0.03	9	0.5	0.5	22.1
MMC-18-11	183.43	183.98	0.55	S00354759	851	8.22	0.3	12.5	9	3.74	1350	1	840	0.03	9	0.5	0.5	22.4
MMC-18-11	183.98	184.36	0.38	S00354761	1230	7.21	0.3	13.4	7	3.22	1180	1	635	0.03	12	0.5	0.5	22.2
MMC-18-11	184.36	185.37	1.01	S00354762	524	7.82	0.6	10.5	9	3.89	1300	1	446	0.02	11	0.5	0.5	24.6
MMC-18-11	185.37	186.37	1	S00354763	138	7.58	0.5	10.3	9	3.8	1260	1	143	0.02	10	0.5	0.5	23.1
MMC-18-11	186.37	187.46	1.09	S00354764	1160	8.23	0.5	9.3	9	4.14	1320	2	975	0.03	10	0.5	0.5	24.3
MMC-18-11	187.46	188.57	1.11	S00354765	6210	11.3	0.3	8.4	8	3.63	1290	3	4810	0.02	10	2.4	1	21.6
MMC-18-11	188.57	189.66	1.09	S00354766	1480	9.1	0.6	7.8	10	3.88	1320	2	1540	0.02	9	0.5	1	21.2
MMC-18-11	189.66	190.69	1.03	S00354768	91	8.05	0.6	9.8	10	4.07	1380	1	114	0.04	8	0.5	0.5	23
MMC-18-11	190.69	191.7	1.01	S00354769	146	8.36	0.5	11.6	9	4.01	1350	3	110	0.04	8	0.5	0.5	23.6
MMC-18-11	191.7	192.74	1.04	S00354771	108	8.54	0.6	9.7	10	3.95	1410	1	106	0.03	9	0.5	0.5	23.8
MMC-18-11	192.74	193.77	1.03	S00354772	85	8.26	0.7	10.6	11	3.9	1350	1	124	0.04	11	0.5	0.5	23.2
MMC-18-11	193.77	194.09	0.32	S00354773	36	7.44	0.4	9.8	7	3.3	1230	1	168	0.03	13	0.5	0.5	22.6
MMC-18-11	194.09	195.16	1.07	S00354774	81	7.75	0.7	10.5	10	4.13	1400	1	127	0.03	9	0.5	0.5	25.1
MMC-18-11	195.16	196.16	1	S00354775	110	7.55	0.6	9.8	10	4.12	1300	1	115	0.03	8	0.5	0.5	22.5
MMC-18-11	196.16	197.18	1.02	S00354776	162	8.35	0.5	9.3	9	4.31	1340	1	125	0.03	8	0.5	0.5	23.9
MMC-18-11	197.18	198.26	1.08	S00354777	137	7.49	0.7	10.1	9	4.32	1250	1	138	0.03	8	0.5	0.5	23.6
MMC-18-11	198.26	199	0.74	S00354778	268	7.6	0.6	9	8	4.49	1290	1	187	0.03	9	0.5	0.5	21.6
MMC-18-11	199	199.66	0.66	S00354779	3110	10.2	0.4	8.7	8	4.03	1240	1	3010	0.03	8	1.91	0.5	18.8
MMC-18-11	199.66	200.68	1.02	S00354781	2180	9.9	0.5	9.7	9	4.58	1390	1	1650	0.04	8	0.5	0.5	21.2
MMC-18-11	200.68	201.63	0.95	S00354783	437	7.97	0.4	10.3	11	4.52	1370	1	430	0.03	8	0.5	0.5	21.6
MMC-18-11	201.63	202.37	0.74	S00354784	87	8.68	0.5	10.2	9	4.79	1480	1	207	0.04	9	0.5	0.5	22.2
MMC-18-11	202.37	203.69	1.32	S00354785	10	9.82	1.6	11.5	25	5.3	1640	1	262	0.04	8	0.5	0.5	18.5
MMC-18-11	203.69	204.82	1.13	S00354786	23	8.38	0.9	9.6	15	4.62	1460	1	257	0.03	7	0.5	0.5	20.4
MMC-18-11	204.82	206.01	1.19	S00354787	103	7.69	0.6	10	8	4.53	1340	1	130	0.03	9	0.5	0.5	22
MMC-18-11	206.01	209.96	3.95	S00354788	112	8.18	0.6	10.2	10	4.61	1320	1	150	0.03	9	0.5	0.5	21.2



Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-11	22.49	23.65	1.16	S00354599	0.5	30	0.5	0.2	76	11	8	0.9	67		0.00165	0.0045
MMC-18-11	23.65	24.45	0.8	S00354601	0.5	30	0.5	0.13	62	2.5	4.3	0.6	20		0.00112	0.0058
MMC-18-11	24.45	25.64	1.19	S00354602	0.5	20	0.5	0.1	40	2.5	3.5	0.5	17		0.00082	0.0014
MMC-18-11	25.64	27.26	1.62	S00354603	0.5	20	0.5	0.2	111	2.5	6.5	0.8	40		0.00147	0.004
MMC-18-11	27.26	28.67	1.41	S00354604	4	30	4	0.29	51	2.5	7.7	0.9	52		0.00132	0.0017
MMC-18-11	28.67	29.7	1.03	S00354605	1	10	0.5	0.04	8	2.5	3.1	0.4	60		0.00034	0.0012
MMC-18-11	29.7	30.7	1	S00354606	3	10	0.5	0.11	21	2.5	6.2	0.8	245		0.00062	0.0025
MMC-18-11	30.7	31.81	1.11	S00354607	0.5	10	0.5	0.13	27	2.5	6	0.7	42		0.00071	0.0025
MMC-18-11	31.81	32.81	1	S00354608	0.5	10	0.5	0.11	21	2.5	7.6	0.8	46		0.00059	0.0035
MMC-18-11	32.81	33.85	1.04	S00354609	0.5	20	0.5	0.22	60	2.5	7.8	1	76		0.00118	0.0018
MMC-18-11	33.85	34.91	1.06	S00354611	2	10	0.5	0.04	14	2.5	1.9	0.3	45		0.00184	0.0091
MMC-18-11	34.91	36.22	1.31	S00354612	0.5	120	0.5	0.67	243	2.5	14.9	1.8	84		0.00435	0.0026
MMC-18-11	43.03	44.09	1.06	S00354613	0.5	170	0.5	0.46	294	2.5	13.2	1.6	77		0.00417	0.0086
MMC-18-11	44.09	45.16	1.07	S00354614	0.5	200	0.5	0.43	308	2.5	12.7	1.5	74		0.00543	0.013
MMC-18-11	45.16	46.12	0.96	S00354615	3	210	0.5	0.42	322	2.5	13.2	1.6	75		0.00555	0.0183
MMC-18-11	46.12	47.12	1	S00354616	2	200	0.5	0.39	311	2.5	13.2	1.6	76		0.00559	0.0184
MMC-18-11	47.12	48.16	1.04	S00354617	4	190	0.5	0.43	302	2.5	12.8	1.5	95		0.00589	0.0168
MMC-18-11	48.16	49.32	1.16	S00354618	5	180	0.5	0.46	279	2.5	12.6	1.5	77		0.0042	0.0089
MMC-18-11	65.45	66.54	1.09	S00354619	1	160	0.5	0.51	226	2.5	11.4	1.4	105		0.00364	0.0081
MMC-18-11	66.54	67.58	1.04	S00354621	0.5	160	0.5	0.53	222	2.5	10.3	1.4	93		0.00356	0.0041
MMC-18-11	67.58	68.71	1.13	S00354622	4	200	0.5	0.63	230	2.5	14.9	1.8	104		0.00368	0.0049
MMC-18-11	68.71	69.73	1.02	S00354623	4	200	0.5	0.49	240	2.5	16.6	2	105		0.00373	0.0067
MMC-18-11	69.73	70.73	1	S00354624	4	210	0.5	0.48	257	2.5	16.4	2	106		0.00382	0.0079
MMC-18-11	70.73	71.99	1.26	S00354625	1	200	0.5	0.48	268	2.5	16.4	1.9	109		0.0042	0.0072
MMC-18-11	71.99	72.96	0.97	S00354626	1	190	0.5	0.41	264	2.5	16.8	1.9	106		0.00359	0.0089
MMC-18-11	72.96	74.01	1.05	S00354627	1	180	0.5	0.38	284	2.5	20.3	2.2	104		0.0039	0.0055
MMC-18-11	74.01	75.04	1.03	S00354628	2	210	0.5	0.34	292	2.5	21.7	2.7	129		0.0038	0.0151
MMC-18-11	75.04	76	0.96	S00354629	2	250	0.5	0.66	169	2.5	28.1	3.1	113		0.00319	0.013
MMC-18-11	76	77.02	1.02	S00354631	2	250	0.5	0.84	182	2.5	28	3.1	141		0.00328	0.0122
MMC-18-11	77.02	78.05	1.03	S00354632	2	230	0.5	0.88	209	2.5	25.3	2.9	116		0.00347	0.0078
MMC-18-11	78.05	79.02	0.97	S00354633	2	270	0.5	0.85	195	2.5	26.1	3	103		0.00385	0.0167
MMC-18-11	79.02	80.01	0.99	S00354634	2	310	0.5	0.84	209	2.5	25.8	2.9	113		0.00362	0.0159
MMC-18-11	80.01	80.99	0.98	S00354635	2	280	0.5	0.89	194	2.5	25.8	2.9	212		0.00367	0.0177
MMC-18-11	80.99	82.02	1.03	S00354636	2	190	0.5	0.79	178	2.5	20.8	2.4	121		0.00257	0.0063
MMC-18-11	82.02	83.02	1	S00354637	2	180	0.5	0.95	239	2.5	23.4	2.7	119		0.00356	0.0095
MMC-18-11	83.02	83.97	0.95	S00354638	8	180	0.5	0.86	226	2.5	22.9	2.7	126		0.00435	0.0073
MMC-18-11	83.97	84.66	0.69	S00354639	7	190	0.5	0.85	204	2.5	24.1	2.8	118		0.00365	0.0084
MMC-18-11	84.66	85.66	1	S00354641	2	190	0.5	0.85	193	2.5	25.9	2.9	123		0.00359	0.0092
MMC-18-11	85.66	86.66	1	S00354642	2	200	0.5	0.81	195	2.5	25.1	2.8	123		0.00355	0.0075
MMC-18-11	86.66	87.71	1.05	S00354643	5	180	0.5	0.93	227	2.5	22.2	2.5	134		0.00422	0.0108
MMC-18-11	87.71	88.54	0.83	S00354644	5	180	0.5	0.97	270	2.5	18.2	2.1	136		0.00423	0.0076
MMC-18-11	88.54	89.6	1.06	S00354645	4	180	0.5	0.73	246	2.5	17.9	2	134		0.00466	0.0092
MMC-18-11	89.6	90.63	1.03	S00354646	1	210	0.5	0.67	288	2.5	16.3	1.9	128		0.00566	0.0177
MMC-18-11	90.63	91.73	1.1	S00354647	1	230	0.5	0.65	207	2.5	14.5	1.7	125		0.00455	0.0094
MMC-18-11	91.73	92.83	1.1	S00354648	1	200	0.5	0.69	211	2.5	14.4	1.7	101		0.00453	0.0104

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-11	92.83	93.84	1.01	S00354649	0.5	180	0.5	0.28	230	2.5	12.6	1.4	89		0.00536	0.0133
MMC-18-11	93.84	94.81	0.97	S00354651	0.5	180	0.5	0.35	280	2.5	12.9	1.3	116		0.0067	0.0334
MMC-18-11	94.81	95.81	1	S00354652	0.5	180	0.5	0.36	313	2.5	12.9	1.5	116		0.00533	0.0199
MMC-18-11	95.81	96.78	0.97	S00354653	0.5	200	0.5	0.35	335	2.5	12.4	1.4	107		0.00862	0.0346
MMC-18-11	96.78	97.79	1.01	S00354654	0.5	200	1	0.58	413	2.5	17.4	1.8	126		0.0285	0.077
MMC-18-11	97.79	98.75	0.96	S00354655	0.5	180	3	0.51	338	2.5	17.3	2	96		0.0196	0.117
MMC-18-11	98.75	99.71	0.96	S00354656	0.5	180	1	0.42	362	2.5	14.1	1.6	87		0.0114	0.0519
MMC-18-11	99.71	100.74	1.03	S00354657	0.5	180	2	0.36	373	2.5	12.4	1.4	86		0.0142	0.0774
MMC-18-11	100.74	101.72	0.98	S00354658	0.5	170	2	0.43	364	2.5	13.6	1.6	89		0.0175	0.14
MMC-18-11	101.72	102.74	1.02	S00354659	0.5	170	2	0.41	349	2.5	13.6	1.5	82		0.0159	0.0861
MMC-18-11	102.74	103.08	0.34	S00354661	0.5	40	0.5	0.16	117	2.5	6.5	0.7	47		0.00781	0.0957
MMC-18-11	103.08	104.02	0.94	S00354662	1	180	2	0.42	332	2.5	15	1.7	101		0.0156	0.326
MMC-18-11	104.02	105.15	1.13	S00354663	1	180	4	0.44	272	2.5	13.8	1.5	79		0.032	0.156
MMC-18-11	105.15	105.83	0.68	S00354664	0.5	90	6	0.4	361	2.5	13.6	1.5	94		0.0393	0.213
MMC-18-11	105.83	106.88	1.05	S00354665	1	160	4	0.39	292	2.5	12.1	1.3	106		0.0237	0.216
MMC-18-11	106.88	107.92	1.04	S00354666	1	140	8	0.35	291	2.5	10.8	1.3	119		0.0454	0.577
MMC-18-11	107.92	108.9	0.98	S00354667	0.5	130	5	0.32	316	2.5	9.5	1.1	118		0.0414	0.481
MMC-18-11	108.9	109.97	1.07	S00354668	1	140	6	0.34	332	2.5	10.4	1.2	121		0.0304	0.497
MMC-18-11	109.97	111.03	1.06	S00354669	1	140	8	0.35	349	2.5	10.5	1.2	122		0.0309	0.603
MMC-18-11	111.03	112.04	1.01	S00354671	1	130	6	0.32	350	2.5	10.2	1.1	112		0.0341	0.537
MMC-18-11	112.04	113.16	1.12	S00354672	1	130	7	0.33	372	2.5	10.9	1.2	119		0.0387	0.607
MMC-18-11	113.16	114.19	1.03	S00354673	2	140	6	0.38	352	2.5	11.3	1.3	117		0.0244	0.518
MMC-18-11	114.19	115.24	1.05	S00354674	2	140	9	0.38	362	2.5	11.8	1.3	111		0.0333	0.616
MMC-18-11	115.24	116.25	1.01	S00354675	2	140	8	0.36	369	2.5	12.4	1.3	115		0.0322	0.589
MMC-18-11	116.25	117.37	1.12	S00354676	2	140	7	0.36	368	2.5	11.3	1.3	120		0.0335	0.602
MMC-18-11	117.37	118.38	1.01	S00354677	2	130	7	0.36	392	2.5	11.4	1.2	134		0.0327	0.651
MMC-18-11	118.38	119.33	0.95	S00354678	2	130	8	0.36	378	2.5	11.4	1.2	128		0.0351	0.714
MMC-18-11	119.33	120.35	1.02	S00354681	2	120	7	0.35	383	2.5	10.6	1.2	126		0.0342	0.734
MMC-18-11	120.35	121.3	0.95	S00354682	2	110	7	0.38	423	2.5	10.9	1.3	133		0.0383	0.763
MMC-18-11	121.3	122.28	0.98	S00354683	2	90	8	0.35	411	2.5	11.6	1.2	126		0.0333	0.729
MMC-18-11	122.28	123.3	1.02	S00354684	2	90	7	0.36	412	2.5	11	1.3	119		0.0354	0.621
MMC-18-11	123.3	124.32	1.02	S00354685	2	90	7	0.34	400	2.5	10.1	1.2	116		0.0364	0.641
MMC-18-11	124.32	125.3	0.98	S00354686	2	90	6	0.33	416	2.5	9.8	1.1	119		0.0342	0.64
MMC-18-11	125.3	126.33	1.03	S00354687	2	110	7	0.36	412	2.5	10.5	1.1	122		0.0348	0.604
MMC-18-11	126.33	127.35	1.02	S00354688	2	100	6	0.38	407	2.5	10.8	1.2	124		0.0321	0.622
MMC-18-11	127.35	128.41	1.06	S00354689	2	90	6	0.4	397	2.5	11.6	1.2	120		0.0292	0.592
MMC-18-11	128.41	129.42	1.01	S00354691	2	80	6	0.4	346	2.5	13.9	1.5	126		0.0258	0.527
MMC-18-11	129.42	130.42	1	S00354692	2	90	7	0.43	351	2.5	15	1.5	145		0.0339	0.677
MMC-18-11	130.42	131.46	1.04	S00354693	2	110	6	0.42	426	2.5	14.8	1.3	137		0.0315	0.593
MMC-18-11	131.46	132.45	0.99	S00354694	2	180	3	0.33	400	2.5	11	1.1	106		0.0164	0.302
MMC-18-11	132.45	133.47	1.02	S00354695	1	170	3	0.4	413	2.5	14	1.3	118		0.0205	0.326
MMC-18-11	133.47	134.47	1	S00354696	2	160	4	0.43	332	2.5	12.1	1.5	114		0.0222	0.412
MMC-18-11	134.47	135.45	0.98	S00354697	4	260	5	0.39	273	2.5	12.4	1.4	129		0.0175	0.739
MMC-18-11	135.45	136.51	1.06	S00354698	4	210	4	0.34	296	2.5	12.4	1.2	110		0.0221	0.445
MMC-18-11	136.51	137.59	1.08	S00354699	1	200	4	0.39	262	2.5	13.9	1.5	100		0.0226	0.412

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-11	137.59	138.62	1.03	S00354701	2	190	7	0.33	241	2.5	11.8	1.4	95		0.0282	0.652
MMC-18-11	138.62	139.59	0.97	S00354702	2	200	5	0.31	207	2.5	12.3	1.3	97		0.0272	0.597
MMC-18-11	139.59	140.6	1.01	S00354703	2	180	5	0.33	179	2.5	11.6	1.3	93		0.0244	0.551
MMC-18-11	140.6	141.1	0.5	S00354704	2	220	4	0.32	174	2.5	10.8	1.3	89		0.0205	0.485
MMC-18-11	141.1	142.05	0.95	S00354706	2	160	5	0.34	190	2.5	11.7	1.4	92		0.0245	0.562
MMC-18-11	142.05	142.93	0.88	S00354707	2	180	5	0.4	216	2.5	13.3	1.4	103		0.0276	0.538
MMC-18-11	142.93	143.51	0.58	S00354708	2	170	4	0.37	215	2.5	14.2	1.4	89		0.0183	0.506
MMC-18-11	143.51	144.54	1.03	S00354709	2	170	6	0.41	214	2.5	12	1.4	91		0.0881	0.45
MMC-18-11	144.54	145.54	1	S00354711	2	180	5	0.41	227	2.5	16.1	1.5	99		0.0348	0.585
MMC-18-11	145.54	146.7	1.16	S00354712	2	180	5	0.39	188	2.5	13	1.4	95		0.0214	0.575
MMC-18-11	146.7	147.74	1.04	S00354713	2	180	4	0.37	266	2.5	14	1.4	100		0.0231	0.408
MMC-18-11	147.74	148.77	1.03	S00354714	2	160	5	0.39	203	2.5	12.2	1.4	96		0.0267	0.577
MMC-18-11	148.77	149.78	1.01	S00354715	1	140	5	0.47	215	2.5	14.4	1.6	110		0.0301	0.627
MMC-18-11	149.78	150.93	1.15	S00354716	2	130	4	0.42	193	2.5	13.1	1.5	91		0.0192	0.457
MMC-18-11	150.93	152	1.07	S00354717	2	110	5	0.46	212	2.5	15.9	1.6	106		0.0236	0.519
MMC-18-11	152	153.05	1.05	S00354718	2	180	4	0.52	213	2.5	17.7	1.9	100		0.0195	0.412
MMC-18-11	153.05	153.55	0.5	S00354719	2	150	4	0.46	212	2.5	14.5	1.7	94		0.0214	0.424
MMC-18-11	153.55	154.05	0.5	S00354721	9	120	1	0.4	227	2.5	13.9	1.5	82		0.0102	0.155
MMC-18-11	154.05	154.3	0.25	S00354722	1	150	1	0.46	283	2.5	23.4	1.9	83		0.0158	0.0603
MMC-18-11	154.3	154.6	0.3	S00354723	0.5	250	0.5	0.45	125	2.5	10.9	1.2	37		0.0023	0.0058
MMC-18-11	154.6	155.63	1.03	S00354724	2	130	3	0.45	201	2.5	17	1.6	101		0.0177	0.333
MMC-18-11	155.63	156.6	0.97	S00354725	2	150	3	0.51	244	2.5	18.5	1.7	112		0.0221	0.319
MMC-18-11	156.6	157.58	0.98	S00354726	1	160	0.5	0.47	234	2.5	14.3	1.6	89		0.00993	0.106
MMC-18-11	157.58	158.62	1.04	S00354727	1	170	3	0.49	242	2.5	15.4	1.5	106		0.0181	0.366
MMC-18-11	158.62	159.68	1.06	S00354728	1	140	4	0.31	188	2.5	12.1	1.3	88		0.0205	0.396
MMC-18-11	159.68	160.64	0.96	S00354729	1	160	6	0.29	203	2.5	13.3	1.4	89		0.0282	0.543
MMC-18-11	160.64	161.79	1.15	S00354731	2	200	5	0.32	196	2.5	12.9	1.3	108		0.0272	0.57
MMC-18-11	161.79	162.81	1.02	S00354732	2	180	6	0.44	189	2.5	13.2	1.4	107		0.0263	0.627
MMC-18-11	162.81	163.85	1.04	S00354733	7	200	5	0.51	209	2.5	19	1.6	111		0.0251	0.569
MMC-18-11	163.85	165.05	1.2	S00354734	7	160	4	0.49	190	2.5	19	1.7	115		0.0194	0.478
MMC-18-11	165.05	165.98	0.93	S00354735	6	170	0.5	0.43	211	2.5	16	1.5	109		0.0129	0.295
MMC-18-11	165.98	166.74	0.76	S00354736	0.5	210	0.5	0.5	209	2.5	16.1	1.6	70		0.00502	0.0187
MMC-18-11	166.74	167.35	0.61	S00354737	1	210	2	0.45	184	2.5	17.2	1.5	105		0.015	0.489
MMC-18-11	167.35	168.33	0.98	S00354739	1	200	3	0.29	199	2.5	13.4	1.5	101		0.0188	0.59
MMC-18-11	168.33	169.38	1.05	S00354741	2	200	2	0.43	210	2.5	16.6	1.5	103		0.0123	0.324
MMC-18-11	169.38	170.33	0.95	S00354742	1	220	0.5	0.42	186	2.5	16.3	1.5	71		0.00537	0.0622
MMC-18-11	170.33	170.79	0.46	S00354743	1	170	0.5	0.42	144	2.5	12.7	1.3	69		0.00795	0.0651
MMC-18-11	170.79	171.89	1.1	S00354744	1	180	0.5	0.58	192	2.5	21.9	1.9	86		0.00559	0.0264
MMC-18-11	171.89	172.85	0.96	S00354745	1	220	0.5	0.57	221	2.5	20.1	1.9	106		0.00573	0.0366
MMC-18-11	172.85	173.89	1.04	S00354746	1	210	0.5	0.51	213	2.5	19.2	1.6	88		0.00515	0.0331
MMC-18-11	173.89	175.06	1.17	S00354747	5	200	0.5	0.48	222	2.5	17.1	1.6	92		0.00484	0.0592
MMC-18-11	175.06	176	0.94	S00354748	1	220	0.5	0.52	222	2.5	18.4	1.7	89		0.00446	0.0647
MMC-18-11	176	177.13	1.13	S00354749	1	200	0.5	0.65	275	2.5	23	1.9	91		0.00417	0.001
MMC-18-11	177.13	178.1	0.97	S00354751	1	210	0.5	0.58	215	2.5	18.6	1.8	100		0.00806	0.0523
MMC-18-11	178.1	178.63	0.53	S00354752	1	210	2	0.55	260	2.5	17	1.5	123		0.0145	0.178

Hole number	From	To	LENGTH	Sample Number	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%
MMC-18-11	178.63	178.93	0.3	S00354753	0.5	230	0.5	0.39	135	2.5	17.8	1.6	65		0.00509	0.15
MMC-18-11	178.93	179.67	0.74	S00354754	1	210	0.5	0.58	236	2.5	14.8	1.5	98		0.00664	0.0401
MMC-18-11	179.67	180.67	1	S00354755	1	210	4	0.36	208	2.5	13.8	1.2	97		0.0175	0.459
MMC-18-11	180.67	181.84	1.17	S00354756	1	160	1	0.44	277	2.5	17.4	1.8	90		0.00952	0.178
MMC-18-11	181.84	182.85	1.01	S00354757	0.5	200	6	0.41	211	2.5	13.5	1.3	127		0.0257	0.594
MMC-18-11	182.85	183.43	0.58	S00354758	0.5	180	1	0.37	175	2.5	11.7	1.2	85		0.00762	0.111
MMC-18-11	183.43	183.98	0.55	S00354759	1	170	0.5	0.58	259	2.5	15.7	1.5	84		0.00758	0.0851
MMC-18-11	183.98	184.36	0.38	S00354761	0.5	210	0.5	0.53	218	2.5	12.2	1.4	76		0.00731	0.123
MMC-18-11	184.36	185.37	1.01	S00354762	0.5	240	0.5	0.46	224	2.5	13.6	1.5	82		0.00702	0.0524
MMC-18-11	185.37	186.37	1	S00354763	0.5	200	0.5	0.41	199	2.5	12.5	1.5	77		0.00584	0.0138
MMC-18-11	186.37	187.46	1.09	S00354764	0.5	230	0.5	0.37	235	2.5	12.4	1.3	89		0.0104	0.116
MMC-18-11	187.46	188.57	1.11	S00354765	1	190	5	0.43	201	2.5	11.4	1.2	109		0.021	0.621
MMC-18-11	188.57	189.66	1.09	S00354766	0.5	190	2	0.44	213	2.5	11	1	91		0.012	0.148
MMC-18-11	189.66	190.69	1.03	S00354768	0.5	200	0.5	0.47	213	2.5	14.5	1.6	89		0.00592	0.0091
MMC-18-11	190.69	191.7	1.01	S00354769	0.5	190	0.5	0.44	208	2.5	15.1	1.5	89		0.00523	0.0146
MMC-18-11	191.7	192.74	1.04	S00354771	0.5	200	0.5	0.5	215	2.5	14.5	1.6	93		0.00509	0.0108
MMC-18-11	192.74	193.77	1.03	S00354772	0.5	180	0.5	0.48	214	2.5	15.9	1.6	97		0.00513	0.0085
MMC-18-11	193.77	194.09	0.32	S00354773	0.5	210	0.5	0.43	198	2.5	13.4	1.5	74		0.00393	0.0036
MMC-18-11	194.09	195.16	1.07	S00354774	0.5	200	0.5	0.51	224	2.5	15	1.6	94		0.00536	0.0081
MMC-18-11	195.16	196.16	1	S00354775	0.5	170	0.5	0.4	222	2.5	14.2	1.6	92		0.00502	0.011
MMC-18-11	196.16	197.18	1.02	S00354776	1	180	0.5	0.42	234	2.5	15	1.5	91		0.00497	0.0162
MMC-18-11	197.18	198.26	1.08	S00354777	0.5	180	0.5	0.43	243	2.5	15.9	1.6	92		0.00479	0.0137
MMC-18-11	198.26	199	0.74	S00354778	0.5	180	0.5	0.43	240	2.5	15.4	1.5	94		0.00489	0.0268
MMC-18-11	199	199.66	0.66	S00354779	0.5	150	0.5	0.44	225	2.5	13.9	1.5	102		0.0188	0.311
MMC-18-11	199.66	200.68	1.02	S00354781	1	160	0.5	0.45	250	2.5	15.4	1.5	116		0.0116	0.218
MMC-18-11	200.68	201.63	0.95	S00354783	0.5	170	0.5	0.46	244	2.5	14.9	1.5	91		0.00573	0.0437
MMC-18-11	201.63	202.37	0.74	S00354784	0.5	190	0.5	0.48	280	2.5	16.1	1.6	99		0.00509	0.0087
MMC-18-11	202.37	203.69	1.32	S00354785	0.5	160	0.5	0.56	300	2.5	16.4	1.8	125		0.00539	0.001
MMC-18-11	203.69	204.82	1.13	S00354786	6	190	0.5	0.43	233	2.5	15.1	1.4	92		0.00445	0.0023
MMC-18-11	204.82	206.01	1.19	S00354787	5	170	0.5	0.44	236	2.5	13.9	1.6	85		0.00502	0.0103
MMC-18-11	206.01	209.96	3.95	S00354788	5	160	0.5	0.46	217	2.5	14.5	1.7	88		0.00498	0.0112

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-11	22.49	23.65	1.16	S00354599	0.0045	0.011
MMC-18-11	23.65	24.45	0.8	S00354601	0.0031	0.006
MMC-18-11	24.45	25.64	1.19	S00354602	0.0023	0.0065
MMC-18-11	25.64	27.26	1.62	S00354603	0.0048	0.0075
MMC-18-11	27.26	28.67	1.41	S00354604	0.0037	0.006
MMC-18-11	28.67	29.7	1.03	S00354605	0.0006	0.006
MMC-18-11	29.7	30.7	1	S00354606	0.002	0.006
MMC-18-11	30.7	31.81	1.11	S00354607	0.0016	0.006
MMC-18-11	31.81	32.81	1	S00354608	0.0014	0.006
MMC-18-11	32.81	33.85	1.04	S00354609	0.0025	0.006
MMC-18-11	33.85	34.91	1.06	S00354611	0.0059	0.0075
MMC-18-11	34.91	36.22	1.31	S00354612	0.0108	0.0105
MMC-18-11	43.03	44.09	1.06	S00354613	0.0134	0.0105
MMC-18-11	44.09	45.16	1.07	S00354614	0.0194	0.0145
MMC-18-11	45.16	46.12	0.96	S00354615	0.0206	0.0155
MMC-18-11	46.12	47.12	1	S00354616	0.0213	0.0215
MMC-18-11	47.12	48.16	1.04	S00354617	0.0196	0.0135
MMC-18-11	48.16	49.32	1.16	S00354618	0.0112	0.0105
MMC-18-11	65.45	66.54	1.09	S00354619	0.0063	0.0085
MMC-18-11	66.54	67.58	1.04	S00354621	0.006	0.0085
MMC-18-11	67.58	68.71	1.13	S00354622	0.0058	0.0085
MMC-18-11	68.71	69.73	1.02	S00354623	0.007	0.0085
MMC-18-11	69.73	70.73	1	S00354624	0.0067	0.0075
MMC-18-11	70.73	71.99	1.26	S00354625	0.0078	0.0085
MMC-18-11	71.99	72.96	0.97	S00354626	0.0086	0.011
MMC-18-11	72.96	74.01	1.05	S00354627	0.0114	0.0105
MMC-18-11	74.01	75.04	1.03	S00354628	0.0115	0.012
MMC-18-11	75.04	76	0.96	S00354629	0.0041	0.0075
MMC-18-11	76	77.02	1.02	S00354631	0.0027	0.0075
MMC-18-11	77.02	78.05	1.03	S00354632	0.0029	0.0065
MMC-18-11	78.05	79.02	0.97	S00354633	0.0032	0.006
MMC-18-11	79.02	80.01	0.99	S00354634	0.0031	0.0075
MMC-18-11	80.01	80.99	0.98	S00354635	0.0029	0.0075
MMC-18-11	80.99	82.02	1.03	S00354636	0.0029	0.0075
MMC-18-11	82.02	83.02	1	S00354637	0.0036	0.0075
MMC-18-11	83.02	83.97	0.95	S00354638	0.0063	0.0065
MMC-18-11	83.97	84.66	0.69	S00354639	0.003	0.006
MMC-18-11	84.66	85.66	1	S00354641	0.0027	0.0075
MMC-18-11	85.66	86.66	1	S00354642	0.0028	0.007
MMC-18-11	86.66	87.71	1.05	S00354643	0.0033	0.008
MMC-18-11	87.71	88.54	0.83	S00354644	0.0041	0.0085
MMC-18-11	88.54	89.6	1.06	S00354645	0.0087	0.0095
MMC-18-11	89.6	90.63	1.03	S00354646	0.0115	0.0105
MMC-18-11	90.63	91.73	1.1	S00354647	0.006	0.0075
MMC-18-11	91.73	92.83	1.1	S00354648	0.0054	0.0075

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-11	92.83	93.84	1.01	S00354649	0.022	0.033
MMC-18-11	93.84	94.81	0.97	S00354651	0.0407	0.078
MMC-18-11	94.81	95.81	1	S00354652	0.027	0.04
MMC-18-11	95.81	96.78	0.97	S00354653	0.0602	0.103
MMC-18-11	96.78	97.79	1.01	S00354654	0.161	0.331
MMC-18-11	97.79	98.75	0.96	S00354655	0.256	0.383
MMC-18-11	98.75	99.71	0.96	S00354656	0.117	0.162
MMC-18-11	99.71	100.74	1.03	S00354657	0.124	0.185
MMC-18-11	100.74	101.72	0.98	S00354658	0.179	0.269
MMC-18-11	101.72	102.74	1.02	S00354659	0.153	0.261
MMC-18-11	102.74	103.08	0.34	S00354661	0.0635	0.1
MMC-18-11	103.08	104.02	0.94	S00354662	0.175	0.302
MMC-18-11	104.02	105.15	1.13	S00354663	0.44	0.44
MMC-18-11	105.15	105.83	0.68	S00354664	0.574	0.823
MMC-18-11	105.83	106.88	1.05	S00354665	0.322	0.633
MMC-18-11	106.88	107.92	1.04	S00354666	0.608	1.335
MMC-18-11	107.92	108.9	0.98	S00354667	0.566	0.835
MMC-18-11	108.9	109.97	1.07	S00354668	0.507	1.13
MMC-18-11	109.97	111.03	1.06	S00354669	0.564	1.383
MMC-18-11	111.03	112.04	1.01	S00354671	0.633	1.304
MMC-18-11	112.04	113.16	1.12	S00354672	0.686	1.212
MMC-18-11	113.16	114.19	1.03	S00354673	0.398	1.172
MMC-18-11	114.19	115.24	1.05	S00354674	0.626	1.697
MMC-18-11	115.24	116.25	1.01	S00354675	0.617	1.505
MMC-18-11	116.25	117.37	1.12	S00354676	0.655	1.486
MMC-18-11	117.37	118.38	1.01	S00354677	0.593	1.538
MMC-18-11	118.38	119.33	0.95	S00354678	0.667	1.635
MMC-18-11	119.33	120.35	1.02	S00354681	0.605	1.554
MMC-18-11	120.35	121.3	0.95	S00354682	0.706	1.58
MMC-18-11	121.3	122.28	0.98	S00354683	0.616	1.578
MMC-18-11	122.28	123.3	1.02	S00354684	0.67	1.694
MMC-18-11	123.3	124.32	1.02	S00354685	0.662	1.653
MMC-18-11	124.32	125.3	0.98	S00354686	0.608	1.493
MMC-18-11	125.3	126.33	1.03	S00354687	0.635	1.539
MMC-18-11	126.33	127.35	1.02	S00354688	0.566	1.43
MMC-18-11	127.35	128.41	1.06	S00354689	0.51	1.307
MMC-18-11	128.41	129.42	1.01	S00354691	0.477	1.419
MMC-18-11	129.42	130.42	1	S00354692	0.509	1.759
MMC-18-11	130.42	131.46	1.04	S00354693	0.486	1.336
MMC-18-11	131.46	132.45	0.99	S00354694	0.233	0.789
MMC-18-11	132.45	133.47	1.02	S00354695	0.273	0.831
MMC-18-11	133.47	134.47	1	S00354696	0.288	1.078
MMC-18-11	134.47	135.45	0.98	S00354697	0.262	0.883
MMC-18-11	135.45	136.51	1.06	S00354698	0.319	1.116
MMC-18-11	136.51	137.59	1.08	S00354699	0.375	1.151

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-11	137.59	138.62	1.03	S00354701	0.476	1.444
MMC-18-11	138.62	139.59	0.97	S00354702	0.466	1.454
MMC-18-11	139.59	140.6	1.01	S00354703	0.431	1.356
MMC-18-11	140.6	141.1	0.5	S00354704	0.356	1.138
MMC-18-11	141.1	142.05	0.95	S00354706	0.397	1.263
MMC-18-11	142.05	142.93	0.88	S00354707	0.431	1.288
MMC-18-11	142.93	143.51	0.58	S00354708	0.379	1.123
MMC-18-11	143.51	144.54	1.03	S00354709	0.457	1.532
MMC-18-11	144.54	145.54	1	S00354711	0.458	1.517
MMC-18-11	145.54	146.7	1.16	S00354712	0.401	1.328
MMC-18-11	146.7	147.74	1.04	S00354713	0.336	0.938
MMC-18-11	147.74	148.77	1.03	S00354714	0.432	1.446
MMC-18-11	148.77	149.78	1.01	S00354715	0.491	1.738
MMC-18-11	149.78	150.93	1.15	S00354716	0.328	1.151
MMC-18-11	150.93	152	1.07	S00354717	0.444	1.323
MMC-18-11	152	153.05	1.05	S00354718	0.316	0.998
MMC-18-11	153.05	153.55	0.5	S00354719	0.314	1.028
MMC-18-11	153.55	154.05	0.5	S00354721	0.0962	0.342
MMC-18-11	154.05	154.3	0.25	S00354722	0.128	0.379
MMC-18-11	154.3	154.6	0.3	S00354723	0.0231	0.02
MMC-18-11	154.6	155.63	1.03	S00354724	0.284	0.858
MMC-18-11	155.63	156.6	0.97	S00354725	0.321	0.912
MMC-18-11	156.6	157.58	0.98	S00354726	0.0759	0.278
MMC-18-11	157.58	158.62	1.04	S00354727	0.292	0.905
MMC-18-11	158.62	159.68	1.06	S00354728	0.32	1.024
MMC-18-11	159.68	160.64	0.96	S00354729	0.463	1.507
MMC-18-11	160.64	161.79	1.15	S00354731	0.501	1.497
MMC-18-11	161.79	162.81	1.02	S00354732	0.468	1.469
MMC-18-11	162.81	163.85	1.04	S00354733	0.441	1.401
MMC-18-11	163.85	165.05	1.2	S00354734	0.372	1.026
MMC-18-11	165.05	165.98	0.93	S00354735	0.161	0.408
MMC-18-11	165.98	166.74	0.76	S00354736	0.0187	0.029
MMC-18-11	166.74	167.35	0.61	S00354737	0.163	0.557
MMC-18-11	167.35	168.33	0.98	S00354739	0.271	1.03
MMC-18-11	168.33	169.38	1.05	S00354741	0.194	0.716
MMC-18-11	169.38	170.33	0.95	S00354742	0.0504	0.133
MMC-18-11	170.33	170.79	0.46	S00354743	0.119	0.124
MMC-18-11	170.79	171.89	1.1	S00354744	0.0104	0.026
MMC-18-11	171.89	172.85	0.96	S00354745	0.0109	0.0305
MMC-18-11	172.85	173.89	1.04	S00354746	0.0102	0.0285
MMC-18-11	173.89	175.06	1.17	S00354747	0.0163	0.058
MMC-18-11	175.06	176	0.94	S00354748	0.0241	0.089
MMC-18-11	176	177.13	1.13	S00354749	0.023	0.054
MMC-18-11	177.13	178.1	0.97	S00354751	0.11	0.307
MMC-18-11	178.1	178.63	0.53	S00354752	0.181	0.602

Hole number	From	To	LENGTH	Sample Number	Ni%	TPMgpt
MMC-18-11	178.63	178.93	0.3	S00354753	0.0434	0.06
MMC-18-11	178.93	179.67	0.74	S00354754	0.0568	0.131
MMC-18-11	179.67	180.67	1	S00354755	0.307	1.145
MMC-18-11	180.67	181.84	1.17	S00354756	0.125	0.408
MMC-18-11	181.84	182.85	1.01	S00354757	0.532	1.514
MMC-18-11	182.85	183.43	0.58	S00354758	0.103	0.353
MMC-18-11	183.43	183.98	0.55	S00354759	0.084	0.201
MMC-18-11	183.98	184.36	0.38	S00354761	0.0635	0.181
MMC-18-11	184.36	185.37	1.01	S00354762	0.0446	0.121
MMC-18-11	185.37	186.37	1	S00354763	0.0143	0.052
MMC-18-11	186.37	187.46	1.09	S00354764	0.0975	0.352
MMC-18-11	187.46	188.57	1.11	S00354765	0.481	1.442
MMC-18-11	188.57	189.66	1.09	S00354766	0.154	0.46
MMC-18-11	189.66	190.69	1.03	S00354768	0.0114	0.063
MMC-18-11	190.69	191.7	1.01	S00354769	0.011	0.06
MMC-18-11	191.7	192.74	1.04	S00354771	0.0106	0.043
MMC-18-11	192.74	193.77	1.03	S00354772	0.0124	0.02
MMC-18-11	193.77	194.09	0.32	S00354773	0.0168	0.02
MMC-18-11	194.09	195.16	1.07	S00354774	0.0127	0.024
MMC-18-11	195.16	196.16	1	S00354775	0.0115	0.027
MMC-18-11	196.16	197.18	1.02	S00354776	0.0125	0.0205
MMC-18-11	197.18	198.26	1.08	S00354777	0.0138	0.0135
MMC-18-11	198.26	199	0.74	S00354778	0.0187	0.013
MMC-18-11	199	199.66	0.66	S00354779	0.301	0.577
MMC-18-11	199.66	200.68	1.02	S00354781	0.165	0.458
MMC-18-11	200.68	201.63	0.95	S00354783	0.043	0.059
MMC-18-11	201.63	202.37	0.74	S00354784	0.0207	0.033
MMC-18-11	202.37	203.69	1.32	S00354785	0.0262	0.0365
MMC-18-11	203.69	204.82	1.13	S00354786	0.0257	0.105
MMC-18-11	204.82	206.01	1.19	S00354787	0.013	0.055
MMC-18-11	206.01	209.96	3.95	S00354788	0.015	0.025



Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-12	DD	NQ	Marshall Hall	Infill and resource	200	75	200

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-12	MMC-18-12_Header_Core Photos_MMC-18-12_Bx_29-32_125.05-141.19_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_9-12_36.77-54.09_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_5-8_19.26-36.77_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_45-46_188.66-199.86_m_Wet_EOH.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_41-44_171.00-188.66_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_5-8_19.26-36.77_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_45-46_188.66-199.86_m_Dry_EOH.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_29-32_125.05-141.19_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_25-28_101.25-125.05_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_21-24_83.75-101.25_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_37-40_158.50-171.00_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_21-24_83.75-101.25_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_13-16_54.09-66.88_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_13-16_54.09-66.88_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_37-40_158.50-171.00_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_25-28_101.25-125.05_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_33-36_141.19-158.50_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_17-20_66.88-83.75_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_33-36_141.19-158.50_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_1-4_2.83-19.21_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_41-44_171.00-188.66_m_Dry.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_9-12_36.77-54.09_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_17-20_66.88-83.75_m_Wet.JPG   MMC-18-12_Header_Core Photos_MMC-18-12_Bx_1-4_2.83-19.21_m_Wet.JPG	Planned	NAD83 / UTM zone 17N

Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-12	NAD83 / UTM zone 17N	5133649	5133649	436494	436494	323

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-12	Infill	Mt	Coreshed	PAT-42276	2018-11-28	

Hole number	Comments
MMC-18-12	First 7 boxes (32m) is blocky with structures and strong chance of lost core. Measurements in this zone are often reset at next driller block. Drillers reported loss of water pressure around 126m and there is a void space (fault) associated with lost core. Then at 169.7m the drillers reported core lost to hole, however, this is after a series of long runs and continuous measuring to this point and back measuring from the next block indicate no core was lost.

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-12	2018-11-27		J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-12	0	3	Overburden	OB	Core starts at 2.83m
MMC-18-12	3	6.89	Upper Unit	4D	<p>M.g., grey with an irregular white to gray banding mottled with 1-2mm bt grains. A moderate foliation is present at ~45m and defined by bt and compositional banding. Plag grains are sub mm rounded grains, qtz is the but more irregular to interstitial, with a faint blue tinting. Trace po can be seen over unit.</p> <p>Whole unit has a metasomatized appearance, is soft, pock-marked and chloritized</p> <p>Quartz content increases and foliation becomes more defined towards lower portion of unit.</p>
MMC-18-12	6.89	7.4	Metasediments	1C	<p>F. to m.g., creamy whitish-pink, with sericite and silica alteration, rounded qtz grains are readily identifiable within a sericitic matrix, pink tints are attributed to f.g., feldspar grains.</p> <p>Lower contact along fracture</p>
MMC-18-12	7.4	9.41	Upper Unit	4D	<p>Similar to previous unit.</p> <p>M.g., grey with an irregular white to gray banding mottled with 1-2mm bt grains. A moderate foliation is present at ~45m and defined by bt and compositional banding. Plag grains are sub mm rounded grains, qtz is the but more irregular to interstitial, with a faint blue tinting. Trace po occurs as disseminations throughout unit.</p> <p>Rare qtz vns are high angles to ca, and a second style sub-parallel to ca.</p> <p>Near the lower contact there is a fragment of metasediments.</p> <p>Lower contact 50dtca</p>
MMC-18-12	9.41	11.56	Metasediments	1C	<p>Similar to previous 1C.</p> <p>F. to m.g., creamy whitish-pink, with sericite and silica alteration, rounded qtz grains are readily identifiable within a sericitic matrix, pink tints are attributed to f.g., feldspar grains.</p> <p>Along the upper contact there is a qtz vn that is truncated by 4C along the contact.</p> <p>Unit is intercalated with small (&lt;50cm) gabbro dykelets (4C):</p> <p>9.58-9.80m 10.08-10.23m 10.37-10.55m</p> <p>Lower contact at 70.dtca</p>

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-12	11.56	17.09	Upper Unit	4D	<p>Similar to previous.</p> <p>M.g., grey with 1-2mm bt grains. A moderate foliation is present at ~45m and defined by bt and compositional banding. Plag grains are sub mm rounded grains, qtz is the but more irregular to interstitial, with a faint blue tinting. Trace po occurs as disseminations throughout unit.</p> <p>Metasediments are intercalated across unit:  12.18-12.37m  14.15-14.40m  14.72-15.00m  15.64-15.91m</p> <p>Lower contact is gradational with metasediments.</p>
MMC-18-12	17.09	18.33	Metasediments	1A	<p>V.f to f.g., grey to pink/beige, contains a weak bedding to foliation parallel to foliation in overlying 4D. Appears very silicified and is relatively hard.</p> <p>Unit could be a very altered and foliated part of the gabbro sequence, however the obvious gabbro unit b/w this and the shear below suggest that this is not part of the gabbro body.</p> <p>Lower contact at 60dtca</p>
MMC-18-12	18.33	21.8	Structure	SHR	<p>Whole unit appears borderline mylonitic. Consists of well laminated/strongly foliated rock that is a mix of what appears to be heavily foliated gabbro (darker sections) and metasediments (white-pink units). Foliation is inconsistent across unit ranging from 65-80 dtca. locally gouge occurs along slip surfaces and both are noted in higher abundance towards fault beneath unit. On rare fracture faces malachite can be seen. Slip surfaces are also noted to contain local zones of graphite</p> <p>Lower contact is parallel to foliation and poorly defined and assigned to super blocky section with thick zone of gouge.</p>
MMC-18-12	21.8	22	Structure	FLT	<p>protolith is same as bounding shears. Unit is defined by large amounts of gouge and highly fractured core that is starting to develop weak diskings.</p>
MMC-18-12	22	23.52	Structure	SHR	<p>Continuation of above.</p> <p>Gouge occurs near the upper contact in proximity to the fault.</p>
MMC-18-12	23.52	23.88	Breccia	Structural breccia	<p>Matrix dominated by chlorite and white mica housing &lt;1cm to 5cm fragments of quartz and fsp. Locally it has a jigsaw appearance where the chlorite seems to be incorporating the mica as fragments</p>
MMC-18-12	23.88	29	Structure	SHR	<p>continuation of above unit. Contains irregular patches/veins of quartz similar to the breccia (see 27.11-27.47m for example). foliation in the part of shear is consistantly near 80dtca.</p> <p>Lower contact is gradational and defined where bedding becomes obvious and is no longer questionable as foliation.</p>
MMC-18-12	29	30.44	Metasediments	1A	<p>F-m.g., muddy sandstones, interbedded between quartz rich and muddy beds. Quartz rich beds to be larger with minor pebble fragments, and bedded to cross-bedded. The muddy units are darker (generally grey to black) and often occur as smaller beds between the quartzites but can be massive.</p> <p>Trace pocp noted in a qtz vn at 28.10m</p>



Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-12	30.44	30.75	Structure	SHR	weakly developed shear in muddy unit of bounding sediments. It contains an S_C fabric with deformation of qtz grains. trace sulfides disseminated throughout unit.  Possible this small unit is a deformed gabbro dykelet
MMC-18-12	30.75	32.15	Metasediments	1A	Continuation of overlying sediments, but dominated by muddy sandstones.  F-m.g., muddy sandstones, interbedded between quartz rich and muddy beds. Quartz rich beds to be larger with minor pebble fragments, and bedded to cross-bedded. The muddy units are darker (generally grey to black) and often occur as smaller beds between the quartzites but can be massive.  BtQD dykelets: 31.56-31.69m
MMC-18-12	32.15	36.2	Upper Unit	4D	M-c.g., biotite rich (>50%), with plag approximately equal to qtz. Chlorite alteration is moderate to strong giving the unit a greenish colouring. Locally over ~30cm disseminated sulfides can reach up to 0.5% (po>cp).
MMC-18-12	36.2	36.91	Metasediments	1A	Similar to previous units.  F-m.g., muddy sandstones, interbedded between quartz rich and muddy beds. Quartz rich beds to be larger with minor pebble fragments, and bedded to cross-bedded. The muddy units are darker (generally grey to black) and often occur as smaller beds between the quartzites but can be massive.
MMC-18-12	36.91	43.06	Upper Unit	4D	M-c.g., biotite rich (>50%), with plag approximately equal to qtz. Chlorite alteration is moderate to strong giving the unit a greenish colouring. Locally over ~30cm disseminated sulfides can reach up to 0.5% (po>cp).  Contains a metasediment clast that is strongly altered from 36.20-39.24m. Clasts are highly irregular, and patchy over zone. Alteration in btqd is also variable in this zone and associated with locally higher concentrations of po>cp.
MMC-18-12	43.06	46.92	Metasediments	1A	Similar to previous metasediments.  F-m.g., muddy sandstones, interbedded between quartz rich and muddy beds. Quartz rich beds to be larger with minor pebble fragments, and bedded to cross-bedded. The muddy units are darker (generally grey to black) and often occur as smaller beds between the quartzites but can be massive.
MMC-18-12	46.92	56.8	Upper Unit	4D	Similar but not identical to previous units. Start of finer-grained btqd.  M-c.g., with abundant bt and amphibole (combined up to 60-70%), with fine interstitial plag (~20%) and rounded 1-2mm blue qtz grains that locally accumulate (~10%). Irregular patches of sil alteration are common across zone and generally occurs with finely disseminated pocp. However the pocp is also associated with irregular pods of chlorite alteration (also occurring over zone). A handful of metasedimentary clasts are distributed over the zone and are strongly silicified and often contain trace diss pocp.  Lower contact is gradational with underlying gabbro

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-12	56.8	61.68	Lower Unit	3B	Upper contact is gradational with btqd.  Main mass of the unit is c.g., with stubby to acicular amp (60%) interstitial flame-like plag (30%), and irregular clots to interstitial grains of qtz (up to 10%). Locally sulfide blebs reach concentrations of 5% (over <0.5m) with blebs and fine disseminations scattered across the unit.  Lower contact is gradational and marked where quartz disappears.
MMC-18-12	61.68	78.32	Lower Unit	3A	Similar to overlying Nipissing qtz gab. However, this unit lacks the qtz of the overlying unit and has a gradational contact.  Trace blebby to disseminated sulfide is scattered across the unit.
MMC-18-12	78.32	79.4	Upper Unit	4B	V.f.g., matrix dominated by amp (70%) with minor amounts of plag (20%) and qtz(10%). Overall matrix is chloritized with f.g., diss pocp and cut by quartz/chlorite veins with pocp as well. Overall total mineralization is ~1.5%.  Contacts of unit are gradational and drawn at the loss and start of coarse plag for upper and lower contacts respectively.
MMC-18-12	79.4	83.69	Lower Unit	3A	Same as overlying Nipissing.  M-.c.g., with sub-hedral tabular amp (~60%), interstitial and anhedral plag (~20%) with the remnant composed of a fine grained black to dark blue/gray matrix. Locally quartz occurs within pods irregularly distributed across the unit (more common towards bottom contact) and are <5cm zones. Sulfides are up to 3% and typically occur as fine disseminations but small <0.5cm blebs are observed.  Contacts are gradational and defined by abundance of coarse plagioclase and sulfides
MMC-18-12	83.69	87.9	Upper Unit	4B	Generally the matrix is v.f.g., and dark blue/green to black but is intercalated with coarser grained sections with rounded plag and blue qtz grains. Sulfide percentage ranges from 3-10% disseminated blebs to 40-60% in local net textured zones.
MMC-18-12	87.9	87.91	Structure	FLT	1mm layer of gouge trending 30dtca
MMC-18-12	87.91	88.71	Upper Unit	4B	Continuation of overlying melagabbro.
MMC-18-12	88.71	89.79	Metasediments	1A	Massive to laminated, white to black, bt hornfelsed quartzite. Lower portion of unit is partially digested by melagabbro and has the appearance of fragments disintegrating and collapsing into the underlying melagabbro. This portion is associated with strong bt and chl alteration of matrix and hosts up to 5% mineralization.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-12	89.79	114.52	Upper Unit	4B	<p>Continuation of previous unit.</p> <p>V.f.g., and dark blue/green to black but is intercalated with coarser grained sections with rounded plag and blue qtz grains. There is often coarse 1-3mm isolated grains of amp (after px?) across the unit with a variable concentration (locally reaches 40%). Trace plag is seen as well reaching up to 10-15%. Overall the matrix of this zone is highly chloritized.</p> <p>Mineralization starts at the upper contact as net-textured and drops down to a short interval of blebby and then a large zone of disseminated sulfides. Comparing to a typical sulfide deposit the system appears upside down.</p> <p>Trace rock fragments can be seen in the unit but are rare and do not exceed 1-5 fragments (&lt;&lt;5cm) over 3m intervals. An ~30cm fragment is seen at 114m with local foliation developed around it.</p>
MMC-18-12	114.52	114.78	Structure	SHR	<p>well developed foliation at 45dtca and contains minor (up to 5%) cppo disseminated along foliation planes.</p> <p>The foliation contains flattened clasts(?) of purple coloured rock fragments which are intercalated with fine bands of melagabbro that contain the sulfides.</p> <p>Note that the sample of this unit is contaminated by the bounding melagabbro.</p>
MMC-18-12	114.78	126.26	Upper Unit	4B	<p>Continuation of previous unit.</p> <p>V.f.g., and dark blue/green to black but is intercalated with coarser grained sections with rounded plag and blue qtz grains. There is often coarse 1-3mm isolated grains of amp (after px?) across the unit with a variable concentration (locally reaches 40%). Trace plag is seen as well reaching up to 10-15%. Overall the matrix of this zone is highly chloritized.</p> <p>Mineralization is primarily disseminated to disseminated blebs. Chalcopyrite and po are ~ equal, with cp being dominant phase associated with irregular qtz/carb vns across the unit.</p>
MMC-18-12	126.26	126.86	Structure	FLT	<p>Driller's lost all water pressure and reported rods dropping into void space. No core recovered from this interval is interpreted as a fault.</p>
MMC-18-12	126.86	148.12	Upper Unit	4B	<p>Similar to previous.</p> <p>V.f.g., and dark blue/green to black but is intercalated with coarser grained sections with rounded plag and blue qtz grains. There is often coarse 1-3mm isolated grains of amp (after px?) across the unit with a variable concentration (locally reaches 40%). Trace plag is seen as well reaching up to 10-15%. Overall the matrix of this zone is highly chloritized.</p> <p>Mineralization starts as blebby to disseminated blebs that grades into sporadic blebs. A dead zone occurs from 129.1-130.40m after which disseminated mineralization is common at up to 15% cppo.</p> <p>Another dead zone is present from 146.30-146.79m and occurs as a small zone with no mineralization bounded by semi-sharp but diffuse contacts at low angles to ca (~30-40dtca).</p> <p>Lower contact is drawn after a dolomitic vn that is weakly mineralized with cp.</p>

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-12	148.12	154	Lower Unit	3A	M.-c.g., grey to green , gabbro with tabular amp (60%) and interstitial plag (40%) with a flame like texture. Quartz veins commonly cut unit and a few larger (>30cm) separate this 3A from the underlying 3A's.  Local patches of disseminated po>cp are scattered over unit and often occur as clot like patches reaching up to 5% over 30-40cm.
MMC-18-12	154	154.38	Veining	QV	Massive qtz with minor veinlets of chl cutting across. Associated with accessory to trace cp.
MMC-18-12	154.38	157.97	Lower Unit	3A	Continuation of previous unit.
MMC-18-12	157.97	158.3	Veining	QV	Massive qtz with minor veinlets of chl cutting across. Associated with accessory to trace cp.
MMC-18-12	158.3	159.4	Upper Unit	4B	V.f.g., grey-green matrix, soft, with 1-3mm phenocrysts of amp (after px?). No obvious mineralization aside from part of a qtz vn bearing cp that cuts both units at the lower contact.
MMC-18-12	159.4	199.85	Lower Unit	3A	M.-c.g., dark to light blue/grey, amp (60%) are tabular to acicular with interstitial plagioclase.  Disseminated mineralization is weak and rare across the unit and locally reaches up to 1% at it's maximum. Chalcopyrite hosted in qtz/carb vns are more common and locally form zones with up to 1% cp.
MMC-18-12	199.85	199.86	End of hole	End of hole	

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments
MMC-18-12	28	28.45	0.45	S00354789	Original	pocp in fol
MMC-18-12	30.36	30.83	0.47	S00354791	Original	trace pocp in shear
MMC-18-12	32.12	32.97	0.85	S00354792	Original	trace po
MMC-18-12	32.97	34.13	1.16	S00354793	Original	trace diss pocp
MMC-18-12	34.13	34.67	0.54	S00354794	Original	trace po
MMC-18-12	34.67	35.21	0.54	S00354795	Original	trace diss po with qtz vn
MMC-18-12	35.21	36.2	0.99	S00354796	Original	bt altered zone
MMC-18-12	36.2	36.92	0.72	S00354797	Original	metased
MMC-18-12	36.92	37.35	0.43	S00354798	Original	altered dio
MMC-18-12	37.35	37.81	0.46	S00354799	Original	trace po in alt sed
MMC-18-12	37.81	38.46	0.65	S00354801	Original	alt dio
MMC-18-12	38.46	39.24	0.78	S00354802	Original	alt sed with trace po
MMC-18-12	39.24	40.33	1.09	S00354803	Original	
MMC-18-12	40.33	40.95	0.62	S00354804	Original	0.5% po
MMC-18-12	40.95	41.95	1	S00354805	Original	trace diss po
MMC-18-12	41.95	43.06	1.11	S00354806	Original	
MMC-18-12	43.06	44.49	1.43	S00354807	Original	metased
MMC-18-12	44.49	45.32	0.83	S00354808	Original	metased
MMC-18-12	45.32	46.41	1.09	S00354809	Original	metased with gabbro dykelets
MMC-18-12	46.41	46.92	0.51	S00354811	Original	trace po in sed along contact
MMC-18-12	46.92	47.56	0.64	S00354812	Original	
MMC-18-12	47.56	48.11	0.55	S00354813	Original	0.5% diss po
MMC-18-12	48.11	48.69	0.58	S00354814	Original	trace po in metased
MMC-18-12	48.69	49.77	1.08	S00354815	Original	0.5% diss pocp
MMC-18-12	49.77	50.21	0.44	S00354976	Original	pocp in qtz vn
MMC-18-12	50.21	51.4	1.19	S00354816	Original	
MMC-18-12	51.4	51.85	0.45	S00354817	Original	0.5% diss pocp
MMC-18-12	51.85	52.49	0.64	S00354818	Original	po associated with altered sed clast
MMC-18-12	52.49	52.94	0.45	S00354819	Original	
MMC-18-12	52.94	53.76	0.82	S00354821	Original	0.5% diss po
MMC-18-12	53.76	54.7	0.94	S00354822	Original	
MMC-18-12	54.7	56	1.3	S00354823	Original	
MMC-18-12	56	56.9	0.9	S00354824	Original	
MMC-18-12	56.9	57.56	0.66	S00354825	Original	1% diss blebs of po>cp
MMC-18-12	57.56	58.33	0.77	S00354826	Original	0.5% po blebs
MMC-18-12	58.33	59.4	1.07	S00354827	Original	
MMC-18-12	59.4	60.73	1.33	S00354828	Original	
MMC-18-12	60.73	61.73	1	S00354829	Original	
MMC-18-12	61.73	62.85	1.12	S00354831	Original	
MMC-18-12	62.85	64.05	1.2	S00354832	Original	0.5% diss blebs po>cp
MMC-18-12	64.05	64.68	0.63	S00354833	Original	
MMC-18-12	64.68	65.09	0.41	S00354834	Original	0.5% diss pocp with a 2cm wide pyrite breccia vn
MMC-18-12	65.09	65.84	0.75	S00354835	Original	
MMC-18-12	65.84	66.68	0.84	S00354836	Original	
MMC-18-12	66.68	67.03	0.35	S00354837	Original	carb/qtz vn hosted pocp

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments
MMC-18-12	67.03	67.79	0.76	S00354838	Original	qtz/carb vn hosted trace pocp
MMC-18-12	67.79	69.17	1.38	S00354839	Original	trace pocp blebs
MMC-18-12	69.17	70.23	1.06	S00354841	Original	
MMC-18-12	70.23	71.63	1.4	S00354842	Original	
MMC-18-12	71.63	72.86	1.23	S00354843	Original	trace po blebs
MMC-18-12	72.86	73.77	0.91	S00354844	Original	
MMC-18-12	73.77	75	1.23	S00354845	Original	
MMC-18-12	75	75.7	0.7	S00354846	Original	
MMC-18-12	75.7	76.3	0.6	S00354847	Original	
MMC-18-12	76.3	77.4	1.1	S00354848	Original	0.5% pocp blebs with minor qtz/carb vns
MMC-18-12	77.4	78.26	0.86	S00354849	Original	trace pocp blebs
MMC-18-12	78.26	79.44	1.18	S00354851	Original	1.5% pocp in qtz/carb vns and diss
MMC-18-12	79.44	79.86	0.42	S00354852	Original	trace blebs po
MMC-18-12	79.86	80.88	1.02	S00354853	Original	trace diss
MMC-18-12	80.88	81.67	0.79	S00354977	Original	trace diss pocp
MMC-18-12	81.67	82.35	0.68	S00354978	Original	trace diss pocp
MMC-18-12	82.35	82.78	0.43	S00354854	Original	0.5% diss pocp
MMC-18-12	82.78	83.67	0.89	S00354855	Original	
MMC-18-12	83.67	84.66	0.99	S00354856	Original	5% po>cp blebs
MMC-18-12	84.66	85.91	1.25	S00354857	Original	5% po>>cp
MMC-18-12	85.91	87.06	1.15	S00354858	Original	5% po>cp blebs
MMC-18-12	87.06	87.43	0.37	S00354859	Original	50% net textured sulfides (po)
MMC-18-12	87.43	87.7	0.27	S00354861	Original	5% blebby (short sample to allow for isolated net-textured samples)
MMC-18-12	87.7	88.18	0.48	S00354862	Original	30% net-textured po>cp
MMC-18-12	88.18	88.71	0.53	S00354863	Original	10% foliated blebs
MMC-18-12	88.71	89.39	0.68	S00354865	Original	metasediment
MMC-18-12	89.39	89.77	0.38	S00354866	Original	5% fol controlled po
MMC-18-12	89.77	90.3	0.53	S00354867	Original	30% po>>cp
MMC-18-12	90.3	91.1	0.8	S00354869	Original	10% blebs po>cp
MMC-18-12	91.1	91.84	0.74	S00354871	Original	15% pocp blebs
MMC-18-12	91.84	92.52	0.68	S00354872	Original	10% po>cp blebs
MMC-18-12	92.52	93.16	0.64	S00354873	Original	15-20% po>>cp blebs
MMC-18-12	93.16	93.93	0.77	S00354874	Original	15-20% po>>cp blebs
MMC-18-12	93.93	94.75	0.82	S00354875	Original	15-20% po>cp blebs
MMC-18-12	94.75	95.35	0.6	S00354876	Original	15-20% po>cp blebs
MMC-18-12	95.35	96.5	1.15	S00354878	Original	5-10% pocp blebs
MMC-18-12	96.5	97.71	1.21	S00354879	Original	8% pocp blebs
MMC-18-12	97.71	98.99	1.28	S00354881	Original	10% pocp blebs
MMC-18-12	98.99	99.82	0.83	S00354882	Original	10-15% cp>po blebs
MMC-18-12	99.82	100.73	0.91	S00354883	Original	15% pocp blebs
MMC-18-12	100.73	101.4	0.67	S00354884	Original	10% pocp blebs
MMC-18-12	101.4	102.69	1.29	S00354886	Original	10% diss pocp
MMC-18-12	102.69	103.75	1.06	S00354887	Original	15% diss pocp
MMC-18-12	103.75	104.87	1.12	S00354888	Original	15% diss pocp
MMC-18-12	104.87	106.4	1.53	S00354889	Original	10-15% pocp

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments
MMC-18-12	106.4	107.6	1.2	S00354891	Original	15% pocp
MMC-18-12	107.6	108.82	1.22	S00354892	Original	15% pocp
MMC-18-12	108.82	109.95	1.13	S00354893	Original	15% dis cppo
MMC-18-12	109.95	111.05	1.1	S00354894	Original	10-15% diss cppo
MMC-18-12	111.05	112.22	1.17	S00354895	Original	15% cppo diss to foliated
MMC-18-12	112.22	113.59	1.37	S00354896	Original	15% dis cppo
MMC-18-12	113.59	114.2	0.61	S00354897	Original	has a 30cm metased fragment, <10% sulfide
MMC-18-12	114.2	114.81	0.61	S00354898	Original	shearzone sample, contaminated by bounding melagabbros (weak to moderate mineralization)
MMC-18-12	114.81	116.08	1.27	S00354899	Original	15% diss cppo
MMC-18-12	116.08	117.25	1.17	S00354901	Original	10% pocp
MMC-18-12	117.25	118.29	1.04	S00354902	Original	10% pocp
MMC-18-12	118.29	119.45	1.16	S00354903	Original	10% pocp
MMC-18-12	119.45	120.81	1.36	S00354904	Original	10% diss cppo
MMC-18-12	120.81	121.77	0.96	S00354905	Original	5% cp>po
MMC-18-12	121.77	122.79	1.02	S00354906	Original	5% diss to foliation controlled cp
MMC-18-12	122.79	123.53	0.74	S00354907	Original	5% cppo diss
MMC-18-12	123.53	124.54	1.01	S00354908	Original	5-8% cppo
MMC-18-12	124.54	125.45	0.91	S00354909	Original	10% cppo
MMC-18-12	125.45	126.21	0.76	S00354912	Original	up to 10% cppo
MMC-18-12	126.88	128	1.12	S00354913	Original	5% blebby to disseminated. Gap between this and sample 912 is real as there is a fault/seam with core loss.
MMC-18-12	128	129.1	1.1	S00354914	Original	5% blebby cp>po
MMC-18-12	129.1	130.43	1.33	S00354916	Original	deadzone
MMC-18-12	130.43	131.74	1.31	S00354917	Original	10% diss cppo
MMC-18-12	131.74	132.66	0.92	S00354918	Original	10% diss cppo
MMC-18-12	132.66	133.82	1.16	S00354919	Original	10-15% cppo
MMC-18-12	133.82	134.74	0.92	S00354921	Original	5-10% diss pocp
MMC-18-12	134.74	135.82	1.08	S00354922	Original	5% diss pocp
MMC-18-12	135.82	137	1.18	S00354923	Original	5% diss pocp
MMC-18-12	137	138.22	1.22	S00354924	Original	5% diss cppo
MMC-18-12	138.22	139.5	1.28	S00354925	Original	5-10% diss cppo
MMC-18-12	139.5	140.73	1.23	S00354926	Original	10-15% diss cppo
MMC-18-12	140.73	142	1.27	S00354927	Original	10% pocp
MMC-18-12	142	142.89	0.89	S00354928	Original	10% diss pocp with qtz vns
MMC-18-12	142.89	144.15	1.26	S00354929	Original	10% diss cppo with dolomite vn
MMC-18-12	144.15	145.6	1.45	S00354931	Original	10% diss cppo
MMC-18-12	145.6	146.3	0.7	S00354932	Original	10% diss pocp
MMC-18-12	146.3	146.76	0.46	S00354933	Original	relatively unmineralized zone, could have parts that are mineralized
MMC-18-12	146.76	147.54	0.78	S00354934	Original	5% diss pocp
MMC-18-12	147.54	148.1	0.56	S00354935	Original	cp stringers with dolomite vn
MMC-18-12	148.1	148.4	0.3	S00354936	Original	Nipissing
MMC-18-12	148.4	149.17	0.77	S00354937	Original	
MMC-18-12	149.17	149.65	0.48	S00354938	Original	1-2% diss po
MMC-18-12	149.65	150.51	0.86	S00354939	Original	
MMC-18-12	150.51	151.3	0.79	S00354941	Original	5% diss pocp
MMC-18-12	151.3	152.72	1.42	S00354942	Original	

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments
MMC-18-12	152.72	154	1.28	S00354943	Original	
MMC-18-12	154	154.42	0.42	S00354944	Original	qtz vn with trace cp
MMC-18-12	154.42	155.62	1.2	S00354945	Original	
MMC-18-12	155.62	157.08	1.46	S00354946	Original	
MMC-18-12	157.08	157.97	0.89	S00354947	Original	
MMC-18-12	157.97	158.3	0.33	S00354948	Original	trace cp in qtz vn
MMC-18-12	158.3	159.17	0.87	S00354949	Original	
MMC-18-12	159.17	159.59	0.42	S00354951	Original	trace cp in qtz/carb
MMC-18-12	159.59	160.98	1.39	S00354952	Original	0.5% pocp diss with qtz/carb vn hosted as well
MMC-18-12	160.98	162.27	1.29	S00354953	Original	
MMC-18-12	162.27	163.39	1.12	S00354954	Original	
MMC-18-12	163.39	163.67	0.28	S00354955	Original	1cm po vn
MMC-18-12	163.67	164.31	0.64	S00354957	Original	0.5% fine diss pocp
MMC-18-12	164.31	164.66	0.35	S00354958	Original	0.5% diss pocp
MMC-18-12	164.66	165.73	1.07	S00354959	Original	0.5% diss pocp
MMC-18-12	165.73	166.63	0.9	S00354961	Original	1% cp in qtz/carb vns
MMC-18-12	166.63	167.37	0.74	S00354962	Original	0.5% diss pocp
MMC-18-12	167.37	167.68	0.31	S00354963	Original	cp in qtz/chl vn
MMC-18-12	167.68	168.87	1.19	S00354964	Original	
MMC-18-12	168.87	169.72	0.85	S00354965	Original	cp in qtz vn
MMC-18-12	169.72	171.12	1.4	S00354966	Original	
MMC-18-12	171.12	172.54	1.42	S00354967	Original	carb hosted trace cp
MMC-18-12	172.54	173.62	1.08	S00354968	Original	
MMC-18-12	173.62	174.28	0.66	S00354969	Original	trace cp in carb vn
MMC-18-12	174.28	175.45	1.17	S00354971	Original	
MMC-18-12	175.45	176.25	0.8	S00354972	Original	0.5% diss cp
MMC-18-12	186.71	187.11	0.4	S00354973	Original	talc vn
MMC-18-12	187.11	196.26	9.15	S00354974	Original	trace cp in qtz vn



Hole number	From	To	LENGTH	Sample Number	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT
MMC-18-12	28	28.45	0.45	S00354789	0.976	0.5	5	0.5	0.5	2.03	1.5	150	0.5	0.05	0.1
MMC-18-12	30.36	30.83	0.47	S00354791	1.078	0.5	5	0.5	0.5	4.37	1.5	360	0.5	0.05	0.1
MMC-18-12	32.12	32.97	0.85	S00354792	2.031	0.5	5	4	6	8.98	4	460	2	0.05	2
MMC-18-12	32.97	34.13	1.16	S00354793	2.812	0.5	5	4	1	9.49	6	460	2	0.05	2
MMC-18-12	34.13	34.67	0.54	S00354794	1.322	0.5	5	5	1	9.33	22	480	2	0.05	1.6
MMC-18-12	34.67	35.21	0.54	S00354795	1.269	0.5	5	1	0.5	6.62	1.5	330	2	0.05	1.9
MMC-18-12	35.21	36.2	0.99	S00354796	2.497	0.5	5	3	0.5	8.93	5	480	2	0.05	1.5
MMC-18-12	36.2	36.92	0.72	S00354797	1.721	0.5	5	0.5	0.5	2.34	1.5	170	0.5	0.05	0.3
MMC-18-12	36.92	37.35	0.43	S00354798	1.045	0.5	5	3	1	8.47	1.5	540	2	0.05	1.2
MMC-18-12	37.35	37.81	0.46	S00354799	1.123	0.5	5	1	0.5	6.87	1.5	450	2	0.05	0.6
MMC-18-12	37.81	38.46	0.65	S00354801	1.464	0.5	5	0.5	0.5	8.32	1.5	480	2	0.05	0.9
MMC-18-12	38.46	39.24	0.78	S00354802	1.592	0.5	5	0.5	0.5	3.35	1.5	170	0.5	0.05	0.5
MMC-18-12	39.24	40.33	1.09	S00354803	2.549	0.5	5	3	0.5	10.1	1.5	470	2	0.05	2.4
MMC-18-12	40.33	40.95	0.62	S00354804	1.409	0.5	5	5	0.5	10.1	1.5	430	2	0.1	2.5
MMC-18-12	40.95	41.95	1	S00354805	2.319	0.5	5	5	0.5	10.2	1.5	420	2	0.1	2.5
MMC-18-12	41.95	43.06	1.11	S00354806	2.426	0.5	5	5	0.5	10.6	6	540	2	0.05	1.8
MMC-18-12	43.06	44.49	1.43	S00354807	2.888	0.5	5	0.5	0.5	4.79	1.5	340	1	0.05	0.2
MMC-18-12	44.49	45.32	0.83	S00354808	1.729	0.5	5	0.5	0.5	2.75	1.5	230	0.5	0.05	0.1
MMC-18-12	45.32	46.41	1.09	S00354809	2.546	0.5	5	0.5	0.5	4.06	1.5	370	0.5	0.05	0.4
MMC-18-12	46.41	46.92	0.51	S00354811	1.051	0.5	5	1	0.5	5.52	1.5	410	2	0.05	0.7
MMC-18-12	46.92	47.56	0.64	S00354812	1.314	0.5	5	3	0.5	8.88	3	590	2	0.05	1.5
MMC-18-12	47.56	48.11	0.55	S00354813	1.168	0.5	5	4	0.5	9.64	1.5	560	2	0.05	2
MMC-18-12	48.11	48.69	0.58	S00354814	1.164	0.5	5	0.5	0.5	3.02	1.5	260	0.5	0.05	0.4
MMC-18-12	48.69	49.77	1.08	S00354815	2.369	0.5	5	2	2	9.04	1.5	400	2	0.1	2.9
MMC-18-12	49.77	50.21	0.44	S00354976	0.936	0.5	5	2	0.5	9.44	1.5	360	2	0.05	3
MMC-18-12	50.21	51.4	1.19	S00354816	2.723	0.5	5	2	0.5	9.84	1.5	440	3	0.05	3.5
MMC-18-12	51.4	51.85	0.45	S00354817	1.053	0.5	5	4	0.5	9.39	1.5	390	2	0.1	3.6
MMC-18-12	51.85	52.49	0.64	S00354818	1.446	0.5	5	6	1	8.72	5	340	2	0.05	2.8
MMC-18-12	52.49	52.94	0.45	S00354819	1.085	0.5	5	4	0.5	10.2	6	390	2	0.05	3.5
MMC-18-12	52.94	53.76	0.82	S00354821	1.807	0.5	5	4	0.5	9.9	1.5	440	2	0.05	3.8
MMC-18-12	53.76	54.7	0.94	S00354822	2.071	0.5	5	3	0.5	9.84	1.5	480	2	0.05	3.7
MMC-18-12	54.7	56	1.3	S00354823	2.805	0.5	5	5	0.5	9.9	16	440	2	0.05	3.3
MMC-18-12	56	56.9	0.9	S00354824	1.821	0.5	5	4	0.5	9.98	8	440	3	0.05	3
MMC-18-12	56.9	57.56	0.66	S00354825	1.348	0.5	5	5	0.5	9.04	1.5	380	2	0.1	4.2
MMC-18-12	57.56	58.33	0.77	S00354826	1.601	0.5	5	2	0.5	8.9	1.5	370	2	0.05	4.5
MMC-18-12	58.33	59.4	1.07	S00354827	2.259	0.5	5	3	0.5	8.52	1.5	350	2	0.05	4.2
MMC-18-12	59.4	60.73	1.33	S00354828	2.813	0.5	5	0.5	0.5	7.7	1.5	390	2	0.05	3.8
MMC-18-12	60.73	61.73	1	S00354829	0.894	0.5	5	0.5	0.5	8.6	1.5	430	2	0.05	4
MMC-18-12	61.73	62.85	1.12	S00354831	2.471	0.5	5	2	0.5	8.74	1.5	560	2	0.05	3.6
MMC-18-12	62.85	64.05	1.2	S00354832	2.525	0.5	5	1	0.5	8.12	1.5	390	2	0.05	4
MMC-18-12	64.05	64.68	0.63	S00354833	1.43	0.5	5	2	0.5	7.96	1.5	340	2	0.1	4.1
MMC-18-12	64.68	65.09	0.41	S00354834	0.831	0.5	5	3	1	8.21	1.5	630	3	0.2	2.8
MMC-18-12	65.09	65.84	0.75	S00354835	1.741	0.5	5	1	0.5	7.87	1.5	410	2	0.2	3.7
MMC-18-12	65.84	66.68	0.84	S00354836	1.89	0.5	5	1	0.5	8	1.5	350	1	0.3	4.6
MMC-18-12	66.68	67.03	0.35	S00354837	0.822	0.5	5	3	1	7.63	1.5	450	2	0.2	3.7

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MMC-18-12	67.03	67.79	0.76	S00354838	1.635	0.5	5	0.5	0.5	7.49	3	400	1	0.2	3.2
MMC-18-12	67.79	69.17	1.38	S00354839	3.057	0.5	5	2	0.5	7.73	1.5	440	1	0.2	3.3
MMC-18-12	69.17	70.23	1.06	S00354841	2.017	0.5	5	2	0.5	7.5	4	390	1	0.1	3.4
MMC-18-12	70.23	71.63	1.4	S00354842	2.95	0.5	5	1	0.5	7.11	1.5	380	1	0.1	3.3
MMC-18-12	71.63	72.86	1.23	S00354843	2.699	0.5	5	0.5	0.5	7.69	1.5	390	2	0.1	3.6
MMC-18-12	72.86	73.77	0.91	S00354844	2.061	0.5	5	0.5	0.5	7.44	1.5	390	1	0.1	3.4
MMC-18-12	73.77	75	1.23	S00354845	2.758	0.5	5	0.5	0.5	7.42	1.5	390	1	0.1	3.6
MMC-18-12	75	75.7	0.7	S00354846	1.522	0.5	5	0.5	0.5	7.36	1.5	380	1	0.2	3.5
MMC-18-12	75.7	76.3	0.6	S00354847	1.522	0.5	5	1	0.5	7.68	1.5	360	1	0.1	3.8
MMC-18-12	76.3	77.4	1.1	S00354848	2.366	0.5	5	2	0.5	7.75	1.5	360	1	0.1	4
MMC-18-12	77.4	78.26	0.86	S00354849	1.924	0.5	5	3	0.5	7.72	1.5	300	1	0.1	4
MMC-18-12	78.26	79.44	1.18	S00354851	2.646	0.5	5	6	0.5	8.96	4	330	1	0.2	3.9
MMC-18-12	79.44	79.86	0.42	S00354852	0.912	0.5	5	8	0.5	8.89	1.5	350	1	0.2	4.7
MMC-18-12	79.86	80.88	1.02	S00354853	2.34	0.5	5	4	0.5	8.98	1.5	330	1	0.2	4.8
MMC-18-12	80.88	81.67	0.79	S00354977	1.875	0.5	5	4	0.5	9.36	1.5	340	1	0.1	5.2
MMC-18-12	81.67	82.35	0.68	S00354978	1.539	1	5	2	0.5	9.17	1.5	380	1	0.1	4.7
MMC-18-12	82.35	82.78	0.43	S00354854	0.973	1	5	5	0.5	8.56	1.5	440	1	0.2	4.6
MMC-18-12	82.78	83.67	0.89	S00354855	2.029	0.5	5	4	0.5	9.28	4	240	1	0.1	4.5
MMC-18-12	83.67	84.66	0.99	S00354856	2.403	89	270	243	0.5	7.68	44	260	0.5	2.4	3.7
MMC-18-12	84.66	85.91	1.25	S00354857	2.897	17	60	103	0.5	8.2	11	240	1	1.2	3.8
MMC-18-12	85.91	87.06	1.15	S00354858	2.749	12	90	77	0.5	8.5	5	250	0.5	0.7	4.1
MMC-18-12	87.06	87.43	0.37	S00354859	0.919	38	210	212	2	7.04	47	190	0.5	2.7	3.7
MMC-18-12	87.43	87.7	0.27	S00354861	0.642	18	100	165	0.5	7.99	13	230	0.5	1.8	4.4
MMC-18-12	87.7	88.18	0.48	S00354862	1.158	34	100	192	1	6.67	48	170	0.5	2.9	3.2
MMC-18-12	88.18	88.71	0.53	S00354863	1.28	113	230	245	0.5	7.53	29	250	0.5	5.8	4.1
MMC-18-12	88.71	89.39	0.68	S00354865	1.382	5	5	10	0.5	1.8	1.5	220	0.5	0.2	0.3
MMC-18-12	89.39	89.77	0.38	S00354866	0.855	3	5	14	0.5	5.17	1.5	350	0.5	0.6	2.1
MMC-18-12	89.77	90.3	0.53	S00354867	1.185	63	280	213	0.5	6.21	25	250	0.5	7.4	3.2
MMC-18-12	90.3	91.1	0.8	S00354869	1.829	58	160	169	0.5	7.67	31	270	1	5.1	4
MMC-18-12	91.1	91.84	0.74	S00354871	1.679	96	200	167	0.5	7.83	41	280	1	6.1	4.1
MMC-18-12	91.84	92.52	0.68	S00354872	1.586	85	200	160	0.5	8.03	28	220	1	5.7	4.1
MMC-18-12	92.52	93.16	0.64	S00354873	1.542	186	240	324	2	7.58	106	210	0.5	13.5	4.3
MMC-18-12	93.16	93.93	0.77	S00354874	1.721	244	350	450	2	7.37	81	210	0.5	20.4	3.8
MMC-18-12	93.93	94.75	0.82	S00354875	1.939	206	410	442	2	7.33	93	190	0.5	16.9	3.9
MMC-18-12	94.75	95.35	0.6	S00354876	1.431	208	470	390	3	7	45	160	0.5	18.4	4.3
MMC-18-12	95.35	96.5	1.15	S00354878	2.777	278	560	549	3	7.53	135	170	0.5	23.2	4.1
MMC-18-12	96.5	97.71	1.21	S00354879	1.447	281	520	549	3	7.43	83	150	0.5	24.2	3.8
MMC-18-12	97.71	98.99	1.28	S00354881	2.939	275	470	545	3	7.86	118	170	0.5	22.8	4
MMC-18-12	98.99	99.82	0.83	S00354882	2.107	240	420	460	3	6.62	118	170	0.5	20.1	3.7
MMC-18-12	99.82	100.73	0.91	S00354883	2.193	301	440	561	3	6.84	134	170	0.5	22.6	3.8
MMC-18-12	100.73	101.4	0.67	S00354884	1.541	201	400	428	3	7.6	172	240	0.5	15.7	4.8
MMC-18-12	101.4	102.69	1.29	S00354886	3.14	281	540	588	4	7.25	168	240	0.5	21.7	4.1
MMC-18-12	102.69	103.75	1.06	S00354887	2.585	282	620	662	3	7.41	687	200	0.5	22.8	4.3
MMC-18-12	103.75	104.87	1.12	S00354888	2.761	339	620	705	5	7.04	187	200	0.5	27.1	4
MMC-18-12	104.87	106.4	1.53	S00354889	3.604	303	640	673	5	6.78	133	150	0.5	25	3.7

Hole number	From	To	LENGTH	Sample Number	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT
MMC-18-12	106.4	107.6	1.2	S00354891	2.903	315	680	694	5	6.73	133	160	0.5	26.4	3.9
MMC-18-12	107.6	108.82	1.22	S00354892	2.862	316	640	697	4	6.32	125	150	0.5	26.1	3.7
MMC-18-12	108.82	109.95	1.13	S00354893	2.61	274	580	637	4	6.15	121	150	0.5	23.4	3.7
MMC-18-12	109.95	111.05	1.1	S00354894	2.488	274	540	638	4	6.28	112	160	0.5	24.5	3.6
MMC-18-12	111.05	112.22	1.17	S00354895	2.725	263	460	586	4	6.6	133	160	0.5	21	3.8
MMC-18-12	112.22	113.59	1.37	S00354896	3.034	244	410	549	4	6.05	440	160	0.5	19	3.8
MMC-18-12	113.59	114.2	0.61	S00354897	1.293	131	280	276	0.5	7.02	761	240	0.5	8.4	2.7
MMC-18-12	114.2	114.81	0.61	S00354898	1.29	279	290	296	1	7.69	1150	210	0.5	11.2	2.1
MMC-18-12	114.81	116.08	1.27	S00354899	2.862	309	470	572	3	6.42	724	150	1	20.7	4.1
MMC-18-12	116.08	117.25	1.17	S00354901	2.709	277	550	636	3	6.4	259	160	0.5	22.9	4.4
MMC-18-12	117.25	118.29	1.04	S00354902	2.474	232	430	546	3	6.46	153	150	0.5	19.1	4.1
MMC-18-12	118.29	119.45	1.16	S00354903	2.611	231	500	558	3	6.29	149	130	0.5	16.5	4.1
MMC-18-12	119.45	120.81	1.36	S00354904	3.055	237	450	565	2	6.25	214	130	0.5	16.2	4.4
MMC-18-12	120.81	121.77	0.96	S00354905	2.199	184	350	454	2	6.25	111	180	0.5	11.8	4.5
MMC-18-12	121.77	122.79	1.02	S00354906	2.323	117	340	310	2	6.64	110	160	0.5	7.6	5.1
MMC-18-12	122.79	123.53	0.74	S00354907	1.626	99	270	277	0.5	6.19	89	130	0.5	7.2	4.5
MMC-18-12	123.53	124.54	1.01	S00354908	2.257	250	580	645	2	5.67	149	140	0.5	17.6	4.4
MMC-18-12	124.54	125.45	0.91	S00354909	1.958	220	400	540	3	6.14	125	180	0.5	16.4	5
MMC-18-12	125.45	126.21	0.76	S00354912	1.84	189	430	483	3	6.25	97	150	0.5	14.8	5
MMC-18-12	126.88	128	1.12	S00354913	2.682	195	340	478	2	6.31	57	170	0.5	13.9	4.9
MMC-18-12	128	129.1	1.1	S00354914	2.468	99	200	248	2	7.23	41	170	0.5	6.6	5.8
MMC-18-12	129.1	130.43	1.33	S00354916	3.103	13	40	59	0.5	8.02	10	200	0.5	1.4	6.1
MMC-18-12	130.43	131.74	1.31	S00354917	3.086	220	450	572	2	6.83	70	170	0.5	16.9	5
MMC-18-12	131.74	132.66	0.92	S00354918	2.102	263	440	664	4	6.72	133	120	0.5	19.6	5.2
MMC-18-12	132.66	133.82	1.16	S00354919	2.623	266	540	665	3	6.77	122	120	0.5	19	4.9
MMC-18-12	133.82	134.74	0.92	S00354921	2.082	213	450	536	3	6.99	135	130	0.5	16.5	5.2
MMC-18-12	134.74	135.82	1.08	S00354922	2.412	219	490	595	2	7.21	70	130	0.5	14.7	5.4
MMC-18-12	135.82	137	1.18	S00354923	2.707	262	510	669	3	7.49	59	120	0.5	17.7	5.7
MMC-18-12	137	138.22	1.22	S00354924	2.706	291	610	718	3	7	78	100	0.5	19.8	5.1
MMC-18-12	138.22	139.5	1.28	S00354925	3.005	282	520	706	3	7.08	98	130	0.5	20.2	5.2
MMC-18-12	139.5	140.73	1.23	S00354926	2.969	280	550	701	3	7.08	111	150	0.5	18.9	5
MMC-18-12	140.73	142	1.27	S00354927	2.947	289	460	599	3	6.94	213	150	0.5	17.1	4.9
MMC-18-12	142	142.89	0.89	S00354928	1.916	276	320	438	4	6.45	272	140	0.5	10.5	6.3
MMC-18-12	142.89	144.15	1.26	S00354929	1.147	159	270	355	0.5	6.94	82	160	0.5	8.7	5.1
MMC-18-12	144.15	145.6	1.45	S00354931	3.262	153	270	376	2	7.03	67	170	0.5	8.7	5.3
MMC-18-12	145.6	146.3	0.7	S00354932	1.529	152	280	376	2	6.57	75	160	0.5	8.7	5.1
MMC-18-12	146.3	146.76	0.46	S00354933	1.055	42	80	118	0.5	7.32	33	210	0.5	2.3	5.1
MMC-18-12	146.76	147.54	0.78	S00354934	1.929	148	240	333	1	6.93	68	160	0.5	6.9	5
MMC-18-12	147.54	148.1	0.56	S00354935	1.187	183	180	238	0.5	6.98	9	70	0.5	5.8	5.6
MMC-18-12	148.1	148.4	0.3	S00354936	0.711	136	120	180	0.5	7.24	16	50	0.5	4.1	6.1
MMC-18-12	148.4	149.17	0.77	S00354937	1.724	68	70	101	0.5	6.99	14	170	0.5	2	5.3
MMC-18-12	149.17	149.65	0.48	S00354938	1.069	129	140	179	0.5	7.38	9	240	0.5	3.6	5.7
MMC-18-12	149.65	150.51	0.86	S00354939	1.85	17	10	38	0.5	7.69	3	300	0.5	0.6	6
MMC-18-12	150.51	151.3	0.79	S00354941	1.934	205	310	369	0.5	7.18	11	90	0.5	4.5	6.4
MMC-18-12	151.3	152.72	1.42	S00354942	3.295	10	10	33	0.5	7.9	5	130	0.5	0.6	6.8

Hole number	From	To	LENGTH	Sample Number	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT
MMC-18-12	152.72	154	1.28	S00354943	2.858	2	5	15	0.5	7.82	3	160	0.5	0.3	6.2
MMC-18-12	154	154.42	0.42	S00354944	0.847	0.5	5	1	0.5	1.56	4	10	0.5	0.05	1.6
MMC-18-12	154.42	155.62	1.2	S00354945	2.837	3	5	14	0.5	7.61	1.5	170	0.5	0.3	6.4
MMC-18-12	155.62	157.08	1.46	S00354946	3.674	3	5	22	0.5	7.43	1.5	120	0.5	0.4	5.9
MMC-18-12	157.08	157.97	0.89	S00354947	2.18	4	10	26	0.5	7.78	1.5	70	0.5	0.3	6.9
MMC-18-12	157.97	158.3	0.33	S00354948	0.706	4	5	4	0.5	3.85	1.5	120	0.5	0.1	2.3
MMC-18-12	158.3	159.17	0.87	S00354949	2.158	16	20	58	0.5	8.29	1.5	200	0.5	0.5	7
MMC-18-12	159.17	159.59	0.42	S00354951	0.977	27	40	81	0.5	7.68	1.5	70	0.5	0.6	8.5
MMC-18-12	159.59	160.98	1.39	S00354952	3.309	31	80	75	0.5	7.59	6	150	0.5	0.7	7.7
MMC-18-12	160.98	162.27	1.29	S00354953	3.041	9	30	96	0.5	8.22	4	150	0.5	0.6	7.2
MMC-18-12	162.27	163.39	1.12	S00354954	2.655	0.5	5	5	0.5	7.81	1.5	150	0.5	0.3	7.3
MMC-18-12	163.39	163.67	0.28	S00354955	0.707	6	10	20	0.5	8.43	1.5	60	0.5	0.8	8.2
MMC-18-12	163.67	164.31	0.64	S00354957	1.409	3	5	6	0.5	7.93	3	80	0.5	0.3	8.1
MMC-18-12	164.31	164.66	0.35	S00354958	0.864	8	10	37	0.5	8.73	1.5	70	1	0.5	7.9
MMC-18-12	164.66	165.73	1.07	S00354959	2.629	7	5	10	0.5	8.37	1.5	60	0.5	0.3	8.1
MMC-18-12	165.73	166.63	0.9	S00354961	2.227	13	5	13	2	8.46	1.5	70	0.5	0.3	8.3
MMC-18-12	166.63	167.37	0.74	S00354962	1.694	5	5	9	0.5	8.33	1.5	120	0.5	0.3	7.7
MMC-18-12	167.37	167.68	0.31	S00354963	0.772	12	10	10	0.5	7.76	1.5	70	0.5	0.8	8.8
MMC-18-12	167.68	168.87	1.19	S00354964	2.859	9	5	7	0.5	8.02	1.5	180	0.5	0.2	8
MMC-18-12	168.87	169.72	0.85	S00354965	1.856	6	5	6	0.5	7.37	1.5	90	0.5	0.3	6.6
MMC-18-12	169.72	171.12	1.4	S00354966	3.492	2	5	9	0.5	7.83	1.5	170	0.5	0.2	8.4
MMC-18-12	171.12	172.54	1.42	S00354967	3.069	0.5	5	11	0.5	7.41	6	130	0.5	0.3	7.8
MMC-18-12	172.54	173.62	1.08	S00354968	2.589	2	5	8	0.5	7.69	9	150	0.5	0.2	7.6
MMC-18-12	173.62	174.28	0.66	S00354969	1.546	3	5	13	0.5	7.67	16	70	0.5	0.5	7.8
MMC-18-12	174.28	175.45	1.17	S00354971	2.688	2	10	9	0.5	7.48	8	50	0.5	0.4	8
MMC-18-12	175.45	176.25	0.8	S00354972	1.797	3	10	9	0.5	7.59	4	140	0.5	0.2	7.1
MMC-18-12	186.71	187.11	0.4	S00354973	1.016	0.5	5	7	0.5	8.42	17	20	0.5	0.2	8.9
MMC-18-12	187.11	196.26	9.15	S00354974	1.206	0.5	5	4	0.5	7.44	12	40	0.5	0.2	8

Hole number	From	To	LENGTH	Sample Number	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT
MMC-18-12	28	28.45	0.45	S00354789	0.2	5.4	55	0.3	44	0.81	0.8	8	2.5	0.18	50	2	55	0.005
MMC-18-12	30.36	30.83	0.47	S00354791	0.1	9.9	74	1.2	65	1.4	2.3	13	9	0.52	90	2	23	0.01
MMC-18-12	32.12	32.97	0.85	S00354792	0.1	36.1	248	2.1	62	5.37	3	22	27	2.46	430	2	99	0.02
MMC-18-12	32.97	34.13	1.16	S00354793	0.1	37.2	269	1.6	69	5.48	2.8	25.4	28	2.65	470	3	105	0.03
MMC-18-12	34.13	34.67	0.54	S00354794	0.1	48	291	1.2	62	5.62	2.5	22.7	26	2.74	480	3	111	0.02
MMC-18-12	34.67	35.21	0.54	S00354795	0.2	23.7	162	0.8	37	4.16	1.6	17.8	19	1.93	360	3	61	0.03
MMC-18-12	35.21	36.2	0.99	S00354796	0.1	29.4	177	1.5	39	4.79	2.7	26	25	2.25	440	2	65	0.03
MMC-18-12	36.2	36.92	0.72	S00354797	0.1	5.2	44	0.3	24	0.98	0.9	10.8	6	0.31	90	2	14	0.02
MMC-18-12	36.92	37.35	0.43	S00354798	0.1	25.3	166	1.3	44	4.45	2.5	25.7	24	2.15	420	1	59	0.02
MMC-18-12	37.35	37.81	0.46	S00354799	0.1	17	122	1.1	26	3.21	2.1	22.1	19	1.5	310	3	37	0.02
MMC-18-12	37.81	38.46	0.65	S00354801	0.2	21.3	138	1.2	36	3.82	2.6	27.2	26	1.78	310	2	50	0.03
MMC-18-12	38.46	39.24	0.78	S00354802	0.1	7.9	63	0.4	23	1.4	0.9	10.1	10	0.6	130	2	16	0.01
MMC-18-12	39.24	40.33	1.09	S00354803	0.1	33.6	230	1.1	61	5.54	2.3	27.6	26	2.68	530	2	78	0.03
MMC-18-12	40.33	40.95	0.62	S00354804	0.1	40.6	257	1	85	5.68	2.1	25.6	27	2.92	550	2	98	0.03
MMC-18-12	40.95	41.95	1	S00354805	0.1	40.9	263	1.1	89	5.64	2.3	27.3	30	2.99	540	2	102	0.03
MMC-18-12	41.95	43.06	1.11	S00354806	0.1	36.3	281	1.1	42	5.5	2.9	21.4	38	3.17	480	1	94	0.03
MMC-18-12	43.06	44.49	1.43	S00354807	0.1	8.2	71	0.9	45	1.53	2	15.2	13	0.6	110	1	19	0.02
MMC-18-12	44.49	45.32	0.83	S00354808	0.1	4.3	47	0.8	24	1.03	1.1	7.6	7	0.33	90	2	10	0.01
MMC-18-12	45.32	46.41	1.09	S00354809	0.1	9	81	1.2	27	1.81	1.7	12.9	13	0.73	150	2	20	0.01
MMC-18-12	46.41	46.92	0.51	S00354811	0.1	17.4	107	0.8	69	2.19	1.7	18.3	16	1.02	210	3	36	0.02
MMC-18-12	46.92	47.56	0.64	S00354812	0.1	30.1	220	1.1	29	5	2.4	21	28	2.54	540	2	72	0.02
MMC-18-12	47.56	48.11	0.55	S00354813	0.1	31.6	204	1.1	59	5.41	2.2	24.3	32	2.77	570	3	72	0.03
MMC-18-12	48.11	48.69	0.58	S00354814	0.1	12.3	51	0.5	81	1.78	0.9	12	9	0.59	160	1	25	0.005
MMC-18-12	48.69	49.77	1.08	S00354815	0.1	32	110	1.4	95	5.45	1.6	23.9	27	2.26	610	3	41	0.03
MMC-18-12	49.77	50.21	0.44	S00354976	0.1	33.4	155	1.9	26	5.34	1.9	20.4	22	2.39	590	3	42	0.04
MMC-18-12	50.21	51.4	1.19	S00354816	0.1	33.6	173	1.4	85	5.79	1.7	31.1	29	2.61	640	2	56	0.05
MMC-18-12	51.4	51.85	0.45	S00354817	0.1	37.9	164	1.3	153	5.49	1.5	35.4	27	2.59	700	2	72	0.04
MMC-18-12	51.85	52.49	0.64	S00354818	0.1	40.1	200	1.3	101	5.94	1.3	23	29	2.71	660	3	99	0.03
MMC-18-12	52.49	52.94	0.45	S00354819	0.1	34.2	228	1.5	24	5.92	1.6	26.6	30	2.76	760	1	77	0.04
MMC-18-12	52.94	53.76	0.82	S00354821	0.1	44.3	268	1.9	179	6.52	1.6	30	30	2.9	760	3	97	0.04
MMC-18-12	53.76	54.7	0.94	S00354822	0.1	34.9	254	2.3	37	6.35	1.8	30.7	30	2.98	750	1	78	0.05
MMC-18-12	54.7	56	1.3	S00354823	0.1	42.9	296	2.5	77	5.86	1.8	28.9	34	3.12	720	2	95	0.05
MMC-18-12	56	56.9	0.9	S00354824	0.1	33	302	2.8	59	5.69	1.9	28.7	50	2.98	650	3	100	0.04
MMC-18-12	56.9	57.56	0.66	S00354825	0.1	42.6	294	6.4	129	8.31	2.2	23.8	45	2.93	830	2	128	0.07
MMC-18-12	57.56	58.33	0.77	S00354826	0.1	39.6	142	6.6	127	8.33	2	26.6	32	2.33	930	1	49	0.09
MMC-18-12	58.33	59.4	1.07	S00354827	0.1	34.7	107	5.1	76	7.83	1.6	28.4	29	1.96	890	1	38	0.07
MMC-18-12	59.4	60.73	1.33	S00354828	0.1	30	57	5.7	35	7.44	1.8	34.3	28	1.74	900	1	27	0.07
MMC-18-12	60.73	61.73	1	S00354829	0.1	33	66	6.1	90	7.74	1.9	32.1	31	1.78	930	1	26	0.09
MMC-18-12	61.73	62.85	1.12	S00354831	0.1	33.9	75	6.9	79	8.07	2.4	33.5	40	2.21	900	1	41	0.08
MMC-18-12	62.85	64.05	1.2	S00354832	0.1	34	55	5.1	119	7.8	1.6	33.1	28	1.68	990	2	28	0.08
MMC-18-12	64.05	64.68	0.63	S00354833	0.1	33.2	62	4.1	113	7.92	1.5	33.8	31	1.74	990	1	29	0.07
MMC-18-12	64.68	65.09	0.41	S00354834	0.1	136	73	5.8	385	10.1	2.4	33.3	39	2.12	820	1	141	0.08
MMC-18-12	65.09	65.84	0.75	S00354835	0.1	33.1	65	5.5	127	7.77	1.7	32.9	29	1.77	910	2	31	0.07
MMC-18-12	65.84	66.68	0.84	S00354836	0.1	31.3	66	5.4	87	7.89	1.6	33	30	1.8	970	2	30	0.08
MMC-18-12	66.68	67.03	0.35	S00354837	0.1	37.3	61	6.7	84	7.71	2	31.3	30	1.87	930	1	31	0.07

Hole number	From	To	LENGTH	Sample Number	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT
MMC-18-12	67.03	67.79	0.76	S00354838	0.1	31.5	75	6.4	87	7.51	1.5	28.4	20	1.63	880	1	37	0.06
MMC-18-12	67.79	69.17	1.38	S00354839	0.1	31.8	77	7	80	7.74	1.7	29.6	22	1.76	890	1	42	0.06
MMC-18-12	69.17	70.23	1.06	S00354841	0.1	31.1	72	5.7	100	7.43	1.5	28.7	19	1.59	940	1	44	0.06
MMC-18-12	70.23	71.63	1.4	S00354842	0.1	29.5	65	5.5	93	7.24	1.4	29.5	18	1.58	940	1	36	0.06
MMC-18-12	71.63	72.86	1.23	S00354843	0.1	30.6	76	6	90	7.42	1.5	28.9	19	1.59	930	1	41	0.06
MMC-18-12	72.86	73.77	0.91	S00354844	0.1	30.1	69	5.8	92	7.4	1.4	29.6	18	1.57	950	1	31	0.06
MMC-18-12	73.77	75	1.23	S00354845	0.1	30.5	68	5.6	86	7.71	1.5	28.1	19	1.68	980	1	32	0.06
MMC-18-12	75	75.7	0.7	S00354846	0.1	30.5	66	5.3	85	7.36	1.3	29.8	19	1.63	890	1	32	0.06
MMC-18-12	75.7	76.3	0.6	S00354847	0.1	33.7	73	4.8	90	8.01	1.3	29.7	19	1.78	1010	1	55	0.06
MMC-18-12	76.3	77.4	1.1	S00354848	0.1	40.4	111	5	67	9.34	1.4	24.8	18	2.32	1270	1	48	0.05
MMC-18-12	77.4	78.26	0.86	S00354849	0.1	36.3	95	4.2	103	8.4	1.2	25.1	17	2.04	1160	1	45	0.05
MMC-18-12	78.26	79.44	1.18	S00354851	0.1	55.5	316	5.4	180	8.79	1.8	25.3	26	2.97	1100	3	130	0.06
MMC-18-12	79.44	79.86	0.42	S00354852	0.1	42.6	229	4.6	66	7.44	1.6	24.5	22	2.86	1070	2	106	0.06
MMC-18-12	79.86	80.88	1.02	S00354853	0.1	49.8	248	4.8	109	8.59	1.7	22.7	23	3.07	1190	1	107	0.06
MMC-18-12	80.88	81.67	0.79	S00354977	0.1	54.1	139	6	105	8.53	1.9	18.3	23	2.71	960	1	62	0.07
MMC-18-12	81.67	82.35	0.68	S00354978	0.1	46.6	100	6.5	150	8.14	2.1	22.4	23	2.58	890	1	43	0.06
MMC-18-12	82.35	82.78	0.43	S00354854	0.1	44.6	168	6.4	138	8.23	2.1	22.8	22	2.81	990	1	88	0.05
MMC-18-12	82.78	83.67	0.89	S00354855	0.1	43.8	287	2.5	33	7.84	1	19	24	3.65	1030	1	76	0.04
MMC-18-12	83.67	84.66	0.99	S00354856	0.3	305	553	2.3	1490	11.6	1.1	18.3	21	2.96	770	34	3810	0.04
MMC-18-12	84.66	85.91	1.25	S00354857	0.1	141	530	2.7	842	8.69	1.2	18.8	19	3	800	16	1560	0.04
MMC-18-12	85.91	87.06	1.15	S00354858	0.1	132	510	3.6	628	9.38	1.2	16.5	19	3.3	930	14	1090	0.03
MMC-18-12	87.06	87.43	0.37	S00354859	0.7	487	414	2.2	7200	16.5	0.9	14.5	18	2.81	800	73	5770	0.03
MMC-18-12	87.43	87.7	0.27	S00354861	0.1	236	542	3.3	1580	12	1.2	15.8	20	3.68	1010	32	2210	0.03
MMC-18-12	87.7	88.18	0.48	S00354862	6.1	552	519	1.1	3880	17.7	0.9	12.5	33	3.32	800	76	6390	0.03
MMC-18-12	88.18	88.71	0.53	S00354863	0.1	263	592	3.5	1480	13.3	1.2	13.7	20	3.69	1000	34	3020	0.03
MMC-18-12	88.71	89.39	0.68	S00354865	0.1	9.4	68	0.2	184	0.88	0.4	4.4	2.5	0.15	70	4	90	0.01
MMC-18-12	89.39	89.77	0.38	S00354866	0.1	101	244	6.3	1180	7.76	1.9	22.6	19	2.8	840	9	877	0.06
MMC-18-12	89.77	90.3	0.53	S00354867	0.1	534	531	4.3	808	18.4	1.3	12.1	16	3.24	930	69	6960	0.03
MMC-18-12	90.3	91.1	0.8	S00354869	0.2	260	534	4.4	1950	11.9	1.3	16.5	17	3.38	1050	33	3190	0.05
MMC-18-12	91.1	91.84	0.74	S00354871	0.1	202	486	4.4	1380	11.1	1.4	18.3	18	3.51	1120	20	2330	0.05
MMC-18-12	91.84	92.52	0.68	S00354872	0.3	199	382	3.6	1420	11	1.1	16.7	19	3.79	1140	20	2450	0.04
MMC-18-12	92.52	93.16	0.64	S00354873	0.4	353	344	3.5	3630	13.7	1.1	15.2	19	3.82	1210	31	4360	0.03
MMC-18-12	93.16	93.93	0.77	S00354874	0.6	403	339	3.3	4620	14.8	1	16.3	18	3.83	1160	32	5210	0.03
MMC-18-12	93.93	94.75	0.82	S00354875	0.7	353	273	2.5	4690	13.8	0.9	14.5	17	4.21	1130	20	4520	0.03
MMC-18-12	94.75	95.35	0.6	S00354876	0.9	330	332	2.3	5920	14.1	0.8	11.3	19	5.16	1200	22	4420	0.03
MMC-18-12	95.35	96.5	1.15	S00354878	0.8	293	357	1.8	5300	12.4	0.7	13.3	17	4.78	1180	10	4490	0.03
MMC-18-12	96.5	97.71	1.21	S00354879	0.9	333	408	1.7	5680	13.3	0.7	12.8	17	4.67	1100	22	5490	0.03
MMC-18-12	97.71	98.99	1.28	S00354881	1	363	455	1.8	5450	14.2	0.7	14.4	19	5.02	1150	24	5970	0.04
MMC-18-12	98.99	99.82	0.83	S00354882	1	368	394	1.7	5330	13	0.7	12.9	17	5.05	1100	26	6080	0.03
MMC-18-12	99.82	100.73	0.91	S00354883	0.8	323	455	1.8	3820	12.8	0.7	13.6	19	5.38	1130	14	5260	0.03
MMC-18-12	100.73	101.4	0.67	S00354884	0.7	222	488	1.3	3560	10	0.9	11.6	20	5.94	1150	6	3470	0.03
MMC-18-12	101.4	102.69	1.29	S00354886	0.9	283	605	2.1	4920	12.2	1.1	14.1	21	5.44	1130	11	6100	0.04
MMC-18-12	102.69	103.75	1.06	S00354887	0.9	405	633	2.4	5020	12.2	0.9	13.5	20	5.17	1130	10	6290	0.04
MMC-18-12	103.75	104.87	1.12	S00354888	1.1	340	603	2.6	6740	12.9	0.9	13.5	19	5.24	1170	13	6340	0.03
MMC-18-12	104.87	106.4	1.53	S00354889	1.4	315	575	1.6	7370	11.8	0.7	12	17	4.88	1110	12	5360	0.03

Hole number	From	To	LENGTH	Sample Number	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT
MMC-18-12	106.4	107.6	1.2	S00354891	1.5	375	611	1.2	6820	12.8	0.6	12.1	20	5.53	1210	14	6250	0.03
MMC-18-12	107.6	108.82	1.22	S00354892	1.3	361	638	1.2	6690	12.6	0.6	11.5	19	5.74	1200	11	5640	0.03
MMC-18-12	108.82	109.95	1.13	S00354893	1.3	354	689	1	6650	13.1	0.6	11.1	20	6.05	1300	11	5550	0.03
MMC-18-12	109.95	111.05	1.1	S00354894	1.4	334	620	1.2	7020	12.9	0.7	11.5	20	5.87	1220	11	5700	0.03
MMC-18-12	111.05	112.22	1.17	S00354895	1.3	280	602	1.6	6630	12.2	0.7	12.7	19	5.73	1270	10	5010	0.04
MMC-18-12	112.22	113.59	1.37	S00354896	1.1	308	530	2.1	5590	11.7	0.8	11.7	17	5.59	1350	10	4830	0.04
MMC-18-12	113.59	114.2	0.61	S00354897	0.3	196	272	5.4	1280	8.85	1.4	15.9	19	3.48	950	4	2330	0.04
MMC-18-12	114.2	114.81	0.61	S00354898	0.4	268	257	6.3	2010	12.4	1.3	33.2	27	4.43	1220	5	2620	0.04
MMC-18-12	114.81	116.08	1.27	S00354899	1.1	281	535	2.4	5240	12.3	0.8	11.3	16	5.71	1380	9	4900	0.04
MMC-18-12	116.08	117.25	1.17	S00354901	1.1	304	437	1.8	5860	12.7	0.7	12.1	15	5.69	1250	11	4860	0.03
MMC-18-12	117.25	118.29	1.04	S00354902	1	287	436	1.9	5820	12.8	0.7	11.8	15	5.64	1250	11	4280	0.03
MMC-18-12	118.29	119.45	1.16	S00354903	0.9	285	468	1.4	5180	12.3	0.7	10.5	15	5.69	1220	8	3890	0.03
MMC-18-12	119.45	120.81	1.36	S00354904	0.9	280	443	1.8	4700	12.6	0.6	10.2	15	5.93	1260	10	4280	0.04
MMC-18-12	120.81	121.77	0.96	S00354905	0.8	232	468	1.9	4150	11.6	0.8	10.4	16	5.62	1250	7	3270	0.03
MMC-18-12	121.77	122.79	1.02	S00354906	0.5	187	529	1.9	2420	11.2	0.7	8.5	15	6.63	1350	5	1900	0.03
MMC-18-12	122.79	123.53	0.74	S00354907	0.5	171	463	1.4	2300	10.6	0.6	8.9	15	5.82	1340	3	1740	0.03
MMC-18-12	123.53	124.54	1.01	S00354908	0.9	300	417	1.4	4980	12.8	0.6	8.8	17	6.4	1400	5	4160	0.03
MMC-18-12	124.54	125.45	0.91	S00354909	1	320	354	3.7	5050	13.2	1	9.4	17	6.33	1460	9	4300	0.04
MMC-18-12	125.45	126.21	0.76	S00354912	1.1	278	320	2.4	5070	13.2	0.8	8.7	16	6.19	1400	9	4130	0.04
MMC-18-12	126.88	128	1.12	S00354913	0.7	215	210	1.6	4080	11	0.6	9.5	13	5.09	1290	5	3150	0.04
MMC-18-12	128	129.1	1.1	S00354914	0.8	152	217	1.2	4050	9.93	0.6	9.1	13	5.79	1310	6	1890	0.03
MMC-18-12	129.1	130.43	1.33	S00354916	0.1	73.1	179	1.5	138	9.16	0.7	11.9	14	5.2	1380	2	297	0.04
MMC-18-12	130.43	131.74	1.31	S00354917	0.9	264	176	2.5	5120	11.7	0.7	10	13	4.72	1200	7	4110	0.04
MMC-18-12	131.74	132.66	0.92	S00354918	1.2	345	195	1.7	6040	12.7	0.6	9.4	14	5.18	1370	7	5040	0.03
MMC-18-12	132.66	133.82	1.16	S00354919	1.1	297	170	1.2	5770	11.8	0.5	9.3	14	5.05	1160	8	4560	0.03
MMC-18-12	133.82	134.74	0.92	S00354921	1	300	185	1.2	5280	11.9	0.5	10.1	13	5.13	1290	8	4240	0.04
MMC-18-12	134.74	135.82	1.08	S00354922	0.9	234	138	1.2	4960	11.4	0.5	9.4	14	5.21	1240	7	4040	0.03
MMC-18-12	135.82	137	1.18	S00354923	1.2	264	133	1.3	6350	12.4	0.5	9.3	13	5.22	1300	7	4840	0.03
MMC-18-12	137	138.22	1.22	S00354924	1.2	293	140	1.2	6620	12.2	0.4	8.5	13	4.75	1250	4	5050	0.03
MMC-18-12	138.22	139.5	1.28	S00354925	1.1	305	149	1.3	6210	12	0.5	8.9	14	4.88	1240	5	4940	0.03
MMC-18-12	139.5	140.73	1.23	S00354926	1.1	292	136	1.4	6000	11.7	0.6	9.2	13	4.44	1190	6	4560	0.03
MMC-18-12	140.73	142	1.27	S00354927	1.1	283	114	1.4	5400	11.9	0.6	9	13	4.62	1210	6	4050	0.03
MMC-18-12	142	142.89	0.89	S00354928	1.4	212	107	1	6800	10	0.5	8.9	12	4.3	1250	3	3070	0.03
MMC-18-12	142.89	144.15	1.26	S00354929	0.6	164	111	1	2850	9.77	0.5	9.3	13	4.63	1190	3	2370	0.04
MMC-18-12	144.15	145.6	1.45	S00354931	0.6	169	115	1.4	3300	10.1	0.7	9.4	14	4.78	1300	4	2420	0.04
MMC-18-12	145.6	146.3	0.7	S00354932	1	170	131	1.8	3800	10.1	0.6	10.1	14	4.61	1260	3	2360	0.03
MMC-18-12	146.3	146.76	0.46	S00354933	0.1	74.5	139	2.5	530	8.61	0.8	11.8	16	4.67	1210	1	489	0.03
MMC-18-12	146.76	147.54	0.78	S00354934	0.6	133	135	1.5	2550	9.84	0.6	10.3	15	4.68	1260	2	1820	0.03
MMC-18-12	147.54	148.1	0.56	S00354935	0.6	94.1	127	0.9	2610	10	0.3	10.5	14	4.89	1370	1	1180	0.02
MMC-18-12	148.1	148.4	0.3	S00354936	0.2	80.4	129	0.3	943	8.45	0.2	9	11	4.5	1230	1	1120	0.03
MMC-18-12	148.4	149.17	0.77	S00354937	0.3	62.2	82	0.8	1060	7.95	0.5	10.9	13	4.23	1160	1	579	0.04
MMC-18-12	149.17	149.65	0.48	S00354938	0.5	92.1	65	2.3	1740	8.16	1	11.9	12	3.99	1170	1	1150	0.04
MMC-18-12	149.65	150.51	0.86	S00354939	0.1	51.5	59	3	109	7.44	1	11.5	13	3.99	1150	1	219	0.04
MMC-18-12	150.51	151.3	0.79	S00354941	0.6	153	49	1.1	2680	9.61	0.4	11.5	8	3.91	1200	1	2350	0.04
MMC-18-12	151.3	152.72	1.42	S00354942	0.1	55.8	59	1.3	420	8.05	0.5	11.8	11	4.2	1250	1	180	0.04

Hole number	From	To	LENGTH	Sample Number	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT
MMC-18-12	152.72	154	1.28	S00354943	0.1	48.3	56	1.8	63	7.86	0.6	11	14	4.14	1210	1	142	0.04
MMC-18-12	154	154.42	0.42	S00354944	0.1	12.9	46	0.2	318	2.46	0.05	0.9	5	0.94	350	3	96	0.005
MMC-18-12	154.42	155.62	1.2	S00354945	0.1	50.9	57	2.1	98	8.13	0.7	11.6	11	4.19	1270	1	137	0.04
MMC-18-12	155.62	157.08	1.46	S00354946	0.1	50.9	61	1.9	238	8.02	0.6	10.5	11	3.9	1190	1	134	0.04
MMC-18-12	157.08	157.97	0.89	S00354947	0.1	48.1	59	0.6	101	8.39	0.4	11.6	8	4.19	1390	1	170	0.03
MMC-18-12	157.97	158.3	0.33	S00354948	0.3	13.4	38	0.5	1070	2.25	0.3	6.9	2.5	0.96	330	2	81	0.01
MMC-18-12	158.3	159.17	0.87	S00354949	0.1	55.9	81	3.6	32	9.81	0.9	10.1	15	5.46	1490	1	276	0.03
MMC-18-12	159.17	159.59	0.42	S00354951	0.3	46.2	79	1	396	9.65	0.4	11.3	9	4.59	1580	1	212	0.04
MMC-18-12	159.59	160.98	1.39	S00354952	0.4	60.5	55	1.4	973	8.75	0.6	10.1	10	4.27	1360	1	349	0.04
MMC-18-12	160.98	162.27	1.29	S00354953	0.1	49.8	50	1.5	137	8.42	0.6	11.8	12	3.54	1310	1	108	0.04
MMC-18-12	162.27	163.39	1.12	S00354954	0.1	51.6	51	2.2	111	8.58	0.7	12.2	10	3.66	1330	1	104	0.04
MMC-18-12	163.39	163.67	0.28	S00354955	0.2	64.6	53	0.7	219	8.93	0.3	12.2	9	3.83	1320	1	624	0.04
MMC-18-12	163.67	164.31	0.64	S00354957	0.2	48.1	48	0.6	313	8.57	0.3	12.4	8	4.03	1380	1	128	0.05
MMC-18-12	164.31	164.66	0.35	S00354958	0.1	67.1	52	0.6	207	9.14	0.4	13.6	9	3.8	1270	1	744	0.05
MMC-18-12	164.66	165.73	1.07	S00354959	0.3	40.4	50	0.6	442	8.2	0.4	11.5	8	3.97	1320	1	124	0.05
MMC-18-12	165.73	166.63	0.9	S00354961	0.8	48.4	54	0.6	1830	8.5	0.4	11.9	9	3.94	1360	1	148	0.05
MMC-18-12	166.63	167.37	0.74	S00354962	0.2	47.1	56	1.1	362	8.08	0.5	11.5	10	4.03	1320	1	107	0.04
MMC-18-12	167.37	167.68	0.31	S00354963	0.6	43.9	50	0.6	1080	8.53	0.3	10.8	8	4.18	1360	1	118	0.05
MMC-18-12	167.68	168.87	1.19	S00354964	0.4	46.7	58	1.5	711	8.22	0.6	11.3	9	4.16	1280	1	115	0.04
MMC-18-12	168.87	169.72	0.85	S00354965	0.7	38.6	65	0.6	928	7.32	0.4	8.6	14	3.56	1100	1	97	0.04
MMC-18-12	169.72	171.12	1.4	S00354966	0.2	48.9	67	1.5	267	8.57	0.7	10.2	12	4.4	1310	1	113	0.04
MMC-18-12	171.12	172.54	1.42	S00354967	0.1	46.8	65	0.8	148	8.21	0.4	9.5	11	3.86	1240	1	107	0.03
MMC-18-12	172.54	173.62	1.08	S00354968	0.3	49.7	68	0.7	140	8.01	0.6	9.3	9	4.26	1280	1	111	0.03
MMC-18-12	173.62	174.28	0.66	S00354969	0.3	59	70	0.5	453	8.55	0.3	9.9	10	4.53	1350	1	126	0.03
MMC-18-12	174.28	175.45	1.17	S00354971	0.1	47.7	70	0.2	197	8.63	0.2	9.6	11	4.5	1340	1	120	0.03
MMC-18-12	175.45	176.25	0.8	S00354972	0.1	46.9	72	0.7	320	8.23	0.5	7.8	13	4.36	1240	1	118	0.04
MMC-18-12	186.71	187.11	0.4	S00354973	0.1	64.1	91	0.2	41	8.77	0.05	7.5	13	5.21	1230	1	142	0.03
MMC-18-12	187.11	196.26	9.15	S00354974	0.1	46.8	106	0.2	40	6.71	0.2	7.9	10	4.68	970	1	112	0.03



Hole number	From	To	LENGTH	Sample Number	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM
MMC-18-12	28	28.45	0.45	S00354789	10	0.5	0.5	39.3	0.5	20	0.5	0.03	7	2.5	2.6	0.2	40
MMC-18-12	30.36	30.83	0.47	S00354791	12	0.5	0.5	36.5	0.5	20	0.5	0.14	26	2.5	6.3	0.6	37
MMC-18-12	32.12	32.97	0.85	S00354792	8	0.5	0.5	25.5	0.5	120	0.5	0.47	211	2.5	12.6	1.3	57
MMC-18-12	32.97	34.13	1.16	S00354793	9	0.5	0.5	26.1	0.5	130	0.5	0.48	223	2.5	13.8	1.5	63
MMC-18-12	34.13	34.67	0.54	S00354794	6	0.5	0.5	27.7	0.5	110	0.5	0.47	244	2.5	13.5	1.3	58
MMC-18-12	34.67	35.21	0.54	S00354795	9	0.5	0.5	28.8	0.5	110	0.5	0.35	138	2.5	11.5	1.1	54
MMC-18-12	35.21	36.2	0.99	S00354796	8	0.5	0.5	26.4	3	120	0.5	0.46	153	2.5	14.9	1.5	48
MMC-18-12	36.2	36.92	0.72	S00354797	4	0.5	0.5	37.6	3	20	0.5	0.06	14	2.5	4.7	0.4	12
MMC-18-12	36.92	37.35	0.43	S00354798	6	0.5	0.5	27.7	0.5	100	0.5	0.47	152	2.5	15.6	1.4	49
MMC-18-12	37.35	37.81	0.46	S00354799	5	0.5	0.5	30.9	0.5	70	0.5	0.38	76	2.5	11	1.1	36
MMC-18-12	37.81	38.46	0.65	S00354801	18	0.5	0.5	28.9	0.5	90	0.5	0.39	116	2.5	14.1	1.4	70
MMC-18-12	38.46	39.24	0.78	S00354802	4	0.5	0.5	38.1	0.5	50	0.5	0.12	37	2.5	6.2	0.5	20
MMC-18-12	39.24	40.33	1.09	S00354803	9	0.5	0.5	27.1	0.5	170	0.5	0.51	194	2.5	15.8	1.6	60
MMC-18-12	40.33	40.95	0.62	S00354804	8	0.5	0.5	24.8	0.5	170	0.5	0.51	225	2.5	14.4	1.5	59
MMC-18-12	40.95	41.95	1	S00354805	15	0.5	0.5	25.9	0.5	160	0.5	0.5	232	2.5	16.3	1.6	78
MMC-18-12	41.95	43.06	1.11	S00354806	16	0.5	0.5	26.2	0.5	120	0.5	0.48	232	2.5	12.6	1.2	68
MMC-18-12	43.06	44.49	1.43	S00354807	11	0.5	0.5	37.5	0.5	20	0.5	0.14	29	2.5	7.3	0.8	33
MMC-18-12	44.49	45.32	0.83	S00354808	7	0.5	0.5	39.6	0.5	20	0.5	0.06	13	2.5	5.2	0.5	31
MMC-18-12	45.32	46.41	1.09	S00354809	4	0.5	0.5	39.8	0.5	30	0.5	0.13	43	2.5	6.5	0.6	23
MMC-18-12	46.41	46.92	0.51	S00354811	7	0.5	0.5	38.9	15	70	0.5	0.19	55	2.5	9.4	1	31
MMC-18-12	46.92	47.56	0.64	S00354812	7	0.5	0.5	31.1	0.5	120	0.5	0.4	183	2.5	11.5	1.1	63
MMC-18-12	47.56	48.11	0.55	S00354813	7	0.5	0.5	28.6	0.5	140	0.5	0.46	170	2.5	14.8	1.4	70
MMC-18-12	48.11	48.69	0.58	S00354814	6	0.5	0.5	39.9	0.5	40	0.5	0.11	25	2.5	4.1	0.4	25
MMC-18-12	48.69	49.77	1.08	S00354815	9	0.5	0.5	27.4	0.5	180	0.5	0.69	142	2.5	15.1	1.6	72
MMC-18-12	49.77	50.21	0.44	S00354976	10	0.5	0.5	31.4	0.5	160	0.5	0.66	183	2.5	15.2	1.5	80
MMC-18-12	50.21	51.4	1.19	S00354816	11	0.5	0.5	28.1	0.5	200	0.5	0.56	179	2.5	20	1.9	80
MMC-18-12	51.4	51.85	0.45	S00354817	18	0.5	0.5	27.1	0.5	210	0.5	0.67	176	2.5	19.2	1.8	86
MMC-18-12	51.85	52.49	0.64	S00354818	10	0.5	0.5	28.3	0.5	170	0.5	0.49	180	2.5	15.1	1.5	80
MMC-18-12	52.49	52.94	0.45	S00354819	10	0.5	0.5	28.4	0.5	210	0.5	0.51	203	2.5	17.8	1.7	82
MMC-18-12	52.94	53.76	0.82	S00354821	10	0.5	0.5	28.9	0.5	210	0.5	0.49	234	2.5	22.2	1.9	83
MMC-18-12	53.76	54.7	0.94	S00354822	10	0.5	0.5	28.1	0.5	210	0.5	0.46	232	2.5	22.1	2	84
MMC-18-12	54.7	56	1.3	S00354823	10	0.5	0.5	28.5	0.5	210	0.5	0.44	242	2.5	23.9	2.1	82
MMC-18-12	56	56.9	0.9	S00354824	9	0.5	0.5	28.9	0.5	210	0.5	0.43	231	2.5	23.5	2.2	79
MMC-18-12	56.9	57.56	0.66	S00354825	13	0.5	0.5	27	1	190	0.5	0.4	235	2.5	24.9	2.4	91
MMC-18-12	57.56	58.33	0.77	S00354826	10	0.5	0.5	28.5	2	220	0.5	0.7	183	2.5	26.2	2.4	90
MMC-18-12	58.33	59.4	1.07	S00354827	12	0.5	0.5	27.5	4	210	0.5	0.68	172	2.5	26.8	2.6	85
MMC-18-12	59.4	60.73	1.33	S00354828	9	0.5	0.5	28.9	1	190	0.5	0.67	132	2.5	32.2	2.9	83
MMC-18-12	60.73	61.73	1	S00354829	9	0.5	0.5	29.3	2	200	0.5	0.77	162	2.5	31.3	2.8	88
MMC-18-12	61.73	62.85	1.12	S00354831	9	0.5	0.5	28.9	1	200	0.5	0.76	180	2.5	33.2	2.8	106
MMC-18-12	62.85	64.05	1.2	S00354832	9	0.5	0.5	28.9	2	200	0.5	0.79	159	2.5	31.9	2.9	92
MMC-18-12	64.05	64.68	0.63	S00354833	17	0.5	0.5	29.3	2	210	0.5	0.77	161	2.5	31.6	2.9	90
MMC-18-12	64.68	65.09	0.41	S00354834	64	3.14	0.5	25.5	0.5	190	0.5	0.83	176	2.5	30.5	2.8	97
MMC-18-12	65.09	65.84	0.75	S00354835	10	0.5	0.5	27.5	2	200	0.5	0.77	159	2.5	29.5	2.8	86
MMC-18-12	65.84	66.68	0.84	S00354836	11	0.5	2	28.1	6	230	0.5	0.78	179	2.5	29.3	2.7	92
MMC-18-12	66.68	67.03	0.35	S00354837	10	0.5	1	27.5	2	210	0.5	0.74	167	2.5	29.4	2.8	95

Hole number	From	To	LENGTH	Sample Number	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM
MMC-18-12	67.03	67.79	0.76	S00354838	9	0.5	1	24.3	2	160	0.5	0.66	158	2.5	22.6	2.6	93
MMC-18-12	67.79	69.17	1.38	S00354839	10	0.5	0.5	24.6	2	160	0.5	0.69	152	2.5	24.9	2.6	100
MMC-18-12	69.17	70.23	1.06	S00354841	9	0.5	0.5	23.5	2	150	0.5	0.65	150	2.5	23.9	2.8	146
MMC-18-12	70.23	71.63	1.4	S00354842	9	0.5	0.5	24.1	2	150	0.5	0.62	144	2.5	23.5	2.6	93
MMC-18-12	71.63	72.86	1.23	S00354843	8	0.5	0.5	25.3	2	160	0.5	0.66	150	2.5	25.3	2.8	95
MMC-18-12	72.86	73.77	0.91	S00354844	9	0.5	0.5	24.4	2	150	0.5	0.64	147	2.5	24.6	2.7	94
MMC-18-12	73.77	75	1.23	S00354845	8	0.5	0.5	24.9	2	150	0.5	0.68	151	2.5	23.8	2.5	95
MMC-18-12	75	75.7	0.7	S00354846	9	0.5	0.5	24.6	2	160	0.5	0.65	149	2.5	25.5	2.7	89
MMC-18-12	75.7	76.3	0.6	S00354847	10	0.5	0.5	24.6	2	170	0.5	0.68	166	2.5	24.6	2.8	96
MMC-18-12	76.3	77.4	1.1	S00354848	8	0.5	0.5	23.7	2	120	0.5	0.79	227	2.5	21.9	2.7	120
MMC-18-12	77.4	78.26	0.86	S00354849	8	0.5	0.5	23.9	2	150	0.5	0.69	186	2.5	21.5	2.4	102
MMC-18-12	78.26	79.44	1.18	S00354851	14	0.5	0.5	26.9	1	170	0.5	0.64	302	2.5	24.2	2.4	142
MMC-18-12	79.44	79.86	0.42	S00354852	11	0.5	0.5	26.3	1	200	0.5	0.58	283	2.5	22.7	2.4	111
MMC-18-12	79.86	80.88	1.02	S00354853	11	0.5	0.5	27.9	2	180	0.5	0.63	266	2.5	22.4	2.3	119
MMC-18-12	80.88	81.67	0.79	S00354977	11	0.5	1	27	1	180	0.5	0.9	284	2.5	19.8	1.9	109
MMC-18-12	81.67	82.35	0.68	S00354978	11	0.5	0.5	26.5	1	180	0.5	0.86	264	2.5	21.5	2.1	100
MMC-18-12	82.35	82.78	0.43	S00354854	10	0.5	0.5	25.5	1	180	0.5	0.67	249	2.5	23.2	2.1	95
MMC-18-12	82.78	83.67	0.89	S00354855	10	0.5	0.5	26.6	1	180	0.5	0.52	284	2.5	18	1.9	96
MMC-18-12	83.67	84.66	0.99	S00354856	14	4.15	0.5	24.3	0.5	170	4	0.47	323	2.5	16	1.7	79
MMC-18-12	84.66	85.91	1.25	S00354857	11	1.7	0.5	26.5	0.5	180	2	0.45	313	2.5	16.7	1.7	75
MMC-18-12	85.91	87.06	1.15	S00354858	10	1.49	0.5	24.6	0.5	170	1	0.4	309	2.5	14	1.5	76
MMC-18-12	87.06	87.43	0.37	S00354859	14	8.26	0.5	22.8	0.5	160	5	0.38	257	2.5	13.3	1.4	110
MMC-18-12	87.43	87.7	0.27	S00354861	11	2.9	0.5	25.4	0.5	170	2	0.36	323	2.5	13.5	1.6	87
MMC-18-12	87.7	88.18	0.48	S00354862	198	8.75	0.5	22.3	0.5	130	4	0.32	277	2.5	12.4	1.2	1080
MMC-18-12	88.18	88.71	0.53	S00354863	11	3.5	0.5	24.7	0.5	140	4	0.39	346	2.5	13.3	1.5	74
MMC-18-12	88.71	89.39	0.68	S00354865	6	0.5	0.5	40	0.5	30	0.5	0.03	8	2.5	2.4	0.3	7
MMC-18-12	89.39	89.77	0.38	S00354866	9	1.15	0.5	31.4	0.5	90	0.5	0.6	213	2.5	19.8	2.1	71
MMC-18-12	89.77	90.3	0.53	S00354867	11	8.32	0.5	21.8	0.5	110	5	0.41	291	2.5	11.3	1.3	63
MMC-18-12	90.3	91.1	0.8	S00354869	12	3.33	0.5	25.7	0.5	180	3	0.48	321	2.5	15.4	1.7	80
MMC-18-12	91.1	91.84	0.74	S00354871	12	2.18	0.5	24.3	0.5	180	3	0.47	308	2.5	17.1	1.8	77
MMC-18-12	91.84	92.52	0.68	S00354872	12	2.2	0.5	24.4	0.5	180	2	0.41	290	2.5	15.5	1.7	77
MMC-18-12	92.52	93.16	0.64	S00354873	14	4.06	0.5	23.3	0.5	170	5	0.39	290	2.5	13.2	1.4	87
MMC-18-12	93.16	93.93	0.77	S00354874	14	4.99	0.5	22.8	0.5	160	6	0.39	275	2.5	13.1	1.5	92
MMC-18-12	93.93	94.75	0.82	S00354875	13	4.38	0.5	22.3	0.5	150	5	0.33	277	2.5	10.8	1.3	92
MMC-18-12	94.75	95.35	0.6	S00354876	12	3.97	0.5	23.1	1	140	5	0.3	335	2.5	10.9	1.2	109
MMC-18-12	95.35	96.5	1.15	S00354878	13	3.23	0.5	23.4	2	150	6	0.34	337	2.5	11.2	1.3	104
MMC-18-12	96.5	97.71	1.21	S00354879	13	3.94	0.5	22.1	2	130	7	0.33	329	2.5	11	1.2	100
MMC-18-12	97.71	98.99	1.28	S00354881	15	4.13	0.5	23.5	1	140	7	0.34	358	2.5	12.2	1.3	104
MMC-18-12	98.99	99.82	0.83	S00354882	16	4.06	0.5	21.5	0.5	130	6	0.34	356	2.5	11.7	1.4	109
MMC-18-12	99.82	100.73	0.91	S00354883	18	3.59	0.5	22	1	120	6	0.33	339	2.5	11.2	1.3	99
MMC-18-12	100.73	101.4	0.67	S00354884	17	1.99	0.5	25.2	1	160	5	0.34	372	2.5	11.7	1.2	100
MMC-18-12	101.4	102.69	1.29	S00354886	15	3.35	0.5	24.3	1	140	7	0.39	383	2.5	14.2	1.5	103
MMC-18-12	102.69	103.75	1.06	S00354887	18	3.17	2	23.4	1	150	7	0.39	375	2.5	13.7	1.4	98
MMC-18-12	103.75	104.87	1.12	S00354888	18	3.95	0.5	22.8	2	130	7	0.39	367	2.5	12.5	1.4	112
MMC-18-12	104.87	106.4	1.53	S00354889	20	3.37	0.5	21.6	2	140	7	0.35	336	2.5	11.3	1.3	120

Hole number	From	To	LENGTH	Sample Number	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM
MMC-18-12	106.4	107.6	1.2	S00354891	22	3.52	0.5	23.6	2	130	7	0.34	367	2.5	12.1	1.3	122
MMC-18-12	107.6	108.82	1.22	S00354892	22	3.61	0.5	22.7	2	110	7	0.32	354	2.5	10.5	1.2	114
MMC-18-12	108.82	109.95	1.13	S00354893	20	3.45	0.5	22.9	2	90	6	0.33	369	2.5	10.4	1.2	123
MMC-18-12	109.95	111.05	1.1	S00354894	23	3.31	0.5	21.7	2	100	7	0.37	358	2.5	12.2	1.2	124
MMC-18-12	111.05	112.22	1.17	S00354895	27	2.6	0.5	22.9	6	110	6	0.41	353	2.5	13.6	1.4	114
MMC-18-12	112.22	113.59	1.37	S00354896	30	2.7	1	22.4	1	100	5	0.43	339	7	13.7	1.6	111
MMC-18-12	113.59	114.2	0.61	S00354897	28	1.25	2	27.7	0.5	130	3	0.32	189	2.5	17.6	1.9	66
MMC-18-12	114.2	114.81	0.61	S00354898	14	1.67	2	23.4	0.5	90	3	0.31	175	2.5	29.3	3.2	92
MMC-18-12	114.81	116.08	1.27	S00354899	37	2.65	2	23.6	6	100	6	0.41	342	2.5	14.4	1.5	146
MMC-18-12	116.08	117.25	1.17	S00354901	41	2.45	0.5	21.9	0.5	120	6	0.39	313	2.5	14	1.6	131
MMC-18-12	117.25	118.29	1.04	S00354902	30	2.33	0.5	22.6	0.5	120	5	0.4	335	2.5	13.7	1.7	133
MMC-18-12	118.29	119.45	1.16	S00354903	25	1.81	0.5	20.4	0.5	110	5	0.38	333	2.5	11.6	1.4	126
MMC-18-12	119.45	120.81	1.36	S00354904	27	1.85	0.5	21.1	0.5	130	4	0.38	332	2.5	13.2	1.3	123
MMC-18-12	120.81	121.77	0.96	S00354905	29	1.32	0.5	21.3	0.5	130	4	0.38	329	2.5	12.3	1.4	124
MMC-18-12	121.77	122.79	1.02	S00354906	33	0.5	0.5	22	0.5	140	2	0.36	373	2.5	10.9	1.3	122
MMC-18-12	122.79	123.53	0.74	S00354907	37	0.5	0.5	21.4	0.5	120	2	0.35	359	2.5	10.7	1.3	110
MMC-18-12	123.53	124.54	1.01	S00354908	22	1.8	0.5	21.7	0.5	100	5	0.34	339	2.5	12	1.3	126
MMC-18-12	124.54	125.45	0.91	S00354909	25	2.03	0.5	23.3	0.5	120	4	0.39	310	2.5	13.3	1.3	145
MMC-18-12	125.45	126.21	0.76	S00354912	23	1.85	0.5	22.5	0.5	120	4	0.36	293	2.5	12.1	1.2	139
MMC-18-12	126.88	128	1.12	S00354913	31	1.33	0.5	20.1	0.5	150	3	0.36	218	2.5	12	1.4	113
MMC-18-12	128	129.1	1.1	S00354914	33	0.5	0.5	23.2	0.5	190	2	0.37	269	2.5	13.1	1.3	119
MMC-18-12	129.1	130.43	1.33	S00354916	23	0.5	0.5	25.3	0.5	220	0.5	0.48	238	2.5	14.7	1.5	91
MMC-18-12	130.43	131.74	1.31	S00354917	21	2.19	0.5	20.7	0.5	160	4	0.35	204	2.5	12	1.4	123
MMC-18-12	131.74	132.66	0.92	S00354918	19	2.77	0.5	23.3	1	150	5	0.38	246	2.5	12.9	1.4	142
MMC-18-12	132.66	133.82	1.16	S00354919	21	2.24	0.5	21.5	0.5	140	5	0.34	232	2.5	12.2	1.3	123
MMC-18-12	133.82	134.74	0.92	S00354921	24	2.31	0.5	22.6	0.5	150	5	0.37	215	2.5	13.2	1.4	127
MMC-18-12	134.74	135.82	1.08	S00354922	21	1.96	0.5	22.1	0.5	170	4	0.36	195	2.5	14	1.4	108
MMC-18-12	135.82	137	1.18	S00354923	20	2.67	0.5	23.3	0.5	170	5	0.37	190	2.5	13.8	1.3	126
MMC-18-12	137	138.22	1.22	S00354924	17	2.77	0.5	20.8	0.5	150	6	0.34	191	2.5	12.1	1.2	120
MMC-18-12	138.22	139.5	1.28	S00354925	19	2.46	0.5	22	0.5	150	5	0.34	205	2.5	12.1	1.3	124
MMC-18-12	139.5	140.73	1.23	S00354926	16	2.17	0.5	20.2	0.5	140	6	0.35	194	2.5	11.7	1.3	116
MMC-18-12	140.73	142	1.27	S00354927	16	1.98	0.5	19	0.5	130	4	0.32	188	2.5	11.3	1.3	119
MMC-18-12	142	142.89	0.89	S00354928	16	1.56	0.5	19.9	0.5	140	3	0.32	188	2.5	12	1.3	130
MMC-18-12	142.89	144.15	1.26	S00354929	14	0.5	0.5	21.1	0.5	160	2	0.35	188	2.5	12.4	1.4	100
MMC-18-12	144.15	145.6	1.45	S00354931	13	0.5	0.5	22.3	0.5	170	3	0.38	194	2.5	13.3	1.4	110
MMC-18-12	145.6	146.3	0.7	S00354932	13	0.5	0.5	20.7	0.5	150	2	0.41	183	2.5	13.1	1.5	117
MMC-18-12	146.3	146.76	0.46	S00354933	11	0.5	0.5	23.7	0.5	170	0.5	0.41	174	2.5	14	1.5	92
MMC-18-12	146.76	147.54	0.78	S00354934	12	0.5	0.5	21.3	0.5	160	2	0.4	171	2.5	13.8	1.5	116
MMC-18-12	147.54	148.1	0.56	S00354935	12	0.5	0.5	20.1	0.5	160	2	0.38	191	2.5	14	1.6	122
MMC-18-12	148.1	148.4	0.3	S00354936	14	0.5	0.5	21.8	0.5	190	1	0.41	188	2.5	14.2	1.6	86
MMC-18-12	148.4	149.17	0.77	S00354937	8	0.5	0.5	22.3	0.5	150	0.5	0.45	181	2.5	15.1	1.5	88
MMC-18-12	149.17	149.65	0.48	S00354938	12	0.5	0.5	22.7	0.5	190	0.5	0.45	208	2.5	16.2	1.8	106
MMC-18-12	149.65	150.51	0.86	S00354939	9	0.5	0.5	23	0.5	180	0.5	0.48	214	2.5	17.5	1.8	85
MMC-18-12	150.51	151.3	0.79	S00354941	12	1.18	0.5	20.2	0.5	180	1	0.43	214	2.5	15.3	1.8	99
MMC-18-12	151.3	152.72	1.42	S00354942	12	0.5	0.5	24.6	0.5	200	0.5	0.51	224	2.5	17.8	1.7	94

Hole number	From	To	LENGTH	Sample Number	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM
MMC-18-12	152.72	154	1.28	S00354943	10	0.5	0.5	23.4	0.5	180	0.5	0.48	213	2.5	16.6	1.7	91
MMC-18-12	154	154.42	0.42	S00354944	4	0.5	0.5	31.1	0.5	30	0.5	0.05	32	2.5	1.8	0.3	27
MMC-18-12	154.42	155.62	1.2	S00354945	10	0.5	0.5	22.6	0.5	190	0.5	0.45	229	2.5	17	1.8	89
MMC-18-12	155.62	157.08	1.46	S00354946	12	0.5	0.5	22	0.5	180	0.5	0.4	201	2.5	14.7	1.6	90
MMC-18-12	157.08	157.97	0.89	S00354947	9	0.5	0.5	23.3	0.5	170	0.5	0.45	216	2.5	16.2	1.7	93
MMC-18-12	157.97	158.3	0.33	S00354948	7	0.5	0.5	32.2	0.5	120	0.5	0.05	57	2.5	5.7	0.6	28
MMC-18-12	158.3	159.17	0.87	S00354949	9	0.5	0.5	23.3	0.5	150	0.5	0.46	226	2.5	16.5	1.6	115
MMC-18-12	159.17	159.59	0.42	S00354951	8	0.5	0.5	23.6	0.5	170	0.5	0.54	246	2.5	14.3	1.6	106
MMC-18-12	159.59	160.98	1.39	S00354952	8	0.5	0.5	23.8	0.5	180	0.5	0.48	220	2.5	14.6	1.6	102
MMC-18-12	160.98	162.27	1.29	S00354953	10	0.5	0.5	23	0.5	200	0.5	0.53	227	2.5	15.7	1.7	90
MMC-18-12	162.27	163.39	1.12	S00354954	9	0.5	0.5	23	0.5	200	0.5	0.53	231	2.5	16.6	1.9	102
MMC-18-12	163.39	163.67	0.28	S00354955	8	0.5	0.5	22.5	1	180	0.5	0.6	256	2.5	18.1	1.8	98
MMC-18-12	163.67	164.31	0.64	S00354957	9	0.5	0.5	24.4	1	200	0.5	0.57	256	2.5	17.6	2	97
MMC-18-12	164.31	164.66	0.35	S00354958	10	0.5	0.5	21.7	1	200	0.5	0.61	274	2.5	19.2	2.1	92
MMC-18-12	164.66	165.73	1.07	S00354959	8	0.5	0.5	24.8	1	170	0.5	0.55	251	2.5	17.2	1.8	94
MMC-18-12	165.73	166.63	0.9	S00354961	9	0.5	0.5	24.4	1	180	0.5	0.55	255	2.5	18.1	1.8	114
MMC-18-12	166.63	167.37	0.74	S00354962	9	0.5	0.5	25.3	0.5	200	0.5	0.57	270	2.5	18	1.9	94
MMC-18-12	167.37	167.68	0.31	S00354963	12	0.5	0.5	23.5	1	190	0.5	0.48	275	2.5	15.9	1.5	110
MMC-18-12	167.68	168.87	1.19	S00354964	9	0.5	0.5	24.1	0.5	200	0.5	0.57	274	2.5	18.2	1.8	103
MMC-18-12	168.87	169.72	0.85	S00354965	23	0.5	0.5	27.3	0.5	150	0.5	0.47	226	2.5	14.3	1.4	177
MMC-18-12	169.72	171.12	1.4	S00354966	8	0.5	0.5	25.3	0.5	200	0.5	0.52	275	2.5	16.6	1.6	100
MMC-18-12	171.12	172.54	1.42	S00354967	10	0.5	0.5	22.5	1	190	0.5	0.46	248	2.5	14.6	1.6	90
MMC-18-12	172.54	173.62	1.08	S00354968	8	0.5	0.5	23.3	0.5	190	0.5	0.49	254	2.5	14.6	1.5	93
MMC-18-12	173.62	174.28	0.66	S00354969	8	0.5	0.5	22.8	0.5	180	0.5	0.5	251	2.5	15.8	1.6	98
MMC-18-12	174.28	175.45	1.17	S00354971	8	0.5	0.5	22.9	0.5	200	0.5	0.47	275	2.5	15.1	1.6	92
MMC-18-12	175.45	176.25	0.8	S00354972	7	0.5	0.5	23	0.5	180	0.5	0.47	250	2.5	14.3	1.4	88
MMC-18-12	186.71	187.11	0.4	S00354973	9	0.5	0.5	23.3	0.5	200	0.5	0.46	267	2.5	14.5	1.4	99
MMC-18-12	187.11	196.26	9.15	S00354974	8	0.5	0.5	27.2	0.5	160	0.5	0.42	226	2.5	13	1.3	71

Hole number	From	To	LENGTH	Sample Number	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-12	28	28.45	0.45	S00354789		0.00054	0.0044	0.0055	0.006
MMC-18-12	30.36	30.83	0.47	S00354791		0.00099	0.0065	0.0023	0.006
MMC-18-12	32.12	32.97	0.85	S00354792		0.00361	0.0062	0.0099	0.0095
MMC-18-12	32.97	34.13	1.16	S00354793		0.00372	0.0069	0.0105	0.0095
MMC-18-12	34.13	34.67	0.54	S00354794		0.0048	0.0062	0.0111	0.0105
MMC-18-12	34.67	35.21	0.54	S00354795		0.00237	0.0037	0.0061	0.0065
MMC-18-12	35.21	36.2	0.99	S00354796		0.00294	0.0039	0.0065	0.0085
MMC-18-12	36.2	36.92	0.72	S00354797		0.00052	0.0024	0.0014	0.006
MMC-18-12	36.92	37.35	0.43	S00354798		0.00253	0.0044	0.0059	0.0085
MMC-18-12	37.35	37.81	0.46	S00354799		0.0017	0.0026	0.0037	0.0065
MMC-18-12	37.81	38.46	0.65	S00354801		0.00213	0.0036	0.005	0.006
MMC-18-12	38.46	39.24	0.78	S00354802		0.00079	0.0023	0.0016	0.006
MMC-18-12	39.24	40.33	1.09	S00354803		0.00336	0.0061	0.0078	0.0085
MMC-18-12	40.33	40.95	0.62	S00354804		0.00406	0.0085	0.0098	0.0105
MMC-18-12	40.95	41.95	1	S00354805		0.00409	0.0089	0.0102	0.0105
MMC-18-12	41.95	43.06	1.11	S00354806		0.00363	0.0042	0.0094	0.0105
MMC-18-12	43.06	44.49	1.43	S00354807		0.00082	0.0045	0.0019	0.006
MMC-18-12	44.49	45.32	0.83	S00354808		0.00043	0.0024	0.001	0.006
MMC-18-12	45.32	46.41	1.09	S00354809		0.0009	0.0027	0.002	0.006
MMC-18-12	46.41	46.92	0.51	S00354811		0.00174	0.0069	0.0036	0.0065
MMC-18-12	46.92	47.56	0.64	S00354812		0.00301	0.0029	0.0072	0.0085
MMC-18-12	47.56	48.11	0.55	S00354813		0.00316	0.0059	0.0072	0.0095
MMC-18-12	48.11	48.69	0.58	S00354814		0.00123	0.0081	0.0025	0.006
MMC-18-12	48.69	49.77	1.08	S00354815		0.0032	0.0095	0.0041	0.0075
MMC-18-12	49.77	50.21	0.44	S00354976		0.00334	0.0026	0.0042	0.0075
MMC-18-12	50.21	51.4	1.19	S00354816		0.00336	0.0085	0.0056	0.0075
MMC-18-12	51.4	51.85	0.45	S00354817		0.00379	0.0153	0.0072	0.0095
MMC-18-12	51.85	52.49	0.64	S00354818		0.00401	0.0101	0.0099	0.0115
MMC-18-12	52.49	52.94	0.45	S00354819		0.00342	0.0024	0.0077	0.0095
MMC-18-12	52.94	53.76	0.82	S00354821		0.00443	0.0179	0.0097	0.0095
MMC-18-12	53.76	54.7	0.94	S00354822		0.00349	0.0037	0.0078	0.0085
MMC-18-12	54.7	56	1.3	S00354823		0.00429	0.0077	0.0095	0.0105
MMC-18-12	56	56.9	0.9	S00354824		0.0033	0.0059	0.01	0.0095
MMC-18-12	56.9	57.56	0.66	S00354825		0.00426	0.0129	0.0128	0.0105
MMC-18-12	57.56	58.33	0.77	S00354826		0.00396	0.0127	0.0049	0.0075
MMC-18-12	58.33	59.4	1.07	S00354827		0.00347	0.0076	0.0038	0.0085
MMC-18-12	59.4	60.73	1.33	S00354828		0.003	0.0035	0.0027	0.006
MMC-18-12	60.73	61.73	1	S00354829		0.0033	0.009	0.0026	0.006
MMC-18-12	61.73	62.85	1.12	S00354831		0.00339	0.0079	0.0041	0.0075
MMC-18-12	62.85	64.05	1.2	S00354832		0.0034	0.0119	0.0028	0.0065
MMC-18-12	64.05	64.68	0.63	S00354833		0.00332	0.0113	0.0029	0.0075
MMC-18-12	64.68	65.09	0.41	S00354834		0.0136	0.0385	0.0141	0.0085
MMC-18-12	65.09	65.84	0.75	S00354835		0.00331	0.0127	0.0031	0.0065
MMC-18-12	65.84	66.68	0.84	S00354836		0.00313	0.0087	0.003	0.0065
MMC-18-12	66.68	67.03	0.35	S00354837		0.00373	0.0084	0.0031	0.0085

Hole number	From	To	LENGTH	Sample Number	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-12	67.03	67.79	0.76	S00354838		0.00315	0.0087	0.0037	0.006
MMC-18-12	67.79	69.17	1.38	S00354839		0.00318	0.008	0.0042	0.0075
MMC-18-12	69.17	70.23	1.06	S00354841		0.00311	0.01	0.0044	0.0075
MMC-18-12	70.23	71.63	1.4	S00354842		0.00295	0.0093	0.0036	0.0065
MMC-18-12	71.63	72.86	1.23	S00354843		0.00306	0.009	0.0041	0.006
MMC-18-12	72.86	73.77	0.91	S00354844		0.00301	0.0092	0.0031	0.006
MMC-18-12	73.77	75	1.23	S00354845		0.00305	0.0086	0.0032	0.006
MMC-18-12	75	75.7	0.7	S00354846		0.00305	0.0085	0.0032	0.006
MMC-18-12	75.7	76.3	0.6	S00354847		0.00337	0.009	0.0055	0.0065
MMC-18-12	76.3	77.4	1.1	S00354848		0.00404	0.0067	0.0048	0.0075
MMC-18-12	77.4	78.26	0.86	S00354849		0.00363	0.0103	0.0045	0.0085
MMC-18-12	78.26	79.44	1.18	S00354851		0.00555	0.018	0.013	0.0115
MMC-18-12	79.44	79.86	0.42	S00354852		0.00426	0.0066	0.0106	0.0135
MMC-18-12	79.86	80.88	1.02	S00354853		0.00498	0.0109	0.0107	0.0095
MMC-18-12	80.88	81.67	0.79	S00354977		0.00541	0.0105	0.0062	0.0095
MMC-18-12	81.67	82.35	0.68	S00354978		0.00466	0.015	0.0043	0.008
MMC-18-12	82.35	82.78	0.43	S00354854		0.00446	0.0138	0.0088	0.011
MMC-18-12	82.78	83.67	0.89	S00354855		0.00438	0.0033	0.0076	0.0095
MMC-18-12	83.67	84.66	0.99	S00354856		0.0305	0.149	0.381	0.602
MMC-18-12	84.66	85.91	1.25	S00354857		0.0141	0.0842	0.156	0.18
MMC-18-12	85.91	87.06	1.15	S00354858		0.0132	0.0628	0.109	0.179
MMC-18-12	87.06	87.43	0.37	S00354859		0.0487	0.72	0.577	0.46
MMC-18-12	87.43	87.7	0.27	S00354861		0.0236	0.158	0.221	0.283
MMC-18-12	87.7	88.18	0.48	S00354862		0.0552	0.388	0.639	0.326
MMC-18-12	88.18	88.71	0.53	S00354863		0.0263	0.148	0.302	0.588
MMC-18-12	88.71	89.39	0.68	S00354865		0.00094	0.0184	0.009	0.02
MMC-18-12	89.39	89.77	0.38	S00354866		0.0101	0.118	0.0877	0.022
MMC-18-12	89.77	90.3	0.53	S00354867		0.0534	0.0808	0.696	0.556
MMC-18-12	90.3	91.1	0.8	S00354869		0.026	0.195	0.319	0.387
MMC-18-12	91.1	91.84	0.74	S00354871		0.0202	0.138	0.233	0.463
MMC-18-12	91.84	92.52	0.68	S00354872		0.0199	0.142	0.245	0.445
MMC-18-12	92.52	93.16	0.64	S00354873		0.0353	0.363	0.436	0.75
MMC-18-12	93.16	93.93	0.77	S00354874		0.0403	0.462	0.521	1.044
MMC-18-12	93.93	94.75	0.82	S00354875		0.0353	0.469	0.452	1.058
MMC-18-12	94.75	95.35	0.6	S00354876		0.033	0.592	0.442	1.068
MMC-18-12	95.35	96.5	1.15	S00354878		0.0293	0.53	0.449	1.387
MMC-18-12	96.5	97.71	1.21	S00354879		0.0333	0.568	0.549	1.35
MMC-18-12	97.71	98.99	1.28	S00354881		0.0363	0.545	0.597	1.29
MMC-18-12	98.99	99.82	0.83	S00354882		0.0368	0.533	0.608	1.12
MMC-18-12	99.82	100.73	0.91	S00354883		0.0323	0.382	0.526	1.302
MMC-18-12	100.73	101.4	0.67	S00354884		0.0222	0.356	0.347	1.029
MMC-18-12	101.4	102.69	1.29	S00354886		0.0283	0.492	0.61	1.409
MMC-18-12	102.69	103.75	1.06	S00354887		0.0405	0.502	0.629	1.564
MMC-18-12	103.75	104.87	1.12	S00354888		0.034	0.674	0.634	1.664
MMC-18-12	104.87	106.4	1.53	S00354889		0.0315	0.737	0.536	1.616

Hole number	From	To	LENGTH	Sample Number	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-12	106.4	107.6	1.2	S00354891		0.0375	0.682	0.625	1.689
MMC-18-12	107.6	108.82	1.22	S00354892		0.0361	0.669	0.564	1.653
MMC-18-12	108.82	109.95	1.13	S00354893		0.0354	0.665	0.555	1.491
MMC-18-12	109.95	111.05	1.1	S00354894		0.0334	0.702	0.57	1.452
MMC-18-12	111.05	112.22	1.17	S00354895		0.028	0.663	0.501	1.309
MMC-18-12	112.22	113.59	1.37	S00354896		0.0308	0.559	0.483	1.203
MMC-18-12	113.59	114.2	0.61	S00354897		0.0196	0.128	0.233	0.687
MMC-18-12	114.2	114.81	0.61	S00354898		0.0268	0.201	0.262	0.865
MMC-18-12	114.81	116.08	1.27	S00354899		0.0281	0.524	0.49	1.351
MMC-18-12	116.08	117.25	1.17	S00354901		0.0304	0.586	0.486	1.463
MMC-18-12	117.25	118.29	1.04	S00354902		0.0287	0.582	0.428	1.208
MMC-18-12	118.29	119.45	1.16	S00354903		0.0285	0.518	0.389	1.289
MMC-18-12	119.45	120.81	1.36	S00354904		0.028	0.47	0.428	1.252
MMC-18-12	120.81	121.77	0.96	S00354905		0.0232	0.415	0.327	0.988
MMC-18-12	121.77	122.79	1.02	S00354906		0.0187	0.242	0.19	0.767
MMC-18-12	122.79	123.53	0.74	S00354907		0.0171	0.23	0.174	0.646
MMC-18-12	123.53	124.54	1.01	S00354908		0.03	0.498	0.416	1.475
MMC-18-12	124.54	125.45	0.91	S00354909		0.032	0.505	0.43	1.16
MMC-18-12	125.45	126.21	0.76	S00354912		0.0278	0.507	0.413	1.102
MMC-18-12	126.88	128	1.12	S00354913		0.0215	0.408	0.315	1.013
MMC-18-12	128	129.1	1.1	S00354914		0.0152	0.405	0.189	0.547
MMC-18-12	129.1	130.43	1.33	S00354916		0.00731	0.0138	0.0297	0.112
MMC-18-12	130.43	131.74	1.31	S00354917		0.0264	0.512	0.411	1.242
MMC-18-12	131.74	132.66	0.92	S00354918		0.0345	0.604	0.504	1.367
MMC-18-12	132.66	133.82	1.16	S00354919		0.0297	0.577	0.456	1.471
MMC-18-12	133.82	134.74	0.92	S00354921		0.03	0.528	0.424	1.199
MMC-18-12	134.74	135.82	1.08	S00354922		0.0234	0.496	0.404	1.304
MMC-18-12	135.82	137	1.18	S00354923		0.0264	0.635	0.484	1.441
MMC-18-12	137	138.22	1.22	S00354924		0.0293	0.662	0.505	1.619
MMC-18-12	138.22	139.5	1.28	S00354925		0.0305	0.621	0.494	1.508
MMC-18-12	139.5	140.73	1.23	S00354926		0.0292	0.6	0.456	1.531
MMC-18-12	140.73	142	1.27	S00354927		0.0283	0.54	0.405	1.348
MMC-18-12	142	142.89	0.89	S00354928		0.0212	0.68	0.307	1.034
MMC-18-12	142.89	144.15	1.26	S00354929		0.0164	0.285	0.237	0.784
MMC-18-12	144.15	145.6	1.45	S00354931		0.0169	0.33	0.242	0.799
MMC-18-12	145.6	146.3	0.7	S00354932		0.017	0.38	0.236	0.808
MMC-18-12	146.3	146.76	0.46	S00354933		0.00745	0.053	0.0489	0.24
MMC-18-12	146.76	147.54	0.78	S00354934		0.0133	0.255	0.182	0.721
MMC-18-12	147.54	148.1	0.56	S00354935		0.00941	0.261	0.118	0.601
MMC-18-12	148.1	148.4	0.3	S00354936		0.00804	0.0943	0.112	0.436
MMC-18-12	148.4	149.17	0.77	S00354937		0.00622	0.106	0.0579	0.239
MMC-18-12	149.17	149.65	0.48	S00354938		0.00921	0.174	0.115	0.448
MMC-18-12	149.65	150.51	0.86	S00354939		0.00515	0.0109	0.0219	0.065
MMC-18-12	150.51	151.3	0.79	S00354941		0.0153	0.268	0.235	0.884
MMC-18-12	151.3	152.72	1.42	S00354942		0.00558	0.042	0.018	0.053

Hole number	From	To	LENGTH	Sample Number	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-12	152.72	154	1.28	S00354943		0.00483	0.0063	0.0142	0.022
MMC-18-12	154	154.42	0.42	S00354944		0.00129	0.0318	0.0096	0.0065
MMC-18-12	154.42	155.62	1.2	S00354945		0.00509	0.0098	0.0137	0.022
MMC-18-12	155.62	157.08	1.46	S00354946		0.00509	0.0238	0.0134	0.03
MMC-18-12	157.08	157.97	0.89	S00354947		0.00481	0.0101	0.017	0.04
MMC-18-12	157.97	158.3	0.33	S00354948		0.00134	0.107	0.0081	0.013
MMC-18-12	158.3	159.17	0.87	S00354949		0.00559	0.0032	0.0276	0.094
MMC-18-12	159.17	159.59	0.42	S00354951		0.00462	0.0396	0.0212	0.148
MMC-18-12	159.59	160.98	1.39	S00354952		0.00605	0.0973	0.0349	0.186
MMC-18-12	160.98	162.27	1.29	S00354953		0.00498	0.0137	0.0108	0.135
MMC-18-12	162.27	163.39	1.12	S00354954		0.00516	0.0111	0.0104	0.0105
MMC-18-12	163.39	163.67	0.28	S00354955		0.00646	0.0219	0.0624	0.036
MMC-18-12	163.67	164.31	0.64	S00354957		0.00481	0.0313	0.0128	0.014
MMC-18-12	164.31	164.66	0.35	S00354958		0.00671	0.0207	0.0744	0.055
MMC-18-12	164.66	165.73	1.07	S00354959		0.00404	0.0442	0.0124	0.022
MMC-18-12	165.73	166.63	0.9	S00354961		0.00484	0.183	0.0148	0.031
MMC-18-12	166.63	167.37	0.74	S00354962		0.00471	0.0362	0.0107	0.019
MMC-18-12	167.37	167.68	0.31	S00354963		0.00439	0.108	0.0118	0.032
MMC-18-12	167.68	168.87	1.19	S00354964		0.00467	0.0711	0.0115	0.021
MMC-18-12	168.87	169.72	0.85	S00354965		0.00386	0.0928	0.0097	0.017
MMC-18-12	169.72	171.12	1.4	S00354966		0.00489	0.0267	0.0113	0.016
MMC-18-12	171.12	172.54	1.42	S00354967		0.00468	0.0148	0.0107	0.0165
MMC-18-12	172.54	173.62	1.08	S00354968		0.00497	0.014	0.0111	0.015
MMC-18-12	173.62	174.28	0.66	S00354969		0.0059	0.0453	0.0126	0.021
MMC-18-12	174.28	175.45	1.17	S00354971		0.00477	0.0197	0.012	0.021
MMC-18-12	175.45	176.25	0.8	S00354972		0.00469	0.032	0.0118	0.022
MMC-18-12	186.71	187.11	0.4	S00354973		0.00641	0.0041	0.0142	0.0125
MMC-18-12	187.11	196.26	9.15	S00354974		0.00468	0.004	0.0112	0.0095



Hole number	Hole type	Hole size	Logged by	Target	Planned depth	Target Depth	Actual depth
MMC-18-13	DD	NQ	Phil/MarshallHall	Infill	175	75	175

Hole number	Core Photos	coordinates.Type	coordinates.Grid
MMC-18-13	MMC-18-13_Header_Core Photos_MMC-18-13_Bx_5-8_17.96-35.45_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_21-24_92.74-110.14_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_9-12_35.45-53.29_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_1-4_0.00-17.96_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_9-12_35.45-53.29_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_29-32_127.41-145.22_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_13-16_53.29-70.43_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_33-36_145.22-162.40_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_13-16_53.29-70.43_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_25-28_110.14-127.41_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_37-39_162.40-174.23_m_Dry_EOH.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_21-24_92.74-110.14_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_17-20_70.43-88.27_m_Wet.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_37-39_162.40-174.23_m_Wet_EOH.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_1-4_0.00-17.96_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_5-8_17.96-35.45_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_29-32_127.41-145.22_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_17-20_70.43-88.27_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_33-36_145.22-162.40_m_Dry.JPG   MMC-18-13_Header_Core Photos_MMC-18-13_Bx_25-28_110.14-127.41_m_Wet.JPG	Planned	NAD83 / UTM zone 17N

Hole number	converted.coordinates.Grid	coordinates.Northing	converted.coordinates.Northing	coordinates.Easting	converted.coordinates.Easting	coordinates.Elevation
MMC-18-13	NAD83 / UTM zone 17N	5133521	5133521	436294	436294	323

Hole number	Purpose	Casing	Core location	Claim number	Logging started	Logging completed
MMC-18-13	Exp	Mt	Coreshed	PAT-42279	2018-12-06	2018-12-07

Hole number	Comments
MMC-18-13	Upper parts of hole (to ~51m has large blocky sections and meter marks are frequently reset at depth blocks with lost core attributed to blocky zone. Then at 83m There is nearly a 1m discrepancy in measured depth marks and driller blocks. Measurements are reset after the rubbly zone and taken forward from 86m block.

Hole number	Drilling started	Drilling completed	Drilling contractor
MMC-18-13	2018-12-02	2018-12-04	J & S

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-13	0	8.52	Overburden	OB	~9 m casing
MMC-18-13	8.52	8.76	Upper Unit	4D	dark very-fine grained strongly foliated mafic rock; probably highly altered biotite quartz diorite
MMC-18-13	8.76	9.3	Metasediments	1C	medium-grained silicified hornfels feldspathic quartzite; ~20-30% coarse plagioclase feldspar grains ~1 mm in size; 70-80% silicified matrix; remnant inclined bedding; dark diffuse alteration along bedding planes; strongly foliated; sharp contacts with biotite quartz diorite
MMC-18-13	9.3	9.53	Upper Unit	4D	biotite quartz diorite; fine-grained; gray-green; very strongly foliated defined by alignment of biotite, chlorite and quartz grains; mineralogy difficult to determine due to fine grain size and strong foliation but consists of grayish-green groundmass with rare 0.5 mm sized grains of quartz, plagioclase, and biotite visible.
MMC-18-13	9.53	10.4	Metasediments	1C	medium-coarse grained pinkish coloured silicified feldspathic quartzite intercalation
MMC-18-13	10.4	10.66	Veining	QV	bull quartz vein with ~5% disseminated chlorite? at margins of vein; vein is foliated the same as the metasediments and biotite quartz diorite
MMC-18-13	10.66	11.41	Metasediments	1C	hornfels silicified feldspathic quartzite with disseminated green minerals (chlorite? amphibole?) and diffuse mottled alteration
MMC-18-13	11.41	12.3	Unknown	UNK	very-coarse grained pinkish orange felsic intrusive composed of euhedral K-spar and quartz grains ~0.5-1 cm in size; severe dissolution occurred in this unit; ~10 cm intercalations of dark gray coarse grained quartzite
MMC-18-13	12.3	12.94	Metasediments	1A	hornfels strongly foliated feldspathic quartzite intercalation
MMC-18-13	12.94	13.46	Upper Unit	4D	biotite quartz diorite; fine-grained; dark gray; very strongly foliated defined by alignment of biotite and quartz grains; mineralogy difficult to determine due to fine grain size and strong foliation but consists of grayish-green groundmass with rare 0.5 mm sized grains of quartz and biotite visible.
MMC-18-13	13.46	16.22	Metasediments	1C	medium-grained silicified hornfels feldspathic quartzite; ~20-30% coarse plagioclase feldspar grains ~1 mm in size; 70-80% silicified matrix; remnant inclined bedding; dark diffuse alteration along bedding planes; strongly foliated; sharp contacts with biotite quartz diorite; intercalations of gray biotite quartz diorite ~5-20 cm thick and thin ~5 cm bull quartz veining.
MMC-18-13	16.22	16.56	Lost core	LC	lost core because of broken core
MMC-18-13	16.56	17.22	Upper Unit	4D	biotite quartz diorite; fine-grained; wallrock fragments of metasediments present at sharp contact of biotite quartz diorite and metasediments; dark gray; very strongly foliated defined by alignment of biotite and quartz grains; mineralogy difficult to determine due to fine grain size and strong foliation but consists of grayish-green groundmass with rare 0.5 mm sized grains of quartz and biotite visible.
MMC-18-13	17.22	21.16	Metasediments	1C	hornfels strongly foliated coarse-grained silicified feldspathic quartzite; coarse grains of quartz and plagioclase visible; ~10-30% plagioclase and ~70-90% quartz grains; minor amounts of fine-grained matrix defining foliation; minor intercalation of gray biotite quartz diorite @19.73-19.94
MMC-18-13	21.16	23.2	Upper Unit	4D	biotite quartz diorite; medium-grained; strongly foliated; sharp contacts with intercalated metasediments; ~85% very-fine grained gray-green groundmass, likely consists of biotite and chlorite; ~10% quartz, blue, anhedral, equant, ~0.5-1 mm in size; ~5% plagioclase grains, white, anhedral, equant, ~0.5 mm in size; clasts of metasediments and broken up quartz vein throughout this unit.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-13	23.2	29.53	Metasediments	1C	hornfels strongly foliated coarse-grained silicified feldspathic quartzite; coarse grains of quartz and plagioclase visible; ~10-30 % plagioclase and ~70-90% quartz grains; minor amounts of fine-grained matrix defining foliation; minor intercalation of gray bt qtz diorite ~10-30 cm thick; diffuse dark mottled alteration; @ ~25.00-25.54 m a brecciated section of metasediments with bt qtz diorite for matrix essentially
MMC-18-13	29.53	32.2	Upper Unit	4D	biotite quartz diorite; medium-grained; strongly foliated; sharp contacts with intercalated metasediments; ~85% very-fine grained gray-green groundmass, likely consists of biotite and chlorite; ~10% quartz, blue, anhedral, equant, ~0.5-1 mm in size; ~5% plagioclase grains, white, anhedral, equant, ~0.5 mm in size; clasts of metasediments and broken up quartz vein throughout this unit.
MMC-18-13	32.2	32.67	Upper Unit	4D	broken severely sheared core
MMC-18-13	32.67	32.85	Upper Unit	4D	the same biotite quartz diorite of the severely sheared section continued after the lost core; quartz+pink carbonate vein corsscutting along sheared diorite
MMC-18-13	32.85	36.93	Metasediments	1C	hornfels mottled silicified feldspathic quartzite similar to others; strongly foliated; intercalated with bt qtz diorite ~10-20 cm thick; massive chlorite vein @ 36.42-36.48 m mineralized with Cpy and Po
MMC-18-13	36.93	42.03	Upper Unit	4D	silicified? biotite quartz diorite; medium-grained; strongly foliated; broken up and foliated clasts of metasediments and quartz veins present; sharp upper contact and brecciated lower contact with metasediment clasts; ~70% quartz, clear, anhedral, euquant, ~1-3 mm in size, rare fine-grained blueish quartz eyes; ~30% fine-grained grayish green groundmass, likely mostly biotite and chlorite; very different bt qtz diorite
MMC-18-13	42.03	43.93	Metasediments	1C	hornfels silicified feldspathic quartzite; moderately to strongly foliated; ~20% plagioclase (some Kspar) grains, coarse-grained, ~1-3 mm; 80% silicified matrix
MMC-18-13	43.93	45.12	Upper Unit	4D	biotite quartz diorite; medium-grained; strongly foliated; sharp contacts with intercalated metasediments; ~85% very-fine grained gray-green groundmass, likely consists of biotite and chlorite; ~10% quartz, blue, anhedral, equant, ~0.5-1 mm in size; ~5% plagioclase grains, white, anhedral, equant, ~0.5 mm in size; clasts of metasediments and broken up quartz vein throughout this unit.
MMC-18-13	45.12	46.96	Metasediments	1C	hornfels silicified feldspathic quartzite; moderately to strongly foliated; ~20% plagioclase (some Kspar) grains, coarse-grained; 80% silicified matrix; slightly pinkish colour.
MMC-18-13	46.96	50.14	Breccia	Structural breccia	biotite quartz diorite; green; fine-medium grained; strongly foliated; sharp brecciated upper contact with metasediments; brecciated assimilated clasts of metasediments common throughout this unit; 20-30% plagioclase, white, anhedral, equant, ~0.5-1 mm in size; ~10% quartz, clear-gray, anhedral, equant, ~0.5 mm; 60% dark-green mafic groundmass, probably chloritized biotite and amphibole; coarse-quartz grains ~ 5mm in size likely from assimilated metasediments.
MMC-18-13	50.14	50.63	Upper Unit	4D	same unit as above except extremely fine-grained and soft in portions and strongly foliated; altered shear?
MMC-18-13	50.63	50.74	Upper Unit	4D	biotite quartz diorite; green; fine-medium grained; strongly foliated; sharp brecciated upper contact with metasediments; brecciated assimilated clasts of metasediments common throughout this unit; 20-30% plagioclase, white, anhedral, equant, ~0.5-1 mm in size; ~10% quartz, clear-gray, anhedral, equant, ~0.5 mm; 60% dark-green mafic groundmass, probably chloritized biotite and amphibole; coarse-quartz grains ~ 5mm in size likely from assimilated metasediments; same as unit above the soft chlorite zone.
MMC-18-13	50.74	52.09	Upper Unit	4D	blocky sheared area; clay minerals developed on slip planes throughout this unit



Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-13	52.09	52.26	Upper Unit	4D	same green chloritized bt qtz diorite as before
MMC-18-13	52.26	52.62	Upper Unit	4D	similar to previous very soft, very-fine grained foliated section in chloritized bt qtz diorite; so soft you can scratch with your fingernail!
MMC-18-13	52.62	53.56	Upper Unit	4D	same green chloritized bt qtz diorite as before
MMC-18-13	53.56	55.95	Upper Unit	4D	back into grayish silicified? bt qtz diorite; medium-grained; strongly foliated; transitional upper contact and sharp lower contact with shear; 20-30% plagioclase, gray, anhedral, equant, ~1-3 mm in size; ~10% quartz, gray-clear, anhedral, equant, ~1 mm; ~30-40% mafics, dark gray-green, anhedral to subhedral, equant to prismatic, ~1 mm in size, probably amphibole after pyroxene; 20-30% very fine-grained pale greenish groundmass, wrapping around quartz, plag, and amphibole grains, probably consists of chlorite and biotite.
MMC-18-13	55.95	56.34	Structure	SHR	black strongly foliated shear very fine-grained with some tarce foliation controlled Po and Cpy
MMC-18-13	56.34	62.41	Upper Unit	4D	grayish silicified biotite qtz diorite; medium-grained; strongly foliated; sharp upper contact with shear and poorly defined transitional contact with melagabbro; 20-30% plagioclase, gray, anhedral, equant, ~1-3 mm in size; ~10% quartz, gray-clear, anhedral, equant, ~1-3 mm; ~30-40% mafics, dark gray-green, anhedral to subhedral, equant to prismatic, ~1 mm in size, probably amphibole after pyroxene; 20-30% very fine-grained pale greenish groundmass, wrapping around quartz, plag, and amphibole grains, probably consists of chlorite and biotite; rare coarse-grained plagioclase and quartz grains ~3-5 mm in size, likely part of the alteration.
MMC-18-13	62.41	82.5	Upper Unit	4B	melagabbro; fine-grained; black; weakly foliated until ~69 m becomes strongly foliated; ~15-20% plagioclase, gray, anhedral, equant, < 1 mm in size; 80-85% mafics, dark green very-fine grained groundmass with anhedral to subhedral, equant to elongated acicular grains of mafics ~1 mm in size, coarser grains are probably amphibole; mineralized with very fine disseminations (< 1 mm in size) of Po and less commonly Cpy until ~69 m where coarse foliation controlled and quartz+carbonate vein hosted Po and Cpy become abundant.
MMC-18-13	82.5	83.36	Structure	FLT	Could be a zone of lost core. Large discrepancy in block spacing which has been attributed to this zone.  Rock itself is extremely rubbly and fractured with sandy gouge along shards.
MMC-18-13	83.36	90.4	Structure	SHR	Highly foliated melagabbro at 20-40dca. Most of the unit is typical mela with a green matrix and 1-2mm amp/px grains but along the fabric there is an unmineralized purple tinted unit that is banded with the mela. Fabric is undulatory and sulfides are incorporated to flattened into the fabric.
MMC-18-13	90.4	95	Lower Unit	3A	C.g., with up to 60% tabular plag and 40% interstitial plag. Fine grained zones are present locally as bands over interval.  Moving down this unit, where it starts to develop pinkish alteration the rocks become much denser and the px/amp become larger and higher in abundance (70%+) and could be called a f.g., px.  No major mineralization is observed in this unit. Some trace grains are associated with <0.5cm qtz/carb vns cutting across the interval. 119-120m there is a local cluster of sulfides (0.5%) associated with a blueish qtz vn that skims the side of the core.

Hole ID	From (m)	To (m)	Major Grouping	Rock Type (2019)	Description (original)
MMC-18-13	95	152.81	Lower Unit	3A	Gradational contact with over lying unit that is poorly defined and marked where the plag seems to fade out/become pink/purple tinted.  The rock in this interval is somewhat coarser grained than the previous and is dominated by px/amp (70%+) and the plag is either completely tinted pink or very hard to discern. It is also much denser than the typical gabbros and therefore is pyroxenitic than the typical Nip gabbro. There is no qtz but it does start to develop as irregular pods (alteration?) near the 130m
MMC-18-13	152.81	154.7	Upper Unit	4F	Unit is intercalated between melagabbro and typical Nipissing gabbro. The melagabbro is finegrained, well foliated and contains up to 1% total disseminated sulfides (po>cp).
MMC-18-13	154.7	171.29	Lower Unit	3A	Same as previous unit ending at 152.81m.  C.g., with tabular amp (60%) and intersitial plagioclase (40%). parts of the unit are blocky and lower 10m are highly altered - marked by increase in qtz/carb veining and potassic alteration of plagioclase.
MMC-18-13	171.29	174.22	Upper Unit	4B	V.f.g., black to grey, mafic rock cut by abundant wispy carb vns containing 0.5% cp. A qtz breccia vn is present at 171.80m and contains inclusions of nipissing gabbro.
MMC-18-13	174.22	174.23	End of hole	End of hole	

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-13	12.91	13.45	0.54	S00355454	Original	trace fol controlled pocp	1.099	0.5	5	7	0.5
MMC-18-13	36.35	36.62	0.27	S00355455	Original	3% cppo in massive chl vn cutting metaseds	0.519	0.5	5	0.5	0.5
MMC-18-13	38.17	38.44	0.27	S00355456	Original	trace diss cp in btqd	0.623	0.5	5	4	0.5
MMC-18-13	50.02	50.74	0.72	S00355457	Original	very soft, heavily chloritized or talc rich btqd	1.652	0.5	5	0.5	0.5
MMC-18-13	52.28	52.66	0.38	S00355458	Original	very soft chlorite shear with qtz/carb cross-cutting	0.698	0.5	5	4	0.5
MMC-18-13	55.92	56.34	0.42	S00355459	Original	trace foliation controlled cp in black shear	0.807	36	70	56	0.5
MMC-18-13	60.22	60.94	0.72	S00355461	Original	trace cp in chl	1.549	2	5	4	0.5
MMC-18-13	60.94	62.41	1.47	S00355462	Original		3.129	0.5	5	2	0.5
MMC-18-13	62.41	63.38	0.97	S00355463	Original	Trace f.g., diss po	1.974	0.5	5	0.5	0.5
MMC-18-13	63.38	64.03	0.65	S00355464	Original		1.512	0.5	5	0.5	0.5
MMC-18-13	64.03	64.4	0.37	S00355465	Original	trace v.f.g., diss po	0.78	0.5	5	0.5	0.5
MMC-18-13	64.4	65.5	1.1	S00355466	Original	trace cp in qtz vns	2.456	0.5	5	0.5	0.5
MMC-18-13	65.5	66.1	0.6	S00355467	Original	v.f.g., diss po, cp in carb veinlets	1.387	0.5	5	0.5	0.5
MMC-18-13	66.1	66.82	0.72	S00355468	Original	0.5% cp in carb vns, trace v.f.g, diss po	1.605	0.5	5	0.5	0.5
MMC-18-13	66.82	68.25	1.43	S00355469	Original		3.338	0.5	5	2	0.5
MMC-18-13	68.25	68.96	0.71	S00355471	Original		1.71	0.5	5	4	0.5
MMC-18-13	68.96	69.5	0.54	S00355472	Original	0.5% po diss, 0.25% cp in carb vns	1.304	12	50	44	0.5
MMC-18-13	69.5	70.63	1.13	S00355473	Original	5% fol controlled po>cp	2.646	27	110	90	0.5
MMC-18-13	70.63	71.9	1.27	S00355474	Original	5% fol controlled po>cp	3.042	41	110	109	0.5
MMC-18-13	71.9	73.05	1.15	S00355475	Original	5-10% fol controlled po>>Cp	2.824	125	200	204	0.5
MMC-18-13	73.05	74.28	1.23	S00355476	Original	10-15% fol controlled po, 3% cp in carb vns	2.864	161	180	223	0.5
MMC-18-13	74.28	74.7	0.42	S00355477	Original	40% net-textured po, 5% blebby cp	0.925	331	400	452	0.5
MMC-18-13	74.7	75.82	1.12	S00355478	Original	8% fol controlled po, 2% cp in carb vns	2.77	283	340	389	0.5
MMC-18-13	75.82	76.81	0.99	S00355479	Original	10% sul; 8% fol controlled po, 2% cp in carb vns	0.999	331	430	694	0.5
MMC-18-13	76.81	77.81	1	S00355481	Original	10% po fol controlled, 5% cp in carb vns	2.627	314	370	412	0.5
MMC-18-13	77.81	78.96	1.15	S00355482	Original	3% fol controlled po, 5% cp i carb vns	2.642	256	410	397	2
MMC-18-13	78.96	79.83	0.87	S00355483	Original	5% cp in carb/qtz vns, 3% po fol controlled	2.103	304	600	563	2
MMC-18-13	79.83	81	1.17	S00355484	Original	5% po in fol/diss, 5% cp in qtz/carb vns	2.489	397	480	620	1
MMC-18-13	81	82.5	1.5	S00355485	Original	5% fol to diss po, 5% cp in qtz/carb vns	3.812	246	380	362	2
MMC-18-13	83.86	85.06	1.2	S00355486	Original	5% cp in fol and carb vns	2.715	167	210	270	0.5
MMC-18-13	85.06	85.98	0.92	S00355487	Original	5% cp in carb vns	2.196	351	460	507	1
MMC-18-13	85.98	87	1.02	S00355488	Original	5% cp in fol and carb vns	2.281	171	290	329	2
MMC-18-13	87	87.62	0.62	S00355489	Original	qtz vns with trace cp	1.358	17	40	59	0.5
MMC-18-13	87.62	88.33	0.71	S00355491	Original	5% cp in fol and carb	1.606	175	250	337	2
MMC-18-13	88.33	89.03	0.7	S00355492	Original	5% fol controlled po	1.532	161	310	403	0.5
MMC-18-13	89.03	90.4	1.37	S00355493	Original	1% sulfide in fol and qtz vns	2.08	166	180	275	0.5
MMC-18-13	90.4	91.35	0.95	S00355494	Original		1.743	0.5	5	14	0.5
MMC-18-13	97.05	97.62	0.57	S00355495	Original	trace cp in dol vn, pink altered gab	1.336	2	5	13	0.5
MMC-18-13	118.05	119.07	1.02	S00355496	Original	trace cp in carb vn	2.461	0.5	5	14	0.5
MMC-18-13	119.07	119.76	0.69	S00355497	Original	0.5% diss pocp in qtz vn/alt	1.758	0.5	5	8	0.5
MMC-18-13	151.01	151.71	0.7	S00355498	Original	talc vn @ 151.21m	1.135	0.5	5	9	0.5
MMC-18-13	151.71	152.46	0.75	S00355499	Original		2.401	0.5	5	8	0.5
MMC-18-13	152.46	153.44	0.98	S00355501	Original	0.5% pocp diss	2.249	2	5	12	0.5
MMC-18-13	153.44	154.76	1.32	S00355502	Original		3.066	0.5	10	23	0.5
MMC-18-13	154.76	156	1.24	S00355503	Original		2.982	0.5	5	7	0.5

Hole number	From	To	LENGTH	Sample Number	Sample Type	Comments	WtKg kg G_WGH79	Au_PPb	Pt_PPb	Pd_PPb	Ag_ppm
MMC-18-13	170.08	171.29	1.21	S00355504	Original	Nip	2.95	0.5	5	8	0.5
MMC-18-13	171.29	172.61	1.32	S00355505	Original	mela	3.109	0.5	20	30	0.5
MMC-18-13	172.61	173.43	0.82	S00355506	Original	0.5% fract and carb hosted cp	1.961	2	20	24	0.5
MMC-18-13	173.43	174.23	0.8	S00355507	Original		2.261	2	5	16	0.5

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-13	12.91	13.45	0.54	S00355454	9.31	99	720	2	0.2	0.5	0.5	57.3	293	2.2	80	5.99	3.1
MMC-18-13	36.35	36.62	0.27	S00355455	3.39	1.5	10	0.5	0.2	0.2	0.3	9.1	46	0.05	438	3.22	0.05
MMC-18-13	38.17	38.44	0.27	S00355456	9.13	434	150	2	0.4	0.4	0.1	56.1	281	0.3	97	6.52	0.6
MMC-18-13	50.02	50.74	0.72	S00355457	10.7	10	20	0.5	0.4	0.2	0.1	18.3	201	0.5	10	14	0.2
MMC-18-13	52.28	52.66	0.38	S00355458	11	1.5	5	0.5	0.1	0.6	0.1	33.2	367	0.3	62	18	0.05
MMC-18-13	55.92	56.34	0.42	S00355459	7.9	39	100	1	1.4	2.2	0.9	59.4	136	5.4	523	7.86	1
MMC-18-13	60.22	60.94	0.72	S00355461	9.86	1.5	50	1	0.6	2.5	0.1	13.7	105	1.5	68	4.74	0.5
MMC-18-13	60.94	62.41	1.47	S00355462	9.27	1.5	50	1	0.1	2	0.1	9.6	101	0.9	16	4.02	0.4
MMC-18-13	62.41	63.38	0.97	S00355463	8.35	1.5	110	2	0.3	2.9	0.1	18.8	84	3.8	137	5.67	0.7
MMC-18-13	63.38	64.03	0.65	S00355464	8.48	1.5	100	2	0.3	3	0.1	20.7	88	2.8	71	6.6	0.7
MMC-18-13	64.03	64.4	0.37	S00355465	8.59	3	120	2	0.4	2.9	0.1	34.5	98	2.4	423	7.96	0.6
MMC-18-13	64.4	65.5	1.1	S00355466	6.52	1.5	160	1	0.4	3.6	0.2	28.4	83	1.5	213	6.24	0.6
MMC-18-13	65.5	66.1	0.6	S00355467	7.98	1.5	300	2	0.5	3.3	0.1	48.8	96	3.3	492	8.3	1.1
MMC-18-13	66.1	66.82	0.72	S00355468	9	1.5	230	2	0.4	3.3	0.1	42.1	90	3.2	364	8.45	1
MMC-18-13	66.82	68.25	1.43	S00355469	7.81	6	240	1	0.4	4.5	0.1	46	110	8.3	112	8.96	1.4
MMC-18-13	68.25	68.96	0.71	S00355471	8.02	21	180	1	0.3	4.5	0.1	49.1	143	5.2	133	9.45	0.9
MMC-18-13	68.96	69.5	0.54	S00355472	6.5	53	170	1	1.4	4.2	0.3	106	211	5.3	848	11.8	1.1
MMC-18-13	69.5	70.63	1.13	S00355473	7.59	57	100	1	2.5	3.9	0.2	124	254	2.9	879	10.6	0.6
MMC-18-13	70.63	71.9	1.27	S00355474	8.2	68	60	1	3.8	4.2	0.1	151	247	1.6	1140	10.9	0.4
MMC-18-13	71.9	73.05	1.15	S00355475	8.19	94	70	1	6.7	4.3	0.3	234	214	1.6	1790	12.3	0.4
MMC-18-13	73.05	74.28	1.23	S00355476	7.18	28	50	0.5	9.5	3.8	0.5	279	222	0.9	3380	14.3	0.2
MMC-18-13	74.28	74.7	0.42	S00355477	6.89	30	70	0.5	20	3.8	0.7	437	247	0.6	3930	17.6	0.2
MMC-18-13	74.7	75.82	1.12	S00355478	6.81	68	30	1	13.5	4	0.5	270	225	0.5	2560	12.9	0.2
MMC-18-13	75.82	76.81	0.99	S00355479	7.98	325	30	0.5	16.1	3.5	0.5	374	246	0.2	3310	12.3	0.1
MMC-18-13	76.81	77.81	1	S00355481	7.41	12	20	0.5	15	3.4	0.3	335	235	0.2	2660	14.4	0.1
MMC-18-13	77.81	78.96	1.15	S00355482	6.99	120	30	1	10.9	4.9	0.9	273	217	0.1	5890	11	0.1
MMC-18-13	78.96	79.83	0.87	S00355483	6.95	130	40	1	17.8	5.1	1.1	368	250	0.2	6310	12.7	0.2
MMC-18-13	79.83	81	1.17	S00355484	7.12	137	20	1	21.2	3.3	0.5	406	273	0.05	4100	13.7	0.05
MMC-18-13	81	82.5	1.5	S00355485	7.54	124	90	1	14.6	3.9	0.8	277	340	0.2	4750	11	0.2
MMC-18-13	83.86	85.06	1.2	S00355486	7.4	237	20	0.5	8	4.6	0.6	171	464	0.2	3060	8.58	0.2
MMC-18-13	85.06	85.98	0.92	S00355487	6.5	173	10	0.5	13.2	4.1	0.7	223	364	0.1	4070	10.2	0.1
MMC-18-13	85.98	87	1.02	S00355488	5.58	192	5	0.5	6.6	4.6	0.8	229	451	0.1	3970	12.7	0.05
MMC-18-13	87	87.62	0.62	S00355489	5.68	48	20	0.5	0.9	2.8	0.1	52	170	0.05	530	5.32	0.05
MMC-18-13	87.62	88.33	0.71	S00355491	8.41	154	10	0.5	5.5	1.6	0.5	179	245	0.05	2350	9.91	0.05
MMC-18-13	88.33	89.03	0.7	S00355492	6.17	129	20	0.5	4.3	4.3	0.8	191	143	0.05	3360	9.07	0.05
MMC-18-13	89.03	90.4	1.37	S00355493	8.3	66	30	1	3.7	5.3	0.4	126	164	0.2	1310	9.2	0.05
MMC-18-13	90.4	91.35	0.95	S00355494	9.32	6	160	1	0.1	5.8	0.1	49.6	204	0.9	29	7.62	0.6
MMC-18-13	97.05	97.62	0.57	S00355495	7.98	9	120	0.5	0.1	8.5	0.1	53.9	189	0.7	181	6.96	0.6
MMC-18-13	118.05	119.07	1.02	S00355496	8.41	5	120	0.5	0.1	8.4	0.1	47.6	212	0.8	96	6.54	0.5
MMC-18-13	119.07	119.76	0.69	S00355497	8.65	6	140	0.5	0.1	7.9	0.1	50.1	208	0.8	71	6.67	0.6
MMC-18-13	151.01	151.71	0.7	S00355498	8.68	6	90	0.5	0.2	8.3	0.1	51.6	481	0.7	55	7.24	0.4
MMC-18-13	151.71	152.46	0.75	S00355499	7.35	1.5	90	0.5	0.1	6.9	0.1	41.6	469	0.8	53	6.18	0.4
MMC-18-13	152.46	153.44	0.98	S00355501	7.94	102	20	0.5	0.3	9.7	0.6	90.9	380	0.2	974	8.02	0.2
MMC-18-13	153.44	154.76	1.32	S00355502	7.62	43	20	0.5	0.2	8.7	0.1	57.2	202	0.2	64	7.32	0.1
MMC-18-13	154.76	156	1.24	S00355503	7.35	4	70	0.5	0.1	6.8	0.1	40.6	531	0.6	51	6.4	0.3

Hole number	From	To	LENGTH	Sample Number	Al % GE_IMS90A	As_PPM	Ba_PPM	Be_PPM	Bi_PPM	Ca_PCT	Cd_PPM	Co_PPM	Cr_PPM	Cs_PPM	Cu_PPM	Fe_PCT	K_PCT
MMC-18-13	170.08	171.29	1.21	S00355504	6.8	4	70	0.5	0.1	6.7	0.1	39	756	0.6	44	6.51	0.3
MMC-18-13	171.29	172.61	1.32	S00355505	9.42	83	30	0.5	0.2	3.3	0.1	72.1	186	0.3	91	8.66	0.05
MMC-18-13	172.61	173.43	0.82	S00355506	7.31	9	40	0.5	0.3	7.1	0.2	49.6	100	0.3	350	8.86	0.2
MMC-18-13	173.43	174.23	0.8	S00355507	7.66	13	30	0.5	0.3	8.1	0.1	43.2	86	0.3	163	8.76	0.2

Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-13	12.91	13.45	0.54	S00355454	17.4	34	2.71	560	7	265	0.05	14	0.5	0.5	31.2	5	40	0.5
MMC-18-13	36.35	36.62	0.27	S00355455	41.2	7	1.26	240	2	72	0.02	9	0.5	0.5	40	0.5	20	0.5
MMC-18-13	38.17	38.44	0.27	S00355456	14.8	20	3.34	350	3	967	0.03	30	0.5	0.5	28.5	0.5	60	0.5
MMC-18-13	50.02	50.74	0.72	S00355457	12.7	45	7.76	730	1	657	0.005	11	0.5	0.5	17.6	0.5	20	0.5
MMC-18-13	52.28	52.66	0.38	S00355458	1.2	56	9.85	890	3	690	0.005	9	0.5	0.5	13	0.5	5	0.5
MMC-18-13	55.92	56.34	0.42	S00355459	39.6	15	3.33	440	4	623	0.08	50	0.5	0.5	23.9	1	70	0.5
MMC-18-13	60.22	60.94	0.72	S00355461	53.1	11	2.45	500	1	187	0.09	14	0.5	0.5	30.1	1	130	0.5
MMC-18-13	60.94	62.41	1.47	S00355462	122	9	1.98	460	1	86	0.08	9	0.5	0.5	26.9	1	120	0.5
MMC-18-13	62.41	63.38	0.97	S00355463	26.5	12	2.35	550	1	58	0.08	29	0.5	0.5	24.2	2	140	0.5
MMC-18-13	63.38	64.03	0.65	S00355464	29.1	14	2.78	690	1	60	0.08	10	0.5	0.5	29.8	2	170	0.5
MMC-18-13	64.03	64.4	0.37	S00355465	27.4	16	2.53	620	1	42	0.08	13	0.5	0.5	26.2	6	210	0.5
MMC-18-13	64.4	65.5	1.1	S00355466	21.8	12	1.75	700	1	32	0.06	34	0.5	0.5	27.8	2	180	0.5
MMC-18-13	65.5	66.1	0.6	S00355467	22.6	14	2.22	640	1	51	0.07	23	1.56	0.5	24.1	2	120	0.5
MMC-18-13	66.1	66.82	0.72	S00355468	25.1	15	2.38	760	1	46	0.07	11	1.36	0.5	26.6	2	180	0.5
MMC-18-13	66.82	68.25	1.43	S00355469	23.6	17	2.55	1120	1	45	0.05	13	0.5	0.5	25.3	2	290	0.5
MMC-18-13	68.25	68.96	0.71	S00355471	19.3	18	3	1170	1	66	0.05	12	0.5	0.5	24.9	1	280	0.5
MMC-18-13	68.96	69.5	0.54	S00355472	17.3	18	4.26	1350	4	1050	0.04	12	1.08	0.5	24	1	160	0.5
MMC-18-13	69.5	70.63	1.13	S00355473	18.1	13	3.19	1140	8	1160	0.04	11	1.55	0.5	23.6	4	240	1
MMC-18-13	70.63	71.9	1.27	S00355474	16.9	13	3.28	1010	13	1610	0.05	11	1.61	0.5	23.4	0.5	250	2
MMC-18-13	71.9	73.05	1.15	S00355475	17.8	13	3.14	990	24	3520	0.04	12	2.72	0.5	23.2	1	260	3
MMC-18-13	73.05	74.28	1.23	S00355476	16.2	12	3.02	950	30	4970	0.04	11	4.22	0.5	19.7	6	190	4
MMC-18-13	74.28	74.7	0.42	S00355477	14.8	9	3.08	990	41	8380	0.04	13	6.96	0.5	20.5	5	210	8
MMC-18-13	74.7	75.82	1.12	S00355478	14.6	11	3.49	1050	18	4410	0.05	9	3.51	0.5	21.3	6	160	5
MMC-18-13	75.82	76.81	0.99	S00355479	16.9	13	3.2	940	27	4090	0.03	11	3.42	0.5	21.1	1	190	6
MMC-18-13	76.81	77.81	1	S00355481	13.5	11	3.73	970	20	5290	0.04	10	4.86	0.5	21.2	1	150	5
MMC-18-13	77.81	78.96	1.15	S00355482	14	9	3.76	1050	13	3450	0.04	10	2.85	0.5	22.8	1	170	4
MMC-18-13	78.96	79.83	0.87	S00355483	15.5	10	3.77	980	17	5330	0.04	14	4.38	0.5	23.9	2	200	7
MMC-18-13	79.83	81	1.17	S00355484	15	12	3.68	940	19	6020	0.04	16	3.45	0.5	20.2	2	160	7
MMC-18-13	81	82.5	1.5	S00355485	12.5	16	4.79	960	14	3720	0.04	14	3.07	0.5	22.1	5	130	5
MMC-18-13	83.86	85.06	1.2	S00355486	11.5	22	4.85	970	7	2640	0.04	20	1.2	0.5	21.3	5	90	3
MMC-18-13	85.06	85.98	0.92	S00355487	13.3	17	4.49	1090	7	3870	0.04	8	2.11	0.5	21.2	1	100	4
MMC-18-13	85.98	87	1.02	S00355488	8.8	21	6.08	1390	9	3560	0.04	5	2.1	0.5	22.1	1	30	3
MMC-18-13	87	87.62	0.62	S00355489	8.8	14	2.58	700	2	628	0.03	3	0.5	0.5	30.1	0.5	50	0.5
MMC-18-13	87.62	88.33	0.71	S00355491	13	26	4.92	1010	4	2660	0.05	5	1.5	0.5	25.8	5	60	3
MMC-18-13	88.33	89.03	0.7	S00355492	12.2	16	2.9	810	3	3280	0.04	7	2.02	0.5	21.7	0.5	70	2
MMC-18-13	89.03	90.4	1.37	S00355493	13.2	21	4.74	1050	4	2220	0.05	7	1.03	0.5	22.1	1	120	1
MMC-18-13	90.4	91.35	0.95	S00355494	7.9	24	4.69	1130	1	177	0.05	6	0.5	0.5	20	5	140	0.5
MMC-18-13	97.05	97.62	0.57	S00355495	7.1	9	5.08	1220	1	165	0.03	9	0.5	0.5	25.4	0.5	180	0.5
MMC-18-13	118.05	119.07	1.02	S00355496	7.8	9	4.86	1100	1	160	0.04	8	0.5	0.5	24.6	0.5	190	0.5
MMC-18-13	119.07	119.76	0.69	S00355497	7.5	11	4.83	1110	1	153	0.03	7	0.5	0.5	25.7	0.5	190	0.5
MMC-18-13	151.01	151.71	0.7	S00355498	6.8	10	5.84	1110	1	188	0.04	8	0.5	0.5	26	0.5	210	0.5
MMC-18-13	151.71	152.46	0.75	S00355499	6.1	8	4.93	960	1	162	0.02	9	0.5	0.5	23.5	0.5	200	0.5
MMC-18-13	152.46	153.44	0.98	S00355501	10.5	13	5.06	1140	1	463	0.06	13	0.5	0.5	21.3	1	160	0.5
MMC-18-13	153.44	154.76	1.32	S00355502	13.8	17	4.41	1080	1	237	0.07	11	0.5	0.5	18.9	0.5	160	0.5
MMC-18-13	154.76	156	1.24	S00355503	5.9	11	5.03	960	1	160	0.02	8	0.5	0.5	22.4	0.5	170	0.5

Hole number	From	To	LENGTH	Sample Number	La_PPM	Li_PPM	Mg_PCT	Mn_PPM	Mo_PPM	Ni_PPM	P_PCT	Pb_PPM	S_PCT	Sb_PPM	Si_PCT	Sn_PPM	Sr_PPM	Te_PPM
MMC-18-13	170.08	171.29	1.21	S00355504	5.7	9	5.23	1030	1	159	0.02	7	0.5	0.5	23.3	0.5	170	0.5
MMC-18-13	171.29	172.61	1.32	S00355505	12.3	24	5.22	960	1	319	0.08	9	0.5	0.5	21.7	2	120	0.5
MMC-18-13	172.61	173.43	0.82	S00355506	14.5	10	4.03	1100	1	239	0.09	13	0.5	0.5	20.7	2	140	0.5
MMC-18-13	173.43	174.23	0.8	S00355507	15.8	10	4.18	1150	1	142	0.1	10	0.5	0.5	20.4	2	150	0.5



Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-13	12.91	13.45	0.54	S00355454	0.52	224	2.5	13.8	1.3	168		0.00573	0.008	0.0265	0.0125
MMC-18-13	36.35	36.62	0.27	S00355455	0.03	14	2.5	13.2	1	33		0.00091	0.0438	0.0072	0.006
MMC-18-13	38.17	38.44	0.27	S00355456	0.48	208	2.5	13.1	1.5	111		0.00561	0.0097	0.0967	0.0095
MMC-18-13	50.02	50.74	0.72	S00355457	0.58	235	2.5	8.5	1.2	127		0.00183	0.001	0.0657	0.006
MMC-18-13	52.28	52.66	0.38	S00355458	0.47	402	2.5	5.9	0.8	184		0.00332	0.0062	0.069	0.0095
MMC-18-13	55.92	56.34	0.42	S00355459	0.91	254	2.5	22.1	2.1	310		0.00594	0.0523	0.0623	0.162
MMC-18-13	60.22	60.94	0.72	S00355461	1	158	2.5	47.3	4.6	61		0.00137	0.0068	0.0187	0.011
MMC-18-13	60.94	62.41	1.47	S00355462	1.05	131	2.5	55.2	5.8	48		0.00096	0.0016	0.0086	0.0075
MMC-18-13	62.41	63.38	0.97	S00355463	0.82	190	2.5	25	2.6	57		0.00188	0.0137	0.0058	0.006
MMC-18-13	63.38	64.03	0.65	S00355464	0.92	213	2.5	29.7	3	72		0.00207	0.0071	0.006	0.006
MMC-18-13	64.03	64.4	0.37	S00355465	0.92	196	2.5	29.8	2.8	69		0.00345	0.0423	0.0042	0.006
MMC-18-13	64.4	65.5	1.1	S00355466	0.65	168	2.5	18	1.9	71		0.00284	0.0213	0.0032	0.006
MMC-18-13	65.5	66.1	0.6	S00355467	0.85	268	2.5	25.7	2.2	73		0.00488	0.0492	0.0051	0.006
MMC-18-13	66.1	66.82	0.72	S00355468	0.92	252	2.5	22.4	2.5	75		0.00421	0.0364	0.0046	0.006
MMC-18-13	66.82	68.25	1.43	S00355469	0.97	240	2.5	22.7	2.6	96		0.0046	0.0112	0.0045	0.0075
MMC-18-13	68.25	68.96	0.71	S00355471	1.04	310	2.5	19.6	1.9	98		0.00491	0.0133	0.0066	0.0095
MMC-18-13	68.96	69.5	0.54	S00355472	1.14	342	2.5	18.8	1.8	121		0.0106	0.0848	0.105	0.106
MMC-18-13	69.5	70.63	1.13	S00355473	0.78	298	2.5	18.2	1.9	100		0.0124	0.0879	0.116	0.227
MMC-18-13	70.63	71.9	1.27	S00355474	0.5	256	2.5	16.1	1.7	89		0.0151	0.114	0.161	0.26
MMC-18-13	71.9	73.05	1.15	S00355475	0.47	264	2.5	17.6	1.7	88		0.0234	0.179	0.352	0.529
MMC-18-13	73.05	74.28	1.23	S00355476	0.43	225	2.5	13.6	1.5	105		0.0279	0.338	0.497	0.564
MMC-18-13	74.28	74.7	0.42	S00355477	0.46	236	9	12.9	1.5	122		0.0437	0.393	0.838	1.183
MMC-18-13	74.7	75.82	1.12	S00355478	0.43	261	2.5	13.4	1.5	99		0.027	0.256	0.441	1.012
MMC-18-13	75.82	76.81	0.99	S00355479	0.45	251	2.5	15.3	1.7	87		0.0374	0.331	0.409	1.455
MMC-18-13	76.81	77.81	1	S00355481	0.38	265	2.5	12.6	1.5	82		0.0335	0.266	0.529	1.096
MMC-18-13	77.81	78.96	1.15	S00355482	0.41	253	2.5	14.7	1.6	109		0.0273	0.589	0.345	1.063
MMC-18-13	78.96	79.83	0.87	S00355483	0.41	263	2.5	15.5	1.7	131		0.0368	0.631	0.533	1.467
MMC-18-13	79.83	81	1.17	S00355484	0.37	256	2.5	13.7	1.5	88		0.0406	0.41	0.602	1.497
MMC-18-13	81	82.5	1.5	S00355485	0.35	278	2.5	11.9	1.3	115		0.0277	0.475	0.372	0.988
MMC-18-13	83.86	85.06	1.2	S00355486	0.36	326	2.5	12.4	1.2	102		0.0171	0.306	0.264	0.647
MMC-18-13	85.06	85.98	0.92	S00355487	0.49	317	2.5	14.2	1.7	115		0.0223	0.407	0.387	1.318
MMC-18-13	85.98	87	1.02	S00355488	0.48	374	2.5	15.2	1.5	135		0.0229	0.397	0.356	0.79
MMC-18-13	87	87.62	0.62	S00355489	0.27	141	2.5	8.3	0.8	58		0.0052	0.053	0.0628	0.116
MMC-18-13	87.62	88.33	0.71	S00355491	0.48	268	2.5	16.4	1.6	129		0.0179	0.235	0.266	0.762
MMC-18-13	88.33	89.03	0.7	S00355492	0.5	192	2.5	15.2	1.6	115		0.0191	0.336	0.328	0.874
MMC-18-13	89.03	90.4	1.37	S00355493	0.7	256	2.5	21	1.9	101		0.0126	0.131	0.222	0.621
MMC-18-13	90.4	91.35	0.95	S00355494	0.45	220	2.5	13.2	1.2	81		0.00496	0.0029	0.0177	0.0195
MMC-18-13	97.05	97.62	0.57	S00355495	0.44	224	2.5	13.1	1.4	88		0.00539	0.0181	0.0165	0.02
MMC-18-13	118.05	119.07	1.02	S00355496	0.41	214	2.5	13.2	1.3	74		0.00476	0.0096	0.016	0.0195
MMC-18-13	119.07	119.76	0.69	S00355497	0.38	214	2.5	12.5	1.3	74		0.00501	0.0071	0.0153	0.0135
MMC-18-13	151.01	151.71	0.7	S00355498	0.47	254	2.5	13.1	1.2	79		0.00516	0.0055	0.0188	0.0145
MMC-18-13	151.71	152.46	0.75	S00355499	0.34	194	2.5	9.8	1.1	68		0.00416	0.0053	0.0162	0.0135
MMC-18-13	152.46	153.44	0.98	S00355501	0.77	301	2.5	18.8	1.8	96		0.00909	0.0974	0.0463	0.019
MMC-18-13	153.44	154.76	1.32	S00355502	1.16	270	2.5	22.4	2.2	87		0.00572	0.0064	0.0237	0.0335
MMC-18-13	154.76	156	1.24	S00355503	0.29	194	2.5	9.8	1	66		0.00406	0.0051	0.016	0.0125

Hole number	From	To	LENGTH	Sample Number	Ti_PCT	V_PPM	W_PPM	Y_PPM	Yb_PPM	Zn_PPM	parent sample number	Co%	Cu%	Ni%	TPMgpt
MMC-18-13	170.08	171.29	1.21	S00355504	0.29	198	2.5	9.6	1.2	64		0.0039	0.0044	0.0159	0.0135
MMC-18-13	171.29	172.61	1.32	S00355505	1.14	273	2.5	25	2.6	106		0.00721	0.0091	0.0319	0.0505
MMC-18-13	172.61	173.43	0.82	S00355506	1.22	336	2.5	23.9	2.8	97		0.00496	0.035	0.0239	0.046
MMC-18-13	173.43	174.23	0.8	S00355507	1.33	367	6	25.7	2.9	97		0.00432	0.0163	0.0142	0.023