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Summer 2021 Diamond Drilling Report

Work Completed on the Shakespeare, P-4, Springer & Hanover Projects

Located in: Shakespeare, Baldwin, & Porter Townships

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Summary

This report outlines drilling designed to test the Gap Zone and S13 anomalies in the Shakespeare Deposit. In addition to following up on results from borehole (BHEM) and ground geophysical surveys on both the Shakespeare Deposit, as well as multiple regional targets.

From April to October 2021, Magna Mining contracted Gyllis Drilling to complete a multi-phase drilling program. Initial drilling was focused on infill drilling of the Shakespeare Deposit, more specifically the Gap Zone, and S13 anomaly. Additional phases of exploratory drilling were completed on some of Magna Mining's most prospective targets including Milton-Springer, Hanover, and P4. The entire program occurred over a period of ~163 calendar days. The majority of work was carried out on a 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 and Mynyr Hoxha (Magna Mining), Geordie Hamilton (Magna Mining), and Chad Caskenette (Magna Mining), while Anderson Kpazahi (formerly Magna Mining) completed the geotechnical work. This work was completed concurrently with the drilling program, starting slightly before and continuing after drilling (~199 calendar days). All work on the property was completed in NAD 83 Zone 17 T.

The program consisted of a total of 35 holes totalling 8623.5m with 2720 samples (including QAQC) submitted for assay. Samples were sent to a combination of SGS laboratories, as well as Swastika Laboratories. Samples sent to the SGS facility in Sudbury were crushed and split, whereby they were sent to SGS's laboratory in British Columbia for analysis. Whereas samples sent to Swastika Laboratories were shipped to Kirkland Lake where crushing, splitting, and analysis took place.

Overall, the total cost of work being applied in this report is \$1,775,552.31

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.

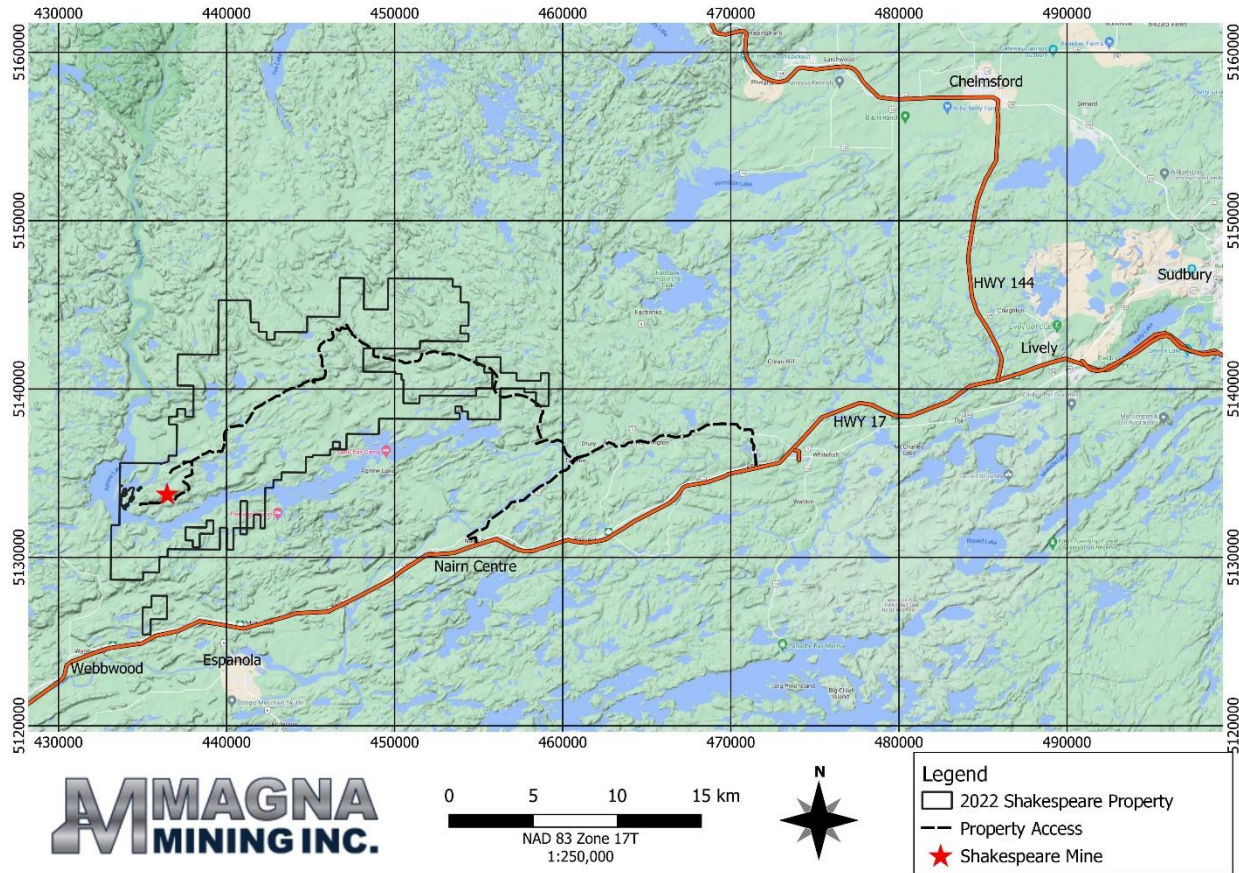


Figure 1: Location of the Shakespeare property in relation to Sudbury and Espanola (scaled to fit report)

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.

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.

Table 1: Summary of Shakespeare Mining Patents and Leases

CLAIMS G_NUMBER	OWNER	%	MLAS TENURE	Other Holder
70100121	URSA MAJOR MINERALS INCORPORATED	100	LEA-108127	
70100020	URSA MAJOR MINERALS INCORPORATED	100	LEA-108125	
7070072	URSA MAJOR MINERALS INCORPORATED	81	PAT-42263	GLENCORE CANADA CORPORATION
7070022	URSA MAJOR MINERALS INCORPORATED	81	PAT-42264	GLENCORE CANADA CORPORATION
7070018	URSA MAJOR MINERALS INCORPORATED	81	PAT-42265	GLENCORE CANADA CORPORATION
7070019	URSA MAJOR MINERALS INCORPORATED	81	PAT-42266	GLENCORE CANADA CORPORATION
7070016	URSA MAJOR MINERALS INCORPORATED	81	PAT-42267	GLENCORE CANADA CORPORATION
7070020	URSA MAJOR MINERALS INCORPORATED	81	PAT-42268	GLENCORE CANADA CORPORATION
7070023	URSA MAJOR MINERALS INCORPORATED	81	PAT-42269	GLENCORE CANADA CORPORATION
7070076	URSA MAJOR MINERALS INCORPORATED	81	PAT-42273	GLENCORE CANADA CORPORATION
7070077	URSA MAJOR MINERALS INCORPORATED	81	PAT-42274	GLENCORE CANADA CORPORATION
7070082	URSA MAJOR MINERALS INCORPORATED	81	PAT-42275	GLENCORE CANADA CORPORATION
7070021	URSA MAJOR MINERALS INCORPORATED	81	PAT-42276	GLENCORE CANADA CORPORATION
7070078	URSA MAJOR MINERALS INCORPORATED	81	PAT-42277	GLENCORE CANADA CORPORATION
7070079	URSA MAJOR MINERALS INCORPORATED	81	PAT-42278	GLENCORE CANADA CORPORATION
7070017	URSA MAJOR MINERALS INCORPORATED	81	PAT-42279	GLENCORE CANADA CORPORATION
7070080	URSA MAJOR MINERALS INCORPORATED	81	PAT-42280	GLENCORE CANADA CORPORATION
7070024	URSA MAJOR MINERALS INCORPORATED	81	PAT-42281	GLENCORE CANADA CORPORATION
7070071	URSA MAJOR MINERALS INCORPORATED	81	PAT-42283	GLENCORE CANADA CORPORATION

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.

Ursa Major Minerals (URSA) acquired the Shakespeare Property in 2000 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 conducted an extensive amount of exploration work which included additional ground and borehole 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.

In 2017 Magna Mining Inc. (Magna) acquired the Shakespeare Property from Wellgreen Platinum Ltd. Magna completed a borehole EM survey on the property in 2018, as well as diamond drilling of 13 holes (3731m). The geophysical survey was completed to test the effectiveness of electromagnetic methods on the Shakespeare Deposit, as well as define drill targets. A follow-up drill program was executed later in the year, in which all but one hole intersected economic sulphide mineralization. The most prolific mineralized interval was 72.6m at 0.41% Ni, 0.47% Cu, and 1.10 total precious metals (TPM).

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 within the Huronian Supergroup but are also localized along the Archean-Proterozoic unconformity. The intrusions primarily consist of gabbro's 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 basal 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 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 $\sim 80^\circ$ to 40° to the North. The gabbroic intrusions 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. 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. 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. 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.

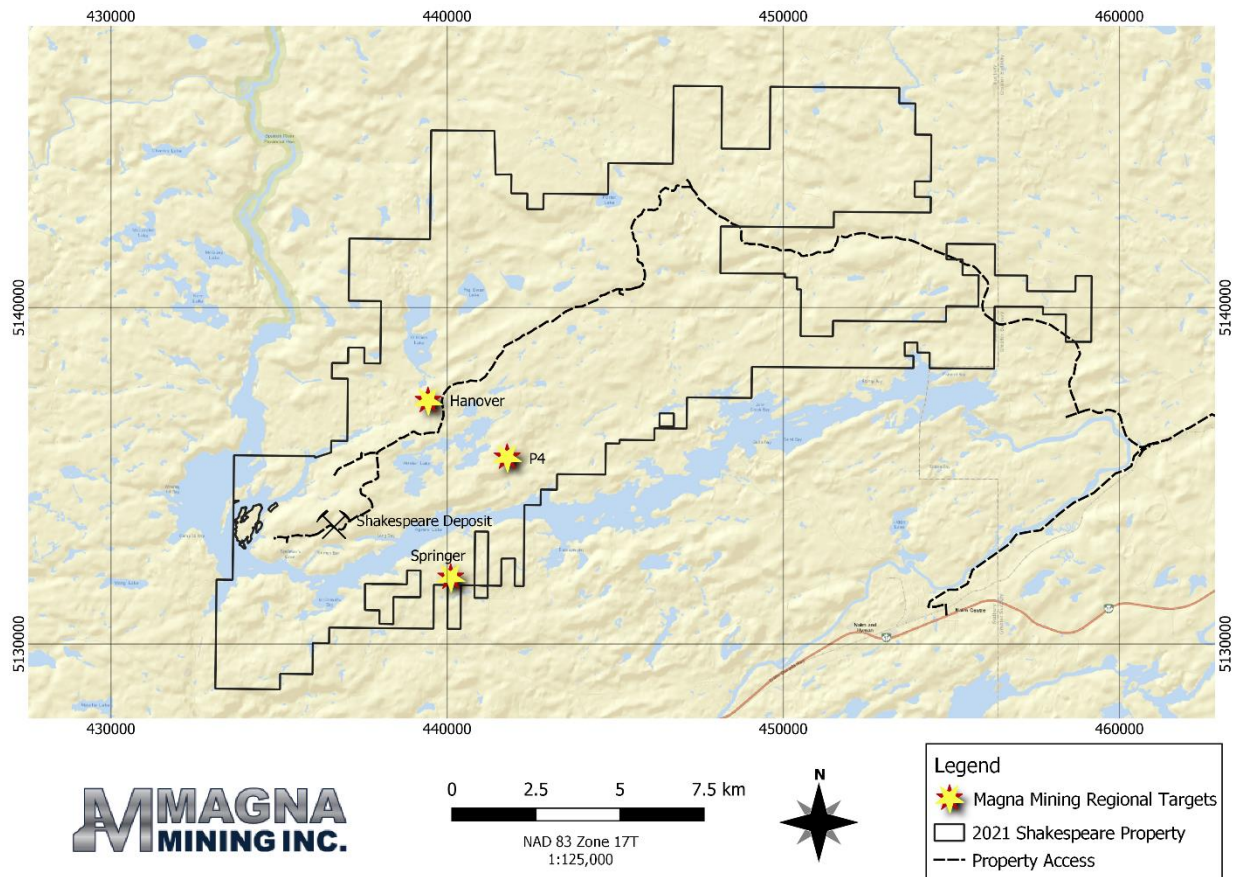
Where the mineralization is proximal to shear zones that crosscut the deposit (**Error! Reference source not found.**), the sulphides can be sheared and attenuated. These sheared sulphides, together with the patchy-network textured mineralization, create an interconnectivity in the sulphides that allows 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 $\sim 15^\circ$ and is of a slightly lower grade than the East zone. It is currently defined to a depth of $\sim 120\text{m}$ 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 $\sim 210\text{m}$ 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 $\sim 30^\circ$ to $\sim 40^\circ$ east from surface and generally has higher grade mineralization, particularly nearer surface. The mineralized zones currently extend over $\sim 1\text{km}$ and plunges from surface to a depth of $\sim 550\text{m}$. 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 2021 Exploration

The two main focusses of the 2021 drilling program were to continue drilling at the Shakespeare Deposit, while also testing multiple regional targets across Magna’s property. These three targets occur



east of the Shakespeare Mine including P4, Hanover, and Springer (Figure 2).

Figure 2: Map showing 2021 drill targets.

4.1 Shakespeare Mine Site

4.1.1 Diamond Drilling

Between April and November of 2021 Gyllis drilling was contracted to drill 26 holes and extend one historic hole (MMC-18-07) for a total of 6574.5m at the Shakespeare Mine site (Table 2). Drilling was completed in approximately 117 days with a total expenditure of \$1,449,960.99. These holes were drilled within proximity of the Shakespeare Deposit and can be seen in Figure 3.

The main priorities for drilling at Shakespeare included completing near-mine exploration to extend the known resource, while also providing some infill drilling. Near mine exploration tested some historically define zones such as the Gap Zone, the S13 anomaly, and the Bird's Bane occurrence.

Table 2: Summary of drilling completed in 2021 at the Shakespeare Mine site (UTM is NAD83 Zone 17T). Includes collar

Hole Number	Easting (83)	Northing (83)	Claim	Elevation	Strike	Dip	Depth	Purpose	Samples	Certificates
MMC-18-07*	436376.219	5133807.08	PAT-42274, PAT-42276	377.55	155	-65	600	Exploration	35	BBM21-10239, -10245
MMC-21-14	436252.5	5133497.9	PAT-42279	318	170	-50	178	Infill	146	BBM21-09296, - 09373, -09438
MMC-21-15	436253.7	5133500.6	PAT-42279	319.1	115	-50	201	Infill	119	BBM21-09438, - 09541, -09605, - 09624, -10578
MMC-21-16	436070.9	5133398	PAT-42265	313	190	-53	309	Infill	109	BBM21-09624, - 09776, -09777
MMC-21-17	436091	5133412.6	PAT-42265	314.2	145	-60	150.48	Infill	52	BBM21-9777, -09803
MMC-21-18	436291.1	5133522.6	PAT-42279	324.5	105	-82	426	Infill	298	BBM21-10033, - 10067, 10178, -10199, -10202, -10214, - 12306, -12307
MMC-21-19	436146.7	5133435.3	PAT-42265	325.7	150	-75	252	Infill	66	BBM21-10214, - 10239, -12308
MMC-21-20	436304.4	5133490.2	PAT-42279, PAT-42265	315.7	160	-50	126	Infill	58	BBM21-10245, -10340
MMC-21-21	435999	5133363.1	PAT-42265	326.3	150	-80	399	Infill	304	BBM21-10874, - 11180, -11181, - 11194, -11347, - 11349, -11350, -11591
MMC-21-22	435939	5133174.8	PAT-42266	282	335	-50	300	Exploration	146	BBM21-11591, - 11592, -11593, - 11628, -12817
MMC-21-23	436015	5133372.2	PAT-42265	315	330	-65	102	Exploration	9	BBM21-11628
MMC-21-24	436019.7	5133391.5	PAT-42265	310.1	145	-65	318	Exploration	126	BBM21-11628, - 11629, -11630, -12539
MMC-21-25	436025.2	5133385.4	PAT-42265	316.8	135	-65	282	Exploration	135	BBM21-11630, - 11716, -11717, - 11718, -13932, -13933
MMC-21-26	435976.2	5133137.3	PAT-42266, PAT-42265	315.6	330	-50	258	Exploration	101	BBM21-11718, - 11857, -11860, -13934
MMC-21-27	436053.1	5133400.8	PAT-42265	276.5	140	-62	249	Exploration	92	BBM21-11860, - 12032, -12033
MMC-21-28	436126.8	5133363.7	PAT-42265	314.2	140	-45	75	Infill	48	BBM21-12948, -12949
MMC-21-29	436002.1	5133219.9	PAT-42266, PAT-42265	315.7	345	-53	321	Infill	195	BBM21-12949, - 12982, -12984, - 13036, -15119, -15120

information and overview of samples. *Note: MMC-18-07 was extended from a depth of 425m to 600m during this program.

MMC-21-30	436001.8	5133219.9	PAT-42266, PAT-42265	277.3	325	-60	279	Exploration	135	BBM21-13038, - 13374, -13389, - 15117, -15118
MMC-21-31	436073.5	5133400.4	PAT-42265	276.6	150	-86	316.5	Exploration	55	BBM21-13388, -13389
MMC-21-32	436113.4	5133457.6	PAT-42279, PAT-42265	312.5	150	-50	180	Infill		
MMC-21-33	436113.3	5133458.9	PAT-42279, PAT-42265	320.3	150	-83	222	Exploration		
MMC-21-34	436311	5133492.4	PAT-42279	320.9	110	-45	63	Exploration	32	BBM21-13907
MMC-21-35	435619.1	5133213.6	PAT-42266	326.1	150	-50	237	Exploration		
MMC-21-36	436805.8	5133697.8	PAT-42275	286.5	185	-45	126	Exploration		
MMC-21-37	436805.9	5133698.8	PAT-42275	348.6	145	-72	159	Exploration		
MMC-21-38	436511	5133543.7	PAT-42276, PAT-42264	346.9	185	-80	708	Exploration		
MMC-21-39	436003.7	5133220.7	PAT-42265	291.8	150	-55	165	Exploration		

4.1.2 Results

All holes that were drilled intersected Ni-Cu-(PGE) bearing sulphide mineralization, except for MMC-21-23 and MMC-21-31. The most prolific intersections were those in holes MMC-21-29 and MMC-21-30, which both intersected multiple zones of mineralization including 64.16 m at 0.34% Ni, 0.41% Cu, 0.02% Co, 0.34 g/t Pt, 0.41 g/t Pd, 0.23 g/t Au starting just 30.0 metres down hole MMC-21-29 (Table 3). In addition, hole MMC-21-27 intersected 47.68 metres at 0.25% Ni, 0.30% Cu, 0.02% Co, 0.24 g/t Pt, 0.27 g/t Pd, 0.13 g/t Au including 33 m at 0.30% Ni, 0.36% Cu, 0.02% Co, 0.30 g/t Pt, 0.33 g/t Pd, 0.17 g/t Au.

This drilling campaign successfully extended the known mineral resource, as well as proving the occurrence of mineralization within the gap zone that lies between the east and west zones.

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

Table 3: Summary of mineralized intersections encountered in the fall 2021 drilling campaign at the Shakespeare Mine

BHID		From (m)	To (m)	Interval Length (m)	Ni %	Cu %	Co %	Pt ppm	Pd ppm	Au ppm	TPM ppm
MMC-21-16		48.5	62	13.5	0.25	0.31	0.02	0.32	0.3	0.14	0.76
		74.17	79.4	2.25	0.42	0.52	0.02	0.44	0.54	0.23	1.21
		208.4	211	2.64	0.14	0.29	0.01	0.19	0.22	0.13	0.54
MMC-21-17		43.13	52.1	8.98	0.15	0.17	0.01	0.55	0.19	0.09	0.83
MMC-21-18		79.45	80.8	1.3	0.18	0.01	0.02	0.01	0	0.01	0.02
		143.5	148	4.54	0.16	0.07	0.01	0.18	0.2	0.1	0.48
MMC-21-19		116.4	123	6.57	0.18	0.28	0.02	0.15	0.17	0.08	0.4
MMC-21-20		43.74	52.4	8.65	0.37	0.42	0.02	0.42	0.52	0.31	1.25
MMC-21-21		146.3	155	8.96	0.27	0.33	0.02	0.22	0.23	0.14	0.59
		178.8	191	12.33	0.23	0.27	0.02	0.22	0.26	0.15	0.63
MMC-21-22		119.8	144	24.2	0.29	0.45	0.02	0.31	0.38	0.24	0.93
		138.8	141	2.46	0.46	0.64	0.02	0.57	0.69	0.36	1.62
MMC-21-23	No significant results - Drilled north of the deposit for lithologies										
MMC-21-24		136.4	140	3.19	0.26	0.25	0.02	0.21	0.24	0.13	0.58
		163.9	166	2.19	0.25	0.36	0.02	0.21	0.27	0.13	0.61
MMC-21-25		141	194	52.57	0.46	0.54	0.03	0.48	0.55	0.25	1.28
		178.5	182	3.25	0.54	0.8	0.03	0.6	0.69	0.33	1.62
MMC-21-26		166.1	171	4.5	0.07	0.13	0.01	0.06	0.07	0.05	0.18
		196	197	1	0.11	0.20	0.01	0.08	0.13	0.08	0.29
MMC-21-27		69.64	73.6	3.96	0.16	0.18	0.01	0.18	0.19	0.09	0.45
	and	125.3	173	47.68	0.25	0.30	0.02	0.24	0.27	0.13	0.64
	including	139.8	156.5	16.63	0.38	0.43	0.02	0.37	0.40	0.19	0.97
MMC-21-28		3.2	15.5	12.26	0.18	0.23	0.01	0.21	0.28	0.13	0.63
MMC-21-29		30	94.2	64.16	0.34	0.41	0.02	0.34	0.41	0.23	0.98
		30	57.33	27.33	0.34	0.40	0.02	0.33	0.41	0.26	1.00
	including	30	39	9	0.42	0.44	0.02	0.41	0.52	0.40	1.32

	including	45.37	57.3	11.96	0.46	0.56	0.03	0.44	0.54	0.30	1.28
	and	57.33	94.2	36.83	0.34	0.41	0.02	0.35	0.41	0.20	0.96
	including	57.33	81	23.67	0.47	0.54	0.03	0.48	0.55	0.28	1.31
	and	120.3	131	10.24	0.30	0.37	0.02	0.30	0.34	0.17	0.81
	and	168.8	185	15.75	0.23	0.24	0.02	0.20	0.21	0.15	0.56
MMC-21-30		124.8	131	6.38	0.25	0.32	0.01	0.29	0.36	0.17	0.83
	and	165	155	12.79	0.34	0.46	0.02	0.39	0.48	0.20	1.06
	and	162	164.6	2.59	0.24	0.18	0.02	0.13	0.17	0.08	0.38
	and	186.4	191	4.43	0.23	0.17	0.02	0.24	0.22	0.22	0.69
MMC-21-34		4.46	4.76	0.3	0.33	0.45	0.02	0.4	0.5	0.27	1.17
	and	24.55	36	11.45	0.20	0.25	0.01	0.22	0.27	0.15	0.63

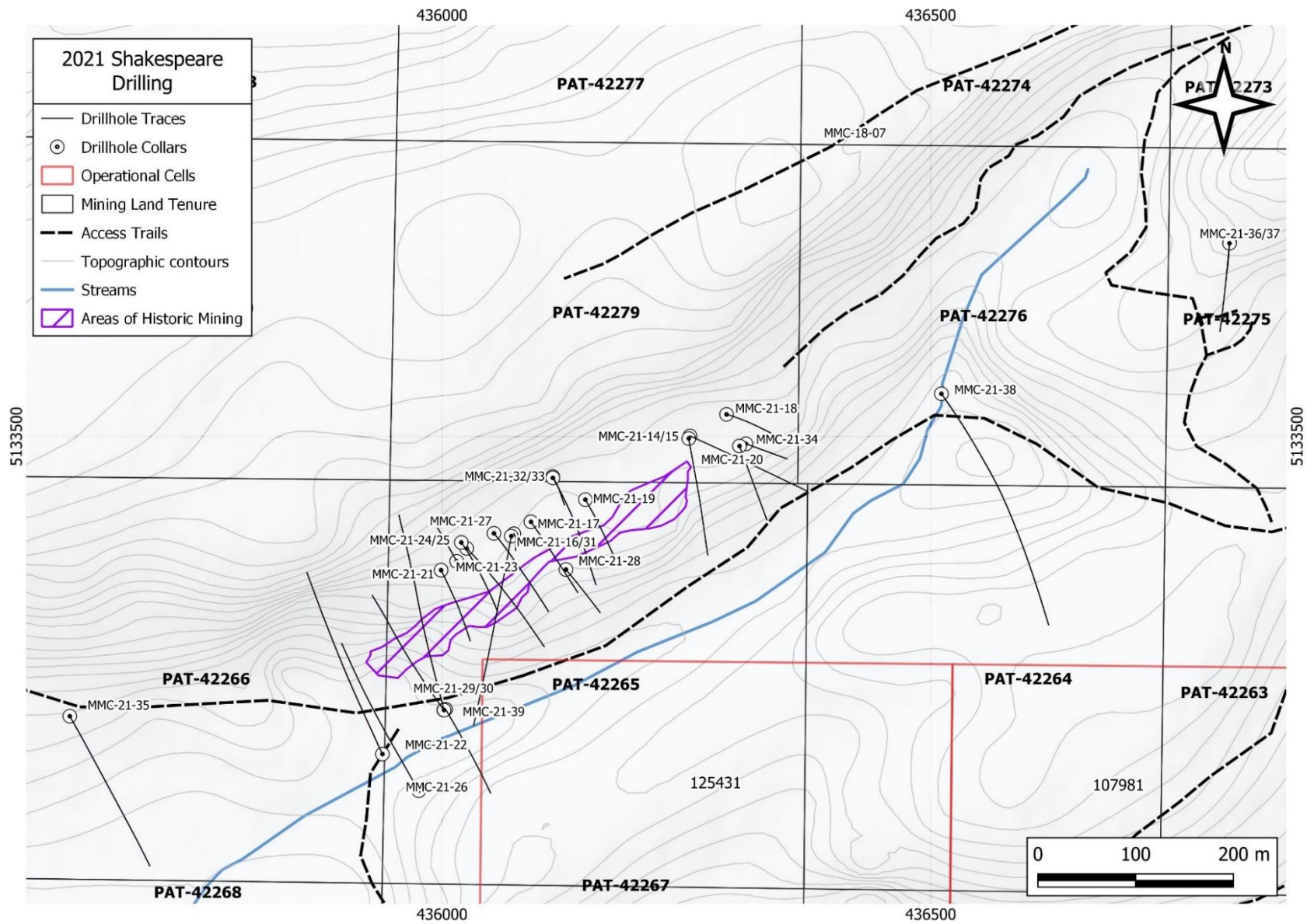


Figure 3: 2021 Shakespeare Mine site drill hole collar locations and drill traces. NAD 83 Zone 17 T

4.1.3 Recommendations

This program successfully intersected mineralization outside of the known resource model and has led to further development of the geological model of the Shakespeare Deposit. Further mapping of the area would be beneficial to understanding the distribution of mafic to ultramafic units in the footwall of the Deposit. In addition, an extensive review and analysis of geochemical data collected during this program should be completed to provide more insight into the magmatic system.

It is also recommended that deeper drilling be completed to test the vertical extent of mineralization, as well as it would give us an idea of the dip of the magmatic system at depth. Supplementary structural analysis of the deposit would also be advantageous as it may provide insight into further development of the geological model.

Additional drilling should also be completed to the southeast of the Deposit to assess the continuity of melagabbroic units and test for mineralization along the interpreted fold hinge.

4.2 P4 Regional Target

4.2.1 Diamond Drilling

Between July 30th and August 22nd, 2021, Gyllis drilling was contracted to drill 2 holes for a total of 741m at the P4 regional target. This drilling program was completed under exploration permits & PR-20-000037 & PR-21-000374. Drilling was completed in approximately 24 days with a total expenditure of \$136,454.6. The location of these drill holes and their traces is shown in Figure 4.

The P4 target was identified in ground geophysics completed in 2020. Both holes were planned to test the EM plates at depth with the second also providing an undercut on the mineralization intersected MP4-21-01.

Table 4: Summary of drilling completed in 2021 at P4 (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
MP4-21-01	441782.608	5135526.467	191654, 315571	352	125	-55	393	Exploration	127	BBM-21-12033, A21-3560, -3697, 3698, -3699
MP4-21-02	441781.532	5135526.412	191654, 315571	353	150	-60	348	Exploration	114	A21-3696, -3699, -3760, -3761, -3891, -3892

4.2.2 Results

Both holes that were drilled intersected Ni-Cu-(PGE) bearing sulphide mineralization. MP4-21-01 hit a zone grading 0.58% Ni, 0.84% Cu, 0.04% Co and 2.64 g/t TPM over 0.42m within a 2.33m zone grading 0.77% NiEq. MP4-21-02 intersected a zone of semi-massive sulphides grading 1.16% Ni, 0.10% Cu, 0.06% Co and 0.78 g/t TPM (1.53% NiEq) over 0.21m. It also intersected another zone grading 0.46% Ni, 1.32% Cu, 0.03% Co and 1.64 g/t TPM over 0.53m (Table 5).

Table 5: Summary of mineralized intersections encountered in the summer 2021 drilling campaign at P4.

Hole Number		From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Co (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	TPM (g/t)
MP4-21-01		154.84	157.17	2.33	0.25	0.36	0.02	0.35	0.45	0.28	1.08
	Including	156.75	157.17	0.42	0.58	0.84	0.04	0.94	1	0.7	2.64
MP4-21-02		178.43	182.09	3.66	0.45	0.55	0.03	0.34	0.37	0.28	0.99
	Including	178.7	179.23	0.53	0.46	1.32	0.03	0.56	0.58	0.5	1.64
	Including	180.18	180.39	0.21	1.16	0.1	0.06	0.51	0.19	0.08	0.78

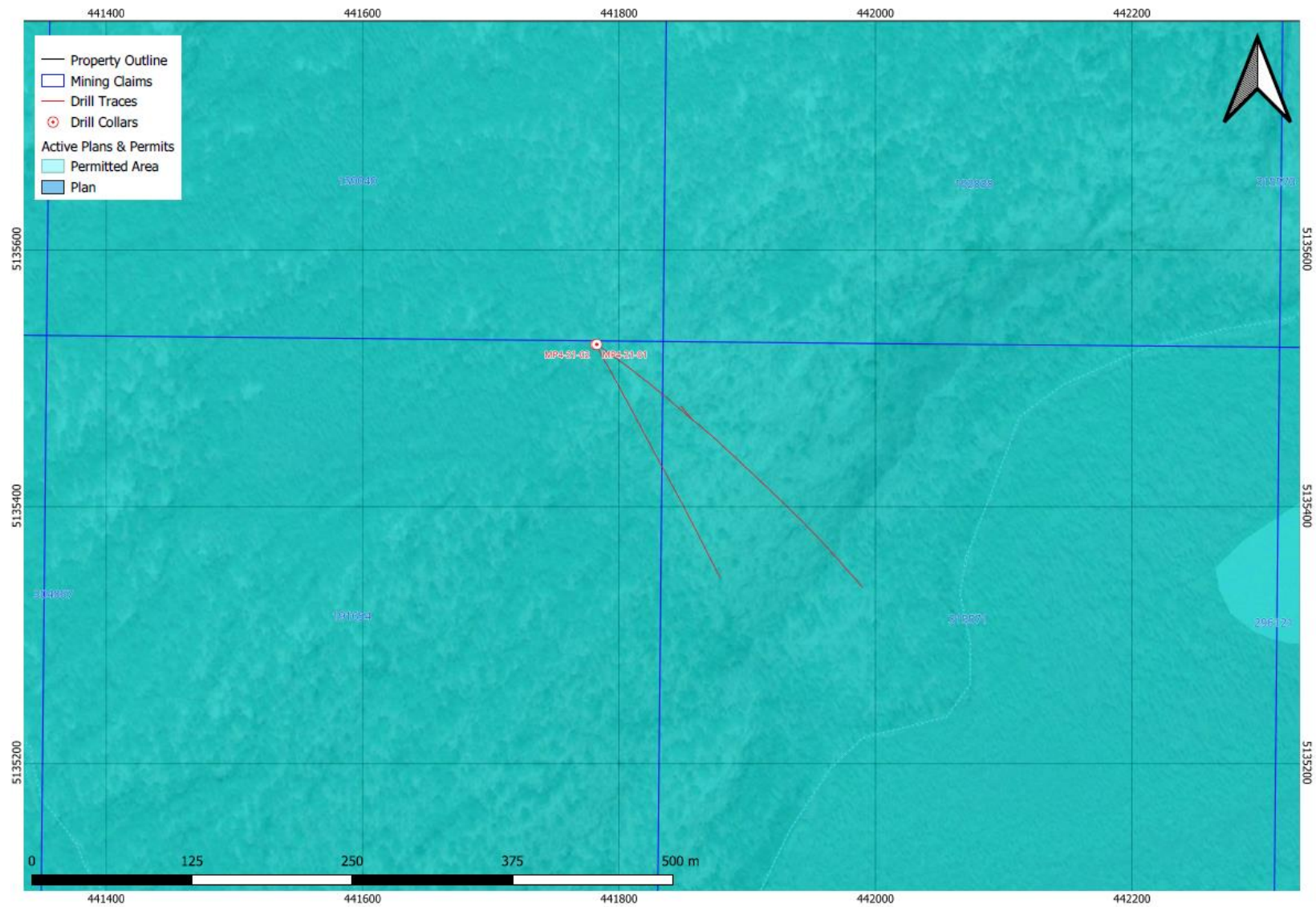


Figure 4: 2021 P4 drill hole collar locations and drill traces. NAD 83 Zone 17 T

4.2.3 Recommendations

Initial drilling at P4 was successful in explaining the EM plates at depth and defining a new zone of Ni-Cu-PGE mineralization. It would be beneficial to conduct an extensive mapping program around the P4 area to develop an understanding of the structure of the metasedimentary units, as well as their relationship with local gabbroic units. This would help identify fold structures, faults, and shear zones that may be affecting or controlling the mineralization. In addition, it may provide insight into whether the gabbroic units are concordant with bedding or discordant, which would be highly useful for future exploration.

It is also recommended that thin sections and geochemical data that has been collected at P4 be compared to Shakespeare to provide a means of understanding the genesis of these systems.

4.3 Hanover Regional Target

4.3.1 Diamond Drilling

Between October 4th and October 7th, 2021, Gyllis drilling was contracted to drill 2 holes for a total of 285m at the Hanover regional target. This drilling program was completed under exploration permit PR-20-000038. Drilling was completed in approximately 4 days with a total expenditure of \$41,270.99. The location of these drill holes and their traces is shown in Figure 5.

Drilling was completed to follow-up up on EM plates that were identified during 2021 geophysics, as well as positive results from surface geological mapping in the area.

Table 6: Summary of drilling completed in 2021 at Hanover (UTM is NAD83 Zone 17T). Includes collar information and overview of samples.

Hole Number	Easting (83)	Northing (83)	Claim	Elevation	Strike	Dip	Depth	Purpose
MHV-21-01	439574.6	5137195	160551	281.8	300	-50	90	Exploration
MHV-21-02	439288.4	5137279	187112	303.2	105	-48	195	Exploration

4.3.2 Results

Stratigraphy encountered during the drilling campaign included a series of intercalated metasedimentary rocks and gabbroic units crosscut by localized quartz veining, shear zones, and breccia units. Sedimentary intervals included pebbly greywacke to conglomerate, quartzite, and siltstone units. Quartz gabbro appears to be the dominant mafic intrusive unit, but this unit displays variability in quartz content and alteration. The quartz gabbro unit contains intervals where it is strongly talcose. Shear zones occur <2m in width defined by zones of well-developed foliation in the gabbro. Several blocky fault zones were encountered; locally associated with fault gouge. Shear and fault zones often occur in proximity to lithological boundaries. Breccia units cut stratigraphy and are associated with moderate-strong silicification. No significant zones of sulfides were observed with typically less than 2-3% fracture filling to disseminated Po-Asp-Cpy.

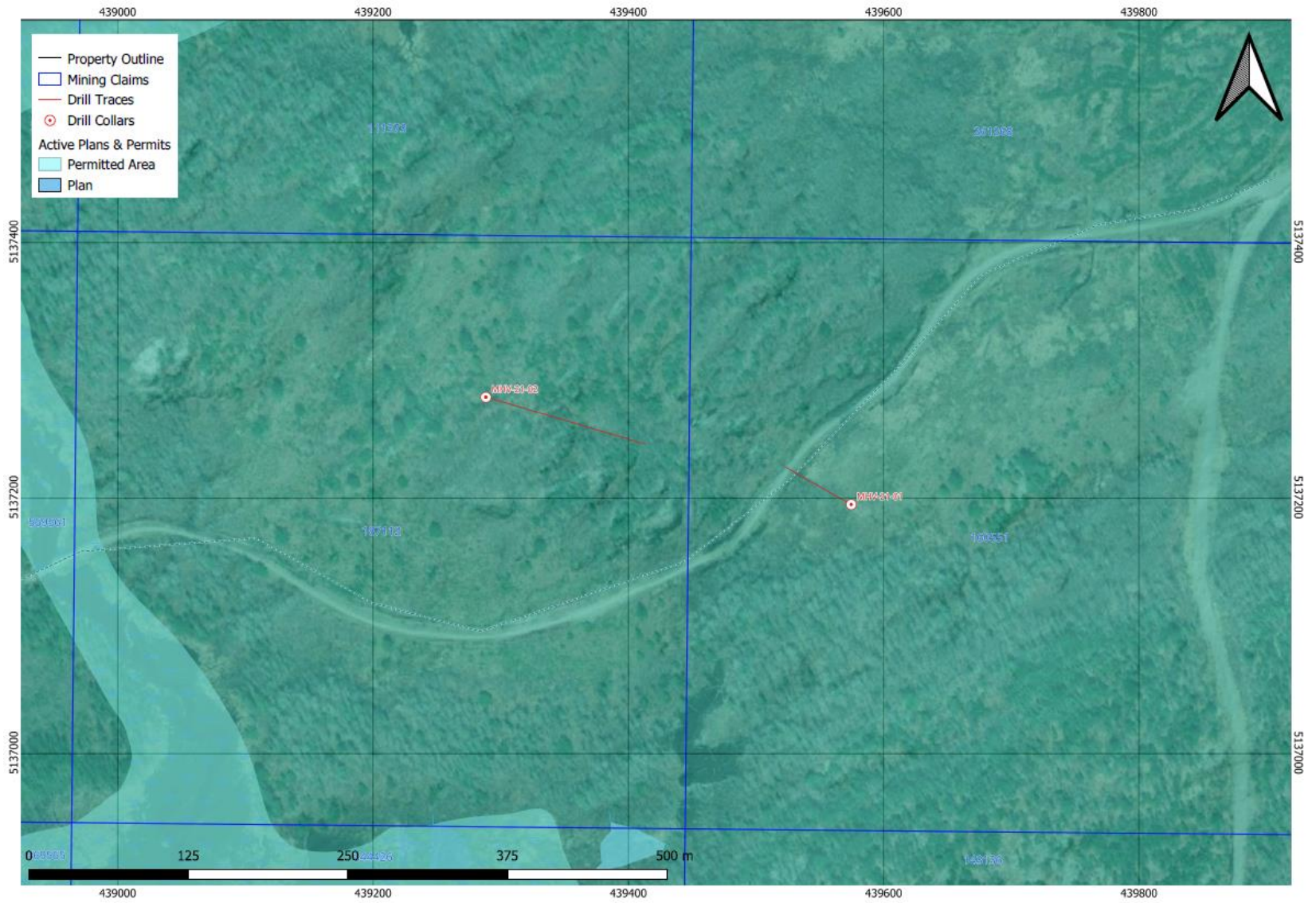


Figure 5: 2021 Hanover drill hole collar locations and drill traces. NAD 83 Zone 17 T

4.3.3 Recommendations

Borehole EM would be beneficial to determine if any off-hole conductors are present. A short follow-up drill program would be useful in testing the results of this EM and to test the continuity of the magmatic system, as well as the structural corridor along strike.

4.4 Springer Regional Target

4.4.1 Diamond Drilling

Between June 9th and June 27th, 2021, Gyllis drilling was contracted to drill 4 holes for a total of 1023m at the Springer regional target. This drilling program was completed under exploration permit PR-21-000082. Drilling was completed in approximately 18 days with a total expenditure of \$147,865.73. The location of these drill holes and their traces is shown in Figure 6.

Drilling was completed to follow-up on EM plates that were identified during 2021 geophysics, as well as high-grade surface grabs associated with a historic test pit.

Table 7: Summary of drilling completed in 2021 at Springer (UTM is NAD83 Zone 17T). Includes collar information and overview of samples.

Hole Number	Easting (83)	Northing (83)	Claim	Elevation	Strike	Dip	Depth	Purpose
MSP-21-01	439905	5131973	519152, 519153	296	315	-50	102	Exploration
MSP-21-02	440251	5132111	519153, 519154	296	135	-55	351	Exploration
MSP-21-03	439906	5131908	519152, 519153	296	315	-50	198	Exploration
MSP-21-04	439945	5131867	519152, 519153	291	315	-53	368.98	Exploration

4.4.2 Results

Stratigraphy encountered while drilling at Springer included abundant mafic volcanic with localized metasedimentary units crosscut by shear zones, quartz veining, and breccia units. Two forms of breccia occur in the area including volcanic breccia and structural/hydrothermal breccia. The volcanic breccia contains consists of a dark, aphanitic (mafic volcanic?) matrix with angular, mm-cm scale, tan-green clasts (possibly silicified + bleached mafic volcanic or chert). The structural/hydrothermal breccias consist of angular wall rock fragments surrounded by quartz-carbonate matrix. A fine-grained gabbroic unit was observed in MSP-22-03 but this unit wasn't seen in other holes. Sulfides dominantly occur as fracture-filling to quartz-carbonate vein hosted pyrrhotite and chalcopyrite up to 8-10%, as well as foliation-controlled pyrrhotite and chalcopyrite up to 10%. These zones of sulfides are typically sub metre in size.

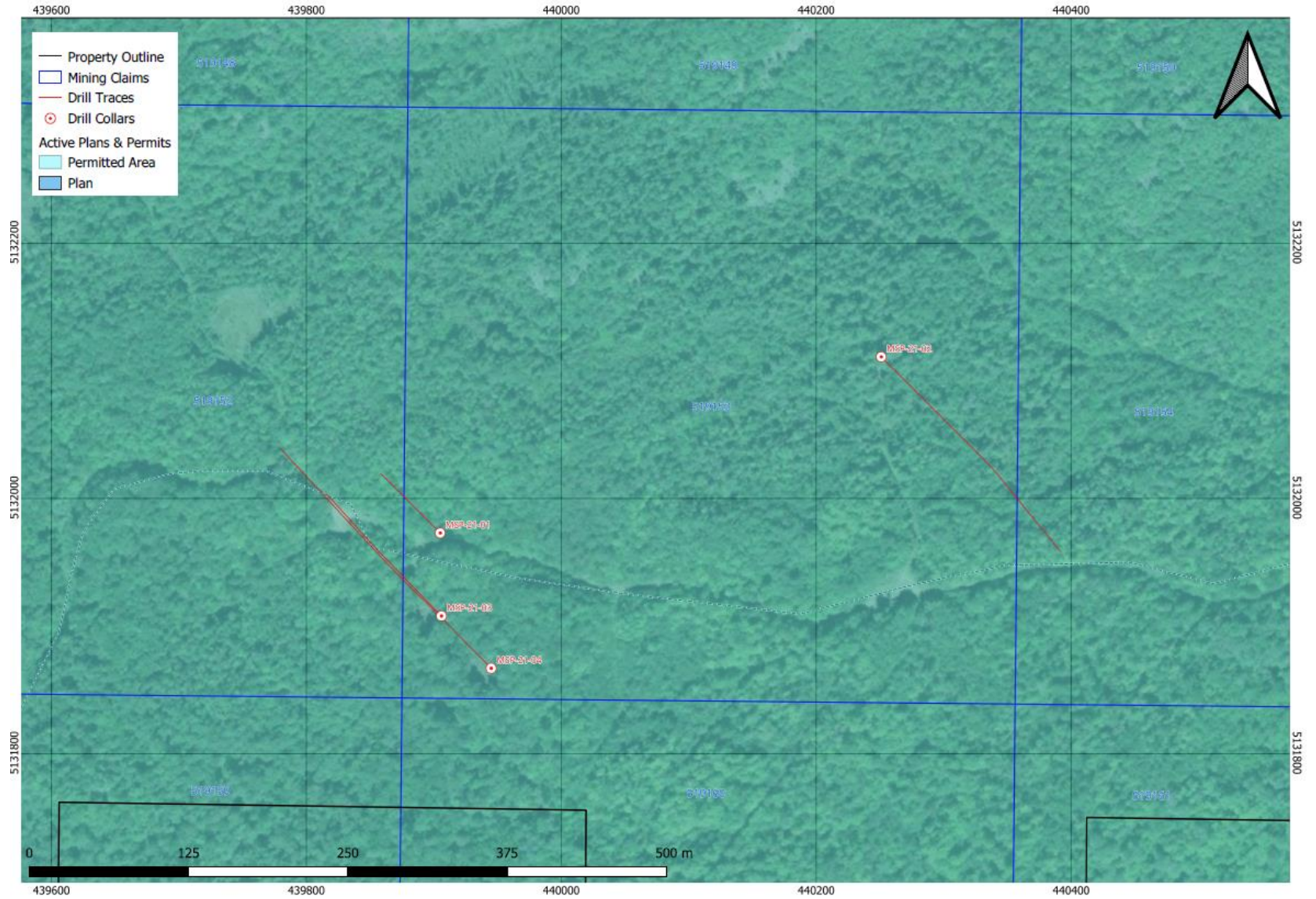


Figure 6: 2021 Springer drill hole collar locations and drill traces. NAD 83 Zone 17 T

4.4.3 Recommendations

It is recommended that a program of detailed mapping be completed to help define the surficial geology and structure. With a more well-developed understanding of the surficial geology, a more accurate geological interpretation can be completed in conjunction with drilling data and geophysical data. This exercise will be helpful in delineating targets on the property in the future.

5 Statement of Qualifications

I, Marshall Hall of 445 Castle Street, Massey, 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 Exploration Manager.



Marshall Hall
P. Geo., B. Sc., (Hons)
Exploration Manager
Magna Mining
October 27, 2022

I, Geordie Hamilton of 547 Montel, Sudbury, Ontario do certify that:

I graduated from Laurentian University with a B. Sc. (hons) in 2018.

I graduated from Laurentian University with a M. Sc. in 2021.

I am a member of the Association of Professional Geoscientists of Ontario (APGO; #3642).

I am employed by Magna Mining as an Exploration Geologist.

Geordie Hamilton
P. Geo., M. Sc.
Exploration Geologist
Magna Mining
October 27, 2022

6 References

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Appendices:

Appendix A: QAQC Program

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 (in some instances smaller samples would be selected to verify metal contents within veins) 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 net textured to semi-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 company's contact information. To ensure that samples did not fall out of the rice bags, they were zip-tied shut after quality assurance 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 confirm the samples being dropped off and have an SGS representative sign-off as confirmation of sample receipt. Alternatively, samples would be taken to Ontario Northland's bus terminal in New Sudbury. Here samples would be dropped off for shipment to Swastika Laboratories in Kirkland Lake.

The 2021 drilling program saw 3,064 samples submitted to SGS laboratories and 262 samples submitted to Swastika Laboratories. Of these 3,326 samples 323 (9.7% of all samples) were samples submitted for quality control purposes. This was composed of 132 standards, 134 blanks, and 46 duplicates.

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 in Burnaby the primary 3 methods of analysis were GE IMS90A50 (34 elements), GE_FAI30V5 (Au), and GE_FAI30V5AE (Pt, Pd). In some instances, samples would exceed detection limits and need to be analyzed using GO FAG303 (Au, Pd, Pt), or GO ICP90Q (base metals) (Tables 8-11).

Table 8: 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 9: 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 10: 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 11: Detection limits for the GO ICP90Q (overlimits) method

Elements and Limit(s)			
Co	0.01 – 30 %	Mo	0.01 – 30 %
Cu	0.01 – 30 %	Ni	0.01 – 30 %
Fe	0.05 – 30 %	Pb	0.01 – 30 %
		Zn	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 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. 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 ±10% of the original assay value. Lab duplicates are shown in Figure 9 and Figure 10. Minor variation outside of the 10% threshold is present. However, the variation is very limited and is assumed that lab precision is acceptable.

Swastika Processing

Upon arrival at the Kirkland Lake bus terminal Swastika laboratories would pick up the sample bags and bring them to the lab for processing. Here they would complete crushing and pulverizing of the samples, performing screen tests to ensure samples were within specified parameters. The crushers and pulverisers are washed between clients’ samples and after high grade samples. For more information regarding Swastika Laboratories please visit <https://swaslab.ca/services/>.

Table 13: Detection limits for ore grade precious metal assays

	Fire Assay	Finish	Detection
Gold	1 assay ton	FA-AAS MP AES	0.01 g/tonne
Gold	1 assay ton	Gravimetry	0.30 g/tonne
Platinum	1 assay ton	FA-AAS MP AES	0.01 g/tonne
Palladium	1 assay ton	FA-AAS MP AES	0.01 g/tonne

Table 12: Detection limits for single element geochemical analysis - aqua regia digestion with FAAS or MP-AES finish.

	Range (ppm)
Antimony (Sb)	5 – 1,000
Arsenic (As)	5 – 10,000
Beryllium (Be)	0.5 – 1,000
Bismuth (Bi)	5 – 1,000
Cobalt (Co)	2 – 1,000
Copper (Cu)	1 – 10,000
Lead (Pb)	1 – 10,000
Molybdenum (Mo)	2 – 10,000
Nickel (Ni)	1 – 10,000
Silver (Ag)	0.2 – 100
Tellurium (Te)	2 – 1,000
Zinc (Zn)	1 – 10,000

Swastika Internal Quality Control

Swastika routinely added in quality control samples and is an accredited lab by CALA (accreditation No A3937). Standards are selected to match the typical matrix of samples submitted to ensure that grades are being reported accurately. Swastika quality control personnel monitor this, submit QAQC documentation, and report their QC sample analysis with assay certificates. Review of these analysis shows that results are within acceptable limits.

Swastika Internal Duplicates

Swastika 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. This data is then reviewed and approved by Swastika personnel.

Data Verification – Magna Mining’s Internal Protocol

To ensure proper reporting and analysis by the analytical facilities, Magna inserted standards, blanks, and duplicates at regular intervals throughout the drill program as part of a QAQC protocol. These QC samples underwent the same sample preparation as drill core. QAQC samples were submitted every 10 samples following this sequence blank, high standard, duplicate, blank, low standard. Blank material consists of barren quartz gravel measured to be the approximate size of samples in that batch, standards are certified reference material selected to be in the approximate range of the Shakespeare deposit, and duplicates consist of ¼ core. It should be noted that random blanks were added in areas of mineralization to confirm contamination is not occurring between samples.

Magna Submitted Standards (SGS)

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 86 standards submitted to SGS there was a total of 14 failures. Thirteen of these failures belonged to the high standard used in this program and most of these failures belonged to either Cu or Ni. These failures are attributed to detection limits of the procedure and in all cases re-analysis of the failed standards provided accurate values. Standard 431700 plotted at the threshold of 3 standard deviations on Pt. As such the data reported have been deemed acceptable for this program. The remaining standard that failed belong to the low standard. This standard (430620) failed for Ni and was reanalysed. The data was not reported as being within acceptable tolerance of the failed standard and as such samples surrounding this standard were re-analysed and this data has been used within the database. Figure 7 below shows the Z-score for Pd, Pt, Cu, & Ni with failed standards labelled. Table 14 Figure 12 and Figure 7 below outline the failed standards and compares the scores to the re-analysis.

Magna Submitted Blanks (SGS)

A total of 98 blanks were submitted during the 2021 drilling program. 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, blanks were submitted into the sample sequence. Two-to-four-centimeter quartz gravel chunks were used for the blank material (garden gravel). Metal values for gravel blanks are assumed to be near zero. 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 to allow for testing for contamination of samples and helps clean the laboratory equipment.

Failure limits for the standards are defined as 4 ppb (Au), 40 ppb (Pt), and 4 ppb (Pd) from powdered blanks (as defined by CDN thresholds) used in a previous program. For coarse blanks in this program these thresholds were carried over, however, gravel blanks are not certified materials and there could be natural variation in the samples. Failure limits for Ni and Cu were set at 150 ppm arbitrarily (as per previous reports). Results of the blank assays are shown in Figure 8.

The results show there is no contamination within Pd and Pt. Both Cu and Ni show some variability but are predominantly within the defined limits. One sample in Ni breaches 150 ppm and was still in very close proximity to the threshold and below 175ppm or 0.0175% the sample was accepted.

Magna Submitted Duplicates (SGS)

A total of 47 duplicates were cut and submitted to SGS laboratories as part of Magna's QAQC procedure. With these duplicates being of $\frac{1}{4}$ core there is some variation within the samples. This can largely be attributed to nugget effect of the mineralization as one side of the quartered core may contain more mineralization than the other. When the lab duplicates (based on pulps) there is much greater reproducibility amongst the samples. In both cases the duplicate plots for Magna submitted and lab duplicates are comparable and have been deemed acceptable. These plots can be seen in Figure 9 and Figure 10.

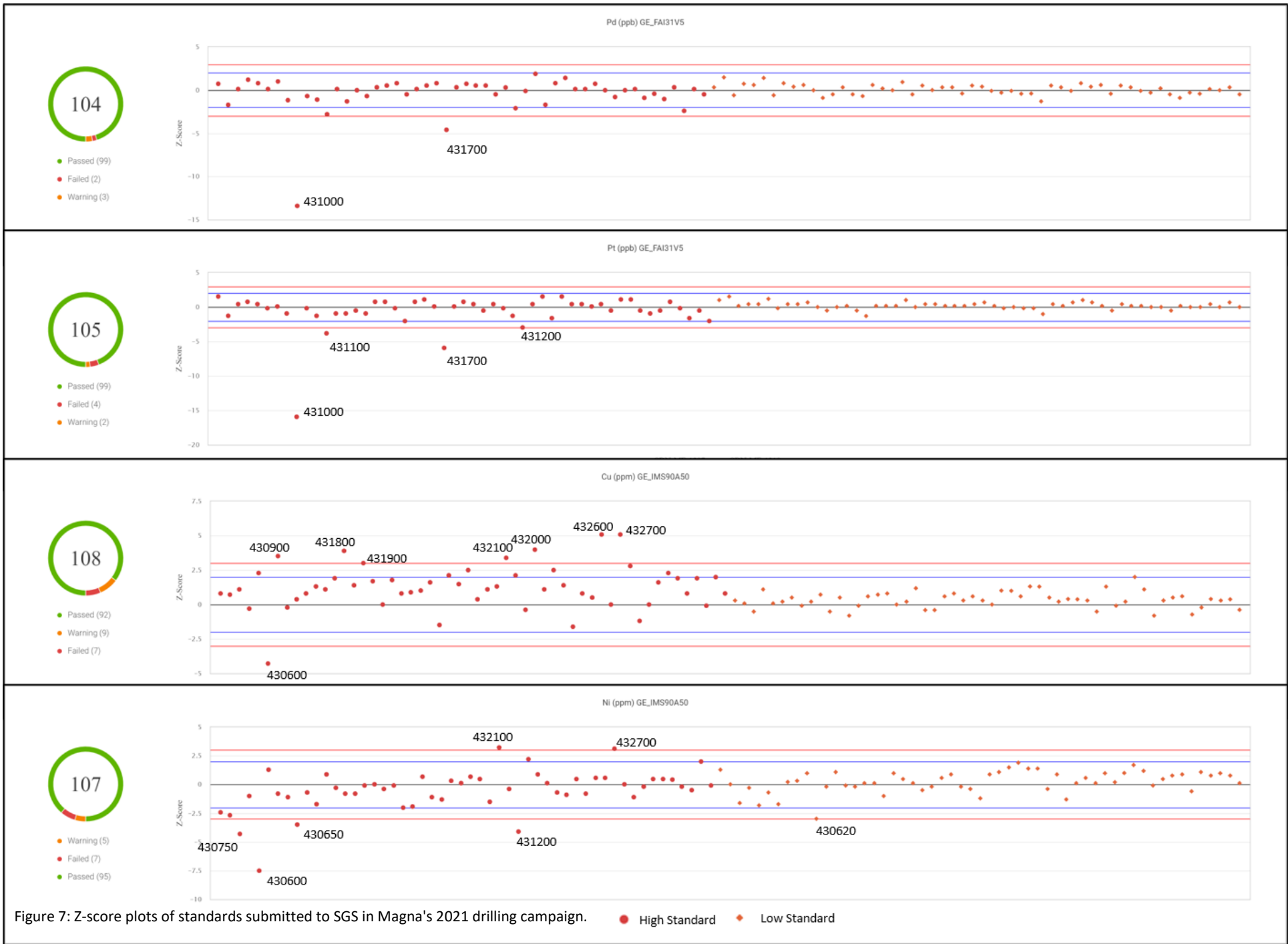


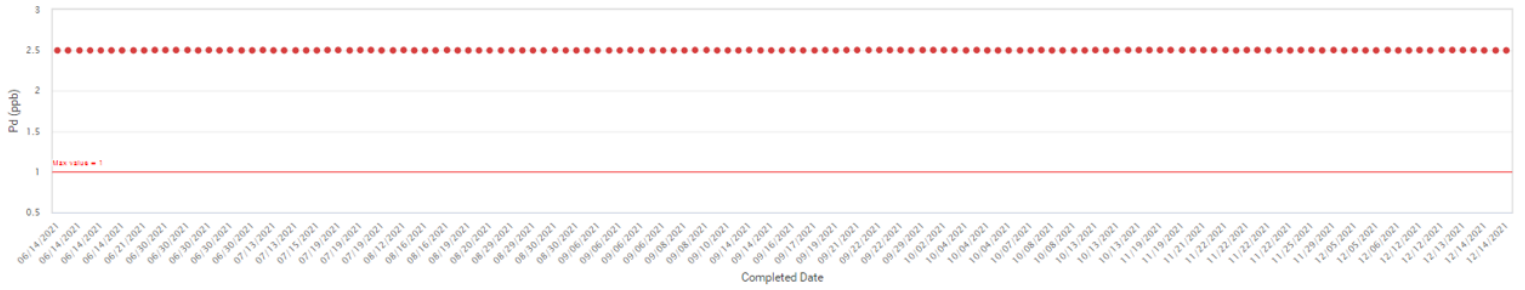
Figure 7: Z-score plots of standards submitted to SGS in Magna's 2021 drilling campaign.

Table 14: Chart showing standards that failed on SGS initial submissions and passed second screenings.

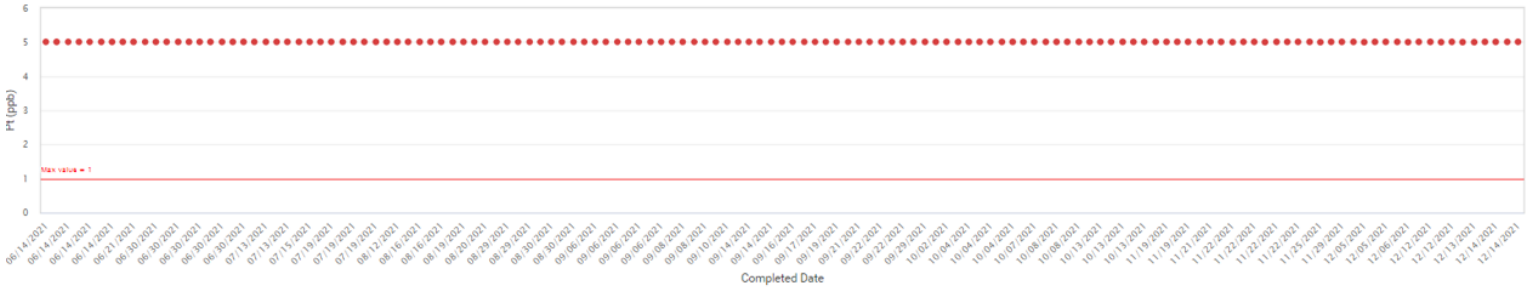
Sample number	Cert. number	Status	CRM code	Value	Certified value	Standard deviation	Analyte	Unit	Sample workflow
S00430600	BBM21-10178	Failed	HIGH STANDARD	11221	15720	590	Ni	ppm	SGS
	BBM21-12306	Passed		15781	15720	590	Ni	ppm	SGS
	BBM21-10178	Failed		3632	4070	100	Cu	ppm	SGS
	BBM21-12306	Passed		4109	4070	100	Cu	ppm	SGS
S00430620	BBM21-10199	Failed	LOW STANDARD	3005	3790	250	Ni	ppm	SGS
	BBM21-12307	Passed		4016	3790	250	Ni	ppm	SGS
S00430650	BBM21-10199	Failed	HIGH STANDARD	13592	15720	590	Ni	ppm	SGS
	BBM21-12307	Passed		16124	15720	590	Ni	ppm	SGS
S00430750	BBM21-10214	Failed	HIGH STANDARD	13133	15720	590	Ni	ppm	SGS
	BBM21-12308	Passed		16018	15720	590	Ni	ppm	SGS
S00430900	BBM21-10340	Failed	HIGH STANDARD	4423	4070	100	Cu	ppm	SGS
	BBM21-12309	Passed		4179	4070	100	Cu	ppm	SGS
S00431000	BBM21-10447	Failed	HIGH STANDARD	221	992	57	Pd	ppb	SGS
	BBM21-12310	Passed		997	992	57	Pd	ppb	SGS
	BBM21-10447	Failed		120	568	28	Pt	ppb	SGS
	BBM21-12310	Passed		590	568	28	Pt	ppb	SGS
S00431100	BBM21-10628	Failed	HIGH STANDARD	460	568	28	Pt	ppb	SGS
	BBM21-12538	Passed		550	568	28	Pt	ppb	SGS
S00431200	BBM21-10829	Failed	HIGH STANDARD	13264	15720	590	Ni	ppm	SGS
	BBM21-13931	Passed		16023	15720	590	Ni	ppm	SGS
	BBM21-10829	Failed		480	568	28	Pt	ppm	SGS
S00431700	BBM21-	Failed	HIGH	723	992	57	Pd	ppb	SGS

	11592		STANDARD						
	BBM21-12817	Passed		997	992	57	Pd	ppb	SGS
	BBM21-11592	Failed		400	568	28	Pt	ppb	SGS
	BBM21-12817	Passed		580	568	28	Pt	ppb	SGS
S00431800	BBM21-11628	Failed	HIGH	4465	4070	100	Cu	ppm	SGS
	BBM21-12539	Warning	STANDARD	4322	4070	100	Cu	ppm	SGS
S00432000	BBM21-11717	Failed	HIGH	4471	4070	100	Cu	ppm	SGS
	BBM21-13932	Warning	STANDARD	4301	4070	100	Cu	ppm	SGS
S00432100	BBM21-11857	Failed		17637	15720	590	Ni	ppm	SGS
	BBM21-13934	Passed	HIGH	15995	15720	590	Ni	ppm	SGS
	BBM21-11857	Failed	STANDARD	4410	4070	100	Cu	ppm	SGS
	BBM21-13934	Passed		4260	4070	100	Cu	ppm	SGS
S00432600	BBM21-13038	Failed	HIGH	4582	4070	100	Cu	ppm	SGS
	BBM21-12306	Passed	STANDARD	4109	4070	100	Cu	ppm	SGS

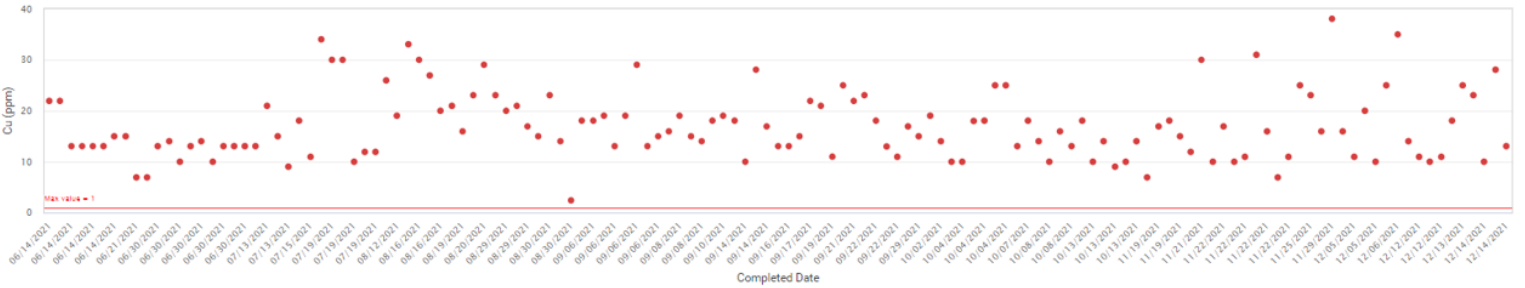
Coarse blank : Pd (ppb) GE_FAI31V5

Coarse blank 

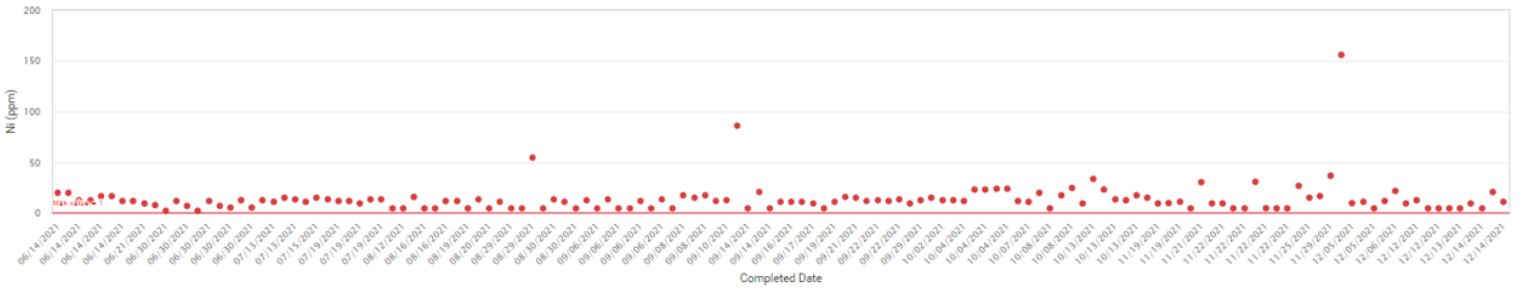
Coarse blank : Pt (ppb) GE_FAI31V5

Coarse blank 

Coarse blank : Cu (ppm) GE_IMS90A50

Coarse blank 

Coarse blank : Ni (ppm) GE_IMS90A50

Coarse blank 

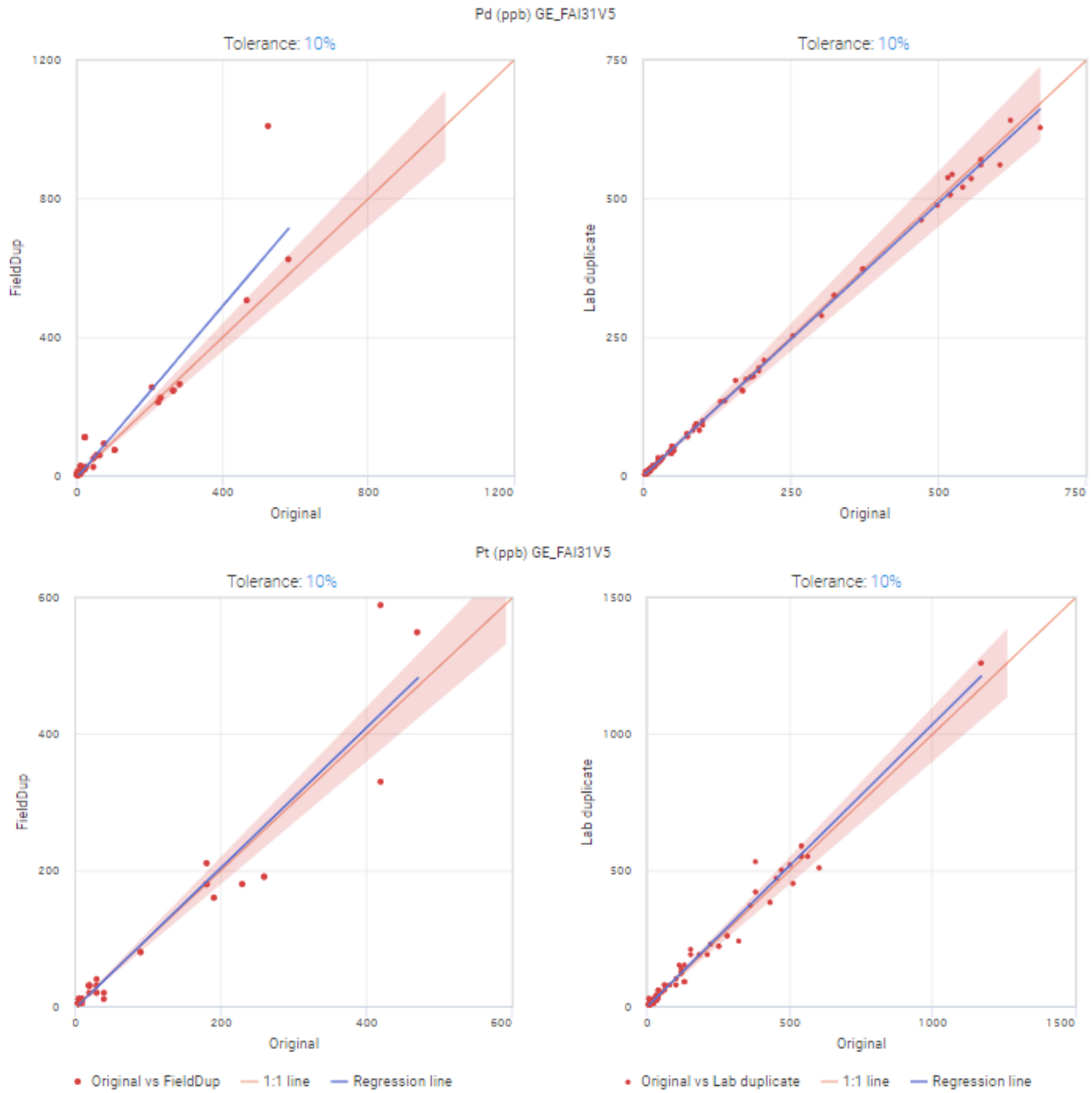


Figure 9: Plots of duplicate data for Pd (top) and Pt (bottom). In both cases Magna submitted duplicates can be seen on the left and SGS laboratories are shown on the right.

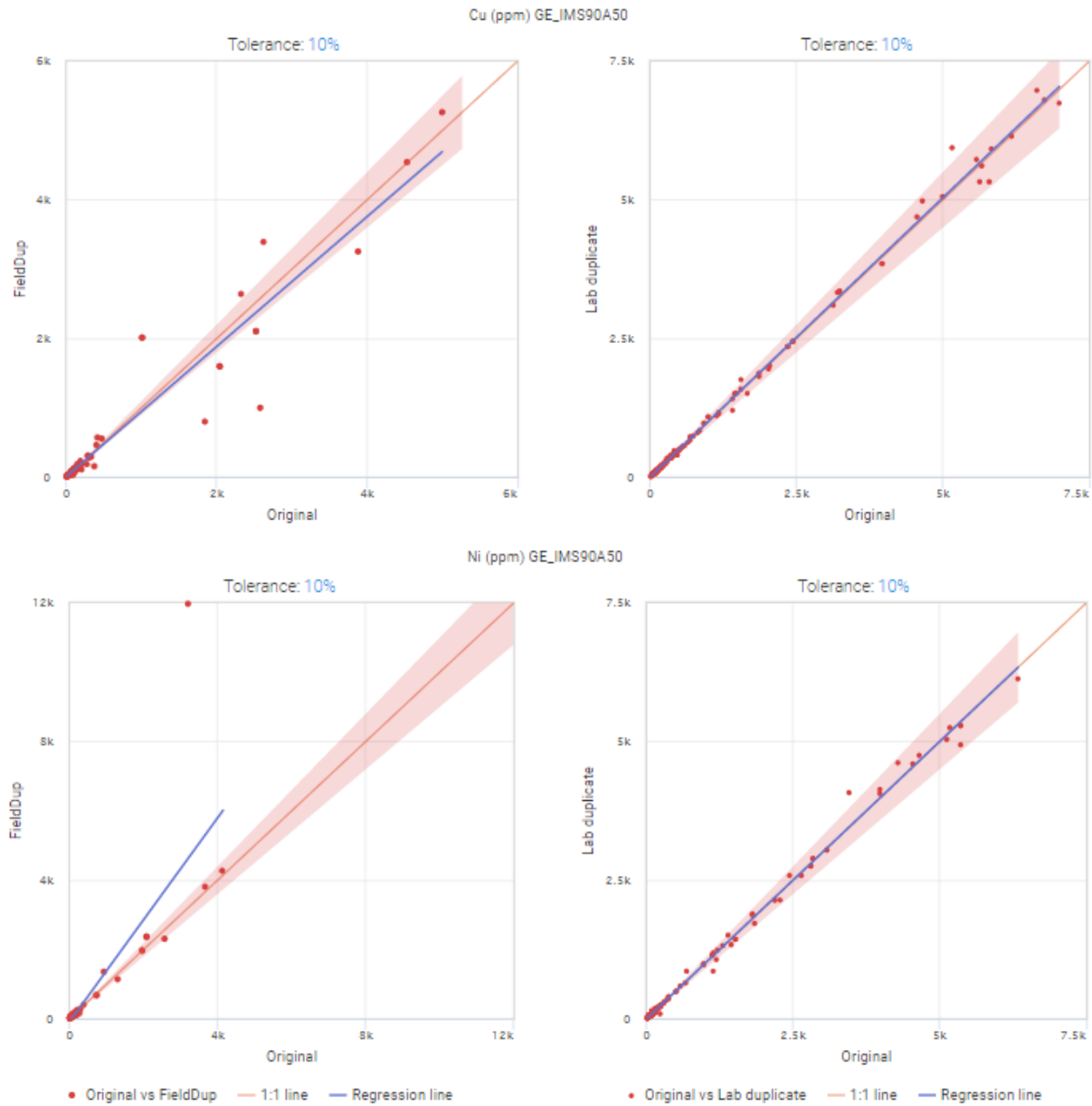


Figure 10: Plots of duplicate data for Cu (top) and Ni (bottom). In both cases Magna submitted duplicates can be seen on the left and SGS laboratories are shown on the right.

Magna Submitted Standards (Swastika)

During the 2021 drilling campaign Magna submitted 11 standards to Swastika Laboratories as part of our QAQC procedures. These standards were the same as submitted to SGS and followed the same procedures except for sample E5947712 which was submitted so that a standard would be included with a sample submission. A total of 3 high standards were submitted with the remaining 8 being of the chosen low standard for this drilling program. In all cases the standards passed QAQC within 2 standard deviations. This data can be seen in Figure 11 and Figure 12.

Magna Submitted Blanks (Swastika)

Magna submitted 11 blanks in the 2021 drilling program to Swastika Laboratories. All blanks returned within acceptable limits for Cu, Ni, Pd, & Pt. This data can be seen in Figure 12.

Magna Submitted Duplicates (Swastika)

Magna submitted 5 duplicates at regular intervals in the sample sequence. These duplicates are comparable to what was seen in those submitted to SGS. More samples of barren rock were submitted to Swastika and as such many of the samples plot closer to lower detection limit. This data can be seen in Figure 13.

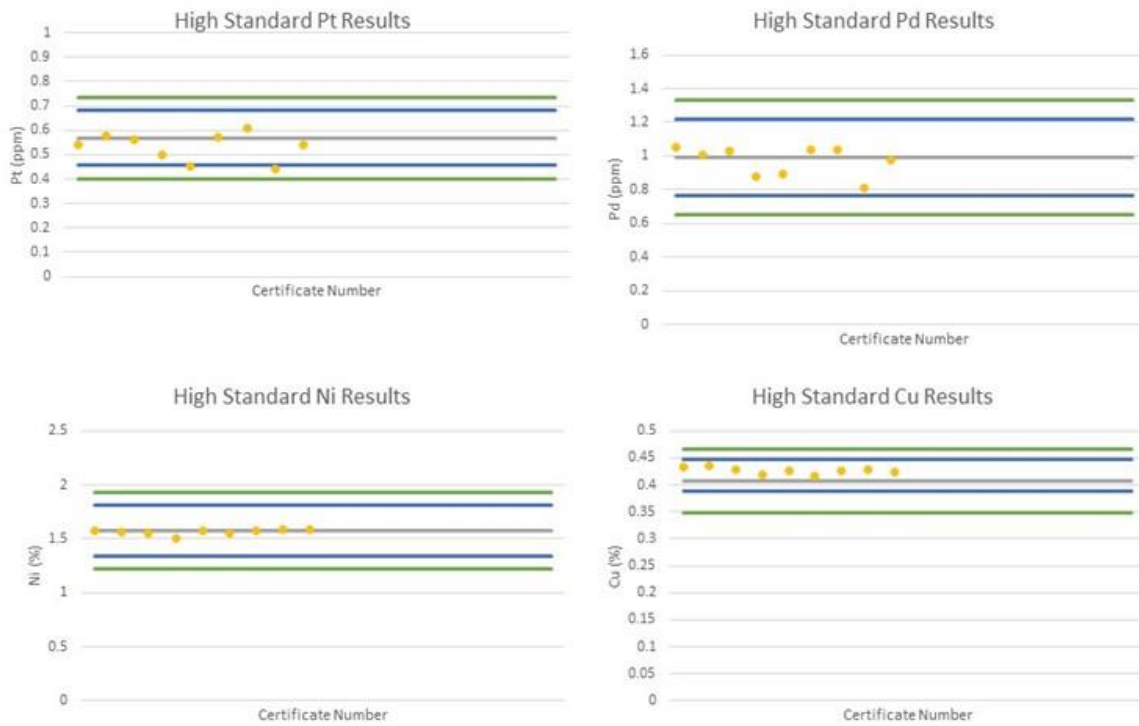


Figure 11: Standard plots for high standards submitted by Magna Mining.

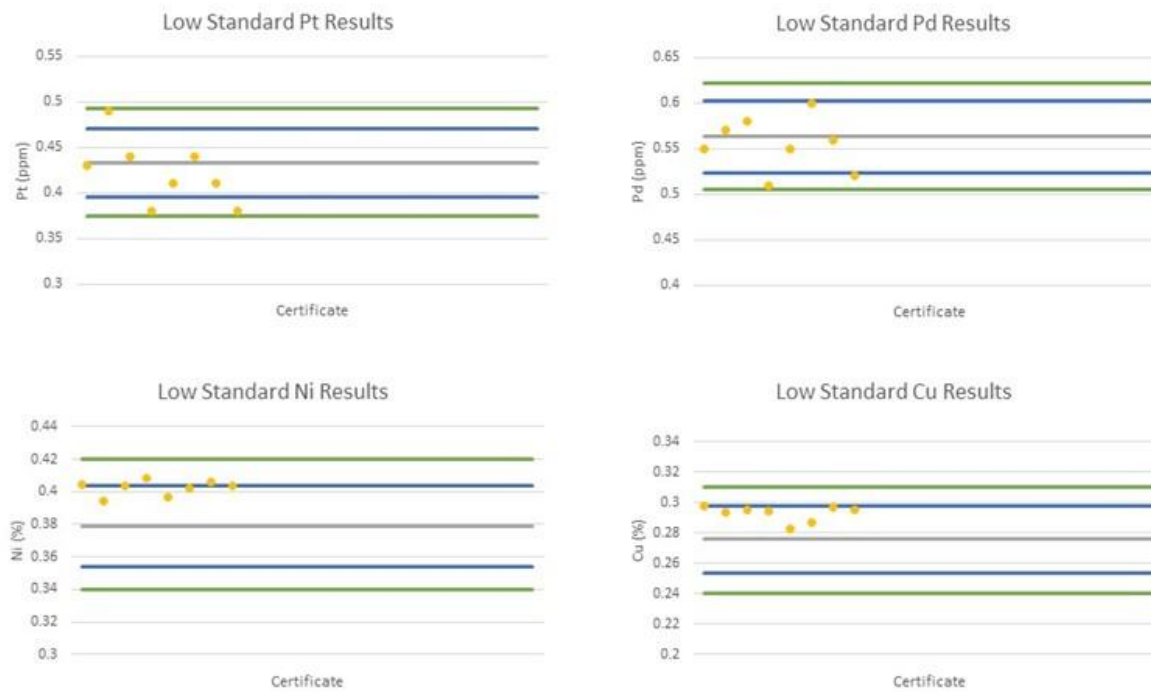


Figure 12: Standard plots for low standards submitted by Magna.



Figure 13: Blank plots for coarse blanks submitted by Magna to Swastika Laboratories.

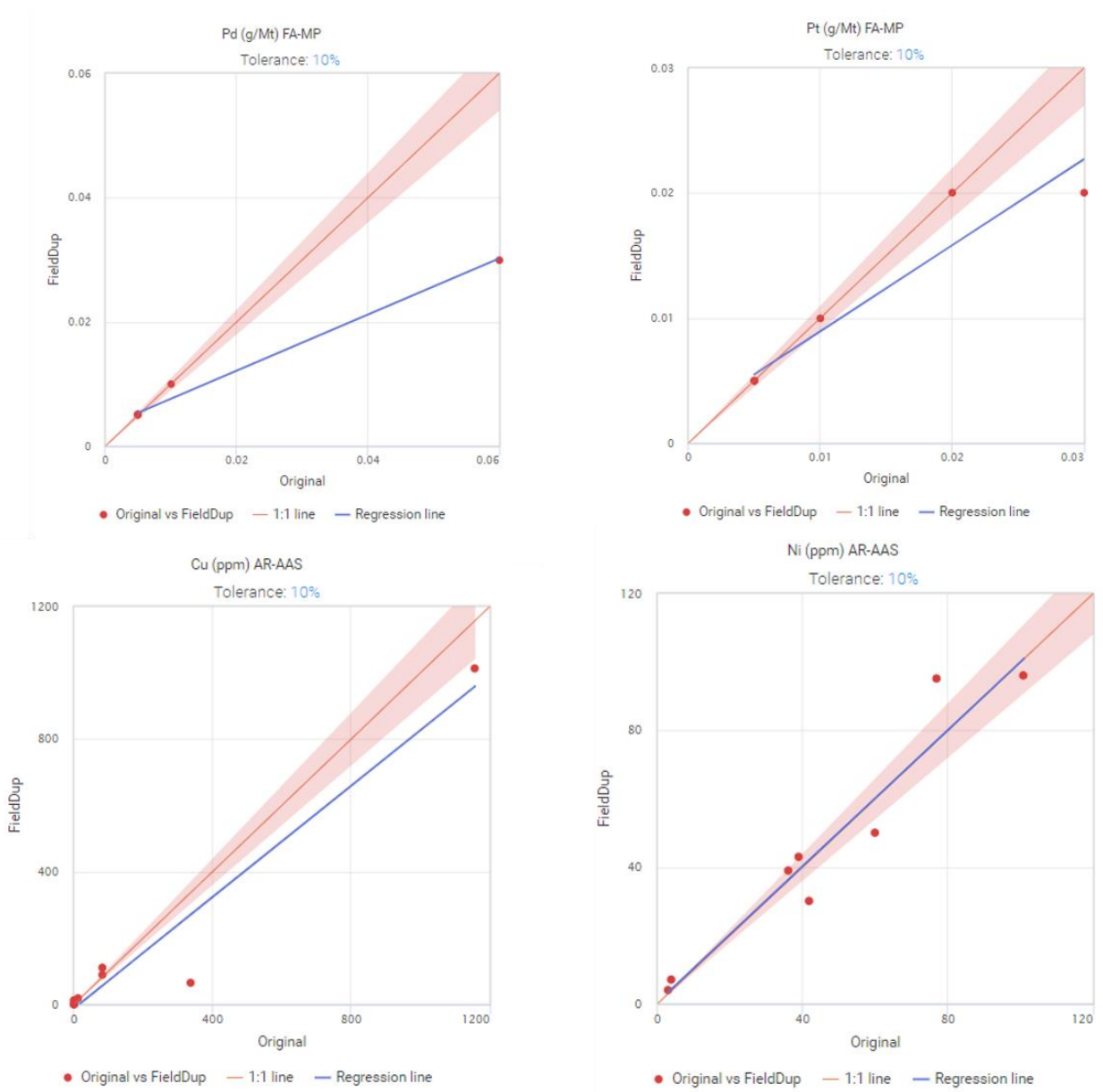
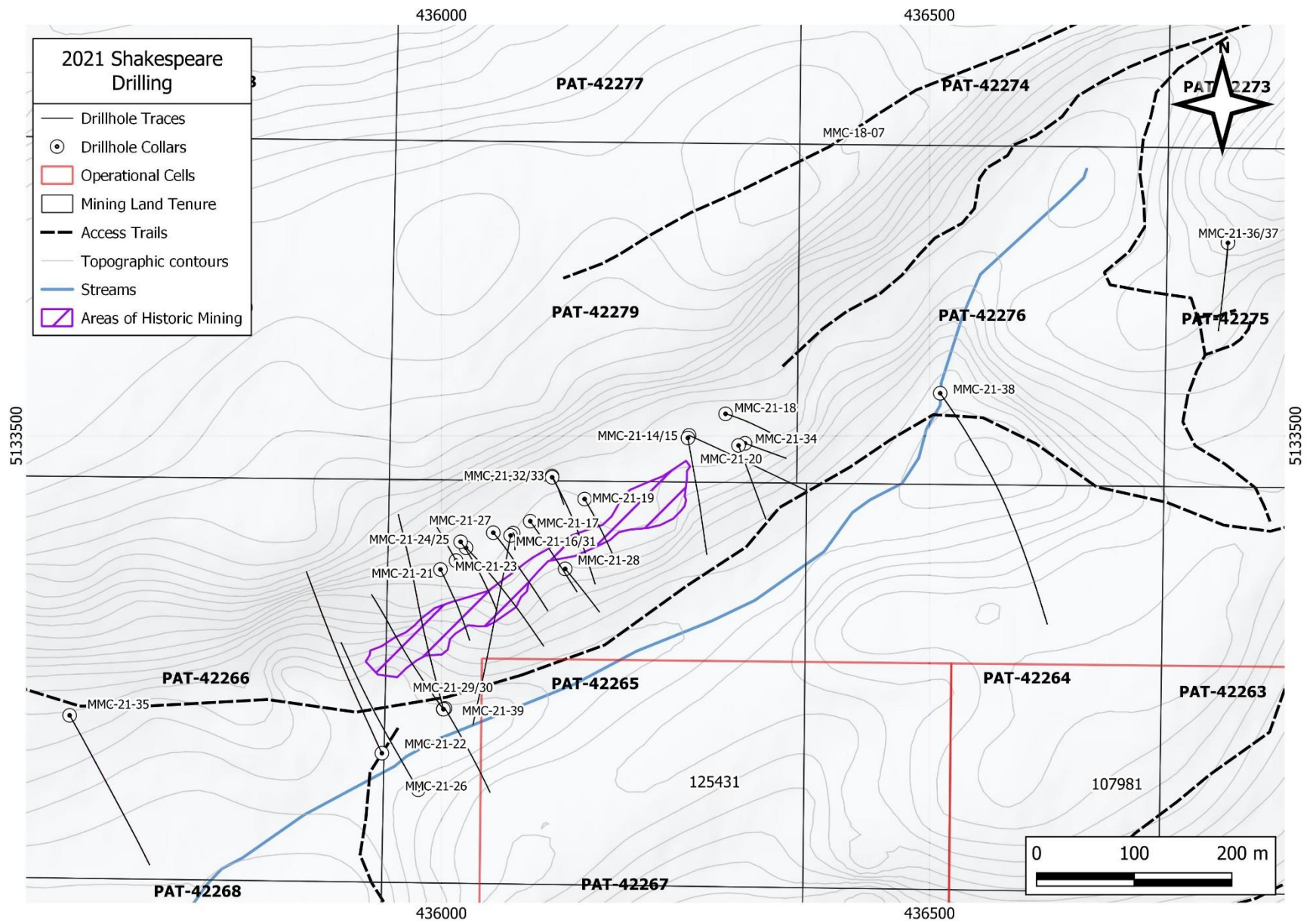
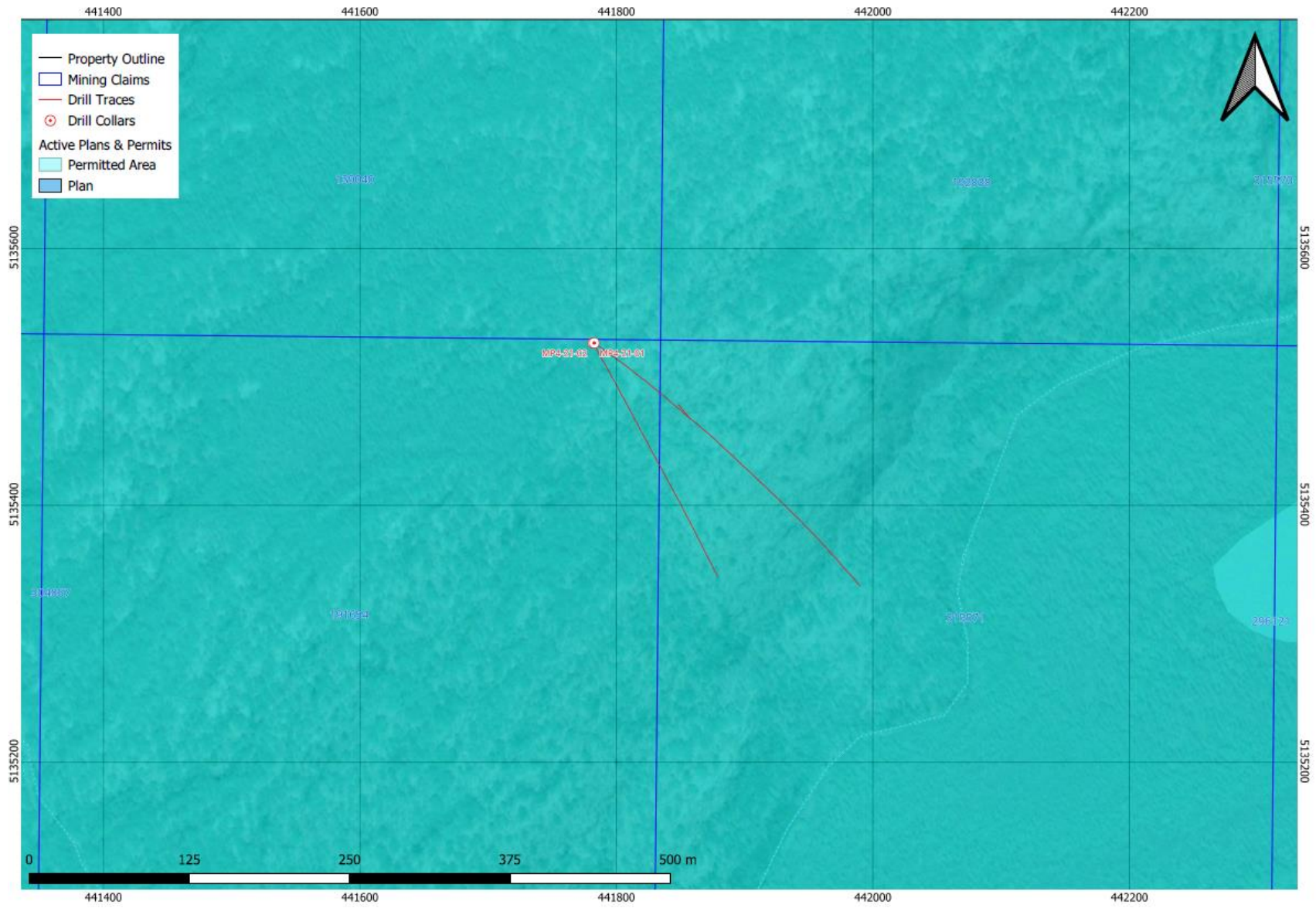
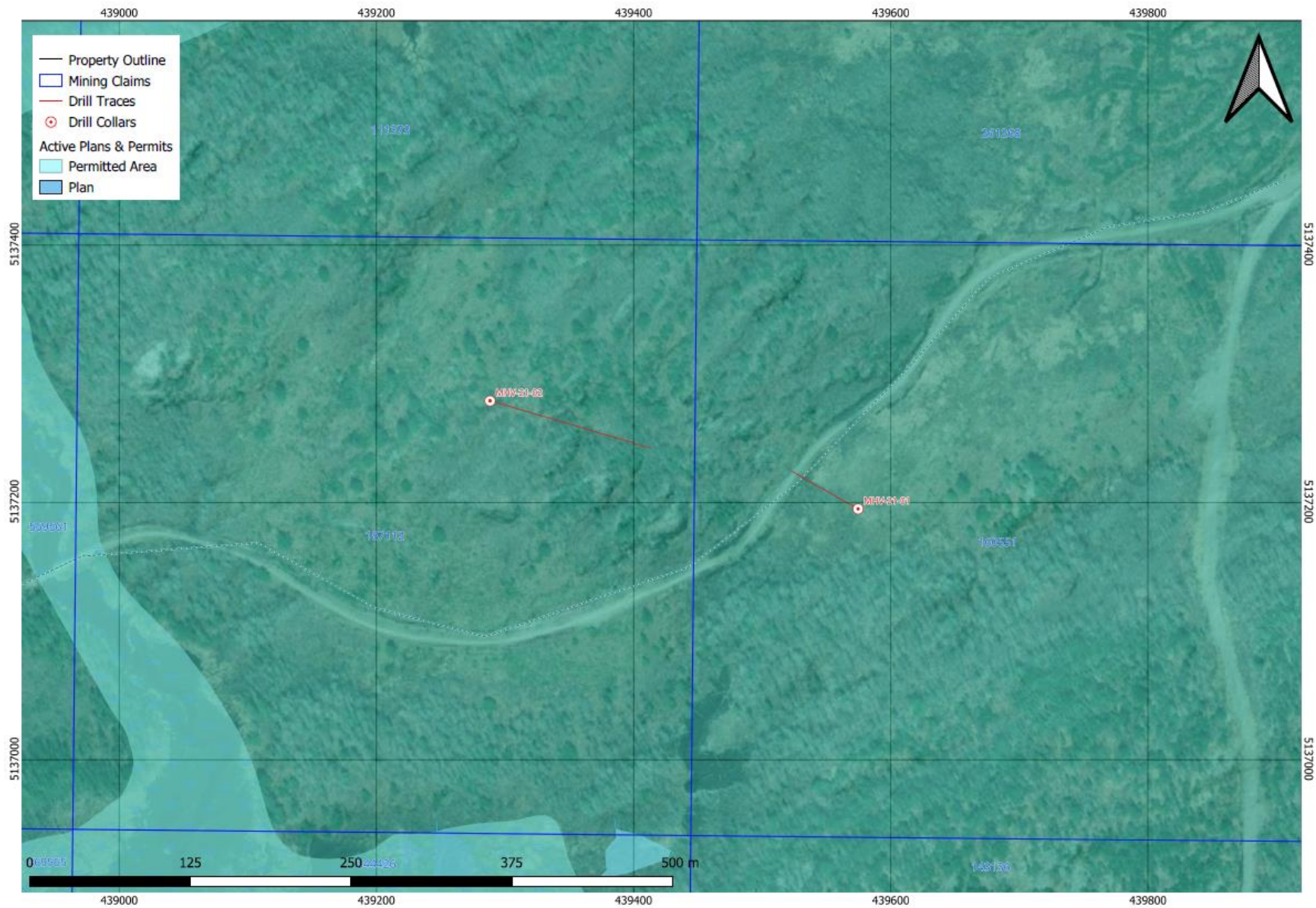


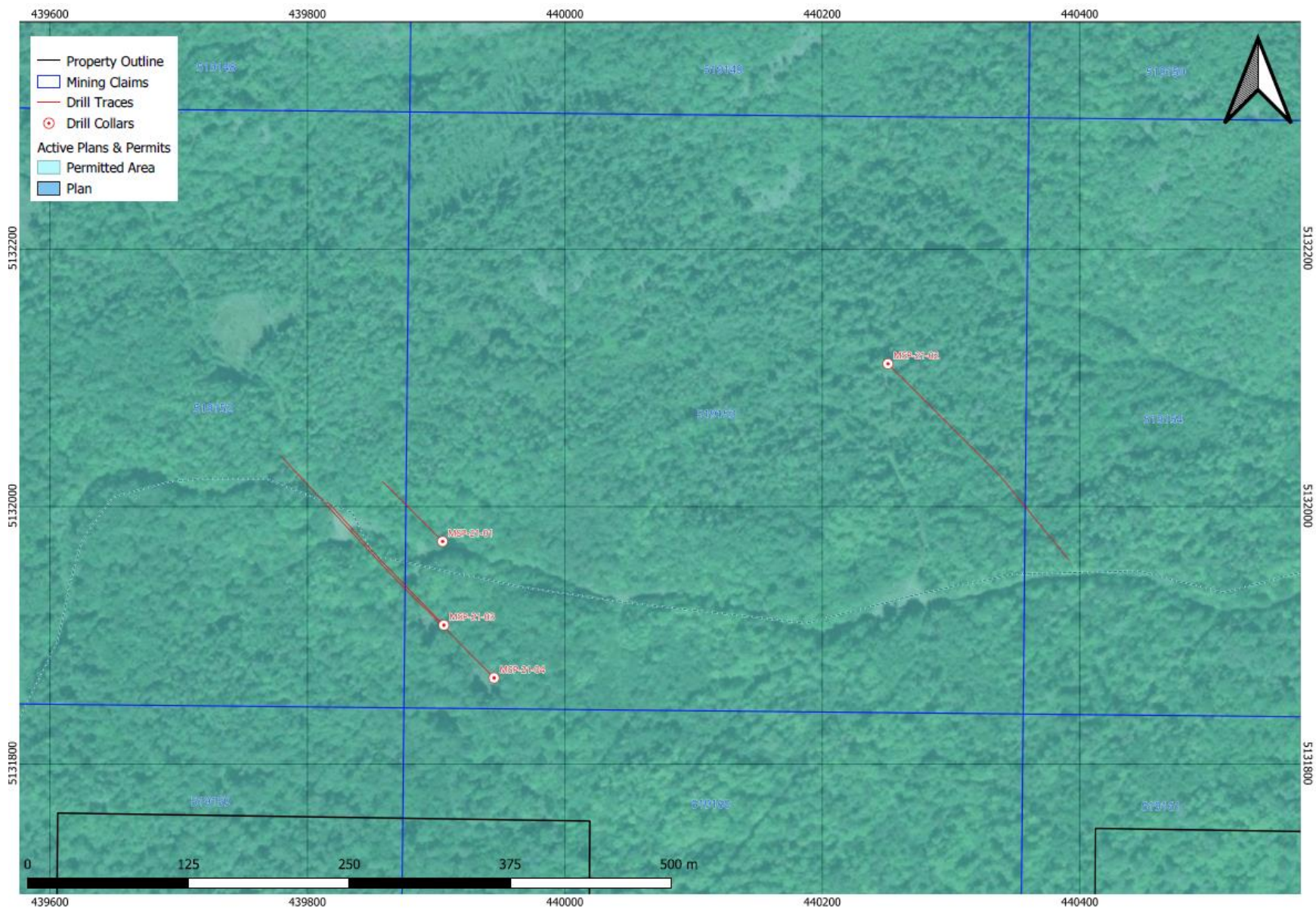
Figure 14: Plots of duplicates submitted by Magna to Swastika Laboratories.



Appendix B: Drilling Plan Maps







Appendix C: Cost Distribution

Drilling Costs – Shakespeare Mine

Item	Subtotal	HST	Total Cost	Invoice #	Cost Distribution Per Claim											
					PAT-42266		PAT-42265		PAT-42279		PAT-42264		PAT-42276		PAT-42275	
					%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
MMC-18-07*	\$38,957	\$5,064.41	\$44,021.41	10013/14	0	\$0	0	\$0	0	\$0	0	\$0	100	\$44,021.41	0	\$0
MMC-21-14	\$19,683	\$2,558.73	\$22,241.23	10009	0	\$0	0	\$0	0	\$0	0	\$0	100	\$22,241.23	0	\$0
MMC-21-15	\$23,052	\$2,996.73	\$26,048.48	10010	0	\$0	0	\$0	0	\$0	48	\$12,503.27	52	\$13,545.21	0	\$0
MMC-21-16	\$36,441	\$4,737.27	\$41,177.77	10010	0	\$0	100	\$41,178	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-17	\$21,318	\$2,771.28	\$24,088.78	10010	0	\$0	100	\$24,089	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-18	\$54,960	\$7,144.80	\$62,104.80	10013	0	\$0	0	\$0	100	\$62,105	0	\$0	0	\$0	0	\$0
MMC-21-19	\$42,558	\$5,532.54	\$48,090.54	10013	0	\$0	100	\$48,091	0	\$0	0	\$	0	\$0	0	\$0
MMC-21-20	\$22,757	\$2,958.35	\$25,714.85	10014	0	\$0	0	\$0	0	\$0	0	\$0	100	\$25,714.85	0	\$0
MMC-21-21	\$43,684	\$5,678.86	\$49,362.36	10016	0	\$0	100	\$49,362	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-22	\$44,181	\$5,743.47	\$49,923.97	10016	100	\$49,923.97	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-23	\$14,054	\$1,826.99	\$15,880.74	10016	0	\$0	100	\$15,880.74	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-24	\$36,135	\$4,697.52	\$40,832.27	10016	0	\$0	100	\$40,832.27	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-25	\$34,825	\$4,527.22	\$39,351.97	10017	0	\$0	100	\$39,351.97	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-26	\$31,682	\$4,118.66	\$35,800.66	10017	59	\$21,122.39	41	\$14,678.27	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-27	\$38,088	\$4,951.44	\$43,039.44	10017	0	\$0	100	\$43,039.44	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-28	\$10,891	\$1,415.83	\$12,306.83	10019	0	\$0	100	\$12,306.83	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-29	\$37,379	\$4,859.30	\$42,238.55	10019	0	\$0	100	\$42,238.55	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-30	\$34,489	\$4,483.60	\$38,972.85	10019	22	\$8,574.03	78	\$30,398.82	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-31	\$36,600	\$4,758.03	\$41,358.28	10019	0	\$0	100	\$41,358.28	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-32	\$20,658	\$2,685.48	\$23,342.98	10020	0	\$0	96	\$22,409.26	4	\$933.72	0	\$0	0	\$0	0	\$0
MMC-21-33	\$25,348	\$3,295.24	\$28,643.24	10020	0	\$0	82	\$23,487.46	18	\$5,155.78	0	\$0	0	\$0	0	\$0
MMC-21-34	\$11,956	\$1,554.22	\$13,509.72	10020	0	\$0	0	\$0	100	\$13,509.72	0	\$0	0	\$0	0	\$0
MMC-21-35	\$28,971	\$3,766.23	\$32,737.23	10020	100	\$32,737.23	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
MMC-21-36	\$1,381	\$179.53	\$1,560.53	10020	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	100	\$1,560.53

MMC-21-37	\$17,836	\$2,318.68	\$20,154.68	10020	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	100	\$20,154.68
MMC-21-38	\$93,532	\$12,159.18	\$105,691.35	10020/21	0	\$0	0	\$0	0	\$0	58	\$61,301	42	\$44,390.37	0	\$0
MMC-21-39	\$20,284	\$2,636.92	\$22,920.92	10022	0	\$0	100	\$22,920.92	0	\$0	0	\$0	0	\$0	0	\$0
Mobilization and Demobilization	\$17,860.28	\$2,321.84	\$20,182.12	10013-10022	11	\$2,220	55	\$11,100.16	8	\$1,614.57	8	\$1,614.57	14	\$2,825.50	4	\$807.28
Stand-by	\$61,905.00	\$8,047.65	\$69,952.65	10013-10023	11	\$7,695	55	\$38,473.96	8	\$5,596.21	8	\$5,596.21	14	\$9,793.37	4	\$2,798.11
Miscellaneous	\$245,001.00	\$31,850.13	\$276,851.13	10013-10024	11	\$30,454	55	\$152,268.12	8	\$22,148.09	8	\$22,148.09	14	\$38,759.16	4	\$11,074.05
Total	\$1,166,462.20	\$151,640.09	\$1,318,102.29			\$152,726.06		\$713,464.48		\$111,062.89		\$103,163.13		\$201,291.08		\$36,394.65

Drilling Costs - Regional

						Cost Distribution Per Claim													
						191654		315571		160551		187112		519152		519153		519154	
Project	Item	Subtotal	HST	Total Cost	Invoice #	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
P4	MP4-21-01	\$49,411	\$6,423.40	\$55,834.15	10018	22	\$12,284	78	\$43,551	0	\$0	0	\$0	0	\$0.00	0	\$0	0	\$0
	MP4-21-02	\$54,430	\$7,075.93	\$61,506.18	10018/19	52	\$31,983	48	\$29,523	0	\$0	0	\$0	0	\$0.00	0	\$0	0	\$0
	Mobilization and Demobilization	\$4,951	\$643.68	\$5,595.06	10018/19	35	\$1,958	65	\$3,637	0	\$0	0	\$0	0	\$0.00	0	\$0	0	\$0
	Stand-by	\$15,750	\$2,047.50	\$17,797.50	10018/19	35	\$6,229	65	\$11,568	0	\$0	0	\$0	0	\$0.00	0	\$0	0	\$0
	Miscellaneous	\$34,800	\$4,524.00	\$39,324.00	10018/19	35	\$13,763	65	\$25,561	0	\$0	0	\$0	0	\$0.00	0	\$0	0	\$0
	Total Per Claim	\$159,342	\$20,715	\$117,340.33			\$44,267		\$73,074										
Hanover	MHV-21-01	\$13,658	\$1,775.48	\$15,432.98	10022	0	\$0	0	\$0	100	\$15,433		\$0	0	\$0.00	0	\$0	0	\$0
	MHV-21-02	\$22,866	\$2,972.52	\$25,838.02	10022	0	\$0	0	\$0	0	\$0	100	\$25,838	0	\$0	0	\$0	0	\$0
	Mobilization and Demobilization	\$6,503	\$845.42	\$7,348.67	10022		\$0	0	\$0	31	\$2,278	69	\$5,071	0	\$0.00	0	\$0	0	\$0
	Stand-by	\$500	\$65.00	\$565.00	10022		\$0	0	\$0	31	\$175	69	\$390	0	\$0	0	\$0	0	\$0
	Miscellaneous	\$13,046	\$1,695.93	\$14,741.52	10022		\$0	0	\$0	31	\$4,570	69	\$10,172	0	\$0.00	0	\$0	0	\$0
	Total	\$56,572	\$7,354	\$41,270.99							\$15,433		\$25,838						
Springer	MSP-21-01	\$16,724	\$2,174.12	\$18,898.12	10014	0	\$0	0	\$0	0	\$0	0	\$0	39	\$7,370	61	\$11,528	0	\$0
	MSP-21-02	\$41,955	\$5,454.17	\$47,409.30	10014/10015	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	74	\$35,083	26	\$12,326
	MSP-21-03	\$23,952	\$3,113.73	\$27,065.48	10015	0	\$0	0	\$0	0	\$0	0	\$	67	\$18,134	33	\$8,932	0	\$0
	MSP-21-04	\$48,224	\$6,269.09	\$54,492.84	10015	0	\$0	0	\$0	0	\$0	0	\$0	59	\$32,150.77	41	\$22,342	0	\$0
	Stand-by	\$20,500	\$2,665.00	\$23,165.00	10014/10015	0	\$0	0	\$0	0	\$0	0	\$0	40	\$9,266.00	52	\$12,046	8	\$1,853
	Mobilization and Demobilization	\$1,932	\$251.16	\$2,183.16	10014/10015	0	\$0	0	\$0	0	\$0	0	\$0	40	\$873.26	52	\$1,135	8	\$175
	Miscellaneous	\$41,782	\$5,431.66	\$47,213.66	10014/10015	0	\$0	0	\$0	0	\$0	0	\$0	40	\$18,885.46	52	\$24,551	8	\$3,777
	Total			\$147,865.73										\$57,655		\$77,884		\$12,326	

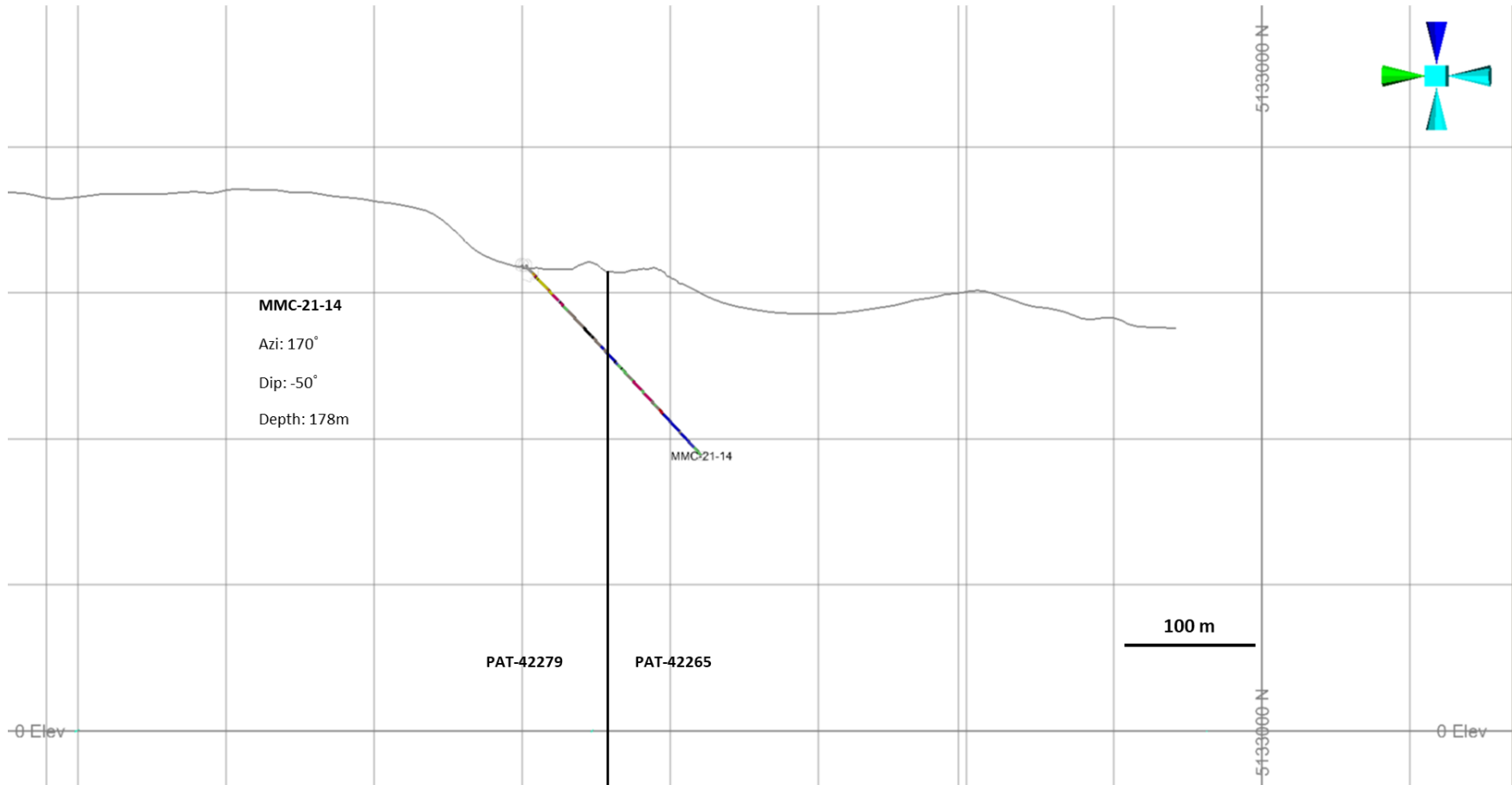
Assay Costs

						Cost Distribution Per Claim													
						PAT-42266		PAT-42265		PAT-42279		PAT-42264		PAT-42276		191654		315571	
Project	Item	Subtotal	HST	Total Cost	Invoice #	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
Shakespeare	MMC-21-14	\$8,264	\$1,074.32	\$9,338.29	605431-433	0	\$0	0	\$0	0	\$0	0	\$0	100	\$9,338.29		\$0	0	\$0
	MMC-21-15	\$6,620	\$860.65	\$7,481.02	605432-433, 605668	0	\$0	0	\$0	0	\$0	48	\$3,590.89	52	\$3,890.13		\$0	0	\$0
	MMC-21-16	\$6,031	\$784.08	\$6,815.43	608269	0	\$0	100	\$6,815	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-17	\$2,882	\$374.65	\$3,256.61	6086269-270	0	\$0	100	\$3,257	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-18	\$19,441	\$2,527.39	\$21,968.88	608547-548, 610741, 611390, 611097, 612742	0	\$0	0	\$0	100	\$21,969	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-19	\$3,686	\$479.12	\$4,164.70	611097, 611216	0	\$0	100	\$4,165	0	\$0	0	\$	0	\$0		\$0	0	\$0
	MMC-21-20	\$3,221	\$418.77	\$3,640.06	611216, 611391	0	\$0	0	\$0	0	\$0	0	\$0	100	\$3,640.06		\$0	0	\$0
	MMC-21-21	\$14,914	\$1,938.83	\$16,852.93	613041, 613718, 613725, 613903-904, 614190, 614286, 614534	0	\$0	100	\$16,853	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-22	\$10,202	\$1,326.32	\$11,528.75	512743, 613039, 613905, 614286	100	\$11,528.75	0	\$0	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-23	\$508	\$66.05	\$574.12	613039	0	\$0	100	\$574.12	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-24	\$7,087	\$921.29	\$8,008.18	613039, 613156, 611216	0	\$0	100	\$8,008.18	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-25	\$8,966	\$1,165.64	\$10,132.14	613156, 615912, 616018-019	0	\$0	100	\$10,132.14	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-26	\$4,082	\$530.60	\$4,612.12	615302-303	59	\$2,721.15	41	\$1,890.97	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-27	\$5,107	\$663.93	\$5,771.05	615302, 613305, 616536	0	\$0	100	\$5,771.05	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-28	\$2,645	\$343.91	\$2,989.40	619909, 621754	0	\$0	100	\$2,989.40	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-29	\$10,046	\$1,306.02	\$11,352.33	619909-910, 622048, 620571	0	\$0	100	\$11,352.33	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-30	\$1,625	\$211.30	\$1,836.66	619911	22	\$404.06	78	\$1,432.59	0	\$0	0	\$0	0	\$0		\$0	0	\$0
	MMC-21-31	\$3,720	\$483.57	\$4,203.33	619913, 619915	0	\$0	100	\$4,203.33	0	\$0	0	\$0	0	\$0		\$0	0	\$0
MMC-21-34	\$1359	\$176.71	\$1536.03	621752	0	\$0	0	\$0	100	\$1536.03	0	\$0	0	\$0		\$0	0	\$0	
				\$131,858.70			\$14,653.97		\$73,240.44		\$23,504.91		\$3,590.89		\$16,868.48				
P4	MP4-21-01	\$7,594	\$987.25	\$8,581.51	21142, 24449, 21185	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	22	\$1,888	78	\$6,694
	MP4-21-02	\$9,320	\$1,211.66	\$10,532.10	21171, 21183, 21185, 21188, 21195	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	52	\$5,477	48	\$5,055
			\$0	\$19,113.61													\$7,365		\$11,749

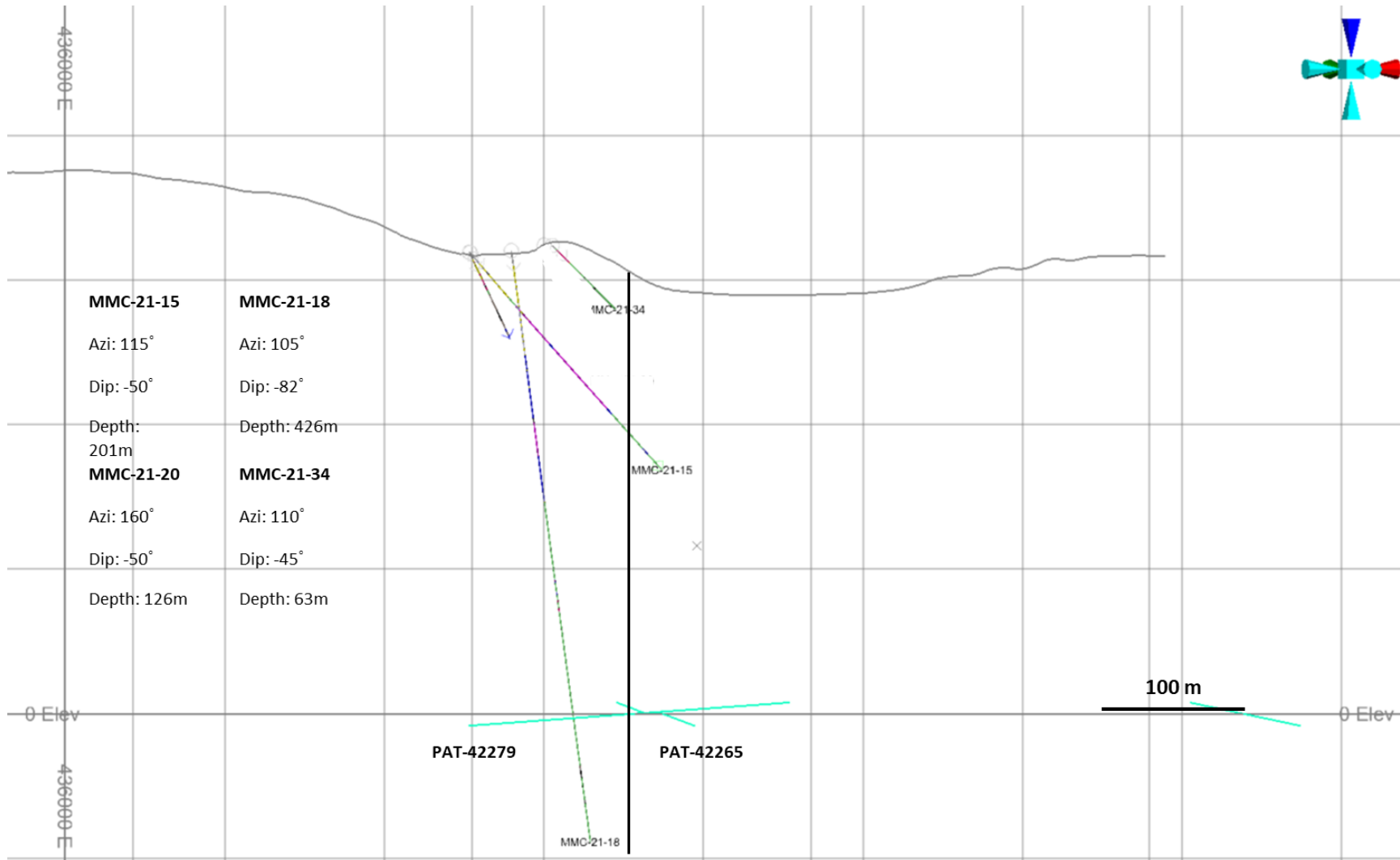
Appendix D: Drilling Cross Sections

Legend			
	Overburden		Quartz Gabbro
	Fault		Quartz Diorite
	Shear		Anorthosite
	Quartz-carbonate Veins		Leucogabbro
	Pseudotachylite		Quartzite
	Diabase		Siltstone
	Melagabbro		Amphibole Gabbro

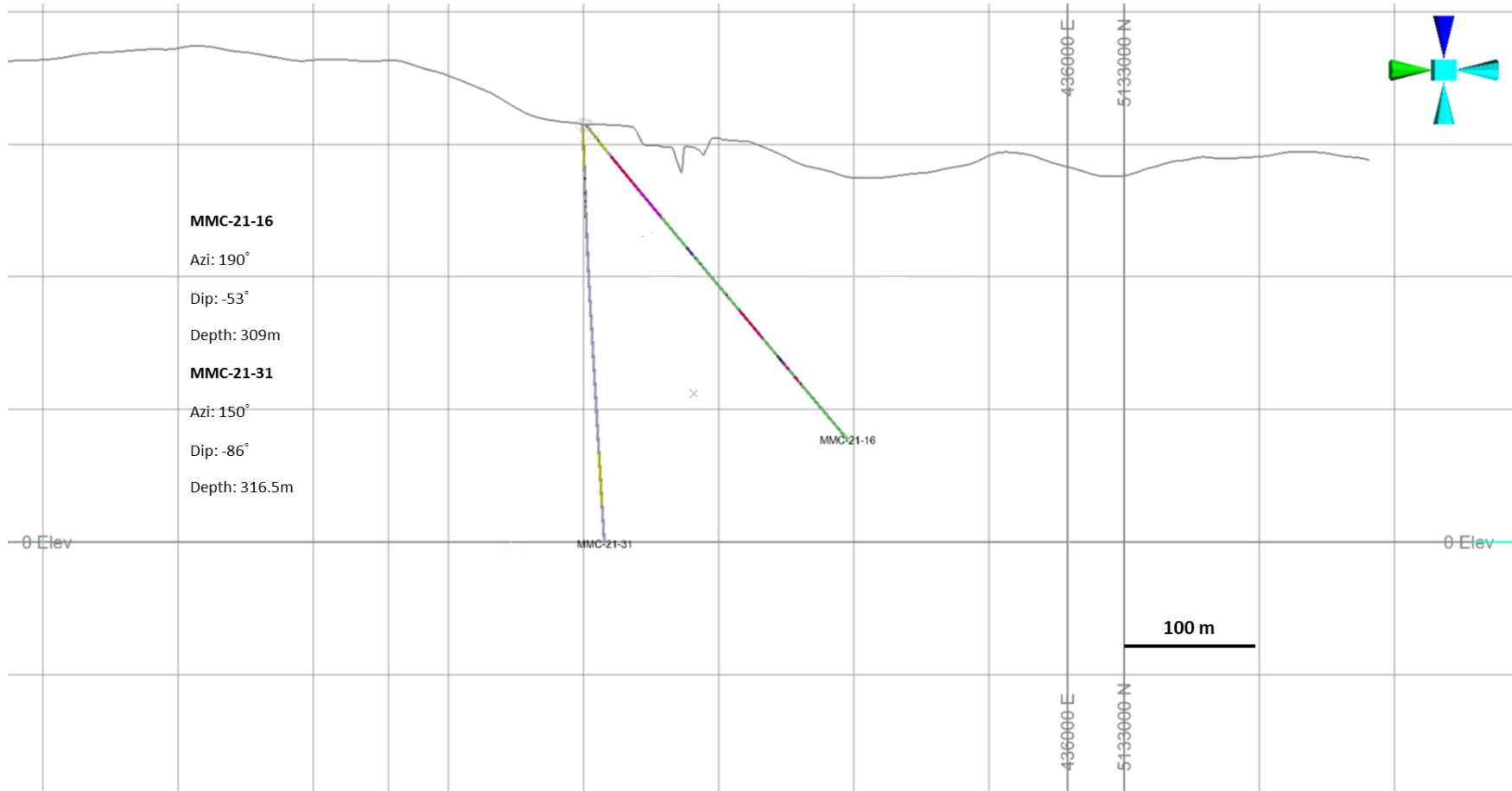
MMC-21-14



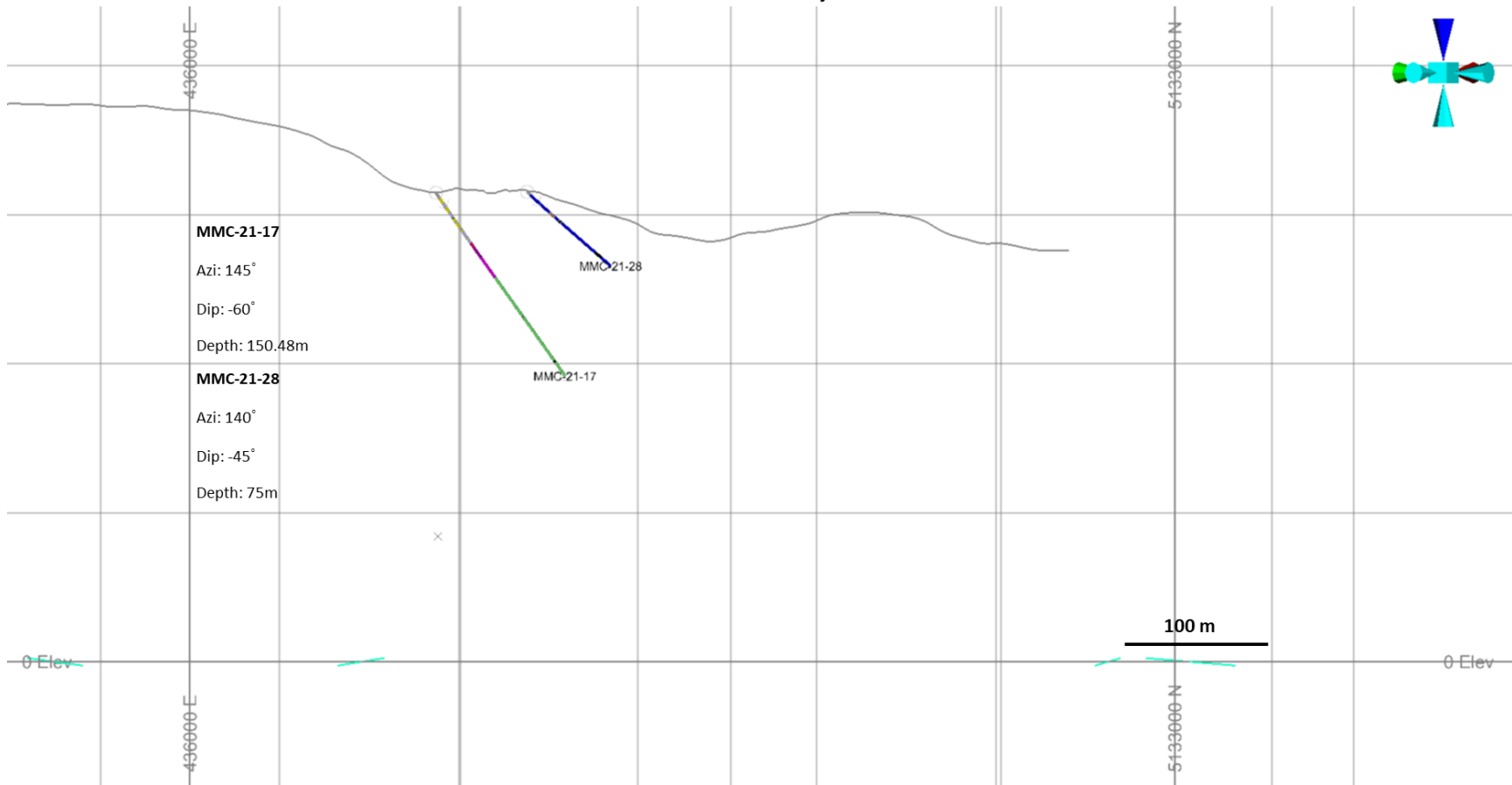
MMC-21-15, 18, 34



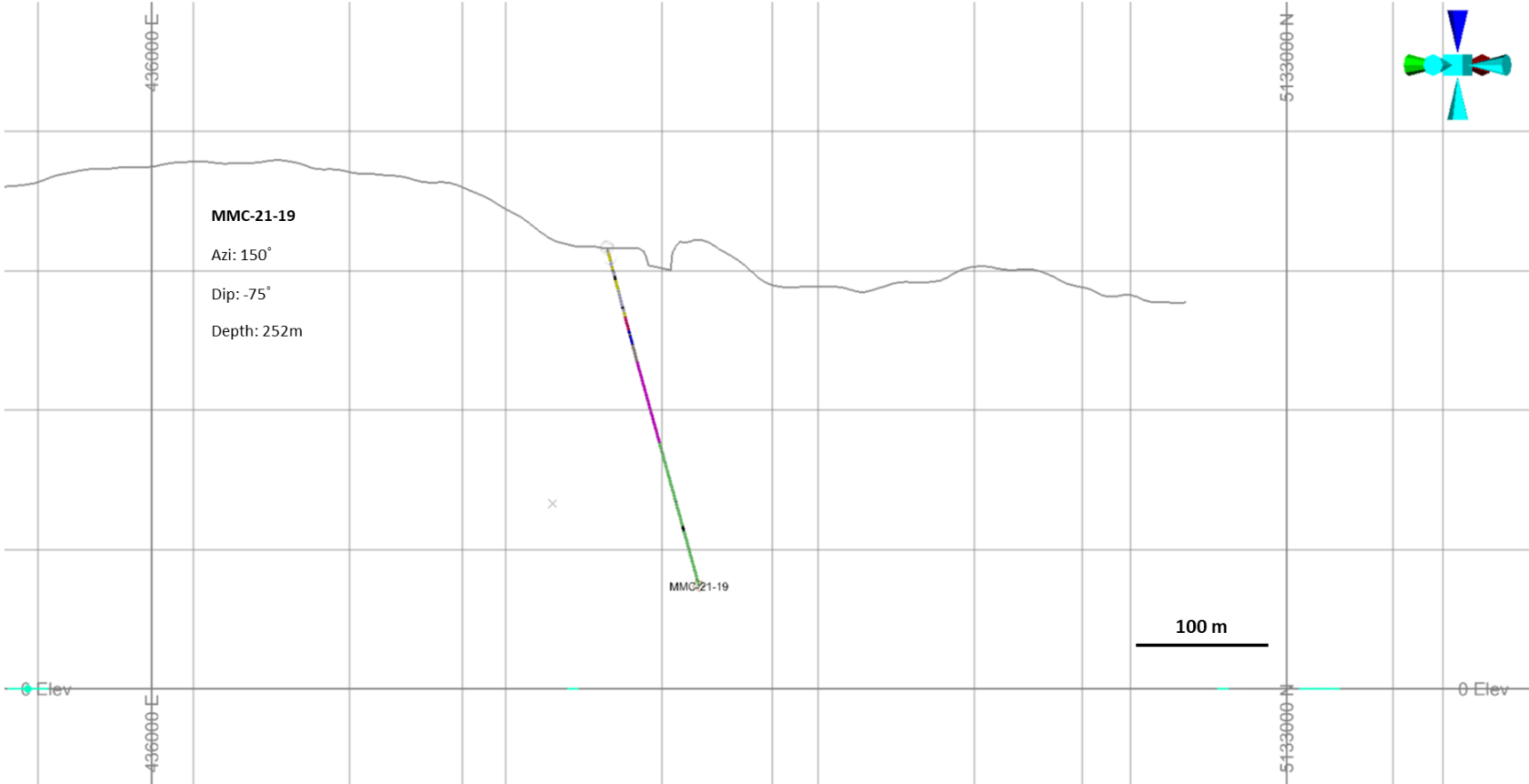
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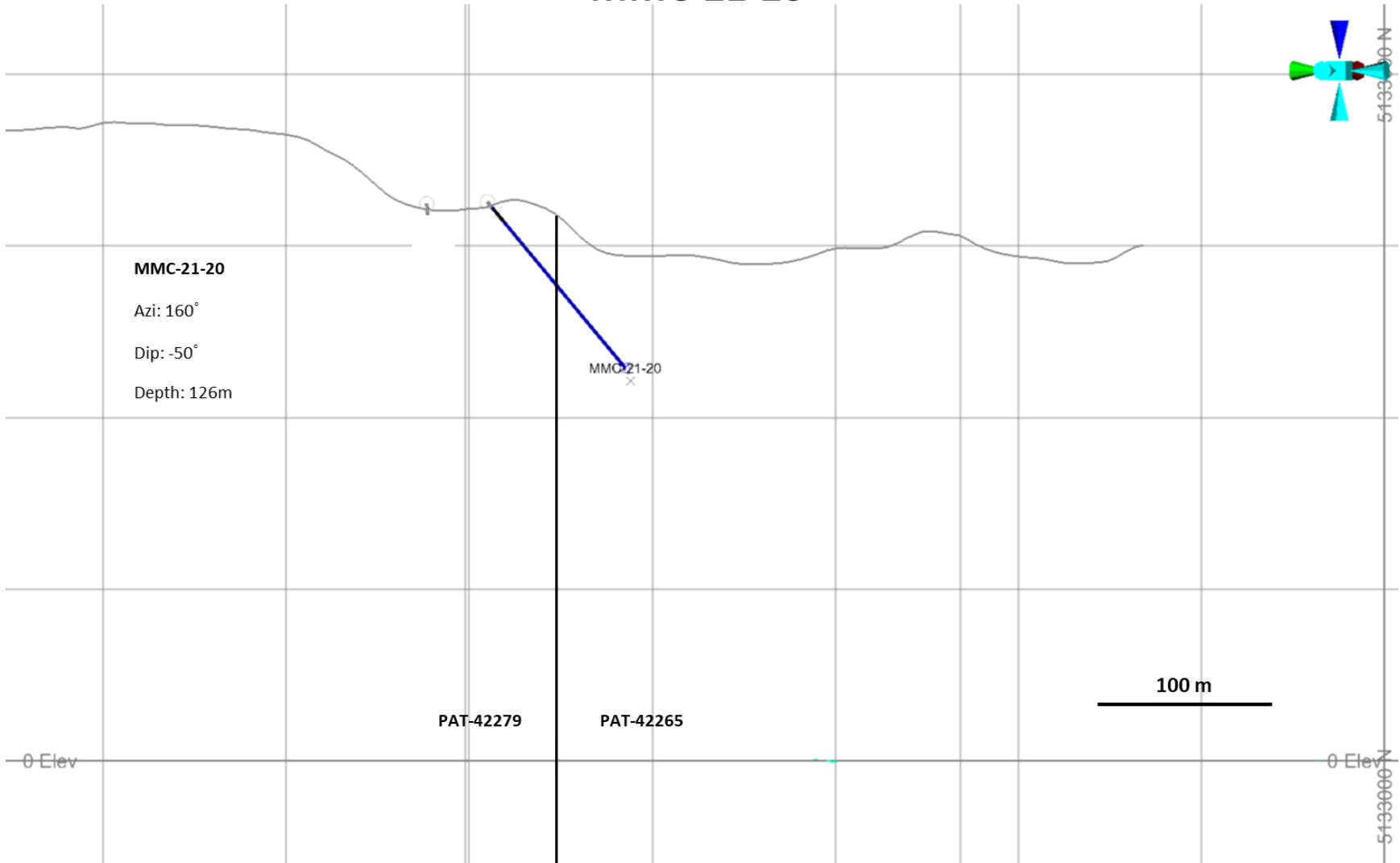
MMC-21-17,28



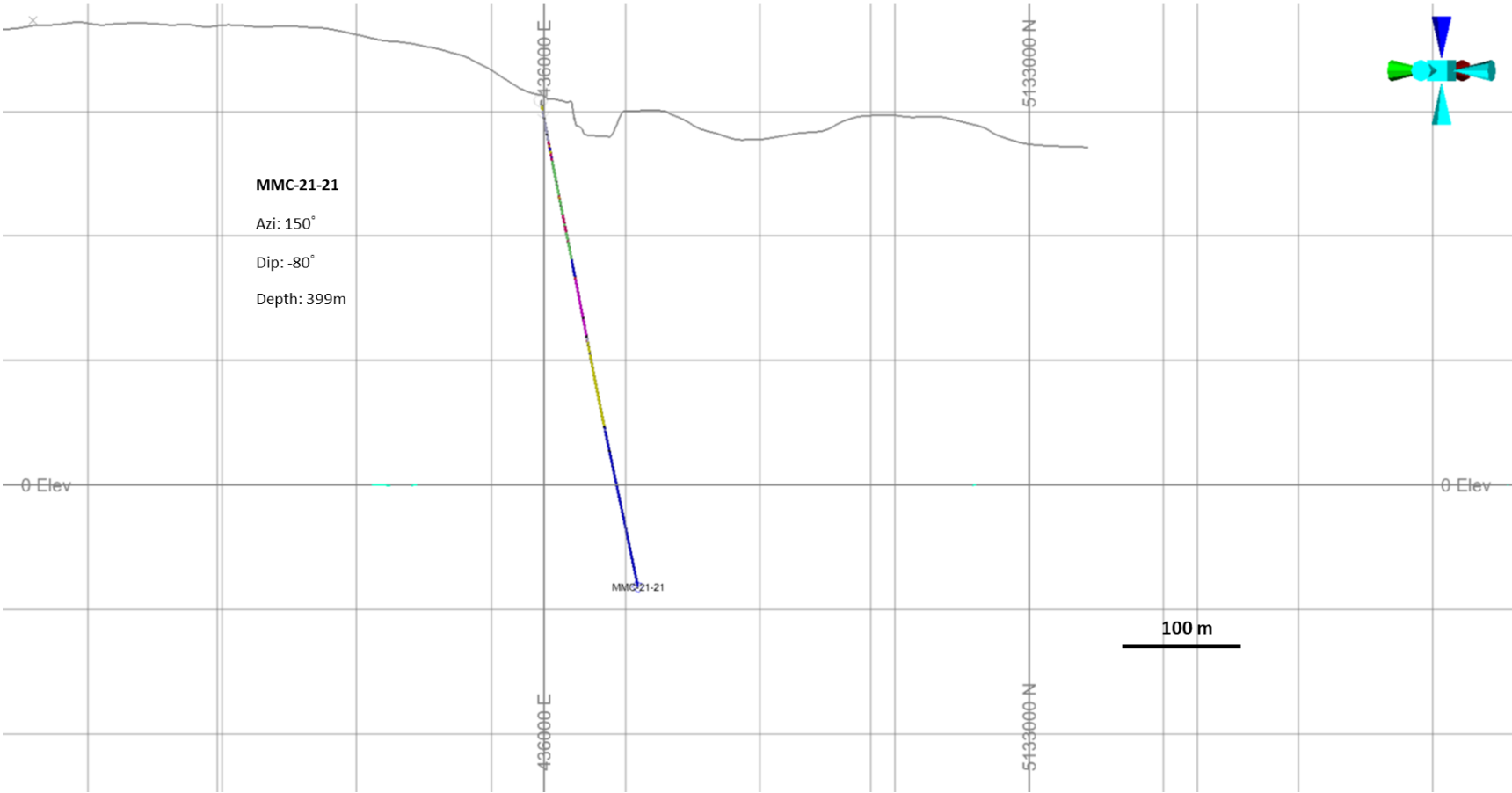
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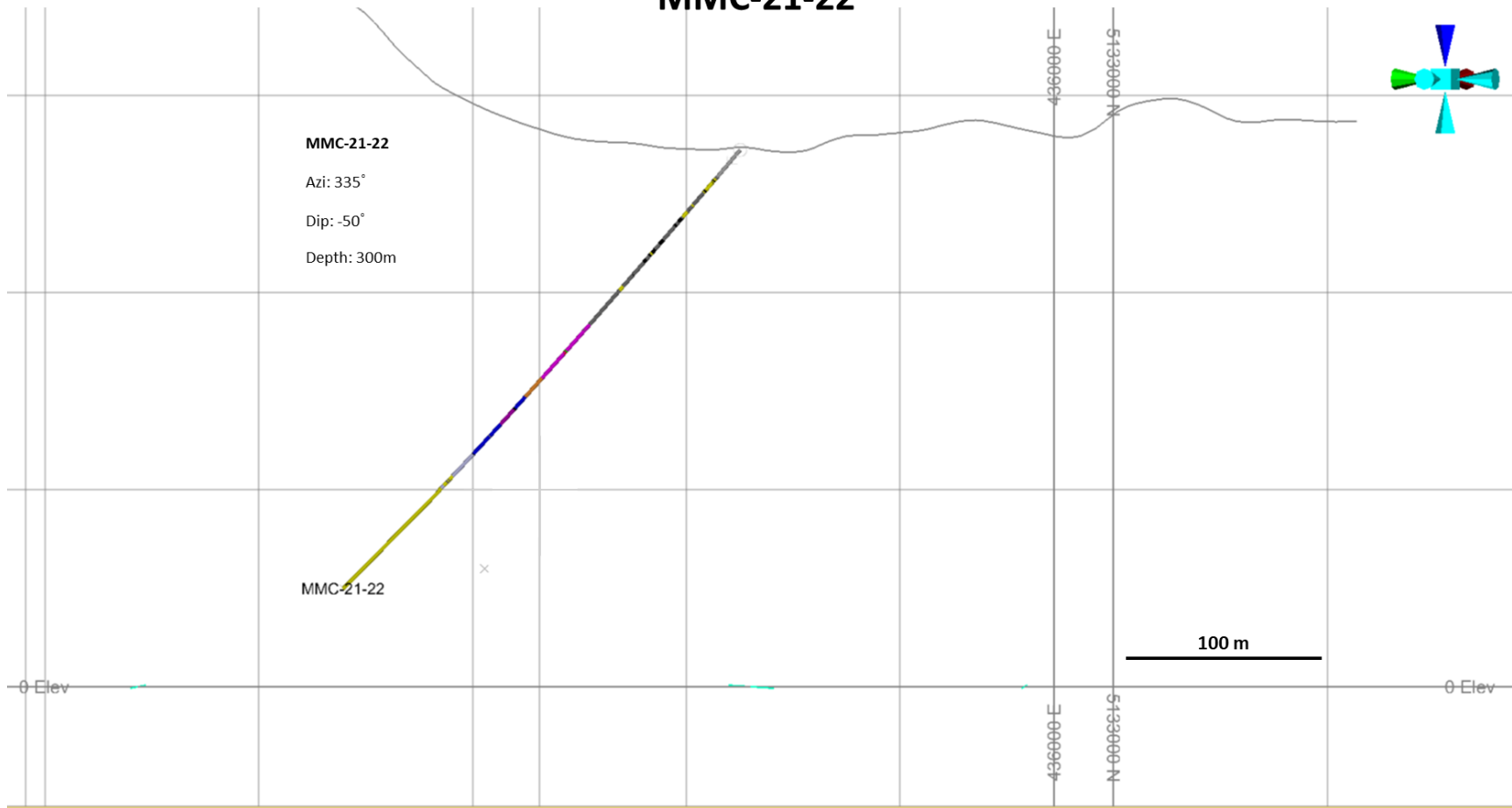
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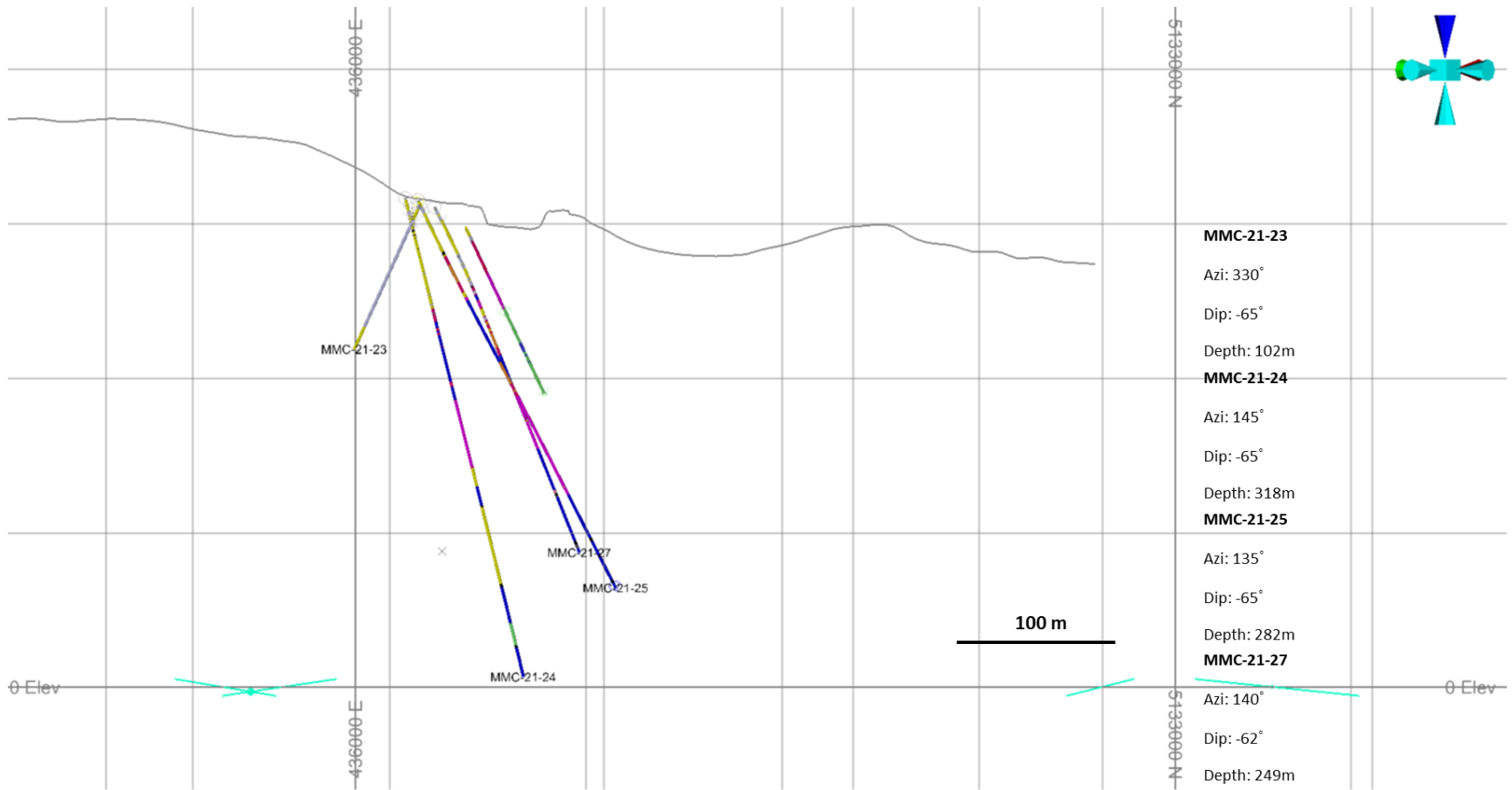
MMC-21-21



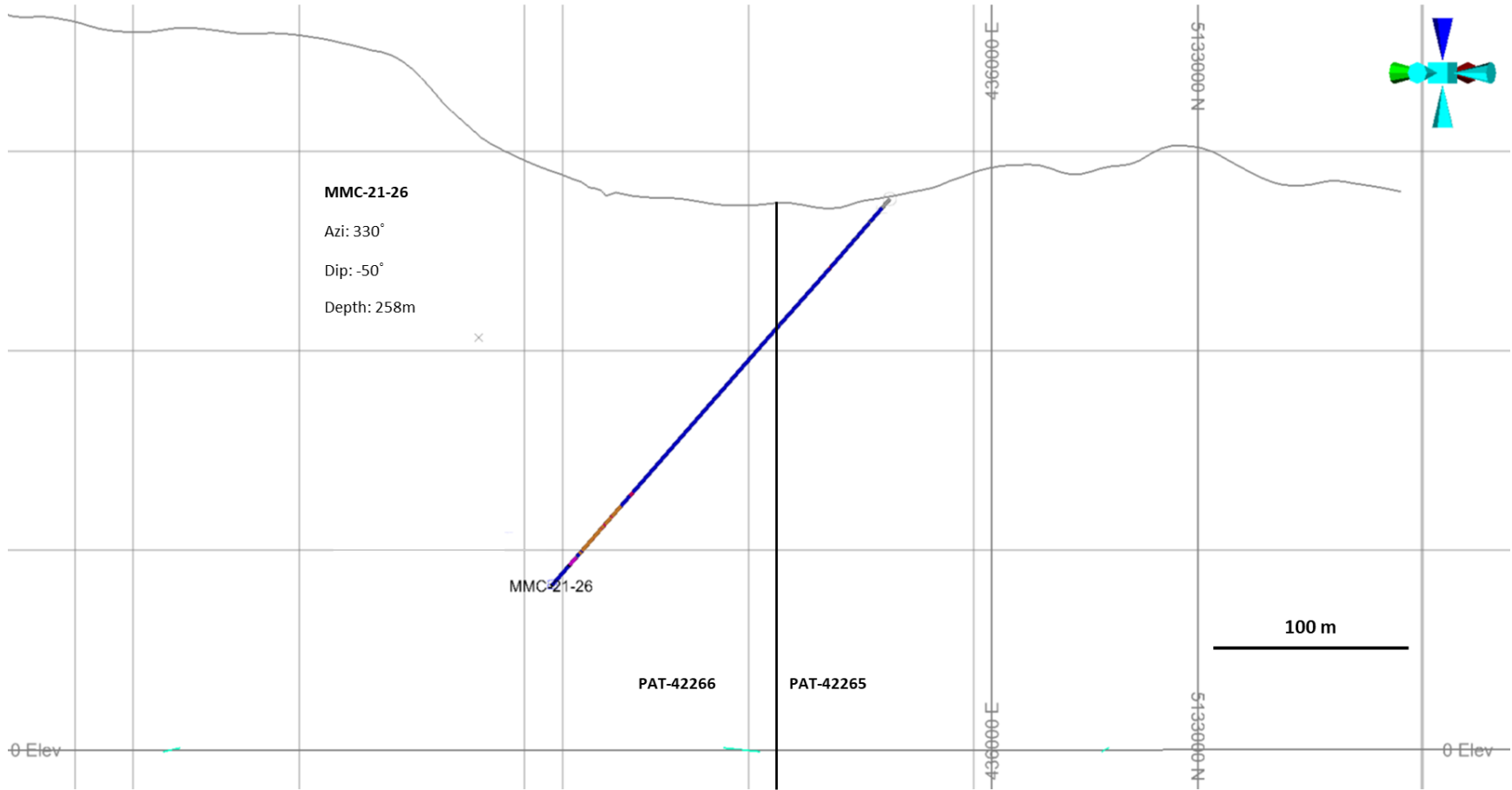
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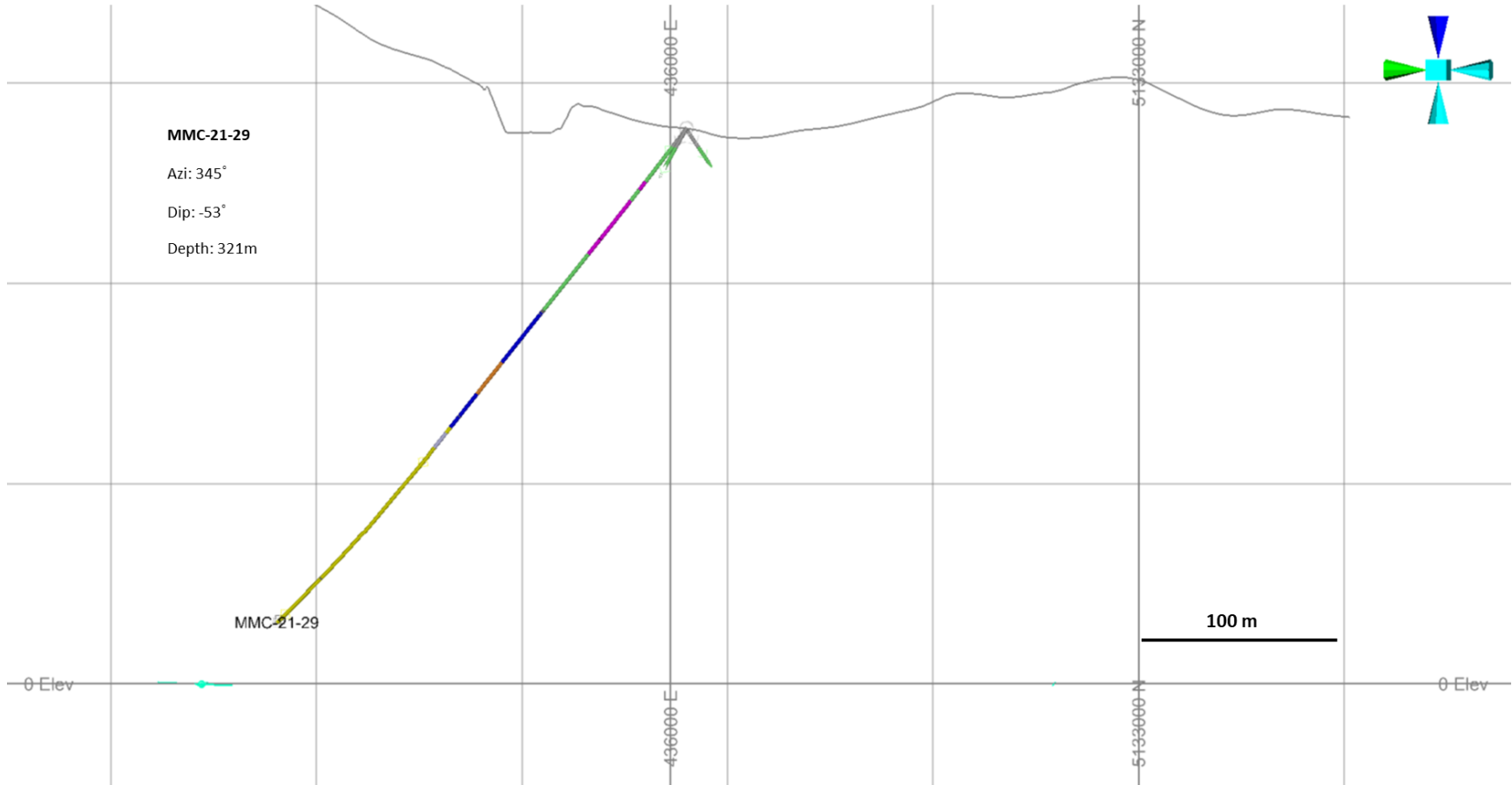
MMC-21-23-25,27



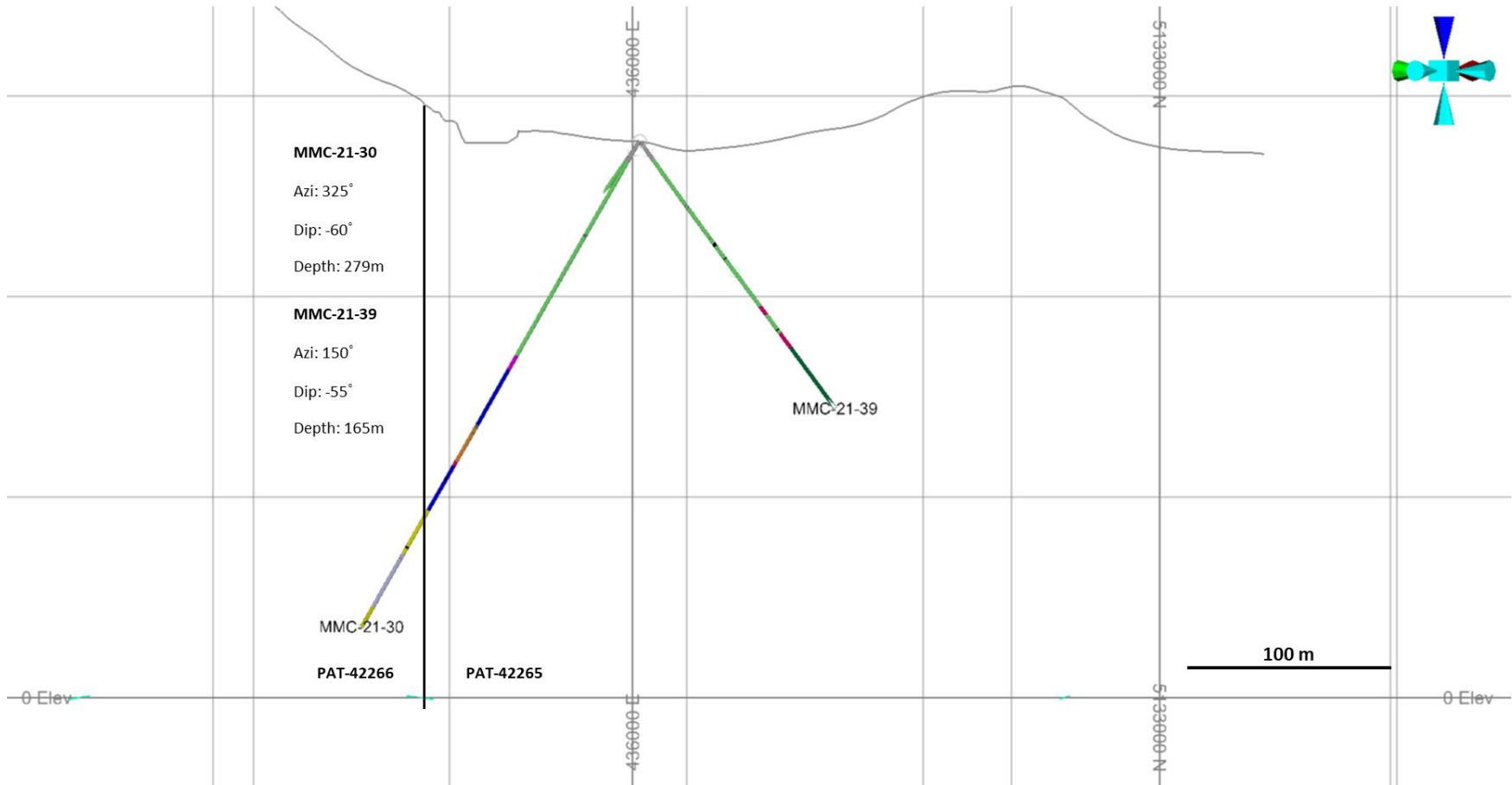
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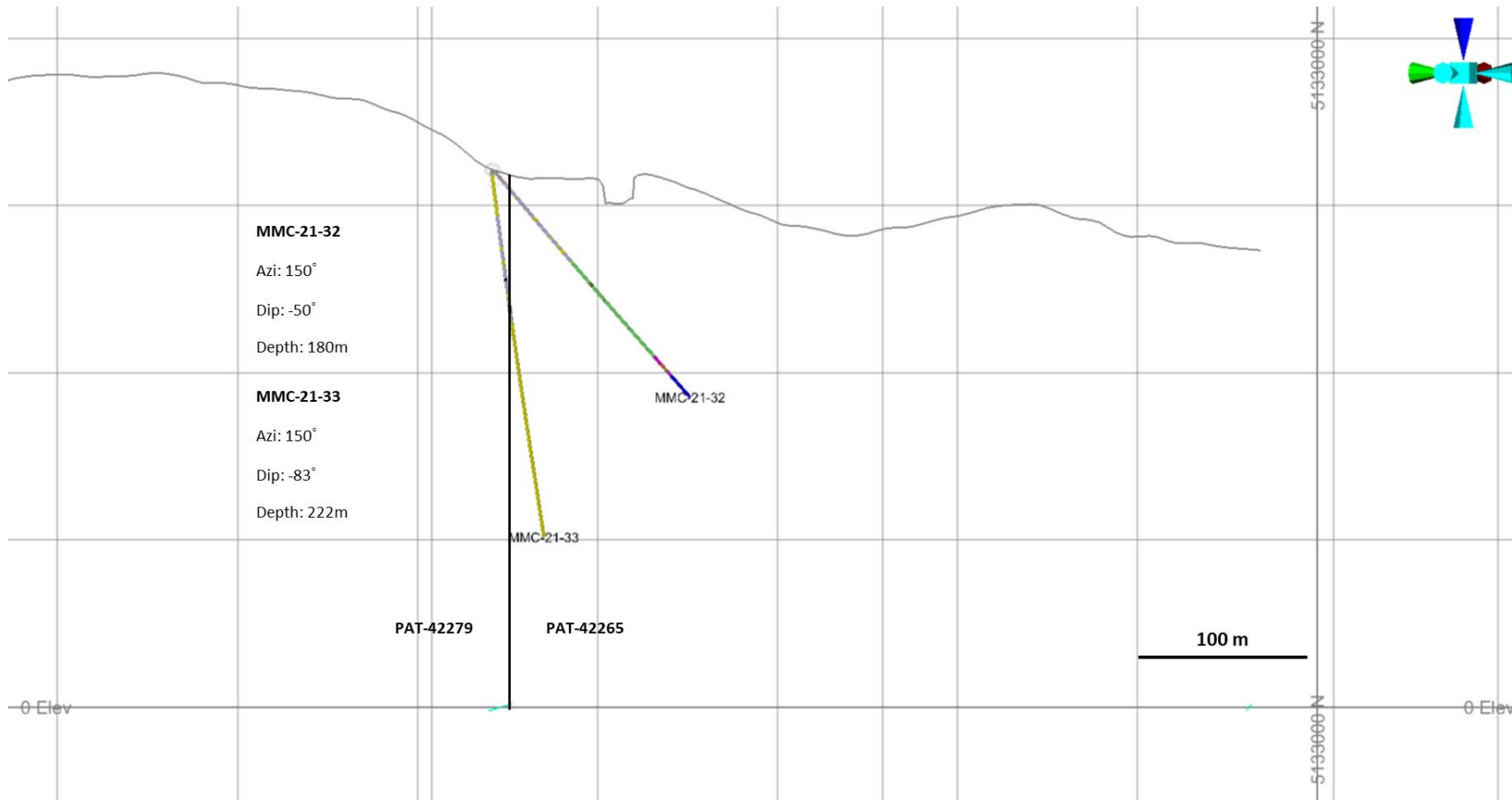
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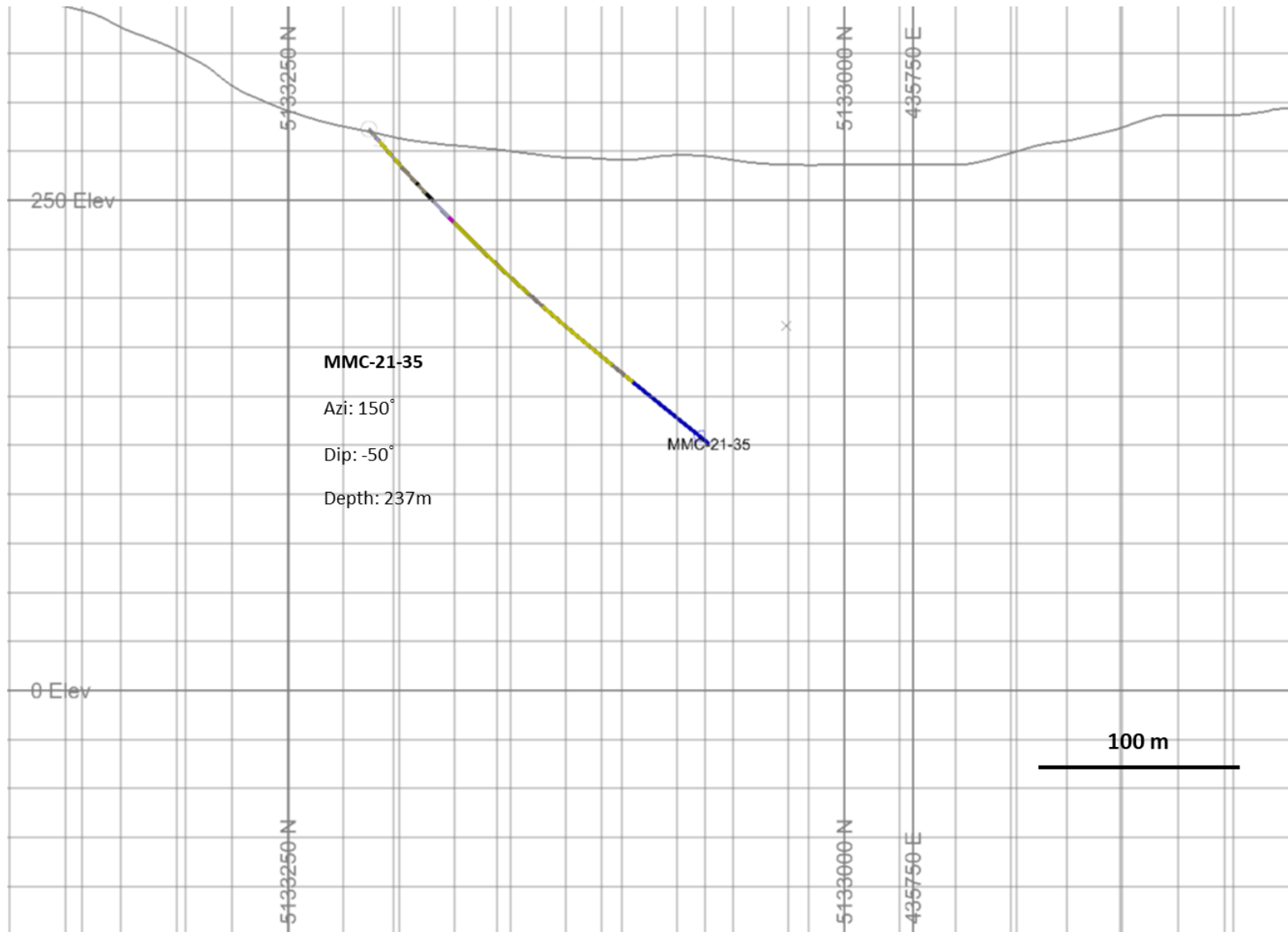
MMC-21-30/39



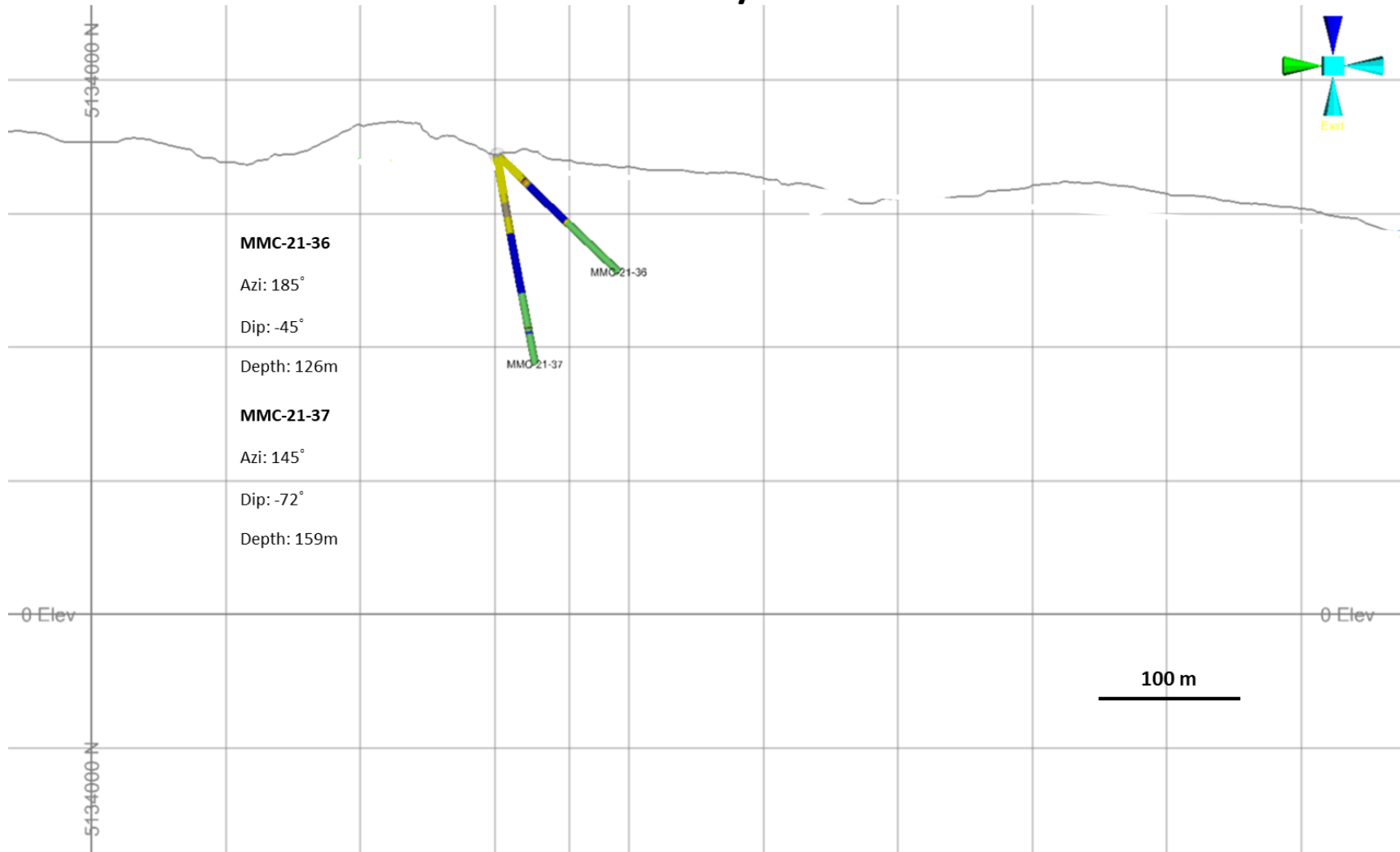
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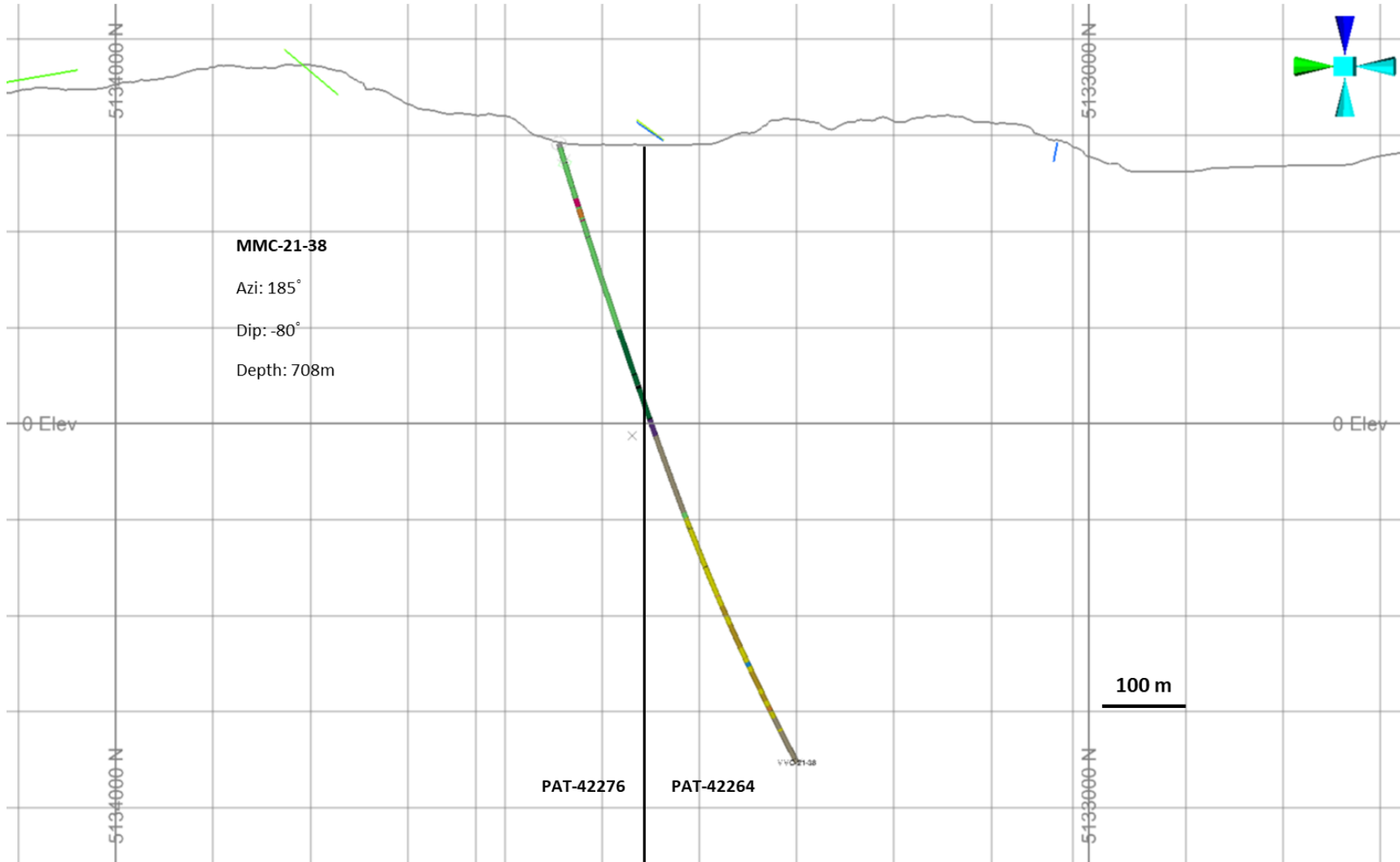
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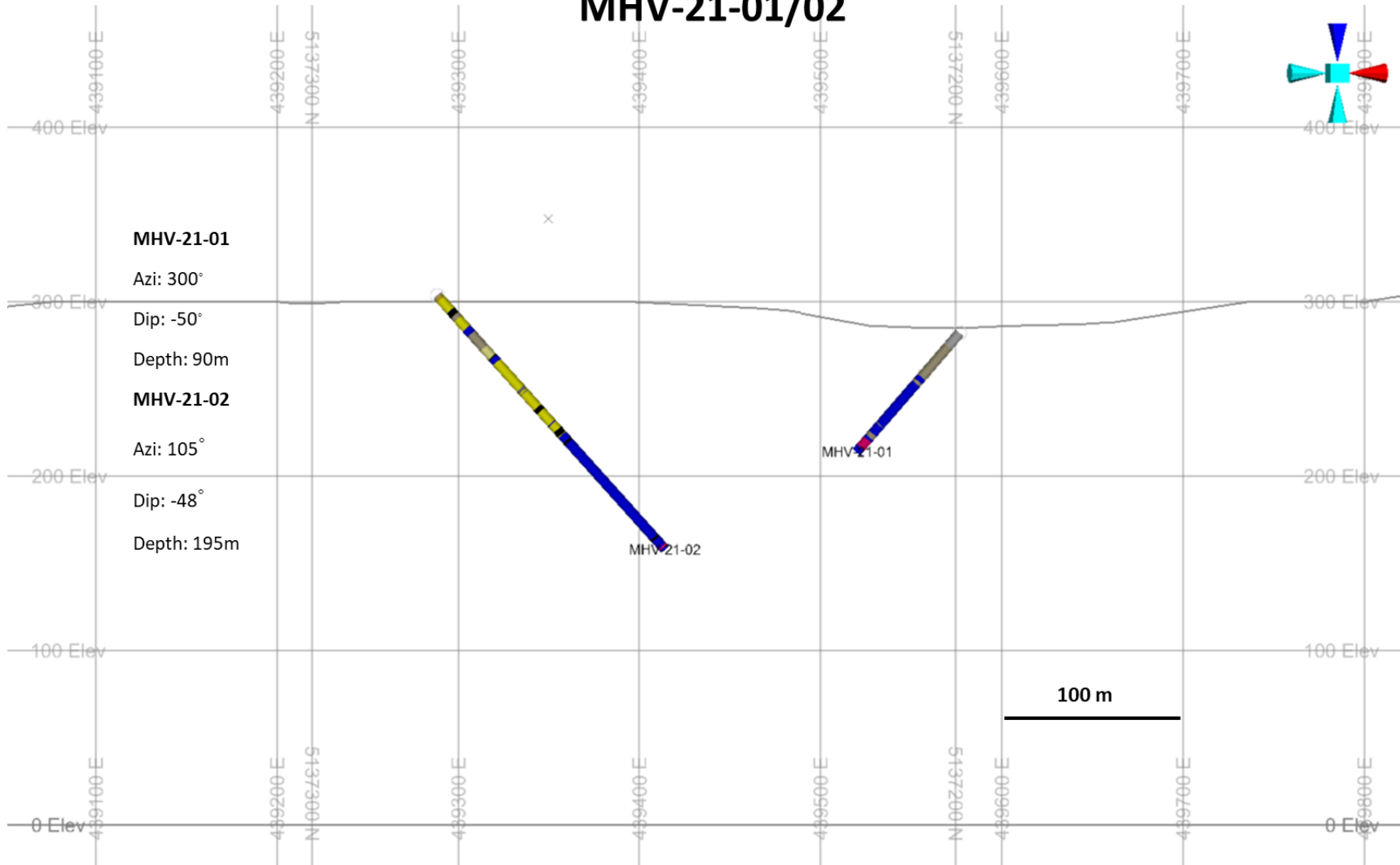
MMC-21-36/37



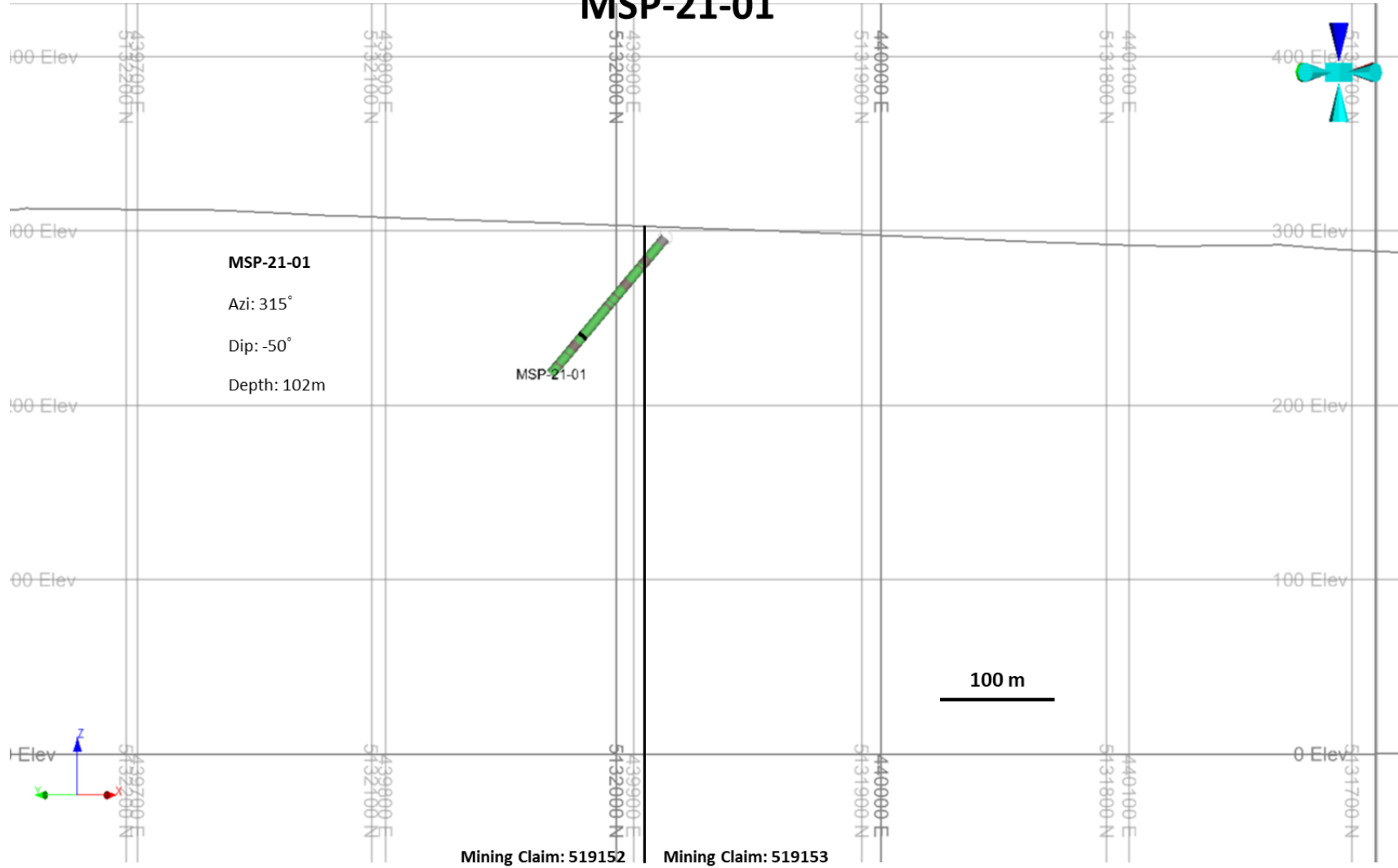
MMC-21-38



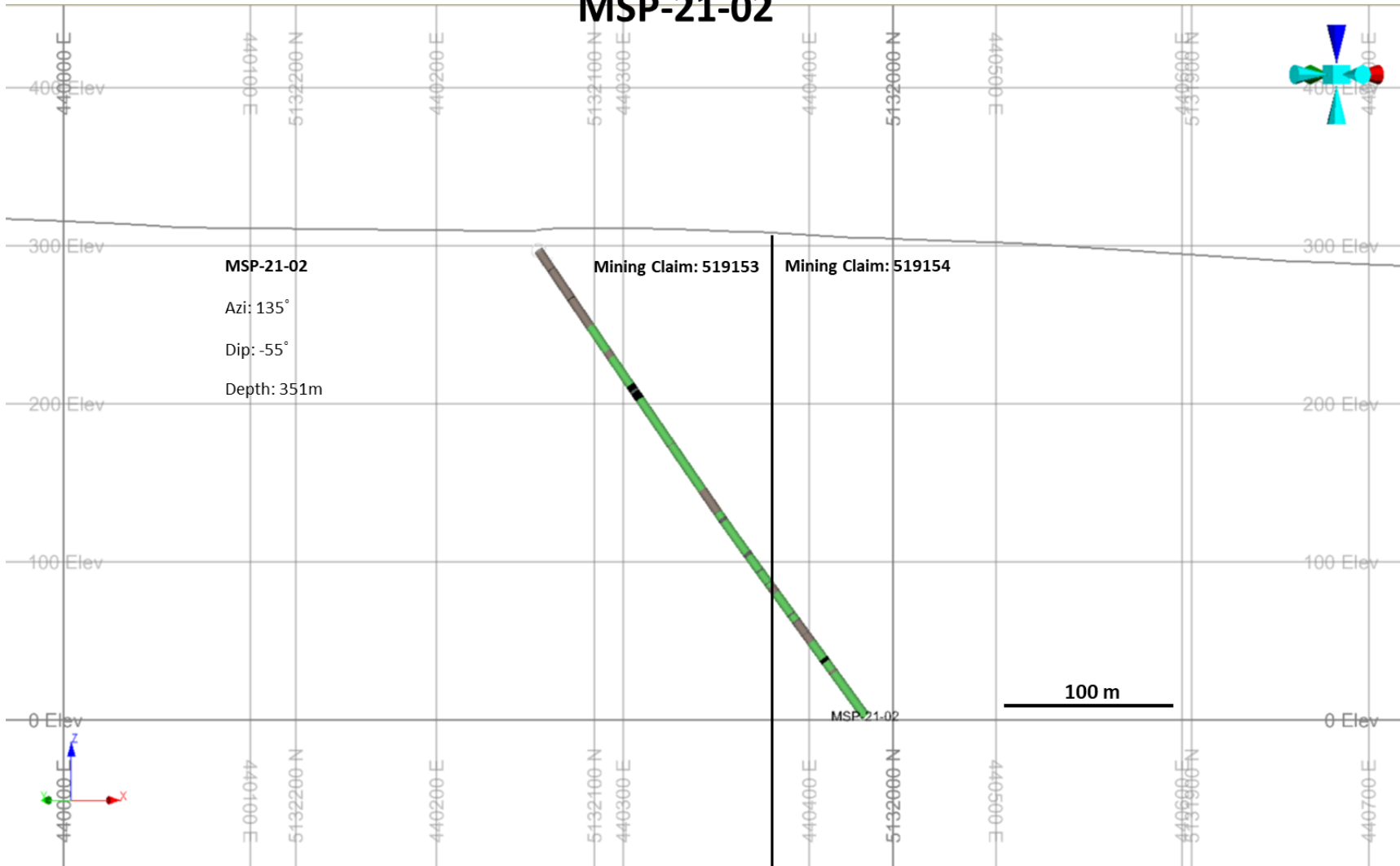
MHV-21-01/02



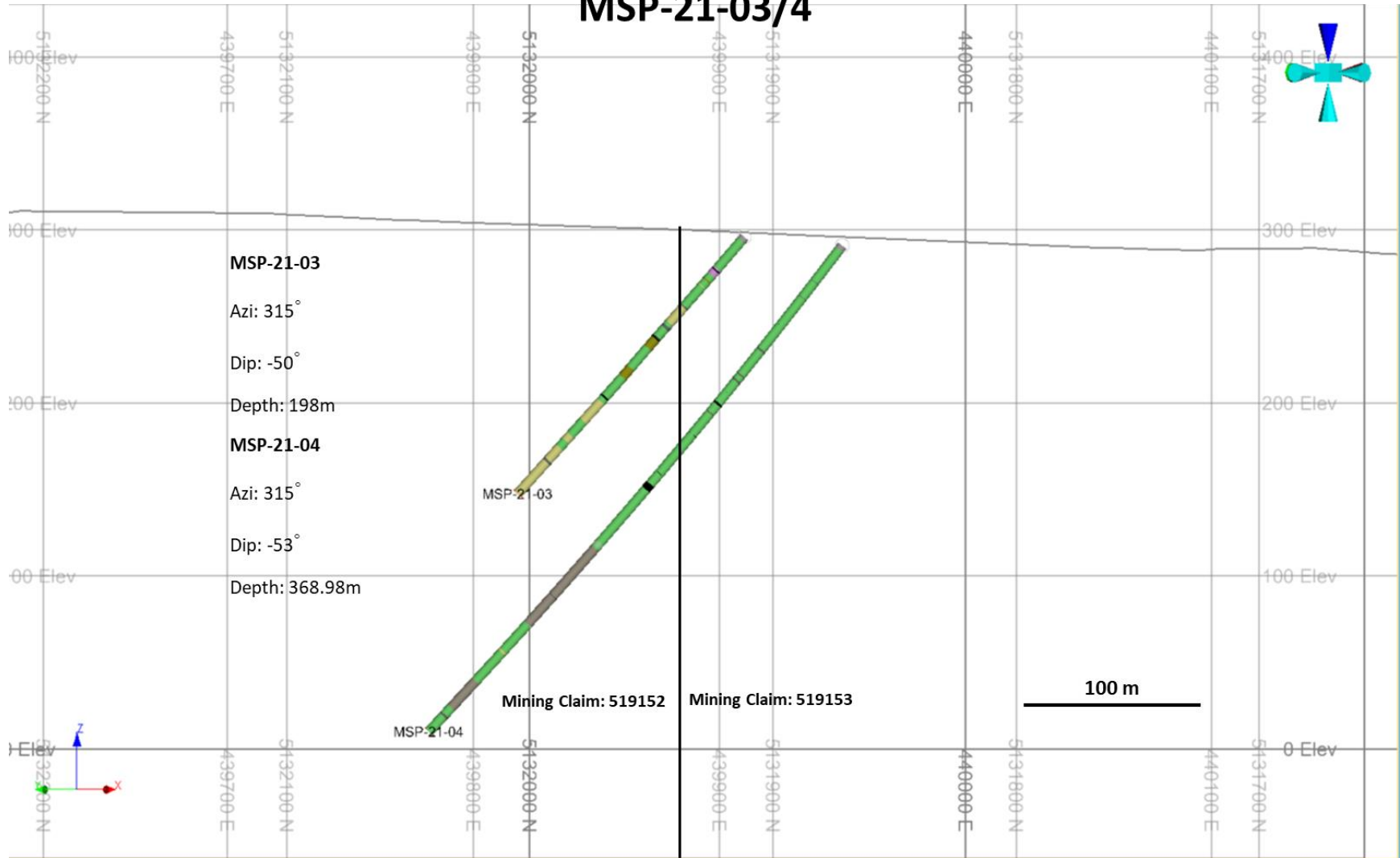
MSP-21-01



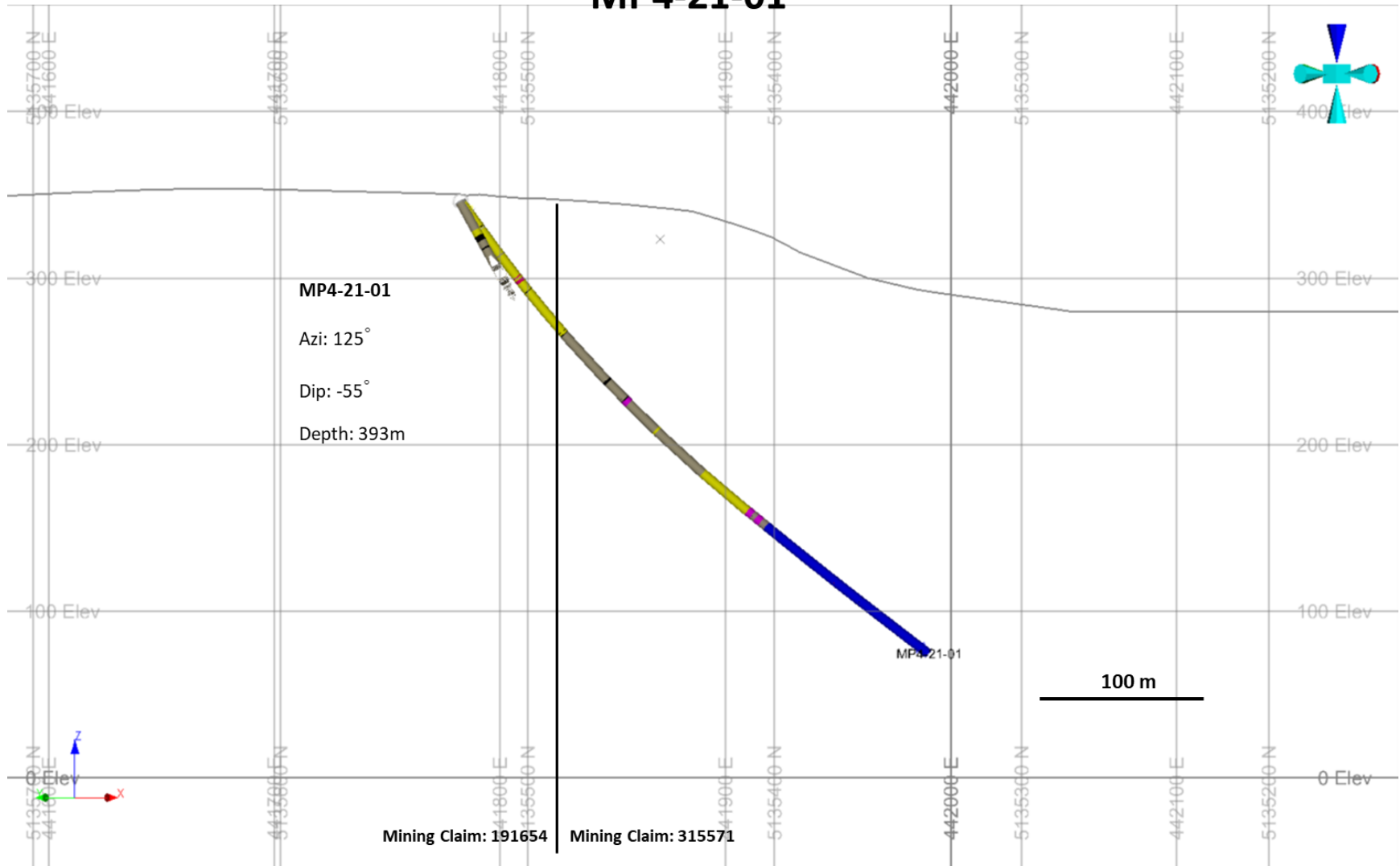
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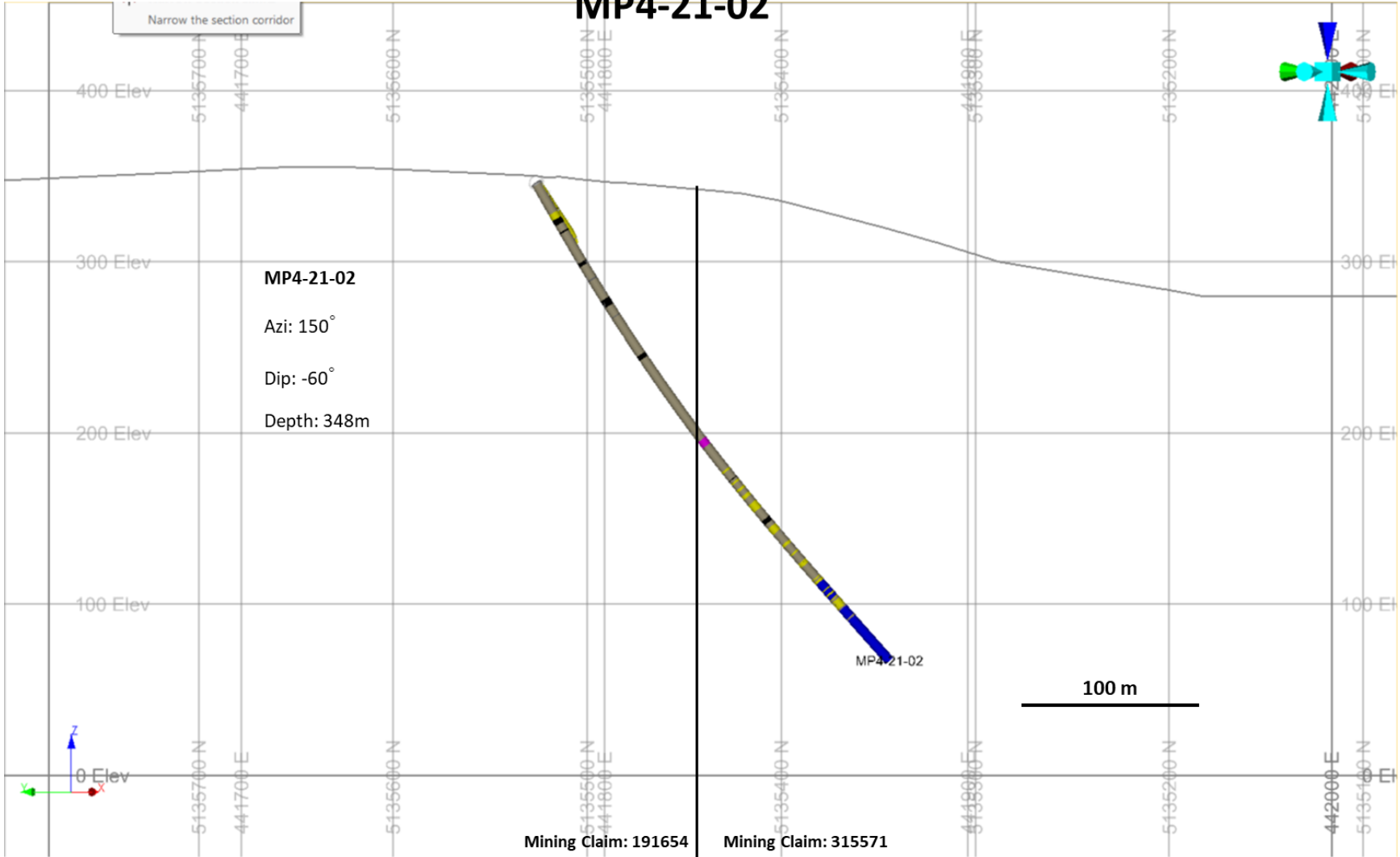
MSP-21-03/4



MP4-21-01



MP4-21-02



Appendix E: Drill logs

As per attachment

Appendix F: Assay Certificates

As per attachment

Project: Project		Hole Number: MMC-21-14					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Apr-28-2021	Drilling Started: Apr-27-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: May-01-2021	Drilling Completed: Apr-30-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 175	Logged By: G. Hamilton and Marshall Hall	Drilling Contractor: Gyllis	Easting:	436255		
Casing: Mt	Actual Depth: 178			Northing:	5133489		
Elevation: 320							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	7.5	OB - Overburden 7.5m of casing, runs through waste rock on the pad										
7.5	7.73	PSEU - Pseudotachylite medium grained, grey to blue, composed of largely of amphibole (50%), plag (30%), biotite (15%) and quartz (remainder). the unit is relatively equigranular with 0.1-0.2mm grains and a weak foliation at 60dtca. Rock is non magnetic with no visible sulphides										
Structure 7.72-7.73; lower contact sharp at 60dtca												
7.73	8.38	1A - Quartzite massive, foliated, quartz rich metasediment with bedding at 60dtca. colouring is a mix of beige to purple with variations along bedding planes. no obvious sediments associated with it. Lower contact at 60dtca										
Structure 8.37-8.38; lower contact at 60dtca												
8.38	8.63	PSEU - Pseudotachylite Same as above, part of an intercalation with mtsd. Lower contact 30 DTCA.										
Structure 8.62-8.63; lower contact sharp @ 30 DTCA												
8.63	8.7	SHR - Shearzone dominated by talc/chlorite. angle to ca is approximately 40.										
Structure 8.63-8.7: Shear; see major litho												
8.7	9.73	1A - Quartzite Similar to above unit. Differs in that the quartz rich portions become very white and resemble more of a quartz vein than metasediments. there is also a fragmented portion fro 9.15-9.42m wherethe vein like quartz occurs. in this zone the matrix beccomes very brown and mottled with quartz fragments										

Project: Project	Hole Number: MMC-21-14
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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9.73 10.94 PSEU - Pseudotachylite
 similar to above. Unit is still foliated around 35dtca and intercalated with small metasediment blocks (<30cm). minor slips do occur along the foliation but are weak and appear more as fracture planes than slips.

10.94 11.33 SHR - Shearzone
 moderately to well developed fabric oriented at ~35dtca and shows an intercalation of seds and qd.

Structure
 10.94-11.33: Shear; see major litho

11.33 11.63 PSEU - Pseudotachylite
 Same as above

11.63 12.9 1A - Quartzite
 Similar to above units. planar bedded, white qte with fabric at 40dtca. in many instances it looks at though it is a strong silica replacement with multiple occurrences sub-mm plag phenocrysts "floating" within massive quartz/silica. at the upper contact there is trace cp.

Mineralization
 11.63-11.65: trace chalcopryrite along the upper contact.

Alteration
 11.63-12.9: siliceous overprint of the rocks giving it the appearance of something similar to a porphyry, such that there a sub-mm grains of plag floating within the silica matrix.

12.9 13.32 SHR - Shearzone
 unit could be logged as a gabbro/qd. moderate to strongly well developed foliation overprints the unit with foliation of 30dtca. in spots there is stretching of cross-cutting or intercalated quartz. these quartz units appear to be boudinaged to an extent and there appears to be some rotation along them.

Structure
 12.9-13.32: Shear; see major litho

13.32 22.22 1A - Quartzite
 Similar to described above. Mica development (likely biotite) occurs strongly in localized beds. Bedding ranges from 40-50 DTCA. Small intrusions of quartz diorite occur locally up to 20cm wide @ 50 DTCA. Lower contact is sharp ~35 DTCA.

Structure
 22.21-22.22; see major litho

Project: Project	Hole Number: MMC-21-14
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
------	----	-----------	--------	------	----	--------	--------	--------	--------	----------	----------	----------

22.22 22.52 PSEU - Pseudotachylite
 Medium-dark grey, fine-medium grained, non magnetic quartz diorite. Contains 50-60% amphibole, 20% plagioclase, 15% biotite, and 5-10% blue quartz crystals. Foliation is weak-moderately developed ~50 DTCA; fabric is stronger along upper and lower contacts. Contains <0.01% fragmented quartz veins stretched parallel to foliation. No visible sulphides. Lower contact is sharp ~50 DTCA.

Structure

22.39-22.4: Foliation; foliation
 22.51-22.52; see major litho

22.52 23.23 1A - Quartzite
 Similar to previously described quartzite. Lower contact is sharp ~35 DTCA.

Structure

23.22-23.23; see major litho

23.23 24 PSEU - Pseudotachylite
 Same as described from 22.22-22.52m. Lower contact is sharp ~60 DTCA.

Structure

23.28-23.29: Foliation; foliation
 23.99-24.0; see major litho

24 27.68 1A - Quartzite
 Similar to previously described quartzite. Lower contact is sharp ~35 DTCA.

Structure

27.67-27.68; see major litho

27.68 33.27 PSEU - Pseudotachylite	S00430001	31.51	31.87	0.36	0.00025	0.0011	0.0112	0.0025	0.0025	0.005
	S00430002	31.87	32.17	0.3	0.00118	0.0005	0.0306	0.0025	0.0025	0.005

Dark grey with light pink-white fragments. Matrix is composed of biotite quartz diorite as described above with fragments (5-50cm) of strongly potassic altered metasedimentary rock (?) or possibly an anorthositic phase (~50%). Fragments display crystalline texture (recrystallized?). Quartz diorite is seen intruding along cm-scale fractures within fragments. Pink fragments are locally cut by 0.1-0.5cm quartz-carbonate veinlets ~80-90 DTCA. <0.01% chalcopryrite occurs as isolated blebs along fractures. Lower contact is sharp and undulatory ~30 DTCA.

Mineralization

27.68-34.38: <0.01% chalcopryrite occurs as isolated blebs along fractures.

Alteration

27.68-33.27: pink colouration of siliceous fragments within breccia - interpreted as potassic alteration of metasedimentary clast or possibly anorthositic phase.

Structure

27.79-27.8: Foliation; foliation
 33.26-33.27; see major litho

Project: Project			Hole Number: MMC-21-14									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
33.27	34.38	4D - Biotite quartz diorite										
<p>Similar to previously described quartz diorite. Unit is more medium grained and contains more blue quartz ~10-15%. Contains ~0.01% chalcopyrite occurring as isolated blebs. Unit hosts ~10% 5-10cm inclusions of quartzite and the pink, potassic altered fragments. Lower contact is sharp ~30 DTCA.</p> <p>Mineralization</p> <p>27.68-34.38: <0.01% chalcopyrite occurs as isolated blebs along fractures.</p> <p>Structure</p> <p>34.37-34.38; see major litho</p>												
34.38	35.3	FLT - Fault										
<p>Damage zone; possibly a fault. Jagged, hematized fracture occurs parallel TCA from 34.38-34.65m. Rubby core is present throughout and unit has been terminated based on the transition back into competent core. <0.01% chalcopyrite occurs as isolated blebs throughout. Unit contains 5-10 cm fragments of the pink, potassically altered metasediments described above.</p> <p>Structure</p> <p>34.38-35.3: Fault; Fault - see major litho</p>												
35.3	38.29	PSEU - Pseudotachylite	S00430003	36.78	38.28	1.5	0.00299	0.012	0.0142	0.0025	0.009	0.01
<p>Similar to previously described quartz diorite. Foliation is moderately to strongly developed ranging from 50-60 DTCA. Lower contact is sharp ~60 DTCA.</p>												
<p>Structure</p> <p>36.49-36.5: Foliation; foliation</p> <p>38.28-38.29; see major litho</p>												
38.29	39.73	3A - Nipissing gabbro	S00430004	38.28	39.73	1.45	0.00541	0.0109	0.0063	0.0025	0.0025	0.005
<p>Dark grey-black, medium grained, equigranular, massive, non magnetic gabbro. Contains 70% amphibole, 30% feldspar, and trace quartz. <0.01% pyrrhotite occurs as isolated blebs and along fractures. Unit is cut by <0.01% mm-scale quartz-carbonate veinlets. Lower contact is gradational with underlying pegmatitic gabbro.</p>												
39.73	42.74	3A - Nipissing gabbro	S00430005	39.73	40.5	0.77	0.00594	0.0375	0.0033	0.0025	0.0025	0.005
<p>Medium-dark grey, coarse grained to pegmatitic, inequigranular, massive, non magnetic gabbro. Contains 60% amphibole, 40% feldspar, and trace quartz. <0.01% pyrrhotite occurs as isolated blebs and along fractures. ~0.2% Po and 0.01% Cpy occurs as interstitial blebs. Unit is cut by <0.01% 0.1-1cm quartz-carbonate veinlets. Lower contact is gradational with underlying pegmatitic gabbro.</p>												
<p>Mineralization</p> <p>39.73-42.74: ~0.2% Po and 0.01% Cpy occurs as interstitial blebs.</p> <p>Structure</p> <p>42.73-58.33: breccia; see major litho</p>												

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
42.74	58.33	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	S00430007	41.74	42.76	1.02	0.00477	0.0124	0.0067	0.0025	0.0025	0.005
Dark grey, fine-medium grained, non magnetic polymictic breccia. Contains subrounded fragments of quartzite and gabbro. Quartzite fragments are highly siliceous similar to those described early in this hole. Gabbro fragments are equigranular and compositionally similar to that described in 38.29-39.73m. Matrix is fine grained, moderately foliated ~40-45 DTCA, dark grey-green; possibly QD but too fine to distinguish quartz grains. Weak chloritization of matrix. 0.5% foliation parallel blebs of Po with 0.1-0.2% Cpy. Unit is cut by <0.01%, 0.1-3cm quartz-carbonate veins locally associated with ~0.05% Po-Cpy @ 30-35 DTCA; 56.67-56.7m - 3cm vein @ 30 DTCA with Po-Cpy. Lower contact is sharp ~20 DTCA marked by strong foliation.			S00430008	42.76	44.23	1.47	0.00461	0.0361	0.0372	0.019	0.034	0.02
			S00430009	44.23	45.65	1.42	0.00559	0.0152	0.01	0.0025	0.006	0.005
			S00430011	45.65	46.72	1.07	0.00529	0.011	0.0055	0.0025	0.0025	0.005
			S00430012	46.72	47.69	0.97	0.00671	0.0919	0.0577	0.026	0.062	0.05
			S00430013	47.69	48.45	0.76	0.00903	0.1186	0.1186	0.051	0.108	0.09
Mineralization			S00430014	48.45	49.82	1.37	0.00454	0.0304	0.019	0.006	0.011	0.01
42.74-58.33: 0.5% foliation parallel blebs of Po with 0.1-0.2% Cpy.			S00430015	49.82	51.29	1.47	0.00566	0.0439	0.028	0.014	0.028	0.03
Alteration			S00430016	51.29	52.78	1.49	0.00498	0.0274	0.02	0.009	0.016	0.03
42.74-65.94: weak, pervasive chlorite; occurs concentrated within breccia matrix and within shears			S00430017	52.78	54.28	1.5	0.00533	0.017	0.0055	0.0025	0.0025	0.005
Structure			S00430018	54.28	55.71	1.43	0.00525	0.0186	0.0053	0.0025	0.0025	0.005
42.73-58.33: breccia; see major litho			S00430019	55.71	56.5	0.79	0.00445	0.0138	0.0098	0.0025	0.0025	0.01
48.38-48.39: Foliation; foliation			S00430021	56.5	56.86	0.36	0.0082	0.1617	0.0872	0.012	0.025	0.01
54.67-54.68: Foliation; foliation			S00430022	56.86	58.3	1.44	0.00501	0.0279	0.0071	0.0025	0.0025	0.005
			S00430023	58.3	59.3	1	0.00708	0.0396	0.0594	0.03	0.062	0.08
58.33	65.94	SHR - Shearzone	S00430023	58.3	59.3	1	0.00708	0.0396	0.0594	0.03	0.062	0.08
Dark grey-green, fine-grained, non magnetic quartz diorite (?). Contains <10% gabbro fragments - similar to above gabbro. Weak-moderate, pervasive chlorite alteration throughout. Unit is moderately to strongly foliated ranging from parallel TCA, up to 40 DTCA. Foliation is locally anastomosing and crenulated. Unit is cut by ~0.5% 0.1-2cm quartz-carbonate veins ~10-30 DTCA; appear to be controlled by the fabric. Contains ~0.5% Po and 0.5% Cpy occurring as foliation parallel blebs and wisps. Lower contact is sharp and irregular with underlying quartz vein.			S00430024	59.3	60.3	1	0.00721	0.0588	0.0669	0.036	0.055	0.05
			S00430025	60.3	61.8	1.5	0.00553	0.043	0.0243	0.015	0.022	0.02
			S00430026	61.8	63.0	1.2	0.0103	0.0674	0.11	0.08	0.11	0.1
			S00430027	63.0	64.0	1	0.0107	0.0804	0.1338	0.085	0.151	0.14
Mineralization			S00430028	64.0	65.01	1.01	0.0099	0.0704	0.1176	0.077	0.159	0.16
58.33-65.94: ~0.5% Po and 0.5% Cpy occurring as foliation parallel blebs and wisps.			S00430029	65.01	65.94	0.93	0.01	0.1005	0.0721	0.031	0.104	0.09
Alteration			42.74-65.94: weak, pervasive chlorite; occurs concentrated within breccia matrix and within shears									
Structure			58.33-65.94: Shear; see major litho									
			59.8-59.81: Foliation; foliation									
			64.45-64.46: Foliation; foliation									

Project: Project			Hole Number: MMC-21-14									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
65.94	66.77	QV - Quartz vein Light grey-white quartz breccia vein with chloritic infill and <5% subrounded QD fragments. QD fragments are strongly foliated. ~0.25-0.5% Cpy occurs along foliation within QD fragments. Lower contact is irregular and brecciated.	S00430031	65.94	66.77	0.83	0.00275	0.008	0.0106	0.0025	0.0025	0.005
Mineralization 65.94-66.77: ~0.25-0.5% Cpy occurs along foliation within QD fragments												
Structure 65.94-66.77: Veins; Quartz breccia vein - see major litho												
66.77	68.56	SHR - Shearzone Similar to described 58.33-65.94m. Foliation ranges from 20-25 DTCA. Weak-moderate, pervasive chlorite alteration throughout. Lower contact is sharp ~20 DTCA	S00430032	66.77	67.5	0.73	0.0054	0.0301	0.0224	0.0025	0.014	0.005
			S00430033	67.5	68.56	1.06	0.008	0.0357	0.0517	0.015	0.053	0.05
Alteration 66.77-68.56: same as previously described												
Structure 66.77-68.56: Shear; see major litho												
68.56	75.9	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Similar to as described from 42.74-58.33m. mineralization in this unit is not as prevalent as in previous units. it is largely controlled by structures/fabrics that are sub-parallel to ca. approaching the lower contact the fabric changes and becomes close to 50dtca.	S00430034	68.56	69.87	1.31	0.00507	0.0164	0.008	0.0025	0.0025	0.005
			S00430035	69.87	70.68	0.81	0.00534	0.0216	0.0084	0.0025	0.0025	0.005
			S00430036	70.68	71.5	0.82	0.00814	0.053	0.066	0.042	0.083	0.09
			S00430037	71.5	72.8	1.3	0.00546	0.013	0.0136	0.0025	0.0025	0.005
			S00430038	72.8	73.65	0.85	0.00556	0.0115	0.0062	0.0025	0.0025	0.005
			S00430039	73.65	74.12	0.47	0.00837	0.0436	0.0491	0.014	0.051	0.03
			S00430041	74.12	75.37	1.25	0.00524	0.0117	0.0061	0.0025	0.0025	0.005
			S00430042	75.37	76.0	0.63	0.00595	0.0193	0.0191	0.006	0.016	0.02
75.9	78.68	4C - Quartz gabbro f-m.g., dark blue/greyish green, composed of mostly of amp (60%), minor plag (35%, with purplish to bluish hues), and trace to 5% qtz. rock is generally massive but has localized sections of well developed fabric. particularly at the start where there is a fabric sub-parallel to ca (10-20dtca) that contains trace to 1% po & cp along the fabrics. at 79m there is a 25cm pod of qtz/cabr that contains clasts of the host rock. lower contact is sharp at 50dtca.	S00430042	75.37	76.0	0.63	0.00595	0.0193	0.0191	0.006	0.016	0.02
			S00430043	76.0	76.35	0.35	0.00539	0.0107	0.0057	0.0025	0.0025	0.005
			S00430044	76.35	77.55	1.2	0.00593	0.0545	0.0177	0.006	0.013	0.02
			S00430045	77.55	78.64	1.09	0.00554	0.0112	0.006	0.0025	0.0025	0.005
			S00430046	78.64	79.07	0.43	0.00441	0.0727	0.0171	0.007	0.016	0.02
Mineralization 75.0-82.0: trace amounts of sulphides associated with foliated breccia matrix												
Structure 76.37-77.57; 10-20dtca and almost appears to syngenetic with an additional fabric at 50dtca. Trace amounts of sulphide occur along the fabric Po>cp.												

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
78.68	82	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Zone of small matrix dykelets cutting through the overlying unit. breccia matrix is a low percentage. mineralization in this portion is largely contained within the matrix. there are also erratic qtz/carb vns cutting through that are associated with mineralization.	S00430046	78.64	79.07	0.43	0.00441	0.0727	0.0171	0.007	0.016	0.02
			S00430047	79.07	79.67	0.6	0.00544	0.0206	0.0117	0.0025	0.007	0.005
			S00430048	79.67	81.07	1.4	0.00515	0.0114	0.0061	0.0025	0.0025	0.005
		Mineralization 75.0-82.0: trace amounts of sulphides associated with foliated breccia matrix	S00430049	81.07	82.0	0.93	0.00637	0.0298	0.0172	0.0025	0.015	0.01
		Structure 79.0-82.0; wispy 1-5mm carbonate veinlets occasionally associated with trace sulphides. one large vein at 79 has 0.1% cp occurring throughout.										
82	89.9	4C - Quartz gabbro Similar to above unit @76m. it remains fg., and has very rare specs of po within the ground mass. generally the unit is massive and cut by qtz/carb vns, occasionally there is a weak fabric developed in the rocks ~40dtca. these fabrics are common to see developing in areas with more pervasive carb veining. 85.26m there is a 4cm, silicified zone with slips on either side trending 40dtca and has minor gouge.	S00430051	82.0	83.12	1.12	0.00544	0.0099	0.0054	0.0025	0.0025	0.005
			S00430052	83.12	84.23	1.11	0.00519	0.0074	0.0059	0.0025	0.0025	0.005
			S00430053	84.23	85.0	0.77	0.0052	0.0063	0.0051	0.0025	0.0025	0.005
			S00430054	85.0	85.36	0.36	0.00506	0.0076	0.0052	0.0025	0.0025	0.005
			S00430055	85.36	86.77	1.41	0.00523	0.0083	0.0047	0.0025	0.0025	0.005
			S00430056	86.77	88.18	1.41	0.00522	0.0083	0.0048	0.0025	0.0025	0.005
			S00430057	88.18	89.54	1.36	0.00522	0.0082	0.0053	0.0025	0.0025	0.005
			S00430058	89.54	91.0	1.46	0.00507	0.0123	0.0058	0.0025	0.0025	0.005
89.9	91	FLT - Fault brittle structure that runs sub-parallel to ca. as it progresses down the section it transitions into fabrics closer to 40dtca. slips and gouge are common along the faces. the whole unit is strongly altered with what appears to be a siliceous overprint. the lower contact is not strongly defined and gradually grades into the underlying unit from 91 to about 91.5m.	S00430058	89.54	91.0	1.46	0.00507	0.0123	0.0058	0.0025	0.0025	0.005
		Alteration 89.9-91.0: strong siliceous overprint that appears to have been channeled along fault plane.										
		Structure 89.9-91.0: Fault										
91	93	3F - Pyroxenite Under the first meter the rock looks very pyroxemite with up to 70/80% amp (after px?) and grades into a unit with a higher percentage of plagioclase (up to 40%). texturally the unit is variable with irregular pods of more felsic and cg units grading in and out with the more fg amp dominated unit. the lower contact at 93m is gradational and poorly defined.	S00430059	91.0	91.57	0.57	0.00435	0.0065	0.0118	0.0025	0.0025	0.005
			S00430061	91.57	92.96	1.39	0.00492	0.0038	0.0164	0.0025	0.005	0.005
			S00430062	92.96	94.43	1.47	0.00468	0.0052	0.0158	0.0025	0.019	0.005
93	96.3	3A - Nipissing gabbro cg., dark blue to grey with irregular pods of fg, mafic portions. there appears to be local brecciation of the unit (<5%, occurs as a single band around 9.25m). Mineralogically the rock is composed of 60% amp, 40% plagioclase with more mafic phases dominated by amp.	S00430062	92.96	94.43	1.47	0.00468	0.0052	0.0158	0.0025	0.019	0.005
			S00430063	94.43	95.93	1.5	0.00468	0.0088	0.0156	0.0025	0.0025	0.005
			S00430064	95.93	97.33	1.4	0.0051	0.0207	0.0124	0.0025	0.0025	0.005
		Alteration										

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
96.3	97.16	SHR - Shearzone	S00430064	95.93	97.33	1.4	0.0051	0.0207	0.0124	0.0025	0.0025	0.005
<p>not a true shearzone, its more qtz/carb vns with a ductile overprint. overall trend is at 40dtca. there is also an unknown mafic phase associated with the veining that cuts through and across</p> <p>Alteration</p> <p>Structure</p> <p>96.3-97.15: Veins</p>												
97.16	102.57	3A - Nipissing gabbro	S00430064	95.93	97.33	1.4	0.0051	0.0207	0.0124	0.0025	0.0025	0.005
<p>similar to previous unit above the vein/shear. rock is a lighter blue/grey with much more abundant, unaltered plagioclase (40-50%) with the remainder being a mix of amphibole and aphanitic groundmass. in general the rock is massive, cut by carb/Qtz vns and again there can be local foliation developed around these veins. lower contact is irregular and generally sub-parallel to ca with this unit obviously being intruded by the lower.</p> <p>Mineralization</p> <p>102.0-105.0: trace amounts of sulphide within brecciated portion</p>												
			S00430065	97.33	98.61	1.28	0.00473	0.0084	0.0142	0.0025	0.0025	0.005
			S00430066	98.61	99.95	1.34	0.00468	0.0133	0.0155	0.0025	0.0025	0.005
			S00430067	99.95	100.34	0.39	0.00435	0.0053	0.0138	0.0025	0.0025	0.005
			S00430068	100.34	101.35	1.01	0.00479	0.008	0.0167	0.0025	0.0025	0.005
			S00430069	101.35	102.57	1.22	0.00467	0.005	0.0146	0.0025	0.024	0.01
102.57	106.46	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	S00430071	102.57	103.67	1.1	0.00435	0.0196	0.0092	0.0025	0.0025	0.005
<p>Unit isn't a breccia per-se. it appears almost like a qd/qgab unit that is fine grained and cuts through the barren gabbro blocks bounding this interval. it is weakly mineralized with trace cppo along the fabric sub-parallel to ca. it is common to see portions of the gabbro occurring along the sides of the core and these appear to be the result of gabbro clasts.</p> <p>Mineralization</p> <p>102.0-105.0: trace amounts of sulphide within brecciated portion</p> <p>Structure</p> <p>102.57-106.0: Foliation</p>												
			S00430072	103.67	104.17	0.5	0.00496	0.0045	0.0068	0.0025	0.0025	0.005
			S00430073	104.17	105.17	1	0.00536	0.0204	0.0058	0.0025	0.0025	0.005
			S00430074	105.17	106.46	1.29	0.0053	0.0136	0.0056	0.0025	0.0025	0.005
106.46	108.17	3A - Nipissing gabbro	S00430075	106.46	107.64	1.18	0.00446	0.0075	0.0131	0.0025	0.021	0.005
<p>Continuation of the unit at 103m</p> <p>Mineralization</p> <p>108.0-109.0: handful of cm blebs of cp associated with the foliation.</p> <p>Alteration</p> <p>Structure</p> <p>108.0-111.0: Foliation</p>												
			S00430076	107.64	108.15	0.51	0.00423	0.0089	0.0132	0.0025	0.01	0.005
			S00430077	108.15	108.91	0.76	0.00497	0.0731	0.0134	0.006	0.012	0.005

Project:		Project										Hole Number:		MMC-21-14	
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
108.17	117	PSEU - Pseudotachylite	S00430077	108.15	108.91	0.76	0.00497	0.0731	0.0134	0.006	0.012	0.005			
<p>This is a weird unit. The rock itself seems to be similar to the ground mass of the breccia matrix, but there's a marked decrease in the amount of clasts. In general, the unit is a fine-grained, dark blue to grey, non-magnetic, and foliated unit. The foliation drops out near the 112m mark, becoming more massive. Typically, the foliation is sub-parallel to the contact and amplified by the presence of carb/Qtz veins. Mineralization also seems to be more common in this area with cm globs of cp occurring near the upper contact. From 114m onwards, there is po associated with felsic veinlets trending at 20-40 degrees. As the unit progresses with depth and the foliation is lost, the rock becomes mg., and wispy to ghost-like plag develops in the dark blue/grey matrix with some amphibole grains.</p> <p>Lower contact with gabbro is gradational and poorly defined.</p>			S00430078	108.91	109.62	0.71	0.00518	0.1037	0.0083	0.03	0.0025	0.005			
			S00430079	109.62	110.94	1.32	0.00529	0.0132	0.0053	0.0025	0.0025	0.005			
			S00430081	110.94	112.34	1.4	0.0053	0.0099	0.006	0.0025	0.0025	0.005			
			S00430082	112.34	113.55	1.21	0.00531	0.0113	0.0054	0.0025	0.0025	0.005			
			S00430083	113.55	114.27	0.72	0.00534	0.0101	0.0051	0.0025	0.0025	0.005			
			S00430084	114.27	115.35	1.08	0.00654	0.0087	0.016	0.0025	0.009	0.005			
Mineralization			S00430085	115.35	116.8	1.45	0.00564	0.008	0.0062	0.0025	0.0025	0.005			
108.0-109.0: handful of cm blebs of cp associated with the foliation.			S00430086	116.8	118.28	1.48	0.00525	0.0095	0.0059	0.0025	0.0025	0.005			
114.6-117.0: associated with irregular veinlets cutting the section.															
Alteration															
114.0-117.0: irregular, silic to aplitic veinlets associated with po cutting unit at 30-60 degrees															
Structure															
108.0-111.0: Foliation															
117	120	3A - Nipissing gabbro	S00430086	116.8	118.28	1.48	0.00525	0.0095	0.0059	0.0025	0.0025	0.005			
gradational contacts with bounding units. This unit is vari-textured and shows grading in and out of a coarser grained variant with >40% plag and 60% po, and a finer grained variant similar to above. It almost looks as though the unit contains fragments of the coarser unit described previously in this unit but the contacts are diffuse and appear more similar to what is seen in trenching on surface. There is trace mineralization throughout and a concentration of po in a plag rich band at 119m, typically the mineralization in this zone is associated with cross-cutting chloritic veinlets.			S00430087	118.28	119.6	1.32	0.0051	0.0108	0.0056	0.0025	0.0025	0.005			
			S00430088	119.6	120.85	1.25	0.0063	0.101	0.0179	0.014	0.042	0.06			
Mineralization															
118.5-119.5: disseminated pyrrhotite within a plag rich portion of the gabbro.															
119.5-121.0: almost cm sized blebs of po centered around 120.6															

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
120	127.1	PSEU - Pseudotachylite	S00430088	119.6	120.85	1.25	0.0063	0.101	0.0179	0.014	0.042	0.06
similar to unit ending at 117m. It is again a f-mg., mafic unit that is dark blue to grey, with faint & interstitial plagioclase grains. Near the upper contact is a handful of cm sized po blebs, but for the most mineralization in this section is trace to 0.5% and occurs as fine dissemination within the ground mass and seems to be dominated by cp. there is weak magnetism associated with the mineralized zones as well. near 123m the mineralization seems to drop out but does still occur intermittently in trace amounts.			S00430089	120.85	121.55	0.7	0.00389	0.0553	0.0123	0.007	0.007	0.005
			S00430091	121.55	122.87	1.32	0.00579	0.1618	0.0069	0.015	0.0025	0.005
			S00430092	122.87	123.68	0.81	0.00512	0.0096	0.0055	0.0025	0.0025	0.005
			S00430093	123.68	125.14	1.46	0.00535	0.0111	0.0065	0.0025	0.0025	0.005
			S00430094	125.14	126.37	1.23	0.0056	0.0125	0.0088	0.0025	0.005	0.005
Mineralization 119.5-121.0: almost cm sized blebs of po centered around 120.6 121.0-127.0: finely disseminated to diffusive cp grains occurring as pin heads within the fine grained groundmass. locally the cp is concentrated along the foliation plane and becomes easier to recognize. 127.0-130.25: trace amounts disseminated throughout the breccia matrix			S00430095	126.37	127.65	1.28	0.00541	0.0161	0.0063	0.0025	0.0025	0.005
Alteration 121.4-121.54: single, carbonate vein cutting section associated with trace cp and possible rhodochrosite 121.54-127.0: multiple carbonate veins cutting section and trending at up to 60dtca. frequently these veins seem to be associated with trace to 1% cp & po in variable proportions. 127.0-138.0: 0.1 to 1cm veinlets at various degrees to ca			S00430096	127.65	128.48	0.83	0.00492	0.0095	0.0092	0.0025	0.006	0.005
127.1	130.25	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	S00430097	128.48	129.95	1.47	0.00498	0.0174	0.0093	0.0025	0.0025	0.005
comparable to other breccias seen so far. consists of fragments of the bounding mafic rocks inside a fg., green/grey matrix. Locally there are rxn rims around clasts (~130m). Compared to other breccias there is essentially no sulphides within these rocks.			S00430098	129.95	131.31	1.36	0.00506	0.0172	0.01	0.0025	0.005	0.005
			Mineralization 127.0-130.25: trace amounts disseminated throughout the breccia matrix			S00430099	131.31	131.99	0.68	0.00467	0.004	0.0119
Alteration 127.0-138.0: 0.1 to 1cm veinlets at various degrees to ca			S00430098	129.95	131.31	1.36	0.00506	0.0172	0.01	0.0025	0.005	0.005
130.25	131.9	3A - Nipissing gabbro	S00430099	131.31	131.99	0.68	0.00467	0.004	0.0119	0.0025	0.015	0.005
Comparable to previous gabbros. has abundant plag (40%) with minor hematite alteration and teh remainder is composed of amphibole. some intercalation of unit with the fine grained aphanitic uni (4a's above).			S00430101	131.99	133.43	1.44	0.00513	0.0124	0.011	0.0025	0.008	0.005
			Alteration 127.0-138.0: 0.1 to 1cm veinlets at various degrees to ca									

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
133	137.24	4A - Aphanitic mafic rocks	S00430101	131.99	133.43	1.44	0.00513	0.0124	0.011	0.0025	0.008	0.005
Fg., mafic rock composed largely of amphibole with minor component of plag. it has a felty texture and is generally massive, but can be weakly foliated near veining. trace amounts of po are associated with the qtz/carb veins.			S00430102	133.43	134.71	1.28	0.00527	0.0122	0.0112	0.0025	0.007	0.005
			S00430103	134.71	135.61	0.9	0.00523	0.0203	0.0071	0.0025	0.0025	0.005
Mineralization			S00430104	135.61	136.26	0.65	0.00544	0.0101	0.0059	0.0025	0.0025	0.005
133.0-138.67: trace amounts disseminated throughout unit			S00430105	136.26	136.97	0.71	0.00529	0.0179	0.0056	0.0025	0.0025	0.005
Alteration			S00430106	136.97	137.4	0.43	0.00484	0.0141	0.0082	0.0025	0.0025	0.005
127.0-138.0: 0.1 to 1cm veinlets at various degrees to ca												
137.24	138	PSEU - Pseudotachylite	S00430106	136.97	137.4	0.43	0.00484	0.0141	0.0082	0.0025	0.0025	0.005
continuation of breccia at 132m.			S00430107	137.4	137.97	0.57	0.00476	0.0011	0.0364	0.016	0.013	0.005
Mineralization			S00430108	137.97	138.52	0.55	0.00497	0.0185	0.0091	0.0025	0.0025	0.005
133.0-138.67: trace amounts disseminated throughout unit												
Alteration												
127.0-138.0: 0.1 to 1cm veinlets at various degrees to ca												
138	138.67	4A - Aphanitic mafic rocks	S00430108	137.97	138.52	0.55	0.00497	0.0185	0.0091	0.0025	0.0025	0.005
continuation from previous unit. minor po disseminated within groundmass			S00430109	138.52	138.96	0.44	0.00501	0.0275	0.0121	0.0025	0.006	0.005
Mineralization												
133.0-138.67: trace amounts disseminated throughout unit												
138.67	139.24	SHR - Shearzone	S00430109	138.52	138.96	0.44	0.00501	0.0275	0.0121	0.0025	0.006	0.005
weak to moderately developed shearzone at 30dtca. strong alteration to zone (silica?) with a bit of brittle deformation in the center of the zone. there is weak development of sigma clasts and boudinaging of quartz.			S00430111	138.96	139.83	0.87	0.00474	0.0398	0.014	0.009	0.026	0.02
Alteration												
138.67-139.24: associated with structure												
Structure												
138.67-139.24: Shear												

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
139.24	153.2	4C - Quartz gabbro	S00430111	138.96	139.83	0.87	0.00474	0.0398	0.014	0.009	0.026	0.02
<p>Similar to previous gabbros. cg., with abundant plag (40%), and the remainder composed of amp. unit is blue/grey and dark, with a silicified appearance, minor amounts of biotite can be seen in the groundmass and trace, pinhead grain of pocp can be seen on occassion. there is an altered and mineralized that runs from the start of the section to 140m with a chloritic overprint of the groundmass and hematization of the plagioclase up until 139.8m associated with up to 2% cppo (up to 5mm in size) that ends with with the hematization.</p> <p>from 145 to 153m there is trace amounts of pocp (variable ratios) that are concentrated along the foliation and microfractures. towards the end near 151m there is an increase in the amount of alteration veins (aplitic? strange siliceous, pink to brown unit) that concentrates the sulphides into trace 5mm clots.</p> <p>Mineralization 139.24-140.0: trace amounts associated with alteration of the plagioclase.</p> <p>Alteration 139.24-140.0: alteration of plag grains, associated with cppo mineralization</p>			S00430112	139.83	141.32	1.49	0.00515	0.0238	0.0106	0.0025	0.021	0.005
			S00430113	141.32	142.76	1.44	0.00487	0.025	0.0105	0.0025	0.017	0.005
			S00430114	142.76	143.69	0.93	0.0051	0.022	0.0113	0.0025	0.018	0.005
			S00430115	143.69	145.06	1.37	0.00501	0.0188	0.0108	0.0025	0.016	0.005
			S00430116	145.06	146.53	1.47	0.00502	0.0341	0.0139	0.01	0.017	0.02
			S00430117	146.53	147.97	1.44	0.00484	0.0276	0.0117	0.015	0.022	0.04
			S00430118	147.97	149.31	1.34	0.00504	0.0215	0.0111	0.012	0.065	0.06
			S00430119	149.31	150.78	1.47	0.00504	0.0152	0.0106	0.0025	0.051	0.03
			S00430121	150.78	151.8	1.02	0.00503	0.0135	0.0101	0.0025	0.02	0.01
			S00430122	151.8	153.2	1.4	0.00499	0.0133	0.0106	0.0025	0.013	0.01
153.2	155.23	4C - Quartz gabbro	S00430123	153.2	154.29	1.09	0.00608	0.0331	0.0164	0.0025	0.014	0.005
<p>same as previous unit, however there is a marked increase in carbonate alteration that occurs a wispy, pervasive overprint that locally concentrates sulphides up to 0.5%. Alteration decreases with depth.</p>			S00430124	154.29	155.23	0.94	0.00506	0.0135	0.0111	0.0025	0.018	0.005
			155.23	156.28	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	S00430125	155.23	155.8	0.57	0.00523	0.0045	0.0136
<p>not quite a true breccia but is rather an intercalation of the breccia matrix unit with trace to 1% sulphides cutting through in bands trending ~30dtca (sulphides concentrate along this). pyrrhotite mineralization can become relatively massive forming 0.5x4cm veinlets along the alteration (associated with actinolite patches).</p>			S00430126	155.8	156.13	0.33	0.00692	0.002	0.0161	0.0025	0.015	0.01
			S00430127	156.13	157.03	0.9	0.00188	0.0029	0.0048	0.0025	0.0025	0.005
			156.28	157.22	QV - Quartz vein	S00430127	156.13	157.03	0.9	0.00188	0.0029	0.0048
<p>massive yet irregular quartz vein that occurs with a strange silicified, brown, comb textured unit often associated with sulphides. actinolite grains can be seen intergrown with the Qtz and there often an unknown patchy-mafic(black)-mineral within the brown portion.</p> <p>lower contact at 50dtca</p>			S00430128	157.03	158.35	1.32	0.00519	0.0061	0.0119	0.0025	0.015	0.005
			157.22	164	4C - Quartz gabbro	S00430128	157.03	158.35	1.32	0.00519	0.0061	0.0119
<p>Lower contact of the unit is gradational and poorly defined, marked by a clear change in plag style and content. From 161-162m there is an irregular transition from a dark blue to a more typical Nipissing style gabbro, possible bleaching.</p>			S00430129	158.35	159.63	1.28	0.00502	0.0119	0.011	0.0025	0.009	0.005
			S00430131	159.63	161.02	1.39	0.00504	0.0111	0.0113	0.01	0.046	0.01
			S00430132	161.02	162.47	1.45	0.00498	0.0102	0.0109	0.0025	0.022	0.005
			S00430133	162.47	163.73	1.26	0.00504	0.0087	0.0111	0.0025	0.02	0.005
			S00430134	163.73	164.98	1.25	0.00477	0.0087	0.0105	0.0025	0.051	0.01

Project:		Hole Number: MMC-21-14										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
164	170	3F - Pyroxenite	S00430134	163.73	164.98	1.25	0.00477	0.0087	0.0105	0.0025	0.051	0.01
Fine grained, dark grey gabbro, 70-80% amphibole, 10% biotite, 10% plag. Weak foliation 45 degrees TCA. Infrequent <5mm qtz carb veins. Gradational change from 168-170m as there is an increase in plag content and size and decrease in pyroxene.			S00430135	164.98	166.36	1.38	0.00471	0.0091	0.0103	0.0025	0.076	0.04
			S00430136	166.36	167.78	1.42	0.00455	0.0097	0.0102	0.0025	0.078	0.06
			S00430137	167.78	169.19	1.41	0.00474	0.0093	0.0111	0.0025	0.021	0.03
			S00430138	169.19	170.23	1.04	0.00487	0.0071	0.011	0.0025	0.013	0.01
			S00430138	169.19	170.23	1.04	0.00487	0.0071	0.011	0.0025	0.013	0.01
170	177	3A - Nipissing gabbro	S00430138	169.19	170.23	1.04	0.00487	0.0071	0.011	0.0025	0.013	0.01
Dark green/grey, medium grained typical Nipissing Gabbro. 40-50% plag, abundant qtz veining up to 4cm wide, 50-60% amphibole, 1% cpy po occurring along veins until 175m. Veins with mineralization 60 degrees TCA.			S00430139	170.23	171.66	1.43	0.00443	0.0197	0.0098	0.0025	0.009	0.005
			S00430141	171.66	172.69	1.03	0.00479	0.0072	0.0109	0.0025	0.009	0.005
			S00430142	172.69	174.03	1.34	0.00465	0.0107	0.011	0.009	0.008	0.005
			S00430143	174.03	174.51	0.48	0.00489	0.0232	0.0109	0.0025	0.008	0.005
			S00430144	174.51	174.84	0.33	0.00435	0.0289	0.0142	0.0025	0.006	0.005
			S00430145	174.84	176.18	1.34	0.00471	0.0077	0.0107	0.0025	0.008	0.005
			S00430146	176.18	176.89	0.71	0.00491	0.0115	0.0106	0.0025	0.007	0.005
177	178											

Project: Project		Hole Number: MMC-21-15					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: May-02-2021	Drilling Started: May-01-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: May-05-2021	Drilling Completed: May-04-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 120	Logged By: Geordie Hamilton	Drilling Contractor: Gyllis	Easting:	436250		
Casing: Mt	Actual Depth: 201			Northing:	5133496		
				Elevation:	317		

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	7.5	OB - Overburden 6.5m of casing										
7.5	9.92	4D - Biotite quartz diorite Quartz biotite-diorite. Dark green-grey, fine grained, weakly-moderately foliated, non-magnetic. 50-60% amphibole, 20% plagioclase, 10-15% biotite, and ~5% 1-2mm quartz phenocrysts. Contains ~15%, 5-20cm, subangular fragments of qtz. Foliation occurs ~20 DTCA. No visible sulphides or veining. Lower contact is sharp ~60 DTCA.										
Structure												
8.2-8.21: Foliation												
9.91-9.92												
9.92	13.63	1A - Quartzite Biotite-bearing Quartzite. Medium grey, bedded, non magnetic. Contains interfingering of quartz diorite unit. Bedding occurs ~25 DTCA; black elongate spots occur along foliation toward lower contact. 0.01% disseminated Po occurs locally. Lower contact is sharp ~30 DTCA.										
Mineralization												
10.1-10.2: trace disseminated Po												
Structure												
12.4-12.5												
13.62-13.63												
13.63	14.53	4D - Biotite quartz diorite Same as previously described QD unit. Lower contact is sharp ~30 DTCA.										
Structure												
14.52-14.53												

Project:	Project	Hole Number: MMC-21-15
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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14.53 17.47 1A - Quartzite

Similar to previously described qte. Unit contains patch of moderate potassic alteration @ 16.4-16.8m. Unit is also cut by quartz veins @ 16.35-16.43m -20 DTCA and @ 16.85-16.91m - 20 DTCA. Lower contact is sharp ~20 DTCA.

Structure

16.35-16.43: Veins; 5cm wide quartz vein

16.85-16.91: Veins; 2cm wide quartz vein

17.46-17.47

17.47 17.77 QV - Quartz vein

Quartz vein; possibly silicified metasediments. Light grey to white, laminated/foliated, non magnetic, and contains chloritic laminae ~30 DTCA. Lower contact is sharp ~10 DTCA and transitions into broken zone.

Structure

17.47-17.77: Veins; see major litho

17.77 18 FLT - Fault

Structure; fault or possibly shear. Structure is hosted by quartz diorite. Interval is rubbly and contains abundant chloritic slickenlines along slip surfaces. Chlorite alteration is moderate and pervasive. No visible mineralization. Lower contact is sharp ~15 DTCA.

Alteration

17.77-18.5: Moderate, pervasive chlorite occurs concentrated fault/shear structure

18 18.35 4D - Biotite quartz diorite

Similar to previously described QD. Chlorite alteration is moderate and pervasive associated with the structure described above. Minor quartz veining 1cm wide at ~15 DTCA. No observed mineralization. Lower contact is sharp ~10 DTCA.

Alteration

17.77-18.5: Moderate, pervasive chlorite occurs concentrated fault/shear structure

Structure

18.17-18.2: Veins; 2cm wide quartz vein ~15 DTCA

18.35 19.83 QV - Quartz vein

Quartz vein. Light grey to white, laminated, non magnetic, and contains chloritic laminae ~40 DTCA and chloritic knots; these can be scratched by fingernail. No observed mineralization. Lower contact is sharp ~20 DTCA.

Alteration

17.77-18.5: Moderate, pervasive chlorite occurs concentrated fault/shear structure

Structure

18.35-19.83: Veins; see major litho

Project:		Project										Hole Number: MMC-21-15				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)				
19.83	23.61	1A - Quartzite														
<p>Similar to previously described qte. Moderate-strong, pervasive silicification. Contains 1-3cm quartz veining @21.28-21.4m ~25 DTCA. Lower contact is sharp ~15 DTCA.</p> <p>Alteration 22.0-23.61: Moderate-strong silicification of metasedimentary fragments</p> <p>Structure 22.75-22.76: Foliation 23.6-23.61</p>																
23.61	24.4	4D - Biotite quartz diorite														
<p>Similar to previously described QD. Foliation is ~20-30 DTCA. Lower contact is irregular with underlying metasediment fragment.</p>																
24.4	28.65	1A - Quartzite														
<p>Similar to previously described qte. Bedding occurs ~30 DTCA. Contains 0.5-1cm quartz-carbonate breccia veining @28.42-28.65m . Lower contact is sharp ~65 DTCA.</p> <p>Alteration 24.4-28.65: weak-Moderate silicification of metasedimentary fragments</p> <p>Structure 27.64-27.65 28.64-28.65</p>																
28.65	29.91	4D - Biotite quartz diorite														
<p>Similar to previously described QD. Lower contact is sharp ~35 DTCA.</p> <p>Structure 29.9-29.91</p>																
29.91	33.57	1A - Quartzite														
<p>Similar to previously described qte. Locally chloritic/biotitic knots occur within metasediments giving a spotted appearance. Bedding occurs ~25 DTCA. Lower contact is sharp ~25 DTCA.</p> <p>Alteration 29.91-33.57: Moderate silicification of metasedimentary fragments</p> <p>Structure 32.74-32.75: Foliation 33.56-33.57</p>																

Project: Project			Hole Number: MMC-21-15									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
33.57	34.19	4D - Biotite quartz diorite Similar to previously described QD. Lower contact is sharp ~40 DTCA.										
Structure 34.18-34.19												
34.19	40.29	1A - Quartzite Similar to previously described qte. Bedding occurs ~40 DTCA. Lower contact is sharp ~40 DTCA.	S00430147	38.9	40.29	1.39	0.00119	0.0014	0.0021	0.0025	0.0025	0.005
Alteration 34.19-41.24: Moderate silicification of metasedimentary fragments and shear												
40.29	40.61	SHR - Shearzone Narrow shear. Foliation occurs with S-C fabric/ crenulated fabric ~50-60 DTCA. Lower contact is sharp ~60 DTCA.	S00430148	40.29	40.61	0.32	0.00157	0.0008	0.0049	0.0025	0.0025	0.005
Alteration 34.19-41.24: Moderate silicification of metasedimentary fragments and shear												
Structure 40.29-40.61: Shear; see major litho												
40.61	41.24	1A - Quartzite Similar to previously described qte. Bedding occurs ~40 DTCA. Lower contact is sharp ~40 DTCA.	S00430149	40.61	41.24	0.63	0.00058	0.0005	0.0043	0.0025	0.0025	0.005
Alteration 34.19-41.24: Moderate silicification of metasedimentary fragments and shear												
Structure 41.23-41.24												
41.24	47.7	3A - Nipissing gabbro Dark grey-black, medium-coarse grained -somewhat varitextured and brecciated, non magnetic gabbro. Contains 50% amphibole, 30% plagioclase, 10-15% biotite, and <5% quartz. Unit appears to be moderately sericite altered. Interval contains white-pink felsic leucosomes/fragments throughout. ~0.05% Silvery sulphide is observed along the margin of a green, spotty patch within the unit; possibly epidote alteration of felsic leucosomes (?). Lower contact is gradational, marked by the disappearance of felsic fragments.	S00430151	41.24	42.59	1.35	0.0008	0.0001	0.1117	0.0025	0.0025	0.005
			S00430152	42.59	43.74	1.15	0.00056	0.0001	0.0806	0.0025	0.0025	0.005
			S00430153	43.74	44.21	0.47	0.00145	0.0001	0.4417	0.064	0.0025	0.005
			S00430154	44.21	44.71	0.5	0.0006	0.0001	0.0842	0.0025	0.0025	0.005
			S00430155	44.71	45.51	0.8	0.00053	0.0001	0.0772	0.0025	0.0025	0.005
			S00430156	45.51	46.51	1	0.00065	0.0001	0.052	0.0025	0.0025	0.005
			S00430157	46.51	47.7	1.19	0.00059	0.0001	0.0398	0.0025	0.0025	0.005
Alteration 41.24-44.5: Weak-moderate, pervasive sericite 44.5-45.5: moderate-strong, pervasive sericite 45.5-47.7: Weak-moderate, pervasive sericite												
Structure 47.22-47.23: Foliation												

Project:		Hole Number: MMC-21-15										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
47.7	49.17	4D - Biotite quartz diorite	S00430158	47.7	49.17	1.47	0.00121	0.0005	0.0464	0.0025	0.0025	0.005
<p>Dark grey, medium grained, non magnetic quartz diorite or gabbro? Consists of 50 % plagioclase, 25% biotite, 10% quartz and 15% amphibole. Appears to contain fragments of biotite-rich, equigranular gabbro (clasts are very faint; possibly partially assimilated) and small white fragments. Contains 0.5% disseminated to blebby Po. Lower contact is sharp ~30 DTCA.</p> <p>Mineralization 49.0-53.0: 1-2% disseminated to blebby Po with ~0.50% disseminated to blebby Cpy</p> <p>Structure 49.16-49.17</p>												
49.17	49.79	4B - Melagabbro	S00430159	49.17	49.79	0.62	0.00305	0.0012	0.1979	0.0025	0.0025	0.005
<p>Dark grey-green, fine grained, weak-moderately foliated melagabbro (?). Appears similar to diabase. Foliation occurs ~50 DTCA. Very soft, friable under fingernail; almost completely replaced by chlorite. Contains ~0.5% foliation controlled Po and ~0.1% Cpy. Lower contact is sharp ~60 DTCA.</p> <p>Mineralization 49.0-53.0: 1-2% disseminated to blebby Po with ~0.50% disseminated to blebby Cpy</p> <p>Alteration 49.17-49.79: Strong chloritization of unit; almost completely altered to chlorite</p> <p>Structure 49.78-49.79</p>												
49.79	52.29	4D - Biotite quartz diorite	S00430161	49.79	50.79	1	0.00701	0.0099	0.5115	0.006	0.0025	0.005
<p>Same as described from 47.7-49.17m. Unit contains ~2% disseminated to blebby Po and ~0.5% Cpy; occurs concentrated within breccia matrix. Lower contact is sharp ~45 DTCA.</p> <p>S00430162 50.79 52.29 1.5 0.00167 0.0005 0.1163 0.0025 0.0025 0.005</p> <p>Mineralization 49.0-53.0: 1-2% disseminated to blebby Po with ~0.50% disseminated to blebby Cpy</p>												
52.29	53.26	4B - Melagabbro	S00430163	52.29	52.61	0.32	0.00476	0.017	0.2708	0.0025	0.0025	0.005
<p>Same as described from 49.17-49.79m. Unit is rubbly and contains chloritic slicklines along slip planes. Lower contact is obscured by rubbly core.</p> <p>S00430164 52.61 53.26 0.65 0.00271 0.0065 0.1515 0.0025 0.0025 0.005</p> <p>Mineralization 49.0-53.0: 1-2% disseminated to blebby Po with ~0.50% disseminated to blebby Cpy</p> <p>Alteration 52.29-52.61: Strong chloritization of unit; almost completely altered to chlorite</p> <p>Structure 52.29-52.3 53.25-53.26</p>												

Project:		Hole Number: MMC-21-15											
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)	
53.26	54.63	1A - Quartzite	S00430165	53.26	54.63	1.37	0.00066	0.0001	0.0366	0.0025	0.0025	0.005	
<p>Anorthosite(?). Light grey-white with pink patches contained within dark grey gabbro. Anorthositic patches are >90% plagioclase with lesser amphibole-biotite. Anorthosite is brecciated within the gabbro and forms cm-scale, subangular fragments locally. Unit is cut by cm-scale quartz-carbonate veins ~50 DTCA. 0.01% disseminated Cpy. Lower contact is sharp ~50 DTCA marked by the transition into gabbro.</p>													
54.63	55.27	SHR - Shearzone	S00430166	54.63	55.26	0.63	0.00089	0.0018	0.0243	0.0025	0.0025	0.005	
<p>Brittle-ductile structure. Contains healed anorthosite breccia with chloritic slicklines along slip faces. Two prominent slip faces occur at 54.95m and 55.03; both at ~50 DTCA. Unit is well foliated ~50 DTCA. Moderate chlorite alteration and silicification with weak, fracture-filling sericite. No observed mineralization. Lower contact is sharp ~35 DTCA.</p>													
Alteration													
54.63-55.27: Moderate, pervasive chlorite and silicification.													
Structure													
54.63-55.27: Shear; See major litho													
55.27	56.06	1A - Quartzite	S00430167	55.26	56.06	0.8	0.00038	0.0215	0.0079	0.0025	0.0025	0.005	
Same as described from 53.26-54.63m. Lower contact is sharp ~50 DTCA.													
Mineralization													
55.27-56.06: trace disseminated Cpy-Po													
56.06	61.02	4F - Fragmental melagabbro	S00430168	56.06	57.5	1.44	0.00172	0.0017	0.044	0.007	0.011	0.01	
<p>Fragmental Melagabbro. Dark green-grey, fine-medium grained, weakly-moderately foliated, non magnetic. Consists of ~80% amphibole, 10% biotite, and 10% plagioclase; locally more plagioclase-rich patches occur. 0.01% Po-Cpy occurs along fracture planes. Foliation ranges from 40-50 DTCA. Lower contact is sharp ~65 DTCA.</p>													
Mineralization													
57.4-61.02: trace disseminated Cpy-Po													
Structure													
59.5-59.6: Foliation													
61.01-61.02													
61.02	61.84	1A - Quartzite	S00430172	61.02	61.84	0.82	0.00106	0.0129	0.0638	0.0025	0.0025	0.005	
Similar to as described from 53.26-56.06m. Cpy and Po occur as 1-5mm blebs along fractures. Lower contact is sharp ~65 DTCA.													
Mineralization													
61.02-61.84: ~0.5% fracture-filling Cpy-Po													
Structure													
61.83-61.84													

Project: Project			Hole Number: MMC-21-15									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
61.84	83.72	4B - Melagabbro	S00430173	61.84	63.2	1.36	0.00248	0.0107	0.1218	0.007	0.007	0.005
Similar to described from 56.06-61.02m. Unit is now dominantly fine-grained. Mineralization occurs as Po-Cpy+/-Pn reaching up to 5-10% from 90.56-120m. Lower contact is gradational, marked by increased plagioclase content.			S00430174	63.2	64.63	1.43	0.00258	0.0053	0.0272	0.005	0.007	0.005
			S00430175	64.63	66.0	1.37	0.0018	0.0079	0.0231	0.008	0.007	0.005
Mineralization			S00430176	66.0	67.47	1.47	0.00191	0.0042	0.0158	0.005	0.0025	0.005
61.84-62.15: ~2% disseminated Cpy and ~2-3% Po			S00430177	67.47	68.83	1.36	0.00093	0.0049	0.0088	0.005	0.0025	0.005
62.15-71.0: Trace disseminated Po-Cpy			S00430178	68.83	70.25	1.42	0.00169	0.017	0.0105	0.006	0.0025	0.005
			S00430179	70.25	71.72	1.47	0.00128	0.0007	0.0098	0.0025	0.0025	0.005
Alteration			S00430181	71.72	73.2	1.48	0.00111	0.0014	0.009	0.0025	0.0025	0.005
81.53-82.78: Dark red, weak-moderate, patchy hematite alteration.			S00430182	73.2	74.59	1.39	0.00106	0.0006	0.008	0.0025	0.0025	0.005
Structure			S00430183	74.59	75.92	1.33	0.0014	0.0008	0.0119	0.0025	0.0025	0.005
63.7-63.8: Foliation			S00430184	75.92	77.33	1.41	0.00134	0.0008	0.0127	0.0025	0.0025	0.005
66.08-66.13: Veins; ~4cm quartz vein ~45 DTCA - no min			S00430185	77.33	78.33	1	0.00126	0.0004	0.0106	0.0025	0.0025	0.005
			S00430186	78.33	80.26	1.93	0.00262	0.0092	0.0047	0.0025	0.0025	0.005
			S00430187	80.26	81.53	1.27	0.00155	0.0013	0.0074	0.056	0.0025	0.005
			S00430188	81.53	82.78	1.25	0.00145	0.0011	0.009	0.0025	0.0025	0.005
			S00430189	82.78	83.72	0.94	0.00164	0.0008	0.0099	0.0025	0.0025	0.005
83.72	88	4C - Quartz gabbro	S00430191	83.72	85.22	1.5	0.00231	0.041	0.0046	0.009	0.0025	0.005
Gabbro. Dark green-grey, medium grained, non magnetic, massive to weakly foliated. Contains 65% amphibole, 25% plagioclase, and 10% biotite. Trace disseminated Po-Cpy throughout. Lower contact is gradational marked by grain size fining and decreased plagioclase content.			S00430192	85.22	86.55	1.33	0.00322	0.0286	0.0093	0.005	0.0025	0.005
			S00430193	86.55	88.05	1.5	0.00379	0.0421	0.0148	0.0025	0.0025	0.005
Mineralization			85.0-90.56: Trace disseminated Po-Cpy									
88	92.97	4B - Melagabbro	S00430193	86.55	88.05	1.5	0.00379	0.0421	0.0148	0.0025	0.0025	0.005
Similar to that described from 61.84-83.72m. Unit displays a spotted texture between 91-92m. Lower contact is gradational, marked by increased plagioclase content.			S00430194	88.05	89.43	1.38	0.0039	0.0252	0.0129	0.009	0.0025	0.005
			S00430195	89.43	90.54	1.11	0.00438	0.0157	0.0202	0.011	0.009	0.01
Mineralization			S00430196	90.54	91.57	1.03	0.0645	0.1914	0.2915	0.462	0.827	0.16
85.0-90.56: Trace disseminated Po-Cpy			S00430197	91.57	92.96	1.39	0.0545	0.2414	0.2401	0.36	0.729	0.15
90.56-120.24: Blebby-globular Po-Cpy ~5-10%; mineralization also occurs stretched along foliation locally			S00430198	92.96	93.37	0.41	0.00986	0.2888	0.1146	0.066	0.096	0.06
Structure			91.57-91.78: Veins; ~2cm wide carbonate-quartz vein ~20 DTCA associated with 5-10% Po-Cpy									
			92.45-92.55: Foliation									

Project: Project			Hole Number: MMC-21-15									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
92.97	93.37	4C - Quartz gabbro	S00430198	92.96	93.37	0.41	0.00986	0.2888	0.1146	0.066	0.096	0.06
Similar to that described from 83.72-88m. Lower contact is gradational, marked by decreased plagioclase content.												
Mineralization												
90.56-120.24: Blebby-globular Po-Cpy ~5-10%; mineralization also occurs stretched along foliation locally												
93.37	101	4B - Melagabbro	S00430199	93.37	94.81	1.44	0.02	0.2918	0.2665	0.174	0.283	0.24
Similar to that described from 61.84-83.72m. Lower contact is gradational, marked by decreased plagioclase content.			S00430201	94.81	96.0	1.19	0.0144	0.1626	0.1569	0.09	0.151	0.12
Mineralization			S00430202	96.0	96.7	0.7	0.0215	0.3065	0.2608	0.167	0.231	0.18
90.56-120.24: Blebby-globular Po-Cpy ~5-10%; mineralization also occurs stretched along foliation locally			S00430203	96.7	98.2	1.5	0.0281	0.3378	0.3607	0.323	0.335	0.24
Structure			S00430204	98.2	99.69	1.49	0.0295	0.4112	0.436	0.27	0.362	0.38
100.0-100.05: Foliation			S00430205	99.69	101.02	1.33	0.0339	0.5455	0.4351	0.317	0.401	0.38
101	119	4B - Melagabbro	S00430205	99.69	101.02	1.33	0.0339	0.5455	0.4351	0.317	0.401	0.38
Dark grey-green, fine-medium grained, weakly foliated metapyroxenite? Contains >90% amphibole and <10% plagioclase. Black spots occur throughout; appear to be relict pyroxenes. Mineralization occurs as blebby to foliation controlled Po-Cpy ~5-10%. Lower contact is gradational marked by increased plagioclase content.			S00430206	101.02	102.0	0.98	0.0401	0.5458	0.4865	0.236	0.446	0.48
Mineralization			S00430207	102.0	103.5	1.5	0.0487	0.6676	0.6928	0.392	0.655	0.74
90.56-120.24: Blebby-globular Po-Cpy ~5-10%; mineralization also occurs stretched along foliation locally			S00430208	103.5	105.0	1.5	0.0155	0.2443	0.2191	0.117	0.242	0.17
Structure			S00430209	105.0	106.44	1.44	0.0178	0.3354	0.275	0.155	0.335	0.29
110.02-110.05: Veins; 2cm wide quartz-carbonate vein ~20 DTCA with comb textured quartz			S00430211	106.44	107.69	1.25	0.0175	0.3624	0.3104	0.202	0.404	0.36
Structure			S00430212	107.69	109.19	1.5	0.0333	0.4624	0.3504	0.177	0.483	0.43
			S00430213	109.19	110.69	1.5	0.0167	0.3507	0.272	0.167	0.33	0.35
			S00430214	110.69	112.17	1.48	0.0219	0.451	0.4208	0.264	0.554	0.46
			S00430215	112.17	113.57	1.4	0.0179	0.1662	0.1769	0.104	0.334	0.19
			S00430216	113.57	114.77	1.2	0.011	0.1828	0.1405	0.111	0.181	0.25
			S00430217	114.77	116.23	1.46	0.0131	0.1404	0.131	0.063	0.118	0.19
			S00430218	116.23	117.0	0.77	0.0105	0.1146	0.095	0.079	0.107	0.12
			S00430219	117.0	118.05	1.05	0.0152	0.4702	0.2904	0.299	0.407	0.29
			S00430221	118.05	118.99	0.94	0.00533	0.031	0.0206	0.019	0.041	0.02
			S00430222	118.99	120.24	1.25	0.0107	0.18	0.1355	0.084	0.166	0.1

Project: Project			Hole Number: MMC-21-15									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
119	143.56	4B - Melagabbro	S00430222	118.99	120.24	1.25	0.0107	0.18	0.1355	0.084	0.166	0.1
Similar to that described from 61.84-83.72m. Massive to weakly foliated ~45 DTCA. Contains zones of mineralization @ ~122.7-124.3m, 131.9-134.6m; ~3-5% Po and 1-2% Cpy, blebby to disseminated. Minor 0.5-2cm quartz-carbonate veining ~0-45 DTCA. Lower contact is gradational marked by increased plagioclase content.			S00430223	120.24	120.63	0.39	0.00644	0.2851	0.0653	0.025	0.036	0.01
			S00430224	120.63	121.87	1.24	0.0058	0.0265	0.0157	0.016	0.037	0.02
			S00430225	121.87	122.63	0.76	0.00764	0.0355	0.0268	0.018	0.046	0.02
Mineralization			S00430226	122.63	123.63	1	0.0158	0.3488	0.2431	0.213	0.324	0.28
90.56-120.24: Blebby-globular Po-Cpy ~5-10%; mineralization also occurs stretched along foliation locally			S00430227	123.63	124.32	0.69	0.0164	0.4062	0.3159	0.213	0.365	0.32
120.24-120.44: ~20cm wide quartz vein hosts ~3% Cpy and ~3% Po			S00430228	124.32	125.82	1.5	0.00594	0.0543	0.0279	0.025	0.058	0.03
120.44-122.66: Trace disseminated Po-Cpy			S00430229	125.82	127.18	1.36	0.00519	0.0289	0.0221	0.022	0.054	0.02
122.66-124.35: disseminated to blebby, ~3% Po and ~1% Cpy			S00430231	127.18	128.27	1.09	0.00518	0.0135	0.0177	0.015	0.05	0.02
124.35-131.88: ~0.1% disseminated Po and Cpy. Po-Cpy also occurs within quartz-carbonate veinlets ~50 DTCA			S00430232	128.27	129.06	0.79	0.00657	0.052	0.0252	0.02	0.072	0.06
131.88-134.7: disseminated to blebby Po ~4% and Cpy ~1%			S00430233	129.06	130.54	1.48	0.00597	0.024	0.0222	0.015	0.045	0.02
136.1-146.04: 0.01% disseminated and fracture controlled Po-Cpy			S00430234	130.54	131.88	1.34	0.00846	0.1107	0.0567	0.04	0.117	0.06
Structure			S00430235	131.88	132.79	0.91	0.0207	0.4799	0.3754	0.244	0.474	0.39
119.53-119.54: ~1-2cm wide carbonate-quartz vein ~35 DTCA			S00430236	132.79	133.78	0.99	0.0173	0.43	0.3276	0.231	0.409	0.37
120.24-120.44: ~10-20 cm wide quartz-carbonate vein ~25 DTCA with ~10% Cpy-Po			S00430237	133.78	134.7	0.92	0.0198	0.6118	0.4632	0.288	0.584	0.59
127.2-128.28: ~1-2cm wide quartz vein ~0-5 DTCA.			S00430238	134.7	135.88	1.18	0.00627	0.013	0.0153	0.009	0.029	0.02
129.83-129.93: Foliation			S00430239	135.88	137.37	1.49	0.00612	0.0416	0.0197	0.011	0.048	0.02
132.61-132.71: Veins; 3-4cm carbonate-chlorite vein ~25 DTCA with <0.01% Po			S00430241	137.37	138.86	1.49	0.00595	0.0297	0.0209	0.007	0.044	0.02
			S00430242	138.86	140.3	1.44	0.00592	0.049	0.022	0.011	0.058	0.02
			S00430243	140.3	141.75	1.45	0.00592	0.0423	0.0197	0.014	0.056	0.03
			S00430244	141.75	142.78	1.03	0.0075	0.0455	0.0242	0.026	0.066	0.03
			S00430245	142.78	143.57	0.79	0.00908	0.0413	0.0489	0.019	0.093	0.04
143.56	149.06	4C - Quartz gabbro	S00430245	142.78	143.57	0.79	0.00908	0.0413	0.0489	0.019	0.093	0.04
Similar to that described from 83.72-88m. Zone of mineralization occurs @ 146-146.9m; ~5% Po and 1-2% Cpy, blebby to disseminated; overall ~1% Po and ~0.25% Cpy; sulphides also occur along fractures. Lower contact is very faint but appears to be sharp ~50 DTCA.			S00430246	143.57	145.06	1.49	0.00576	0.0205	0.0161	0.008	0.023	0.02
			S00430247	145.06	146.04	0.98	0.00652	0.0259	0.0362	0.008	0.02	0.01
Mineralization			S00430248	146.04	146.41	0.37	0.014	0.3963	0.2804	0.194	0.334	0.33
136.1-146.04: 0.01% disseminated and fracture controlled Po-Cpy			S00430249	146.41	148.01	1.6	0.00511	0.0292	0.0166	0.007	0.023	0.01
146.04-146.91: Disseminated to blebby Po ~5% and Cpy ~1%			S00430251	148.01	149.06	1.05	0.00603	0.0567	0.0165	0.008	0.036	0.01
148.9-151.4: 0.01% disseminated Po-Cpy												
Structure												
144.27-144.29: Veins; ~2cm quartz vein ~30 DTCA. no mineralization												
149.05-149.06												

Project: Project			Hole Number: MMC-21-15												
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
149.06	166.74	3A - Nipissing gabbro	S00430252	149.06	150.0	0.94	0.00548	0.0787	0.0245	0.016	0.054	0.03			
<p>Gabbro. Medium-dark grey, medium to coarse grained, equigranular, non magnetic, massive. Consists of 60-70% amphibole and 30-40% plagioclase. Unit varies from medium grey colour to dark grey. Mineralization occurs as <0.01% disseminated Po-Cpy. Unit is cut by 0.5-10cm quartz veining ~50-60 DTCA, locally with large chloritic knots. Lower contact is gradational marked by a transition into coarse grained to pegmatitic gabbro.</p> <p>Mineralization</p> <p>148.9-151.4: 0.01% disseminated Po-Cpy</p> <p>156.75-158.7: 0.01% disseminated Po-Cpy</p> <p>Structure</p> <p>159.8-159.89: Veins; 8cm wide quartz-chlorite vein ~60 DTCA with no visible mineralization</p> <p>163.2-163.3: Veins; 10cm wide quartz vein ~65 DTCA with 0.5-2cm potassic altered wall rock fragments and <0.01% Po</p>			S00430253	150.0	151.5	1.5	0.00465	0.0437	0.0184	0.007	0.023	0.01			
			S00430254	151.5	153.0	1.5	0.0049	0.0335	0.0157	0.006	0.016	0.005			
			S00430255	153.0	154.5	1.5	0.00468	0.0265	0.0176	0.0025	0.019	0.01			
			S00430256	154.5	156.0	1.5	0.00463	0.0283	0.0196	0.007	0.026	0.02			
			S00430257	156.0	157.5	1.5	0.00484	0.0273	0.0201	0.007	0.015	0.01			
			S00430258	157.5	159.0	1.5	0.00481	0.0487	0.0281	0.024	0.036	0.04			
			166.74	167.15	3A - Nipissing gabbro	<p>Pegmatitic gabbro. Dark grey, coarse grained, non magnetic, pegmatitic, massive. Consists of ~50% amphibole and 50% plagioclase. Cm-scale laths of amphibole are surrounded by interstitial plagioclase. No observed mineralization. Lower contact is gradational marked by the transition back into equigranular gabbro.</p>									
			167.15	180.66	3A - Nipissing gabbro	<p>Similar as described from 149.06-166.74m. Trace quartz-carbonate veinlets (0.1-0.5cm) ranging from 25-45 DTCA. Lower contact is gradational marked by decreased plagioclase content.</p> <p>Mineralization</p> <p>167.4-167.8: 0.01% disseminated Po-Cpy</p> <p>Structure</p> <p>173.01-173.03: Veins; 2cm quartz vein ~65 DTCA</p>									
180.66	182.08	3F - Pyroxenite	<p>Pyroxenite or amphibole-rich gabbro. Dark green-grey, fine grained, non magnetic, equigranular, weakly foliated. Consists of ~80-90% amphibole, 5-10% biotite, and 10-15% plagioclase. Foliation ranges from 20-30 DTCA. No observed mineralization. Lower contact is sharp ~50 DTCA.</p>												
182.08	182.67	QV - Quartz vein	<p>Quartz-chlorite breccia vein. Medium grey, sugary texture with subangular, cm-scale wallrock fragments. No observed mineralization. Lower contact is sharp ~45 DTCA.</p> <p>Structure</p> <p>182.08-182.67: Veins; see major litho</p>												

Project:		Project										Hole Number:					MMC-21-15				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)									
182.67	186.5	3F - Pyroxenite																			
<p>Similar to as described from 180.66-182.08m. Possible fault or slip plane ~181.1-181.3m with chloritic slicklines; plane is ~15-20 DTCA. Lower contact is sharp ~30 DTCA.</p> <p>Structure 186.1-186.3: Slip surfaces; Slip surface with chloritic slickenlines and broken core; possibly fault ~15 -20 DTCA</p>																					
186.5	196.98	3A - Nipissing gabbro	S00430259	195.48	196.98	1.5	0.00498	0.028	0.014	0.013	0.043	0.02									
<p>Similar as described from 182.67-186.5m but has slightly higher plagioclase content locally. Unit contains 10-50cm bands of amphibole-rich/plagioclase poor rock and appears varitextured. 1-5cm quartz-carbonate veins ~60 DTCA locally associated with 0.01% Cpy. Lower contact is sharp ~45 DTCA.</p> <p>Mineralization 187.0-200.0: 0.01% fracture controlled Cpy and quartz-vein hosted Cpy</p> <p>Structure 191.5-191.55: Veins; 5cm wide quartz vein ~60 DTCA with 0.01% Cpy</p>																					
196.98	197.32	QV - Quartz vein	S00430261	196.98	197.32	0.34	0.00222	0.2454	0.0064	0.017	0.015	0.005									
<p>Quartz vein. Light grey to white, massive quartz vein with ~1-2% Cpy along upper margin of vein. Lower contact is sharp ~40 DTCA.</p> <p>Mineralization 187.0-200.0: 0.01% fracture controlled Cpy and quartz-vein hosted Cpy</p> <p>Structure 196.98-197.32: Veins; ~30cm wide quartz vein ~40-45 DTCA with 1-2% Cpy</p>																					
197.32	200.99	3A - Nipissing gabbro	S00430262	197.32	198.0	0.68	0.00527	0.0857	0.0138	0.03	0.064	0.02									
<p>Similar to as described from 186.5-196.98m. 0.01% disseminated to vein hosted Cpy occurs dominantly along upper contact associated with quartz veining. 1-5cm quartz veining occurs ~20-35 DTCA.</p> <p>S00430263 198.0 199.4 1.4 0.00513 0.0261 0.0137 0.007 0.031 0.02</p> <p>Mineralization 187.0-200.0: 0.01% fracture controlled Cpy and quartz-vein hosted Cpy</p> <p>Structure 200.4-200.41: Veins; 1cm quartz vein ~20 DTCA 200.65-200.75: Veins; ~10cm wide quartz breccia vein ~35 DTCA</p>																					
200.99	201		End of hole at 201m.																		

Project: Project		Hole Number: MMC-21-16					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: May-05-2021	Drilling Started: May-04-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: May-10-2021	Drilling Completed: May-09-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 350	Logged By: G.Hamilton and C.Caskenette	Drilling Contractor: Gyllis	Easting:	436072		
Casing: Mt	Actual Depth: 309			Northing:	5133397		
Elevation: 317							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	6	OB - Overburden 6m of casing										
6	9.75	1A - Quartzite Quartzite with interbedded silt layers. Dark grey, well bedded, consists dominantly of sub-cm to cm-scale beds of quartz-rich material interbedded with dark brown, biotite-rich beds; presumably siltstone beds. Bedding occurs ~45 DTCA. Lower contact is brecciated with underlying QD unit.										
Structure												
7.0-9.0												
9.75	10.42	4D - Biotite quartz diorite Quartz diorite. Dark grey-black, fine grained, weakly-moderately foliated, non magnetic. Consists of ~40% amphibole, ~30% plagioclase, 20% biotite, and 10% quartz. 1-2mm blue quartz phenocrysts and whiteish plagioclase phenocrysts occur within a dark, fine-grained groundmass of amphibole-biotite. Unit is cut by sub-cm-scale quartz veinlets ~20 DTCA. No observed mineralization. Foliation occurs ~35 DTCA. Lower contact is sharp ~25 DTCA.										
Structure												
10.0-10.1: Foliation												
10.42	10.76	SHR - Shearzone Sheared Quartz diorite. Dark grey-black, strongly foliated zone. Foliation occurs ~25 DTCA. Weak pervasive chlorite alteration and weak disseminated leucoxene alteration. 1-2% quartz-carbonate fracture-fill along foliation. 0.01% disseminated Po. Lower contact is sharp ~25 DTCA.										
Alteration												
10.42-10.76: Moderate, pervasive chlorite in shear												
Structure												
10.42-10.76: Shear; see major litho												

Project:	Project	Hole Number: MMC-21-16
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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10.76 11.88 4D - Biotite quartz diorite
 Similar as described from 9.75-10.42m. Lower contact is sharp ~55 DTCA.

Structure

11.5-11.55: Foliation
 11.87-11.88

11.88 13.49 1A - Quartzite
 Similar to that described from 6-9.75m. Unit is not as well bedded and displays weak foliation ~45 DTCA. Lower contact is brecciated.

13.49 15.27 QV - Quartz vein
 Quartz breccia vein. Light grey to white quartz breccia with cm-scale, angular-subangular, brown-pinkish metasedimentary fragments. fracture-filling chlorite occurs throughout; possible potassic alteration of sed fragments. Lower contact is obscured by rubbly core.

Alteration

13.79-14.8: Weak-moderate potassic alteration of sediment fragments with quartz vein

Structure

13.49-15.27: Veins; see major litho

15.27 25.25 1A - Quartzite
 Quartzite. Medium brown quartzite, weakly foliated/bedded. Foliation ranges from 35-45 DTCA. Contains 10-30cm intercalations of quartz-diorite. Quartz-diorite intrusions display moderate disseminated leucoxene alteration. 0.01% disseminated to fracture-filling Po. 1-4cm quartz veining cuts unit at ~45 DTCA. Lower contact is sharp ~30 DTCA.

Mineralization

16.55-16.9: 0.01% Po in quartz veins ~45 DTCA
 20.7-25.25: 0.01% disseminated to micro fracture-fill Po

Alteration

20.1-25.25: Moderate-strong silicification of metaseds

Structure

15.6-15.65: Veins; 4cm wide quartz vein ~45 DTCA
 16.85-16.88: Veins; 3cm wide quartz vein ~45 DTCA
 18.45-18.5: Foliation
 25.24-25.25

Project:	Project	Hole Number: MMC-21-16
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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25.25 29.48 4D - Biotite quartz diorite

Similar as described from 9.75-10.42m. Unit contains ~20% subangular quartzite fragments. Interval displays moderate, pervasive leucoxene alteration - appears as fine, wispy disseminations of grey mineral throughout. 0.01% fracture-filling Po locally. Lower contact is sharp ~15 DTCA.

Alteration

25.25-29.48: Moderate, pervasive leucoxene alteration of QD and moderate-strong silicification of metased frags

Structure

25.64-25.65: Foliation

29.48 30.2 QV - Quartz vein

Quartz breccia vein. Light grey to white chaotic quartz breccia vein abundant pink-brown metased fragments. Vein also contains chlorite and leucoxene. 0.01% Po. Lower contact is brecciated.

Mineralization

30.08-30.2: 0.01% Po in quartz breccia vein

Alteration

29.48-30.2: Weak-moderate potassic alteration of wall rock fragments within quartz vein

Structure

29.48-30.2: Veins; see major litho

Project:		Project	Hole Number: MMC-21-16									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
30.2	51.84	PSEU - Pseudotachylite	S00430264	33.6	35.09	1.49	0.00515	0.0182	0.0114	0.006	0.017	0.005
Polyolithic magmatic Breccia. Dark brown-grey, fine-grained matrix (~40-50%) with 0.1-20cm wall rock fragments. Fine grained nature of the matrix makes mineralogical identification difficult - appears to be dominated by amphibole/biotite (>80%) with lesser plagioclase (<20%); observed quartz appears to be associated with fragments. Weak-moderate, pervasive leucoxene with weak, pervasive chloritization of matrix. Contains subrounded metased fragments and gabbroic fragments. Gabbroic fragments are equigranular with 30-40% interstitial plagioclase (Nipissing(?)). Fragments are stretched along a dominant foliation ~35 DTCA. 0.01% foliation controlled to disseminated Po-Cpy+/-Pn occurs throughout; Po-Cpy also occurs disseminated within fragments.			S00430265	35.09	36.59	1.5	0.00406	0.0379	0.0187	0.008	0.018	0.02
			S00430266	36.59	37.17	0.58	0.00574	0.074	0.0591	0.039	0.069	0.07
			S00430267	37.17	38.65	1.48	0.00702	0.0491	0.0633	0.031	0.065	0.04
			S00430268	38.65	40.02	1.37	0.00562	0.0171	0.0158	0.0025	0.015	0.02
			S00430269	40.02	41.48	1.46	0.00507	0.0088	0.0081	0.0025	0.0025	0.005
Mineralization			S00430271	41.48	42.98	1.5	0.00515	0.007	0.0065	0.0025	0.0025	0.005
30.2-36.65: 0.1% foliation controlled Po-Cpy in magmatic breccia; locally up to 0.5-1.0%			S00430272	42.98	44.45	1.47	0.00537	0.0095	0.0059	0.0025	0.0025	0.005
36.65-36.85: ~5-8% disseminated to blebby Po with minor Cpy			S00430273	44.45	45.74	1.29	0.00556	0.0147	0.0077	0.0025	0.0025	0.005
36.85-39.1: 0.01% disseminated Po-Cpy			S00430274	45.74	47.05	1.31	0.00933	0.0519	0.0524	0.017	0.049	0.05
45.7-48.5: 0.01% foliation controlled to disseminated Po-Cpy			S00430275	47.05	48.5	1.45	0.00728	0.0842	0.0681	0.036	0.074	0.07
48.5-59.35: ~0.5% foliation controlled to disseminated Po-Cpy+/-Pn with ~0.1% Cpy-Po hosted in quartz veins ~30-45 DTCA			S00430276	48.5	49.95	1.45	0.0207	0.3018	0.3158	0.139	0.272	0.18
Alteration			S00430277	49.95	51.0	1.05	0.0157	0.2342	0.2269	0.113	0.216	0.26
30.2-59.0: Weak, pervasive chlorite alteration and weak, patchy leucoxene alteration.			S00430278	51.0	51.84	0.84	0.0193	0.3544	0.3057	0.15	0.312	0.23
Structure												
35.25-35.3: Foliation												
46.6-47.1: Foliation												
48.23-48.5: Foliation												
51.84	51.9	FLT - Fault	S00430279	51.84	53.14	1.3	0.0148	0.2045	0.2084	0.128	0.229	0.26
Fault. 5-6cm broken zone with 0.5cm muddy gouge along lower contact ~55 DTCA. Estimated fault plane orientation between 50-70 DTCA.												
Mineralization												
48.5-59.35: ~0.5% foliation controlled to disseminated Po-Cpy+/-Pn with ~0.1% Cpy-Po hosted in quartz veins ~30-45 DTCA												
Alteration												
30.2-59.0: Weak, pervasive chlorite alteration and weak, patchy leucoxene alteration.												
Structure												
51.84-51.9: Fault; see major litho												

Project:		Hole Number: MMC-21-16										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
51.9	59	PSEU - Pseudotachylite	S00430279	51.84	53.14	1.3	0.0148	0.2045	0.2084	0.128	0.229	0.26
Same unit as described from 30.2-51.84m. Lower contact is gradational marked by the disappearance of gabbroic fragments.			S00430281	53.14	54.56	1.42	0.0137	0.2998	0.1488	0.085	0.165	0.2
Mineralization			S00430282	54.56	56.0	1.44	0.017	0.3085	0.2631	0.147	0.33	0.25
48.5-59.35: ~0.5% foliation controlled to disseminated Po-Cpy+/-Pn with ~0.1% Cpy-Po hosted in quartz veins ~30-45 DTCA			S00430283	56.0	57.0	1	0.0118	0.2177	0.1614	0.132	0.323	1.17
Alteration			S00430284	57.0	58.05	1.05	0.00586	0.1098	0.0276	0.015	0.034	0.02
30.2-59.0: Weak, pervasive chlorite alteration and weak, patchy leucoxene alteration.			S00430285	58.05	59.01	0.96	0.0144	0.3694	0.2461	0.159	0.304	0.29
Structure												
54.0-57.0: Foliation												
58.41-58.46: Veins; ~5cm wide quartz-carbonate vein ~30 DTCA with ~2% Cpy												
58.9-58.97: Veins; 5-7cm wide quartz vein ~45 DTCA with 5-8% Cpy												

Project: Project			Hole Number: MMC-21-16									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
59	90		S00430285	58.05	59.01	0.96	0.0144	0.3694	0.2461	0.159	0.304	0.29
		<p>Melagabbro. Dark grey, fine-medium grained, non magnetic amphibole-rich gabbro. Consists of 85-90% prismatic-lath-shaped amphibole-biotite with 10-15% interstitial plagioclase. Massive to weakly foliated; foliation ranges from 20-30 DTCA. Weak-moderate, patchy leucoxene alteration and weak, patchy to fracture-filling chlorite occurs throughout. Disseminated to locally blebby Po-Cpy occurs ~1-2% over the length of the unit but occurs 5-10% @ 59.35-62m, 63.9-64.7m, 74.17-78.82m. Quartz+-carbonate veins cut the unit ~30-55 DTCA, locally hosting up to 5% Cpy. Lower contact is gradational marked by increased plagioclase content.</p> <p>Mineralization 48.5-59.35: ~0.5% foliation controlled to disseminated Po-Cpy+/-Pn with ~0.1% Cpy-Po hosted in quartz veins ~30-45 DTCA 59.35-62.0: ~2-3% disseminated Po and ~2-3% disseminated Cpy 62.0-63.9: 0.01% disseminated to micro fracture-fill Po-Cpy 63.9-64.7: ~2-3% disseminated Cpy and 1-2% disseminated Po 64.7-68.3: 0.01% disseminated Po-Cpy 68.3-74.17: 0.5-1.0% disseminated Po-Cpy 74.17-79.42: 3-5% disseminated Po and 3-5% disseminated Cpy 79.42-93.5: 0.01% disseminated Po-Cpy</p> <p>Alteration 59.0-105.2: Weak, patchy to fracture-fill chlorite</p> <p>Structure 64.5-64.52: Veins; 2cm wide quartz-carbonate vein ~55 DTCA 68.2-68.8: Foliation; narrow foliated zone, foliation is moderately developed; possible weak shear(?) 81.4-81.43: Veins; 2-3cm multi-generational, crack-seal quartz-carbonate-chlorite vein, contains chloritic laminae oriented parallel to vein wall ~55 DTCA 81.75-81.77: Veins; 1-2cm quartz-carbonate vein ~35 DTCA</p>	S00430286	59.01	59.36	0.35	0.0111	0.242	0.1313	0.096	0.199	0.17
			S00430287	59.36	60.64	1.28	0.0284	0.6165	0.5351	0.297	0.641	0.54
			S00430288	60.64	62.0	1.36	0.0175	0.375	0.3165	0.213	0.448	0.33
			S00430289	62.0	63.0	1	0.00703	0.0979	0.0367	0.027	0.087	0.04
			S00430291	63.0	63.9	0.9	0.00568	0.0332	0.0287	0.018	0.054	0.04
			S00430292	63.9	64.7	0.8	0.0155	0.3409	0.2967	0.211	0.421	0.3
			S00430293	64.7	66.17	1.47	0.00584	0.024	0.0197	0.014	0.047	0.02
			S00430294	66.17	67.1	0.93	0.00525	0.0333	0.0149	0.01	0.047	0.02
			S00430295	67.1	68.3	1.2	0.00598	0.0579	0.0204	0.016	0.054	0.02
			S00430296	68.3	69.54	1.24	0.0209	0.234	0.3069	0.178	0.414	0.28
			S00430297	69.54	70.9	1.36	0.00781	0.104	0.0638	0.037	0.089	0.06
			S00430298	70.9	72.4	1.5	0.0115	0.1567	0.1584	0.079	0.186	0.17
			S00430299	72.4	73.45	1.05	0.0064	0.057	0.033	0.019	0.064	0.04
			S00430301	73.45	74.17	0.72	0.00663	0.0313	0.0294	0.014	0.05	0.03
		S00430302	74.17	75.32	1.15	0.0244	0.5552	0.4598	0.231	0.542	0.51	
		S00430303	75.32	76.82	1.5	0.0251	0.5508	0.4592	0.248	0.599	0.5	
		S00430304	76.82	78.3	1.48	0.0227	0.5999	0.4881	0.274	0.63	0.41	
		S00430305	78.3	79.42	1.12	0.0138	0.3149	0.2405	0.15	0.363	0.33	
		S00430306	79.42	80.89	1.47	0.00563	0.0308	0.0272	0.019	0.055	0.03	
		S00430307	80.89	82.39	1.5	0.00542	0.0222	0.0214	0.014	0.045	0.03	
		S00430308	82.39	83.89	1.5	0.0063	0.0797	0.0337	0.022	0.08	0.05	
		S00430309	83.89	85.2	1.31	0.00552	0.0254	0.0146	0.007	0.04	0.02	
		S00430311	85.2	86.67	1.47	0.00584	0.0261	0.0171	0.006	0.046	0.02	
		S00430312	86.67	88.16	1.49	0.00556	0.0368	0.0175	0.008	0.055	0.02	
		S00430313	88.16	89.3	1.14	0.00579	0.0426	0.015	0.008	0.041	0.02	
		S00430314	89.3	90.0	0.7	0.00544	0.0273	0.0132	0.0025	0.038	0.01	

Project:		Hole Number: MMC-21-16										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
90	105.2	3A - Nipissing gabbro	S00430315	90.0	91.41	1.41	0.0058	0.0827	0.0233	0.013	0.036	0.02
Gabbro. Dark grey, medium grained, equigranular, massive, non magnetic gabbro. Consists of 70-80% prismatic-lath shaped amphibole and 20-30% interstitial plagioclase. Increased plagioclase content of unit creates more interstitial connectivity of plagioclase. Weak, patchy to fracture-filling chlorite occurs throughout and weak, patchy hematization of plagioclase. Overall unit contains 0.01% Po-Cpy dominantly associated with quartz veins (locally up to 5% in veins), and localized disseminations. 0.2-3cm quartz veins occur ~55-75 DTCA.			S00430316	93.77	94.81	1.04	0.00542	0.0656	0.0164	0.009	0.029	0.01
			S00430317	94.81	96.0	1.19	0.00508	0.0366	0.0125	0.008	0.025	0.01
			S00430318	96.0	97.5	1.5	0.00523	0.066	0.0138	0.008	0.031	0.02
Mineralization												
79.42-93.5: 0.01% disseminated Po-Cpy												
93.5-97.5: ~0.01% quartz vein hosted Po-Cpy ~55-75 DTCA and 0.01% disseminated Po-Cpy												
97.5-99.5: 0.01% disseminated Po-Cpy												
Alteration												
59.0-105.2: Weak, patchy to fracture-fill chlorite												
Structure												
94.47-94.48: Veins; 1cm quartz-carbonate vein ~ 45 DTCA with 1-2% Po-Cpy												
94.58-94.59: Veins; 1cm quartz-carbonate vein ~55 DTCA with a large bleb of Cpy ~5%												
95.85-95.86: Veins; 1-2cm quartz-carbonate vein ~70 DTCA with 3-5% Cpy												
97.45-97.46: Veins; 1cm quartz-carbonate vein ~75 DTCA with 3-5% Cpy												
105.2	119.36	3A - Nipissing gabbro	S00430319	109.14	109.98	0.84	0.00518	0.0143	0.0113	0.0025	0.009	0.005
Gabbro. Dark grey, medium grained, non magnetic, locally equigranular. Consisting of 60-70% amphibole, 20-30% interstitial plagioclase. Plagioclase content decreases between 108m-110.5m, and increases after this point to roughly 30%. Small mm scale wispy, green chloritic veins. Cpy massive mineralization along a 0.5cm quartz vein.			S00430321	109.98	111.58	1.6	0.00517	0.0162	0.0111	0.0025	0.015	0.005
			S00430322	111.58	111.97	0.39	0.00702	0.1552	0.0136	0.007	0.028	0.005
			S00430323	111.97	113.19	1.22	0.0053	0.0367	0.0116	0.0025	0.009	0.005
			S00430324	113.19	119.36	6.17	0.00516	0.0094	0.0113	0.0025	0.017	0.005
Mineralization												
105.6-105.65: 0.01% disseminated Po												
109.28-110.0: 0.1% cpy with little po along fractures												
111.3-111.82: 0.5-1% cpy po along fracture faces with small disseminated sections between the fractures												
113.52-113.77: 0.1% cpy with trace po along mm scale quartz carbonate veins, ~ 7 veins across the zone												
118.6-118.67: 0.1% Po hosted along qtz-carbonate veins												
Alteration												
117.0-117.75: Weak to moderate hematite alteration of plagioclase												
Structure												
107.36-107.37: Veins; 1cm quartz-carbonate vein ~ 60DTCA												
117.58-117.59: Veins; 0.5-1cm quartz carbonate vein, no mineralization, ~perpendicular TCA												

Project:		Project										
		Hole Number: MMC-21-16										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
119.36	126.82	3F - Pyroxenite	S00430325	119.36	120.77	1.41	0.00506	0.0071	0.0113	0.0025	0.022	0.02
Dark grey, fine to medium grained, 70-80% amphibole, 10-15% plagioclase, 5% blue quartz. Plagioclase is pink in colour showing hematite alteration. 0.5mm scale quartz veins until 121m. Wispy chloritic veining pervasive throughout the unit. Lower contact is gradational, marked by a decrease in plag.			S00430326	120.77	122.0	1.23	0.00492	0.0106	0.011	0.0025	0.017	0.005
Mineralization												
121.52-121.53: 0.1% cpy hosted in a qtz-carb vein, surroundings have not trickle over mineralization												
Alteration												
120.14-122.4: grey carbonate banding/ veins, weak to moderate intensity, 4 veins per 10cm up to 6 per 10cm												
124.4-125.2: weak, patchy to fracture fill chlorite												
Structure												
121.45-122.7: Foliation; weakly foliated zone, 30-45 DTCA												
126.82	129.34	3A - Nipissing gabbro	S00430327	126.82	127.21	0.39	0.006	0.4663	0.0142	0.01	0.026	0.01
Gabbro. Dark grey/green, 70-80% amphibole, localized >30% plag, consistently >20% plag. The plagioclase is not evenly distributed over the unit and frequently seen in localized clusters. 3cm quartz vein hosting cpy and po at <1% for the unit, however over a 10cm section the mineralization is 5-7% total. Chloritic veining on mm scale are seen throughout. Similar to pervious gabbro unit at 105.2m-119.36m, but with more chloritic veining.			S00430328	127.21	128.34	1.13	0.005	0.0109	0.011	0.0025	0.031	0.01
Mineralization												
127.96-127.99: 1-2% total sulfides, cpy 0.5-1%, po 0.01-.05%, both hosted in quartz vein												
Alteration												
127.44-131.85: weak, wispy chlorite, few areas of chlortie up to 1cm wide												
Structure												
126.96-126.99: Veins; 3cm clear/blue quartz vein hosting blebby to disseminated sufildes, Cpy>Po, the vein contains ~20%, overall 1% total, 70 DTCA												
128.34-129.1: Foliation; weakly foliated zone, 20 DTCA												
129.34	130.51	3F - Pyroxenite										
Similar to unit at 119.36m-126.82m. Dark grey, medium to fine grained, 75-85% amphibole, 15-20% plagioclase, 5% biotite. Lower contact is marked by a sudden increase in plag content after a chlorite vein.												
Alteration												
127.44-131.85: weak, wispy chlorite, few areas of chlortie up to 1cm wide												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
130.51	135	3A - Nipissing gabbro	S00430329	132.0	132.53	0.53	0.00455	0.02	0.0144	0.006	0.008	0.005
<p>Gabbro. Similar to previous gabbro at 126.82m-129.34m. Dark grey green, medium grained, 60-70% amphibole, 20-30% plagioclase, <5% quartz. Pods of hematite altered plag. Main difference between the other units is a 4cm quartz vein hosting trace cpy, and localized Po veining with associated cpy. Mineralization follows qtz-carbonate stringers with local disseminations around the veins. Po is found disseminated while cpy is only found connected to the vein/stringer structures. For the unit Po 2%, locally 3-5%. Cpy is up to 1%.</p>												
S00430331	132.53	133.58	1.05	0.00507	0.0093	0.012	0.0025	0.008	0.005			
S00430332	133.58	134.33	0.75	0.0113	0.0668	0.0339	0.014	0.009	0.005			
S00430333	134.33	135.0	0.67	0.00489	0.0083	0.0121	0.0025	0.008	0.005			

Mineralization

132.29-132.35: trace speckled cpy hosted in a 6cm wide quartz vein
 133.58-134.1: 1% disseminated and vein hosted po cpy. Most of cpy is hosted around qtz carb stringers while po is more disseminated and in thicker ~1cm veins. Po ~0.5-1%, cpy ~0.5%

Alteration

127.44-131.85: weak, wispy chlorite, few areas of chlortie up to 1cm wide
 132.29-132.34: Strong quartz vein, white/grey in colour, small bleb of pink (mm scale only)
 133.1-136.49: weak, carbonate stringers, 4-5 stringers per 10cm

Structure

132.29-132.34: Veins; 4.5cm wide clear/white quartz vein, trace cpy and po along the margin of the vein. Po stringer cross cuts the vein (<2mm)
 134.54-135.47: Foliation; weakly foliated fabric, 55 DTCA

135 135.97 3F - Pyroxenite

Dark grey green, medium to fine grained, 70-80% amphibole, 20-30% plagioclase. Plag found in small pod that are altered pink. 0.5cm quartz carbonate veining with an "alteration zone" 1cm past the vein. Frequent small chloritic and quartz carbonate stringers.

Alteration

133.1-136.49: weak, carbonate stringers, 4-5 stringers per 10cm

Structure

134.54-135.47: Foliation; weakly foliated fabric, 55 DTCA
 135.75-135.79: Veins; 1cm quartz breccia vein, with alteration halo of bleaching, vein 60 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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135.97 165.75 3A - Nipissing gabbro

Dark green grey, medium to fine grained, 60-70% amphibole, 30% plagioclase, 5% mafic grains (fine grained, black, often associated around pods of high plag concentrations). Plagioclase content is slightly variable throughout unit (15-30%). Chlorite alteration is weak and patchy. Hematite alteration on pods of plag, not consistent throughout the unit. 3cm quartz vein with chlorite surrounding edges for up to 5cm. Frequent wispy Qtz-carbonate and chlorite veining on mm scale ~30-60 DTCA. Quartz-carbonate veining displays cm-scale bleached alteration halos locally. 0.01% disseminated Po-Cpy. Lower contact marked by the sudden lack of plag content after chlorite veins

Mineralization

157.0-164.0: 0.01% Po-Cpy associated with sub-cm quartz-carbonate veinlets 50-60 DTCA

Alteration

133.1-136.49: weak, carbonate stringers, 4-5 stringers per 10cm

136.49-136.57: White/clear quartz vein with pervasive chlorite shadowing

136.8-138.7: weak hematite alteration of plagioclase

139.45-139.91: moderate wispy chlorite stringers, up to 8 per 10cm

150.0-165.75: weak, patchy chlorite alteration

Structure

136.47-136.57: Veins; White/ grey quartz vein 4cm wide with chlorite alteration shadows on either side of the vein, 50-60 DTCA depending on what edge of the vein

138.22-138.33: Veins; 1cm white grey deformed quartz vein along fabric plains. Bleb of pink/orange alteration on mm scale. 65 DTCA

138.69-138.7: Veins; 1cm wispy grey blue quartz carbonate vein, 60 DTCA

139.47-139.84: Foliation; zone of weak to weakly moderate foliation, DTCA of 40

165.75 166.73 Structural breccia - Generic for structure related breccias

Structural breccia; possible healed fault structure. Healed fault breccia occurs 166.15-165.6m. Estimated orientation ~60 DTCA. Zone of weak-moderate chlorite alteration and increased quartz-carbonate vein content (~5-10%). Lower contact is marked by decreased chlorite alteration and quartz-carbonate veining.

Alteration

165.75-166.73: Moderate, pervasive chlorite occurs associated with structural breccia and quartz-carbonate veining

Structure

165.75-166.73: breccia; see major litho

Project: Project			Hole Number: MMC-21-16									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
166.73	180.82	3A - Nipissing gabbro	S00430334	178.6	180.0	1.4	0.00472	0.0052	0.0242	0.0025	0.011	0.005
Similar to that described from 135.97-165.75m. Lower contact is sharp ~20 DTCA.			S00430335	180.0	180.82	0.82	0.00502	0.0139	0.0141	0.0025	0.011	0.005
Mineralization												
168.5-180.82: 0.01% Po-Cpy associated with sub-cm to cm-scale quartz-carbonate veinlets 30-60 DTCA												
Alteration												
166.73-180.82: weak, patchy chlorite alteration												
Structure												
173.28-173.38: Veins; 10cm wide quartz-carbonate vein ~30 DTCA												
180.81-180.82												
180.82	192.35	PSEU - Pseudotachylite	S00430336	180.82	182.16	1.34	0.00607	0.0339	0.0185	0.0025	0.019	0.01
Magmatic breccia. Dark grey-green, non magnetic with very fine to fine grained matrix and subrounded clasts (~50-60%) of gabbro described above. Weak, pervasive chlorite and leucoxene alteration of matrix. Quartz-carbonate veining occurs 0.1-10cm wide ~50-60 DTCA. Finely disseminated Po occurs ~0.25% throughout unit, locally up to 1% at the m-scale; sulphides occur disseminated within breccia matrix but also occur disseminated within gabbro fragments. Po-Cpy also occurs hosted in cm-scale quartz veins ~0.01%. Zone of 5-8% disseminated Po-Cpy occurs @ 189.53-189.8. Lower contact is sharp ~35 DTCA.			S00430337	182.16	183.45	1.29	0.0066	0.0268	0.0201	0.0025	0.024	0.02
			S00430338	183.45	183.96	0.51	0.00756	0.0444	0.0229	0.0025	0.028	0.02
			S00430339	183.96	185.45	1.49	0.00588	0.02	0.0115	0.0025	0.01	0.005
			S00430341	185.45	186.95	1.5	0.00511	0.0111	0.0078	0.0025	0.0025	0.005
			S00430342	186.95	187.54	0.59	0.00526	0.0244	0.0143	0.0025	0.015	0.01
			S00430343	187.54	188.02	0.48	0.0035	0.0419	0.0077	0.0025	0.0025	0.005
			S00430344	188.02	189.5	1.48	0.00546	0.0216	0.018	0.005	0.01	0.02
Mineralization												
180.82-189.5: Finely disseminated Po occurs within breccia matrix up to 1% with 0.1% quartz-carbonate vein-hosted Po-Cpy												
189.5-189.8: 3-4% disseminated Po and 1-2% disseminated Cpy												
Alteration												
180.82-192.35: Weak, pervasive chlorite and leucoxene alteration dominantly within breccia matrix.												
Structure												
187.68-187.72: Veins; 4cm wide quartz-carbonate vein ~55 DTCA												
192.35	192.85	QV - Quartz vein										
Quartz-chlorite breccia vein. Light-medium, smoky-grey quartz-chlorite vein with no visible sulphides. Vein has odd, mottled texture and contains cm-scale, angular wall rock fragments. Vein is oriented ~25-40 DTCA. Lower contact is sharp ~40 DTCA.												
Structure												
192.35-192.85: Veins; see major litho												
192.85	195.22	PSEU - Pseudotachylite	S00430347	193.85	195.23	1.38	0.00467	0.01	0.0112	0.0025	0.008	0.005
Same unit as described from 180.82-192.35m. Lower contact is sharp ~25 DTCA.												
Alteration												
192.85-195.22: Weak, pervasive chlorite and leucoxene alteration dominantly within breccia matrix.												

Project:		Project											Hole Number: MMC-21-16					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)						
195.22	195.65	QV - Quartz vein	S00430347	193.85	195.23	1.38	0.00467	0.01	0.0112	0.0025	0.008	0.005						
Similar to that described from 192.35-192.85m. 0.5% Cpy occurs disseminated within wall rock fragments with lesser in vein quartz. Vein orientation is ~10-25 DTCA. Quartz vein is crosscut orthogonally ~35 DTCA by later-stage chlorite vein. Lower contact is sharp ~10 DTCA.			S00430348	195.23	195.75	0.52	0.00552	0.0672	0.0108	0.006	0.0025	0.005						
Mineralization			195.22-195.65: 0.5% Cpy-Po within ~40cm wide quartz vein ~10-25 DTCA															
Structure			195.22-195.65: Veins; see major litho															
195.65	208.71	PSEU - Pseudotachylite	S00430348	195.23	195.75	0.52	0.00552	0.0672	0.0108	0.006	0.0025	0.005						
Same unit as described from 180.82-192.35m.			S00430349	195.75	197.21	1.46	0.00518	0.0165	0.0128	0.0025	0.026	0.03						
Mineralization			S00430351	201.0	202.39	1.39	0.00507	0.0124	0.0051	0.0025	0.0025	0.005						
202.4-206.0: 0.25-0.5% disseminated Po-Cpy; occurs disseminated within breccia matrix but also occurs within gabbro fragments			S00430352	202.39	203.77	1.38	0.00812	0.1052	0.0764	0.054	0.11	0.09						
208.7-209.15: ~2-3% disseminated Po-Cpy			S00430353	203.77	204.95	1.18	0.00523	0.0305	0.0253	0.081	0.034	0.02						
Alteration			S00430354	204.95	205.71	0.76	0.00581	0.0283	0.0363	0.026	0.05	0.04						
195.65-208.71: Weak, pervasive chlorite and leucoxene alteration dominantly within breccia matrix.			S00430355	205.71	207.0	1.29	0.00411	0.0067	0.0113	0.006	0.022	0.005						
Structure			S00430356	207.0	208.38	1.38	0.004	0.0057	0.0134	0.0025	0.005	0.005						
196.61-196.71: Veins; 10cm wide quartz-carbonate vein ~50 DTCA with 0.5-2cm, subangular, chloritized wall rock fragments			S00430357	208.38	209.15	0.77	0.0161	0.3188	0.1959	0.175	0.319	0.25						

Project: Project	Hole Number: MMC-21-16
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
208.71	214.94	3A - Nipissing gabbro										
<p>Gabbro. Dark green-grey, medium grained, non magnetic, massive, equigranular. Consists of ~70% amphibole+/-biotite and ~30% plagioclase. Weak, pervasive chlorite alteration. Locally unit appears to have high plagioclase content; although this appears to be associated with patches containing quartz-carbonate veining and may be a result of bleaching, accentuating the feldspar content. Unit contains ~5% disseminated Po-Cpy between 210.4-210.8m; overall interval contains <0.5% Po-Cpy. Po-Cpy also occurs in quartz veining up to 15cm wide ~40 DTCA. Lower contact is sharp ~50 DTCA.</p>												
Mineralization												
208.7-209.15: ~2-3% disseminated Po-Cpy												
209.15-210.4: ~0.25-0.5% disseminated Po-Cpy												
210.4-210.83: 3-5% disseminated Po-Cpy												
210.83-210.98: ~8% quartz-carbonate vein-hosted Po-Cpy ~40 DTCA												
210.98-213.68: ~0.01% disseminated Po-Cpy and locally along fractures												
213.68-213.76: ~5% Cpy-Po in quartz-carbonate vein ~40 DTCA												
213.76-214.94: 0.01% disseminated Po-Cpy												
Alteration												
208.71-214.94: Weak, pervasive chlorite												
Structure												
210.83-210.98: Veins; 10-15cm wide quartz-carbonate vein ~40 DTCA with ~10% Po-Cpy												
213.68-213.76: Veins; 5-8cm wide quartz-carbonate vein ~40 DTCA with 5-8% Cpy+/-Po												
214.94	215.26	QV - Quartz vein										
<p>Quartz vein. Light grey-white, milky, fractured quartz vein with <5% chloritized wall rock septa. Vein is cut by fracture-fill carbonate. Lower contact is sharp ~60 DTCA.</p>												
Structure												
214.94-215.26: Veins; see major litho												

Project:		Hole Number: MMC-21-16										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
215.26	225.61	3A - Nipissing gabbro	S00430365	218.06	219.0	0.94	0.00529	0.0257	0.0213	0.027	0.072	0.05
Similar to that described from 208.71-214.94m. Plagioclase content appears variable associated with varitexture, as low as 10-15%; Grain size ranges from fine grained to medium grained. Unit has become weakly foliated ~60 DTCA, largely defined by alignment of fracture-filling carbonate stringers. Unit is cut by 0.5-8cm quartz-carbonate veins (+/- breccia fragments) ranging from 45-70 DTCA. Veins are Cpy-Po-bearing up to 2% locally. Lower contact with underlying quartz vein is irregular.			S00430366	219.0	219.58	0.58	0.00275	0.0503	0.006	0.008	0.016	0.01
			S00430367	219.58	220.58	1	0.00466	0.0172	0.0076	0.005	0.04	0.02
			S00430368	220.58	220.89	0.31	0.00405	0.0213	0.0085	0.019	0.028	0.02
Mineralization			S00430369	224.0	225.0	1	0.00464	0.0456	0.0089	0.014	0.037	0.02
219.05-219.45: ~0.01% Cpy-Po in quartz-carbonate vein ~55-70 DTCA			S00430371	225.0	225.65	0.65	0.00404	0.069	0.0115	0.063	0.109	0.03
220.69-220.75: ~0.1% Cpy-Po in quartz-carbonate vein ~45 DTCA												
224.0-225.0: 0.01% disseminated Po-Cpy												
Alteration												
215.26-225.61: Weak, pervasive chlorite												
Structure												
219.05-219.11: Veins; 5cm wide quartz-carbonate vein ~55 DTCA with 0.1% Cpy												
219.17-219.26: Veins; 9cm wide quartz-carbonate vein ~70 DTCA with 0.01% Cpy												
219.38-219.45: Veins; 7cm wide quartz-carbonate vein ~60 DTCA												
219.6-220.5: Foliation												
220.69-220.75: Veins; 5cm wide quartz-carbonate vein ~45 DTCA with 0.1% Cpy-Po												
221.74-221.78; 3-4cm wide quartz-carbonate-muscovite vein ~45 DTCA												
225.61	226.05	QV - Quartz vein	S00430371	225.0	225.65	0.65	0.00404	0.069	0.0115	0.063	0.109	0.03
Similar to that described from 214.94-215.26m. Lower contact is sharp ~90 DTCA.			S00430372	225.65	227.09	1.44	0.00331	0.0309	0.0104	0.011	0.027	0.02
Alteration												
226.04-227.09: Weak-moderate, pervasive chlorite associated with shearing												
Structure												
225.61-226.04; 40cm wide quartz-carbonate vein												

Project: Project		Hole Number: MMC-21-16
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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226.05	227.09	SHR - Shearzone	S00430372	225.65	227.09	1.44	0.00331	0.0309	0.0104	0.011	0.027	0.02
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Sheared Gabbro. Interval is fine-grained with moderately developed foliation ~40-50 DTCA. Weak-moderate, pervasive chlorite alteration. Unit is cut by 0.1-5cm quartz-carbonate veins ~40-50 DTCA. 0.01% quartz-carbonate vein hosted Cpy-Po. Lower contact is obscured by broken core ~90 DTCA.

Mineralization

226.7-227.09: 0.01% quartz-carbonate vein-hosted Po-Cpy

Alteration

226.04-227.09: Weak-moderate, pervasive chlorite associated with shearing

Structure

226.18-226.22: 3cm wide quartz vein ~50 DTCA

226.22-227.09: Foliation; see major litho

227.09	227.32	QV - Quartz vein										
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Laminated quartz vein. Medium grey to white, fractured and laminated, crack-seal quartz vein. Contains elongate, chloritized wall rock fragments ~50 DTCA. Cpy occurs ~0.5% disseminated along wall rock septa. Vein is being crosscut by a later-stage, carbonate-rich breccia vein ~ 55 DTCA (possibly fault-fill vein). Lower contact is obscured by broken core ~90 DTCA.

Structure

227.09-228.77: Veins; see major litho

227.32	227.35	FLT - Fault										
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Possible fault. ~1cm wide zone of clay-rich gouge and minor broken core (~5cm). Occurs along the margin of a carbonate-quartz breccia vein, possibly a fault-fill vein ~55 DTCA. Lower contact is obscured by broken core ~90 DTCA.

Structure

227.09-228.77: Veins; see major litho

227.35	228.77	QV - Quartz vein										
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Same vein as described from 227.09-227.32m. Vein is multi-generational showing two distinct stages of veining 1) Quartz-rich stage and 2) Carbonate-quartz stage, along with crack-seal texture. The crosscutting carbonate-rich vein contains angular cm-scale fragments of quartz and cuts the earlier quartz veining ~65 DTCA. 0.01% Po associated with veining. Veins also contain cm-scale chloritic knots. Lower contact is sharp ~60 DTCA.

Structure

227.09-228.77: Veins; see major litho

Project: Project	Hole Number: MMC-21-16
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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228.77 230.73 SHR - Shearzone

Similar to that described from 226.05-227.09m. Foliation is moderately-strongly developed ~60 DTCA. Carbonate-quartz veining (0.1-10cm) occurs along foliation, as well as perpendicular to foliation, where folding/disaggregation occurs. Lower contact is gradational marked by weakening of foliation.

Alteration

228.77-230.73: Weak-moderate, pervasive chlorite associated with shearing

Structure

228.77-230.0: Foliation; see major litho

230.0-230.73: Foliation

230.73 233.43 3F - Pyroxenite

Amphibole-rich gabbro. Dark grey-green, fine grained, non magnetic, weakly-moderately foliated. Consists of ~90% dark grey-green groundmass and 10% white foliated minerals - plagioclase. Unit is cut by 0.1-1cm deformed quartz-carbonate veinlets. Foliation ranges from 40-50 DTCA. Lower contact is sharp and irregular ~55 DTCA.

Alteration

230.73-233.0: Weak, pervasive chlorite

Structure

230.73-233.0: Foliation

233.43 235.97 PSEU - Pseudotachylite

Magmatic breccia. Dark grey, non magnetic, contains fragments of fine-grained, amphibole-rich, foliated gabbro and equigranular, massive gabbro; both described above. Unit also contains fragments of quartz veining. Fragments range from 1-100cm, fragments are subrounded and are contained within a medium green-grey, weakly foliated ~35 DTCA, fine-grained matrix (~25%). No observed mineralization. Lower contact is sharp ~55 DTCA.

Structure

233.45-233.46

234.9-235.0: Foliation

235.96-235.97

235.97 237.18 3A - Nipissing gabbro

Similar to that described from 208.71-214.94m. Lower contact is sharp ~65 DTCA

Structure

237.17-237.18

Project: Project			Hole Number: MMC-21-16									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
237.18	240.17	PSEU - Pseudotachylite Similar to that described from 233.43-235.97m. Contains ~10% breccia matrix. Unit is cut by ~5cm quartz-carbonate vein ~30 DTCA. Lower contact is sharp and veined with 1cm quartz-carbonate vein ~40 DTCA.										
Structure												
239.62-239.69: Veins; 5cm quartz-carbonate vein ~30 DTCA												
240.16-240.17												
240.17	245.97	3A - Nipissing gabbro Similar to that described from 208.71-214.94m. Lower contact is sharp ~55 DTCA										
Structure												
245.96-245.97												
245.97	250.67	PSEU - Pseudotachylite Similar to that described from 233.43-235.97m. Contains ~10% breccia matrix. Lower contact is sharp ~60 DTCA.										
Structure												
250.66-250.67												
250.67	253.05	3A - Nipissing gabbro Similar to that described from 208.71-214.94m. Lower contact is sharp ~50 DTCA										
Structure												
253.04-253.05												
253.05	254.8	PSEU - Pseudotachylite Similar to that described from 233.43-235.97m. Contains ~20% breccia matrix. Lower contact is sharp ~25 DTCA.										
Structure												
254.79-254.8												
254.8	264.85	3A - Nipissing gabbro Similar to that described from 208.71-214.94m. Unit has a slightly lighter green-grey colouration. 10-15cm quartz-carbonate vein ~30-35 DTCA with no observed mineralization @261.08-261.24m. Lower contact is sharp ~60 DTCA										
Mineralization												
262.0-262.5: 0.01% disseminated Po-Cpy												
Structure												
261.08-261.24: Veins; 10-15cm wide quartz-carbonate vein ~30-35 DTCA												

Project:		Project										Hole Number: MMC-21-16			
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
264.85	265.28	QV - Quartz vein													
<p>Quartz vein. Light grey-white to medium grey. Contains chloritic knots/patches throughout. No observed mineralization. Lower contact is sharp ~35 DTCA.</p> <p>Structure 264.85-265.28: Veins; see major litho</p>															
265.28	268.1	3A - Nipissing gabbro													
<p>Similar to that described from 254.8-264.85m. Unit is cut by 1-4cm quartz-carbonate veins ~35 DTCA. Lower contact is sharp ~55 DTCA.</p> <p>Structure 265.81-265.86: Veins; 5cm wide quartz-carbonate vein ~35 DTCA</p>															
268.1	268.41	QV - Quartz vein													
<p>Similar to that described from 264.85-265.28m. Contains large cm-scale chloritic knots and subangular wall rock fragments. Lower contact is sharp ~65 DTCA.</p> <p>Structure 268.1-268.41: Veins; see major litho</p>															
268.41	271.36	3A - Nipissing gabbro													
<p>Similar to that described from 254.8-264.85m. Lower contact is sharp ~50 DTCA.</p>															
271.36	271.58	QV - Quartz vein													
<p>Similar to that described from 264.85-265.28m. Contains cm-scale, chloritic laminae oriented ~40-50 DTCA. Lower contact is sharp ~50 DTCA</p> <p>Structure 271.36-271.58: Veins; see major litho</p>															
271.58	308.99	3A - Nipissing gabbro													
<p>Similar to that described from 254.8-264.85m. Interval is cut by <1%, 0.1-3cm quartz-carbonate veinlets ~40-60 DTCA with <0.01% Cpy-Po.</p> <p>Mineralization 282.18-282.25: 0.01% quartz-carbonate vein-hosted Cpy-Po 300.18-300.2: 0.01% quartz-carbonate vein-hosted Cpy</p> <p>Structure 282.18-282.25: Veins; 5cm wide quartz-carbonate vein ~40 DTCA with 0.01% Cpy-Po</p>															
308.99	309														
<p>EOH @ 309m</p>															

Project: Project		Hole Number: MMC-21-17					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: May-11-2021	Drilling Started: May-10-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: May-13-2021	Drilling Completed:	Grid:	NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 200	Logged By: G.Hamilton	Drilling Contractor: Gyllis	Easting:	436074		
Casing: Mt	Actual Depth: 150.48			Northing:	5133413		
				Elevation:	317		

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	4.5	OB - Overburden										
4.5	8.7	1A - Quartzite	S00430373	4.5	6.0	1.5	0.00085	0.0039	0.0017	0.006	0.0025	0.005
Quartzite. Light to dark grey, bedded ~30-40 DTCA. Consists of 80-90% quartz with the remainder feldspar and lesser biotite. 1-3mm, blue, rounded quartz grains occur throughout. 0.1-1cm quartz-carbonate veinlets occur ~30-45 DTCA. Disseminated and fracture-filling Po occurs ~0.5-1.0%. Lower contact is irregular.			S00430374	6.0	7.0	1	0.002	0.0086	0.0015	0.019	0.0025	0.005
			S00430375	7.0	8.5	1.5	0.00107	0.0029	0.0012	0.014	0.0025	0.005

Mineralization

5.4-7.0: Disseminated Po ~1-2%

Structure

6.0-8.0

8.7 11.78 4D - Biotite quartz diorite

Quartz-diorite. Dark grey, fine grained, non magnetic, weakly foliated ~40 DTCA, contains dark grey groundmass with 1-2mm, rounded, blue quartz eyes. Consists of ~50-60% amphibole, 15-20% feldspar, and, ~10-15% biotite, ~10% quartz. 0.01% disseminated Po. Minor rubby zone from 11-11.30m. Lower contact is gradational, marked by increased foliation intensity.

Structure

9.0-11.78: Foliation

11.78 12 SHR - Shearzone

Sheared Quartz diorite. Foliation is moderately developed ~35 DTCA. Shear is moderately chloritized and contains a 8cm wide quartzite fragment. Lower contact is sharp ~30 DTCA.

Alteration

11.78-12.0: weak-moderate chlorite alteration associated with shearing

Structure

11.78-12.0: Shear; see major litho

Project: Project	Hole Number: MMC-21-17
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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12 15.76 1A - Quartzite

Similar to that described from 4.5-8.7m. Interval is cut by 4-14cm white, massive quartz veins ranging from 25-40 DTCA. Lower contact is sharp ~25 DTCA

Structure

13.3-13.35: Veins; ~5 cm wide quartz vein ~25 DTCA

13.5-13.65: Veins; ~15 cm wide quartz vein ~40 DTCA

15.18-15.26: Veins; ~3-5cm wide quartz vein ~25 DTCA with ~3% Po

15.75-15.76

15.76 20.27 4D - Biotite quartz diorite

Similar to that described from 8.7-11.78m. Interval is slightly lighter shade of grey-green due to weak, pervasive chlorite alteration. Lower contact is obscured by broken core.

Alteration

15.76-20.27: weak, pervasive chlorite

Structure

18.53-18.66: Veins; ~10-15 cm wide quartz vein ~45 DTCA

20.27 20.46 FLT - Fault

Fault. ~10cm interval of cm-scale rock fragments with clay-rich gouge. Estimated orientation based on lower contact with underlying quartz vein is ~35 DTCA. Lower contact is sharp with chloritic slickenlines ~35 DTCA.

Structure

20.27-20.46: Fault; see major litho

20.46 21.03 QV - Quartz vein

Quartz Vein. Light grey-white, massive quartz vein. Occur in contact with fault and likely represents a fault-fill vein. Lower contact is sharp ~30 DTCA.

Structure

20.46-21.03: Veins; see major litho

21.03 23.23 1A - Quartzite

Similar to that described from 4.5-8.7m. Interval is cut by cm-scale intrusions of quartz diorite. Lower contact is sharp ~35 DTCA

Structure

23.22-23.23

Project: Project	Hole Number: MMC-21-17
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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23.23 24.3 4D - Biotite quartz diorite
 Similar to that described from 8.7-11.78m. Foliation occurs ~40 DTCA. Lower contact is irregular ~40 DTCA.

Structure

23.23-24.3: Foliation

24.3 28.52 1A - Quartzite
 Similar to that described from 4.5-8.7m. Lower contact is sharp ~40 DTCA

Structure

27.0-28.51
 28.51-28.52

28.52 30.41 4D - Biotite quartz diorite
 Similar to that described from 8.7-11.78m. Lower contact is irregular ~40 DTCA.

Structure

30.4-30.41

30.41 31.5 1A - Quartzite
 Fragmented Anorthosite (?). Light pinkish-grey, equigranular, crystalline, nonmagnetic. Consists on >90% plagioclase with lesser chlorite/amphibole disseminated throughout. Unit is cut by 1-2cm quartz veining ~30-40 DTCA. Lower contact is sharp 35 DTCA.

Structure

31.49-31.5

31.5 37.63 4D - Biotite quartz diorite
 Similar to that described from 8.7-11.78m. Chlorite alteration becomes weak-moderate around 34m. Contains subrounded, 5-30cm anorthositic fragments as described above. Anorthositic fragments locally contain up to 2-3% disseminated Po-Cpy. Lower contact is irregular.

Mineralization

33.3-33.4: Disseminated Po-Cpy ~2-3%
 34.1-34.2: Quartz-carbonate veinlet hosted Po-Cpy ~1%

Alteration

34.0-51.81: moderate, pervasive chlorite alteration

S00430376	31.5	33.0	1.5	0.00103	0.0014	0.0084	0.0025	0.0025	0.005
S00430377	33.0	33.76	0.76	0.00174	0.0073	0.019	0.0025	0.0025	0.005
S00430378	33.76	35.2	1.44	0.00123	0.0027	0.0062	0.0025	0.0025	0.005
S00430379	35.2	36.7	1.5	0.00159	0.0048	0.0119	0.0025	0.0025	0.005
S00430381	36.7	37.63	0.93	0.00089	0.0016	0.0107	0.0025	0.006	0.005

Project:		Project											Hole Number: MMC-21-17				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
37.63	38.03	1A - Quartzite	S00430382	37.63	38.03	0.4	0.0002	0.0009	0.0019	0.0025	0.0025	0.005					
Similar to that described from 30.41-31.5m. Lower contact is sharp ~35 DTCA.																	
Alteration																	
34.0-51.81: moderate, pervasive chlorite alteration																	
Structure																	
38.02-38.03																	
38.03	41	4D - Biotite quartz diorite	S00430383	38.03	39.0	0.97	0.00156	0.0013	0.0191	0.0025	0.0025	0.005					
Similar to that described from 8.7-11.78m. Contains 1-2% finely disseminated Po-Cpy from 39.86m-41m. Lower contact is gradational marked by increased foliation intensity and fining of groundmass.																	
S00430384 39.0 39.86 0.86 0.00123 0.0026 0.0081 0.0025 0.0025 0.005																	
S00430385 39.86 41.0 1.14 0.00363 0.0288 0.004 0.0025 0.0025 0.005																	
Mineralization																	
39.86-52.13: Disseminated and quartz-carbonate vein hosted Po-Cpy ~1-2% with localized patches up to 3-5%																	
Alteration																	
34.0-51.81: moderate, pervasive chlorite alteration																	
41	41.74	PSEU - Pseudotachylite	S00430386	41.0	42.0	1	0.00251	0.0574	0.0072	0.009	0.0025	0.005					
Magmatic breccia. Dark brown-grey, fine grained matrix with cm-scale, subrounded, highly siliceous clasts (anorthositic and/or metasediment). Matrix is moderately to strongly foliated ranging from 45-65 DTCA. Matrix also contains 1-2mm black specks, possibly relict pyroxene crystals. Po-Cpy occurs disseminated ~1-2% overall with up to 3-5% locally. Lower contact is sharp ~70 DTCA.																	
Mineralization																	
39.86-52.13: Disseminated and quartz-carbonate vein hosted Po-Cpy ~1-2% with localized patches up to 3-5%																	
Alteration																	
34.0-51.81: moderate, pervasive chlorite alteration																	
Structure																	
41.0-41.2: Foliation																	
41.73-41.84: Fault; see major litho																	
41.74	41.84	FLT - Fault	S00430386	41.0	42.0	1	0.00251	0.0574	0.0072	0.009	0.0025	0.005					
Mineralization																	
39.86-52.13: Disseminated and quartz-carbonate vein hosted Po-Cpy ~1-2% with localized patches up to 3-5%																	
Alteration																	
34.0-51.81: moderate, pervasive chlorite alteration																	
Structure																	
41.73-41.84: Fault; see major litho																	

Project: Project							Hole Number: MMC-21-17					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
41.84	44.61	PSEU - Pseudotachylite	S00430386	41.0	42.0	1	0.00251	0.0574	0.0072	0.009	0.0025	0.005
Same unit as described from 41-41.74m.			S00430387	42.0	43.13	1.13	0.00389	0.0297	0.0289	0.017	0.032	0.02
Mineralization			S00430388	43.13	43.8	0.67	0.0132	0.1577	0.1496	0.079	0.166	0.13
39.86-52.13: Disseminated and quartz-carbonate vein hosted Po-Cpy ~1-2% with localized patches up to 3-5%			S00430389	43.8	44.61	0.81	0.0116	0.1164	0.0965	0.052	0.1	0.1
Alteration			34.0-51.81: moderate, pervasive chlorite alteration									
Structure			41.84-42.3: Foliation									
			42.7-43.1: Foliation									
			44.5-44.6: Foliation									
44.61	51.81	4F - Fragmental melagabbro	S00430391	44.61	46.0	1.39	0.00859	0.1048	0.0946	0.052	0.119	0.09
Fragmental Melagabbro. Medium green-grey, fine grained, non magnetic, massive, equigranular. Consists a medium-dark green -grey groundmass with 1-2mm, black, relict pyroxene phenocrysts. Overall plagioclase content <10%, locally ranging from ~0-10%. Weak-moderate, pervasive chlorite alteration. Contains ~1% disseminated and vein-hosted Po-Cpy; locally up to 5% at the decimeter scale. Unit is cut by 0.5-10cm wide quartz-carbonate+/-actinolite(?- green, hard vein mineral) veining ~50-65 DTCA. Lower contact is sharp ~50 DTCA marked by increased foliation intensity.			S00430392	46.0	47.44	1.44	0.0136	0.2281	0.1614	0.092	0.183	0.14
			S00430393	47.44	48.64	1.2	0.0103	0.0968	0.0885	0.064	0.103	0.09
			S00430394	48.64	49.92	1.28	0.014	0.1866	0.1615	0.115	0.221	0.18
			S00430395	49.92	51.0	1.08	0.0163	0.2126	0.1828	0.129	0.288	3.52
			S00430396	51.0	51.81	0.81	0.0138	0.1993	0.1882	0.121	0.266	0.21
Mineralization			39.86-52.13: Disseminated and quartz-carbonate vein hosted Po-Cpy ~1-2% with localized patches up to 3-5%									
Alteration			34.0-51.81: moderate, pervasive chlorite alteration									
Structure			48.03-48.08: Veins; 5cm quartz-carbonate vein ~55 DTCA with ~2% Cpy									
			48.51-48.52: Gouge; 2-3mm of clay-rich gouge and 1-4mm rock fragments ~40 DTCA									
			50.18-50.28: Veins; 10cm quartz-carbonate vein ~55 DTCA with ~5-10% Cpy-Po									
51.81	52.13	SHR - Shearzone	S00430397	51.81	52.11	0.3	0.024	0.3177	0.3384	0.277	0.511	0.43
Sheared Melagabbro. Moderately to strongly foliated zone ~50 DTCA. Moderate, pervasive chlorite alteration is associate with shearing. Lower contact is sharp ~40 DTCA marked by a sudden decrease in foliation intensity.			S00430398	52.11	53.17	1.06	0.0071	0.0713	0.0448	0.034	0.07	0.05
			Mineralization			39.86-52.13: Disseminated and quartz-carbonate vein hosted Po-Cpy ~1-2% with localized patches up to 3-5%						
Alteration			51.81-52.13: moderate, pervasive chlorite alteration									
Structure			51.81-52.13: Shear; see major litho									

Project: Project			Hole Number: MMC-21-17									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
52.13	69.14	4B - Melagabbro	S00430398	52.11	53.17	1.06	0.0071	0.0713	0.0448	0.034	0.07	0.05
Similar to that described from 44.61-51.81m. Only difference is unit is lacking fragmental texture. Interval is cut by 0.2-3cm quartz-carbonate+/-actinolite (?) veins ~15-55 DTCA. Unit contains disseminated to quartz-carbonate vein hosted Po-Cpy ~0.01%. Lower contact is gradational marked by a transition into a less altered gabbro with higher plagioclase content.			S00430399	53.17	54.0	0.83	0.00625	0.0708	0.0313	0.019	0.051	0.03
			S00430401	54.0	55.35	1.35	0.00609	0.0334	0.0221	0.013	0.047	0.02
			S00430402	59.42	60.0	0.58	0.00498	0.0286	0.0133	0.009	0.039	0.02
Mineralization			S00430403	60.0	61.04	1.04	0.00532	0.0261	0.0121	0.009	0.044	0.03
52.13-79.61: Disseminated and quartz-carbonate vein hosted Po-Cpy ~0.01%			S00430404	66.37	67.06	0.69	0.00607	0.0209	0.0132	0.008	0.05	0.03
Alteration												
52.13-69.14: weak, pervasive chlorite alteration												
69.14	100.85	3A - Nipissing gabbro	S00430405	69.53	69.88	0.35	0.0054	0.0636	0.0143	0.029	0.04	0.03
Gabbro. Dark grey with medium grey-green patches, medium-coarse grained, non magnetic, massive, equigranular. Consists of ~70-80% amphibole with 20-30% plagioclase. Chlorite alteration is weak-moderate and patchy throughout; zone of weak-moderate, pervasive chlorite occurs from 87.8-93.55m. Interval is cut by 0.2-2cm quartz-carbonate+/-actinolite (?) veins ~25-45 DTCA. Unit contains disseminated to quartz-carbonate vein hosted Po-Cpy ~0.01%. A zone of ~2-3% disseminated Po occurs ~79.61-80.55m. Lower contact is sharp ~30 DTCA.			S00430406	78.11	79.61	1.5	0.00515	0.0165	0.0103	0.006	0.019	0.005
			S00430407	79.61	80.55	0.94	0.00838	0.2265	0.0539	0.058	0.141	0.15
			S00430408	80.55	81.42	0.87	0.00501	0.0262	0.0107	0.009	0.054	0.03
			S00430409	99.4	100.85	1.45	0.00453	0.0089	0.0097	0.0025	0.009	0.005
Mineralization												
52.13-79.61: Disseminated and quartz-carbonate vein hosted Po-Cpy ~0.01%												
79.61-80.55: Disseminated Po-Cpy ~1-2%												
80.55-100.85: Quartz-carbonate vein hosted Po-Cpy ~0.01%												
100.7-102.07: Quartz-carbonate vein hosted Po-Cpy ~10%												
Alteration												
69.14-87.8: weak, patchy chlorite alteration												
87.8-93.55: weak-moderate, pervasive chlorite alteration; 91-91.2m - weak-moderate hematite alteration												
93.55-100.85: weak, patchy chlorite alteration												
Structure												
77.14-77.17: Veins; 2cm quartz-carbonate+/-actinolite (?-hard green mineral) vein ~35 DTCA with ~1-2% Cpy												
78.77-78.96: Slip surfaces; 1-2mm of clay-rich gouge with chloritic slickenlines along slip plane ~20 DTCA.												
83.28-83.38: Shear; 10cm wide foliated zone (possibly shear) ~35 DTCA												
96.14-96.19: Veins; 3-4cm wide quartz-carbonate vein ~55 DTCA with ~5% Po-Cpy												
97.61-97.64: Veins; ~3cm wide quartz-carbonate vein ~15 DTCA												

Project: Project			Hole Number: MMC-21-17									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
100.85	102.07	QV - Quartz vein Quartz veining zone/altered breccia zone.	S00430411	100.85	101.71	0.86	0.00191	0.1027	0.0047	0.0025	0.0025	0.005
			S00430412	101.71	102.07	0.36	0.00854	0.0293	0.0314	0.0025	0.005	0.005
Mineralization												
100.7-102.07: Quartz-carbonate vein hosted Po-Cpy ~10%												
100.85-101.0: Quartz-carbonate vein hosted Po-Cpy ~3%												
Alteration												
100.85-102.07: moderate-strong, hard, green alteration of breccia matrix												
Structure												
100.85-101.71: breccia; Strongly altered and veined breccia zone. Cm-scale, subangular clasts of gabbro contained within a fine grained, green matrix (~60% matrix). Hard, green, acicular silicate mineral infills throughout.												
101.71-102.27: Veins; ~30cm irregular quartz-carbonate vein with ~10% Po-Cpy. Upper contact is ~0 DTCA with a lower contact of 70 DTCA.												
102.07	114.54	3A - Nipissing gabbro Similar to that described from 69.14-100.85m. Lower contact is sharp ~20 DTCA.	S00430413	102.07	103.11	1.04	0.00475	0.0057	0.0096	0.0025	0.009	0.01
Mineralization												
108.48-108.58: Quartz-carbonate vein hosted Po-Cpy ~0.01%												
Structure												
101.71-102.27: Veins; ~30cm irregular quartz-carbonate vein with ~10% Po-Cpy. Upper contact is ~0 DTCA with a lower contact of 70 DTCA.												
108.48-108.56; 8cm wide quartz-carbonate vein ~40 DTCA												
114.53-114.54												

Project: Project		Hole Number: MMC-21-17
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
114.54	125.44	3A - Nipissing gabbro	S00430414	116.64	117.3	0.66	0.00541	0.0091	0.0046	0.0025	0.0025	0.005
<p>Medium-dark grey, fine grained, aphanitic, weakly to non magnetic with fine <1mm black grains throughout and a pseudo salt-pepper texture. Upper contact of unit is light grey in colour - possibly bleached and chilled contact. Interval is cut by fine 1-5mm quartz-carbonate veinlets ~25-60 DTCA. Lower contact is gradational marked by coarsening of the gabbro.</p>												
			S00430415	121.1	122.3	1.2	0.00537	0.0111	0.0047	0.0025	0.0025	0.005
			S00430416	122.3	123.0	0.7	0.00728	0.0347	0.0085	0.0025	0.0025	0.005
			S00430417	123.0	124.45	1.45	0.00548	0.0087	0.0053	0.0025	0.0025	0.005

Mineralization

116.64-122.3: Finely disseminated Po at trace amounts, 0.01%
 122.3-123.0: Quartz-carbonate vein hosted Po Cpy ~ 3-5%. Some smaller veins contain less, with larger veins hosting 5% Po.
 124.0-124.45: Quartz-carbonate hosted Po at 0.05%, localized in a 1cm qtz-carb vein
 124.6-132.0: Quartz-carbonate vein hosted Po at trace amounts, 0.01%. Few areas of disseminated Po. Po>Cpy, both at trace amounts

Alteration

114.54-115.0: Moderate, pervasive bleaching (?) along upper contact of breccia unit
 117.8-118.51: Weak, pervasive chlorite alteration of the gabbro.
 118.51-118.7: Weak, potassic altered vein, dark pink cutting through the gabbro.
 122.55-122.85: Weak, patchy, potassic alteration intermixed in a qtz-carbonate vein. Alteration is pink/orange and found with the quartz.
 124.6-132.65: Weak-moderate, pervasive, chlorite alteration.

Structure

120.43-120.45: Veins; 2cm wide qtz-carbonate vein ~50 DTCA
 122.25-122.27: Veins; 2-3cm wide qtz-carbonate vein ~ 80 DTCA
 124.63-124.65: Veins; 2-3cm irregular qtz-carbonate vein, ~45 DTCA

125.44 127.39 3A - Nipissing gabbro

Similar to interval 69.14 -100.85m with medium to coarse grained, equigranular, leucocratic pods with ~50% amphibole and ~50% plagioclase -possibly fragments (?). Weak fracture filling chlorite alteration. 0.01 disseminated Po Cpy throughout the unit. Lower contact gradational, marked by the lack of leucocratic pods.

Mineralization

124.6-132.0: Quartz-carbonate vein hosted Po at trace amounts, 0.01%. Few areas of disseminated Po. Po>Cpy, both at trace amounts

Alteration

124.6-132.65: Weak-moderate, pervasive, chlorite alteration.

Project: Project	Hole Number: MMC-21-17
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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127.39 133 3A - Nipissing gabbro

Gabbro. Fine- medium grained, green- grey, massive, with ~70-80% amphibole and ~20-30% plagioclase. Overall weak chlorite alteration. Lower contact marked by the gradual reduction in grain size and transition of colour to a dark grey.

Mineralization

124.6-132.0: Quartz-carbonate vein hosted Po at trace amounts, 0.01%. Few areas of disseminated Po. Po>Cpy, both at trace amounts

Alteration

124.6-132.65: Weak-moderate, pervasive, chlorite alteration.

Structure

129.2-129.23; 2-3cm qtz-carbonate vein, ~65 DTCA

133 137.65 3A - Nipissing gabbro

Gabbro. Similar to interval from 114.54- 125.44m. Lower contact is marked by the start of a shear zone.

S00430418	133.62	135.0	1.38	0.00541	0.0108	0.0048	0.0025	0.0025	0.005
S00430419	135.0	136.48	1.48	0.00515	0.0292	0.0048	0.0025	0.0025	0.005
S00430421	136.48	137.65	1.17	0.00534	0.0362	0.0084	0.0025	0.0025	0.005

Mineralization

133.1-137.65: Quartz-carbonate vein hosted Po Cpy. Po>cpy. Local veins of 1-2% mineralization at 1-2cm wide.

Alteration

135.0-137.65: Weak-moderate, pervasive chlorite alteration of fine grained gabbro

137.65 138.88 SHR - Shearzone

Sheared fine grained, dark grey gabbro. Weak to moderate foliation. Light grey qtz-carbonate veining following foliation ~25-45 DTCA. Mineralization of Po Cpy along foliation of 0.1%, and 2% qtz-carbonate hosted Po Cpy. 138.05 -138.12m: 2-3cm qtz vein with 8-10% PoCpy at 25DTCA. Lower contact is sharp marked by the presence of a 5cm qtz-carbonate vein.

S00430422	137.65	138.88	1.23	0.00939	0.0955	0.089	0.085	0.111	0.1
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Mineralization

137.65-138.88: Quartz-carbonate vein hosted Po Cpy in a shear zone. Po>Cpy. Overall interval of 2% mineralization, local zone 10-15cm wide of 8-10% Po, up to 1% Cpy.

Alteration

137.65-138.88: Moderate-strong, pervasive chlorite alteration of the shear zone, fine grained, green grey.

Structure

137.65-138.88: Shear; Shear zone moderately foliated, vein hosted Po Cpy, ~25- 45 DTCA. Shear direction increase downhole for the final 1/4 of the zone.

Project: Project		Hole Number: MMC-21-17
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
138.88	150.47	3A - Nipissing gabbro	S00430423	138.88	140.43	1.55	0.00565	0.0519	0.0168	0.036	0.059	0.03
Gabbro. Fine-medium grained, green, massive. Mineralogy similar to interval at 114.54- 125.44m. Weak chlorite alteration. Presence of patchy to weak qtz-carbonate veining ranging from 0.25- 2cm at ~30 to 75 DTCA. Lower Contact marked by end of the hole.												
S00430424			S00430424	140.43	141.76	1.33	0.00585	0.0285	0.0135	0.009	0.042	0.02

Mineralization

138.88-148.6: Quartz-carbonate vein hosted Po at trace amounts. Small sections of dissemination, also at trace amounts Po.

Alteration

138.88-146.6: Weak, pervasive, chlorite alteration in the gabbro.

146.6-147.9: Weak, patchy, hematization of the plagioclase found in the gabbro.

147.9-150.48: Weak, pervasive, chlorite alteration to EOH

Structure

148.67-148.7: Veins; 2-3cm wide qtz-carbonate vein, ~80 DTCA

150.47	150.48	
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Alteration

147.9-150.48: Weak, pervasive, chlorite alteration to EOH

Project: Project		Hole Number: MMC-21-18					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: May-18-2021	Drilling Started: May-17-2021	Type: Planned			
Hole Size: NQ	Claim Number:	Logging Completed: May-24-2021	Drilling Completed: May-21-2021	Grid: NAD83 / UTM zone 17N			
Purpose: Infill	Planned Depth: 425	Logged By: Geordie Hamilton	Drilling Contractor: Gyllis	Easting: 436286			
Casing: Mt	Actual Depth: 426			Northing: 5133526			
Elevation: 317							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	11	OB - Overburden	S00430425	10.8	11.6	0.8	0.00505	0.0041	0.0043	0.008	0.0025	0.005
11	23.91	1A - Quartzite	S00430425	10.8	11.6	0.8	0.00505	0.0041	0.0043	0.008	0.0025	0.005

Quartzite. Light to medium grey with >90% quartz, recrystallized with sand-sized quartz grains still discernable. Coarse sand-sized particles of blue quartz occur throughout. Interval is cut by wispy chloritic fracture-fill throughout - weak-moderate. Unit is weakly bedded ~30 DTCA. Contains 0.1% Po overall with up to 10% between 11.10-11.60m. Lower contact is sharp ~40 DTCA.

Mineralization

- 11.1-11.6: ~10% fracture controlled Po
- 11.6-13.0: 0.01% disseminated Po

Alteration

- 11.0-46.5: Weak, fracture-filling chlorite alteration

Structure

- 12.5-23.9
- 23.9-23.91; Lower contact is sharp ~40 DTCA.

23.91 25.28 4D - Biotite quartz diorite

Quartz diorite. Medium-dark grey, fine grained, non magnetic, massive. Unit consists of ~10-15% mm-scale quartz eyes, ~20% biotite with 65-70% fine-grained groundmass - amphibole-plagioclase. Interval is cut by wispy chloritic fracture-fill throughout - weak-moderate; possibly weak chloritization of groundmass as well. Unit is cut by 0.01%, 0.1-0.5 cm quartz-carbonate veinlets ~55-60 DTCA. No sulphides observed. Lower contact is sharp and irregular.

Alteration

- 11.0-46.5: Weak, fracture-filling chlorite alteration

Structure

- 25.27-25.28; Lower contact is sharp and irregular.

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
25.28	27.1	1A - Quartzite										
Similar to that described from 11-23.91m. No obvious bedding. Lower contact is sharp ~30 DTCA.												
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
27.09-27.1; Lower contact is sharp ~30 DTCA.												
27.1	28.39	4D - Biotite quartz diorite										
Similar to that described from 23.91-25.28m. Lower contact is sharp ~10 DTCA.												
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
28.38-28.39; Lower contact is sharp ~10 DTCA.												
28.39	37.66	1A - Quartzite	S00430426	29.6	30.64	1.04	0.00045	0.0018	0.0012	0.0025	0.0025	0.005
Similar to that described from 11-23.91m. Bedding is weakly developed ~40 DTCA. 0.01% quartz-carbonate veinlets cut unit ~20-65 DTCA. 0.01% Po-Cpy occurs within quartz-carbonate veinlets ~65 DTCA. Lower contact is sharp and irregular.												
			S00430427	30.64	31.04	0.4	0.00043	0.0034	0.0014	0.0025	0.0025	0.005
			S00430428	31.04	32.23	1.19	0.00034	0.0045	0.0018	0.0025	0.0025	0.005
			S00430429	37.12	37.66	0.54	0.00046	0.0016	0.0014	0.0025	0.0025	0.005
Mineralization												
30.8-30.9: ~1% quartz-carbonate vein hosted Po-Cpy												
37.55-37.65: ~0.5% quartz-carbonate vein hosted Po-Cpy												
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
35.0-35.2												
37.65-37.66; Lower contact is sharp and irregular.												
37.66	38.92	4D - Biotite quartz diorite	S00430431	37.66	38.92	1.26	0.00353	0.0021	0.0074	0.006	0.0025	0.005
Similar to that described from 23.91-25.28m. Unit is weakly foliated ~5 DTCA. Lower contact is sharp and irregular.												
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
38.91-38.92; Lower contact is sharp and irregular.												

Project:		Hole Number: MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
38.92	40.45	1A - Quartzite	S00430432	38.92	40.43	1.51	0.00042	0.0017	0.0005	0.0025	0.0025	0.005
Similar to that described from 11-23.91m. Bedding is weakly developed ~15 DTCA. No sulphides observed. Lower contact is sharp and irregular.			S00430433	40.43	41.04	0.61	0.0032	0.0068	0.0106	0.006	0.0025	0.005
Mineralization												
40.43-41.04: ~0.50% disseminated Po												
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
40.44-40.45; Lower contact is sharp and irregular.												
40.45	42.62	4D - Biotite quartz diorite	S00430433	40.43	41.04	0.61	0.0032	0.0068	0.0106	0.006	0.0025	0.005
Similar to that described from 23.91-25.28m. Interval contains 5-25cm, subrounded quartzite fragments. ~0.25% disseminated to fracture-fill Po-Cpy occurs throughout. Unit is weakly foliated ~25 DTCA. Lower contact is sharp and irregular.			S00430434	41.04	42.0	0.96	0.00303	0.0023	0.0097	0.0025	0.0025	0.005
			S00430435	42.0	42.62	0.62	0.00339	0.0037	0.0107	0.0025	0.0025	0.005
Mineralization												
40.43-41.04: ~0.50% disseminated Po												
42.4-42.5: ~0.25% Cpy-Po along fractures												
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
40.45-41.45: Foliation												
42.61-42.62; Lower contact is sharp and irregular.												
42.62	43.5	1A - Quartzite	S00430436	42.62	43.44	0.82	0.0007	0.0027	0.0025	0.0025	0.0025	0.005
Similar to that described from 11-23.91m. Contains chloritic spotting throughout. No obvious bedding. No sulphides observed. Lower contact is sharp ~25 DTCA.			S00430437	43.44	44.34	0.9	0.003	0.0088	0.0123	0.009	0.005	0.005
Alteration												
11.0-46.5: Weak, fracture-filling chlorite alteration												
Structure												
43.49-43.5; Lower contact is sharp ~25 DTCA												

Project:		Project											Hole Number: MMC-21-18				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
43.5	46.5	4D - Biotite quartz diorite	S00430437	43.44	44.34	0.9	0.003	0.0088	0.0123	0.009	0.005	0.005					
<p>Similar to that described from 23.91-25.28m. Unit is weakly to moderately foliated ~30 DTCA. Lower contact is sharp ~35 DTCA marked by increased foliation intensity and deformed quartz veining.</p> <p>Alteration 11.0-46.5: Weak, fracture-filling chlorite alteration</p> <p>Structure 43.5-46.49: Foliation 46.49-46.5; Lower contact is sharp ~35 DTCA marked by increased foliation intensity and deformed quartz veining.</p>																	
46.5	46.77	SHR - Shearzone															
<p>Sheared quartz diorite. Foliation is weakly-moderately developed ~30-35 DTCA. Contains boudinaged quartz veins. Moderate, pervasive chlorite alteration. No sulphides observed. Shear appears to be oriented 35 DTCA but fabric is undulatory within shear. Lower contact is sharp ~35 DTCA marked by decreased foliation intensity.</p> <p>Alteration 46.5-46.77: Weak-moderate, pervasive chlorite alteration associated with shear</p> <p>Structure 46.5-46.76: Shear; see major litho 46.76-46.77; Lower contact is sharp ~35 DTCA marked by decreased foliation intensity.</p>																	
46.77	48.68	4D - Biotite quartz diorite															
<p>Similar to that described from 23.91-25.28m. Interval contains 5-20cm, subrounded quartzite fragments. Unit is weakly foliated and is cut by 0.05% deformed/folded, 0.1-1cm quartz-carbonate veinlets. Interval contains 0.01% quartz-carbonate vein hosted Po-Cpy. Lower contact is sharp and irregular.</p> <p>Alteration 46.77-63.37: Weak, fracture-filling chlorite alteration</p> <p>Structure 48.67-48.68; Lower contact is sharp and irregular.</p>																	
48.68	50.4	1A - Quartzite															
<p>Similar to that described from 11-23.91m. No obvious bedding. No sulphides observed. Lower contact is sharp ~5 DTCA.</p> <p>Alteration 46.77-63.37: Weak, fracture-filling chlorite alteration</p>																	

Project: Project	Hole Number: MMC-21-18
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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50.4 52.48 4D - Biotite quartz diorite

Similar to that described from 23.91-25.28m. Interval contains 5-10cm, subrounded quartzite fragments. Unit is weakly foliated ~20 DTCA. Interval contains 0.01% Po-Cpy locally disseminated within metasediment fragments. Lower contact is sharp and irregular.

Mineralization

50.8-51.0: ~0.10% disseminated Po

Alteration

46.77-63.37: Weak, fracture-filling chlorite alteration

Structure

52.0-52.47: Foliation

52.47-52.48; Lower contact is sharp and irregular.

52.48 55.1 1A - Quartzite

Similar to that described from 11-23.91m. No obvious bedding. No sulphides observed. Lower contact is sharp and irregular.

Alteration

46.77-63.37: Weak, fracture-filling chlorite alteration

Structure

55.09-55.1; Lower contact is sharp and irregular.

55.1 60.3 4D - Biotite quartz diorite

Similar to that described from 23.91-25.28m. Interval contains 5-20cm, subrounded quartzite fragments. Unit is weakly foliated ranging from ~0-15 DTCA. Interval is cut by 0.1-0.5cm quartz-carbonate veinlets ~5 DTCA, which contain 0.01% Po-Cpy locally. Lower contact is sharp and irregular.

Mineralization

56.45-56.55: ~0.10% disseminated Po

59.3-59.4: ~0.10% quartz-carbonate vein hosted Po

Alteration

46.77-63.37: Weak, fracture-filling chlorite alteration

Structure

55.8-59.0: Foliation

60.29-60.3; Lower contact is sharp and irregular.

Project:	Project	Hole Number: MMC-21-18
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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60.3 62.46 1A - Quartzite

Similar to that described from 11-23.91m. Unit is weakly bedded ~30 DTCA. Interval is cut by 0.5-5cm quartz-carbonate veining ~25 DTCA. 0.01% Po-Cpy associated with quartz-carbonate veining. Lower contact is sharp and irregular.

Mineralization

61.0-62.5: ~0.01% quartz-carbonate vein hosted Po

Alteration

46.77-63.37: Weak, fracture-filling chlorite alteration

Structure

62.45-62.46; Lower contact is sharp and irregular.

62.46 62.49 FLT - Fault

Fault gouge ~1-2cm wide ~40 DTCA, subparallel to foliation. Core is slightly broken surrounding fault plane. Lower contact is sharp ~40 DTCA.

Mineralization

61.0-62.5: ~0.01% quartz-carbonate vein hosted Po

Alteration

46.77-63.37: Weak, fracture-filling chlorite alteration

Structure

62.46-62.49; see major litho

62.49 63.37 4D - Biotite quartz diorite

Similar to that described from 23.91-25.28m. Unit is weakly foliated ~35 DTCA. Lower contact is sharp ~45 DTCA marked by increased foliation intensity.

Mineralization

61.0-62.5: ~0.01% quartz-carbonate vein hosted Po

Alteration

46.77-63.37: Weak, fracture-filling chlorite alteration

Structure

62.49-63.36: Foliation;

63.36-63.37; Lower contact is sharp ~45 DTCA marked by increased foliation intensity.

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
63.37	63.6	SHR - Shearzone										
<p>Sheared quartz diorite with quartzite fragments. Foliation is moderately developed ~35-45 DTCA. Contains deformed quartzite fragments aligned parallel to foliation. Moderate, pervasive chlorite alteration. No sulphides observed. Shear appears to be oriented 45 DTCA. Lower contact is sharp ~45 DTCA marked by decreased foliation intensity.</p>												
Alteration												
63.37-63.6: Moderate, pervasive chlorite alteration associated with shear												
Structure												
63.37-63.48: Shear; see major litho												
63.48-63.49; Lower contact is sharp ~45 DTCA marked by decreased foliation intensity.												
63.6	64.73	4D - Biotite quartz diorite										
<p>Similar to that described from 23.91-25.28m. Unit contains ~20 cm quartzite fragment along upper contact and is weakly foliated ~20 DTCA. Lower contact is sharp and irregular.</p>												
Alteration												
63.6-64.73: Weak, fracture-filling chlorite alteration												
Structure												
64.72-64.73; Lower contact is sharp and irregular.												
64.73	65.23	QV - Quartz vein										
<p>Irregular quartz breccia vein (possibly completely recrystallized metased(?)). Light grey-white, massive. Contains subangular fragments of pink, potassic-altered metasediment. Vein also contains chlorite. Lower contact is sharp ~20 DTCA.</p>												
Alteration												
64.73-65.23: Potassic altered wall rock clasts occur within quartz vein												
Structure												
65.22-65.23; Lower contact is sharp ~20 DTCA.												
65.23	65.75	1A - Quartzite										
<p>Similar to that described from 11-23.91m. Unit is weakly bedded ~25 DTCA. Choritic spotting is weak throughout. Lower contact is sharp ~25 DTCA.</p>												
Alteration												
65.23-78.0: Weak, fracture-filling chlorite alteration												
Structure												
65.74-65.75; Lower contact is sharp ~25 DTCA.												

Project: Project	Hole Number: MMC-21-18
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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65.75 67.77 4D - Biotite quartz diorite

Similar to that described from 23.91-25.28m. Foliation is very weak and occurs ~subparallel TCA (5-10 DTCA). Lower contact is sharp and irregular.

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

Structure

67.76-67.77; Lower contact is sharp and irregular.

67.77 68.34 QV - Quartz vein

Light grey to white, massive quartz vein. Contains subangular, chloritized wall rock fragments. No observed sulphides. Lower contact is sharp ~45 DTCA.

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

Structure

68.33-68.34; Lower contact is sharp ~45 DTCA

68.34 69.94 4D - Biotite quartz diorite

Similar to that described from 23.91-25.28m. Interval contains 30cm block of quartzite. Foliation weak ~30 DTCA. Lower contact is sharp ~30 DTCA.

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

Structure

68.34-69.0: Foliation

69.93-69.94; Lower contact is sharp ~30 DTCA.

69.94 72.42 1A - Quartzite

Similar to that described from 11-23.91m. Unit is massive. Chloritic spotting is weak throughout. Lower contact is sharp ~50 DTCA.

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

Structure

72.41-72.42; Lower contact is sharp ~50 DTCA.

Project: Project	Hole Number: MMC-21-18
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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72.42 74.33 4D - Biotite quartz diorite
 Similar to that described from 23.91-25.28m. Interval contains 30cm block of quartzite. Foliation weak ~30 DTCA. Lower contact is gradational marked by the transition into siliceous metasediment.

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

Structure

74.32-74.33; Lower contact is gradational marked by the transition into siliceous metasediment.

74.33 75.33 1A - Quartzite
 Similar to that described from 11-23.91m. Unit is massive. Chloritic spotting is weak throughout. Lower contact is sharp ~40 DTCA.

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

Structure

75.32-75.33; Lower contact is sharp ~40 DTCA.

75.33 81.25 4C - Quartz gabbro
 Quartz Gabbro. Medium-dark green-grey, medium grained, non magnetic. Consists of ~60% amphibole, 20-30% plagioclase, and 10-20% blue quartz. Quartz crystals appear almost fragmental and may be cm-scale inclusions of metasediment. Weak-moderate, pervasive chloritization of amphiboles. Interval is inundated with highly altered/recrystallized metasediment inclusions ranging from the cm-scale up to 40cm. Locally these inclusions host up to 10% disseminated Po-Cpy (i.e., 79.06-79.46m). Lower contact is sharp ~40 DTCA.

S00430438	78.0	79.05	1.05	0.00185	0.0006	0.0521	0.0025	0.006	0.005
S00430439	79.05	79.45	0.4	0.00399	0.0523	0.1763	0.014	0.0025	0.005
S00430441	79.45	80.75	1.3	0.015	0.0065	0.1804	0.01	0.0025	0.005
S00430442	80.75	81.22	0.47	0.012	0.0055	0.1086	0.009	0.0025	0.005
S00430443	81.22	81.52	0.3	0.00094	0.0012	0.0182	0.0025	0.0025	0.005

Mineralization

79.05-79.45: ~5-8% disseminated Po-Cpy

80.0-81.25: ~3-5% disseminated Po-Cpy

Alteration

65.23-78.0: Weak, fracture-filling chlorite alteration

78.0-80.0: Weak-moderate, pervasive chloritization of amphiboles.

80.0-81.25: Moderate, pervasive chloritization

Structure

81.24-81.25; Lower contact is sharp ~40 DTCA.

Project:		Project											Hole Number: MMC-21-18				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
81.25	81.48	QV - Quartz vein	S00430443	81.22	81.52	0.3	0.00094	0.0012	0.0182	0.0025	0.0025	0.005					
<p>Quartz vein. Light grey-white, massive quartz vein ~25-40 DTCA. No observed sulphide mineralization. Lower contact is sharp ~25 DTCA.</p> <p>Alteration 81.25-97.9: Weak-moderate, pervasive chloritization</p> <p>Structure 81.25-81.47: Veins; ~20cm irregular quartz vein ~25-40 DTCA 81.47-81.48; Lower contact is sharp ~25 DTCA.</p>																	
81.48	85.45	4C - Quartz gabbro	S00430443	81.22	81.52	0.3	0.00094	0.0012	0.0182	0.0025	0.0025	0.005					
<p>Similar to that described from 75.33-81.25m. Lower contact is sharp and irregular.</p> <p>Alteration 81.25-97.9: Weak-moderate, pervasive chloritization</p> <p>Structure 85.44-85.45; Lower contact is sharp and irregular.</p>																	
			S00430444	81.52	83.0	1.48	0.00298	0.0013	0.0491	0.0025	0.0025	0.005					
			S00430445	83.0	84.4	1.4	0.00209	0.0016	0.0398	0.0025	0.012	0.01					
			S00430446	84.4	85.46	1.06	0.00184	0.0019	0.0397	0.0025	0.009	0.01					
85.45	86.35	1A - Quartzite	S00430446	84.4	85.46	1.06	0.00184	0.0019	0.0397	0.0025	0.009	0.01					
<p>Highly altered/recrystallized metasediment. Medium grey, mottled texture with fine, recrystallized quartz intergrown with chloritic knots and localized biotite. Unit broken up and intruded by quartz gabbro. No sulphides observed. Lower contact is sharp ~40 DTCA.</p> <p>Alteration 81.25-97.9: Weak-moderate, pervasive chloritization</p> <p>Structure 86.34-86.35; Lower contact is sharp ~40 DTCA.</p>																	
			S00430447	85.46	86.31	0.85	0.00558	0.0031	0.0272	0.0025	0.0025	0.005					
			S00430448	86.31	86.7	0.39	0.00059	0.0021	0.0081	0.0025	0.0025	0.005					
86.35	86.57	QV - Quartz vein	S00430448	86.31	86.7	0.39	0.00059	0.0021	0.0081	0.0025	0.0025	0.005					
<p>Similar to that described from 81.25-81.48m. Lower contact is obscured by broken core.</p> <p>Alteration 81.25-97.9: Weak-moderate, pervasive chloritization</p> <p>Structure 86.56-86.57; Lower contact is obscured by broken core.</p>																	

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
86.57	97.9	4C - Quartz gabbro	S00430448	86.31	86.7	0.39	0.00059	0.0021	0.0081	0.0025	0.0025	0.005
Similar to that described from 75.33-81.25m. Unit becomes weakly foliated ~35 DTCA. Lower contact is sharp and ~85 DTCA.			S00430449	86.7	88.08	1.38	0.00142	0.0029	0.027	0.0025	0.0025	0.005
Alteration			S00430451	88.08	89.56	1.48	0.00204	0.003	0.0395	0.0025	0.007	0.01
81.25-97.9: Weak-moderate, pervasive chloritization			S00430452	89.56	90.96	1.4	0.00285	0.0023	0.0464	0.0025	0.0025	0.005
Structure			S00430453	90.96	92.35	1.39	0.00606	0.0022	0.0565	0.008	0.0025	0.005
89.0-92.0: Foliation			S00430454	92.35	93.78	1.43	0.00176	0.0027	0.0239	0.0025	0.009	0.005
97.89-97.9; Lower contact is sharp ~85 DTCA.			S00430455	93.78	95.21	1.43	0.00831	0.0025	0.038	0.0025	0.007	0.005
			S00430456	95.21	96.38	1.17	0.00337	0.0029	0.0381	0.0025	0.015	0.02
			S00430457	96.38	97.91	1.53	0.00231	0.003	0.03	0.01	0.029	0.02
97.9	98.6	1A - Quartzite	S00430457	96.38	97.91	1.53	0.00231	0.003	0.03	0.01	0.029	0.02
Similar to that described from 85.45-86.35m. Unit displays patchy pink alteration-possibly weak, patchy potassic alteration(?). Lower contact is sharp ~70 DTCA.			S00430458	97.91	98.6	0.69	0.00025	0.0025	0.005	0.0025	0.0025	0.005
Alteration												
97.9-100.5: Weak-moderate, pervasive chloritization and weak, patchy potassic alteration												
Structure												
98.59-98.6; Lower contact is sharp ~70 DTCA.												
98.6	103.41	4C - Quartz gabbro	S00430459	98.6	99.98	1.38	0.00125	0.0029	0.0247	0.007	0.022	0.03
Similar to that described from 75.33-81.25m. Unit displays patchy pink alteration-possibly weak-moderate, patchy potassic alteration(?) of metasediment fragments. Interval is cut by <1%, 1-3cm quartz-carbonate veins ~25 DTCA. Lower contact is gradational marked by the disappearance of metasediment fragments.			S00430461	99.98	100.5	0.52	0.0013	0.0029	0.0186	0.0025	0.01	0.01
			S00430462	100.5	102.0	1.5	0.00419	0.0036	0.0219	0.006	0.0025	0.005
			S00430463	102.0	103.44	1.44	0.00138	0.0035	0.0216	0.0025	0.007	0.005
Alteration												
97.9-100.5: Weak-moderate, pervasive chloritization and weak, patchy potassic alteration												
100.5-103.41: Weak-moderate, patchy potassic alteration of metasediment fragments												
Structure												
103.4-103.41; Lower contact is gradational marked by the disappearance of metasediment fragments.												

Project:		Project											Hole Number:		MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)													
103.41	120.7	4C - Quartz gabbro	S00430463	102.0	103.44	1.44	0.00138	0.0035	0.0216	0.0025	0.007	0.005													
Quartz Gabbro. Dark grey, medium grained, massive, non magnetic. Consists of ~70% amphibole, 25% plagioclase, and <5% quartz; locally plagioclase content reaches as high as 30%. Unit appears relatively unaltered compared to previous quartz gabbros besides some minor hematization of plagioclase towards the top of the unit. Contains ~0.5% disseminated Po-Cpy. Lower contact is structural with underlying shear zone ~20 DTCA.			S00430464	103.44	104.92	1.48	0.0017	0.0042	0.0139	0.0025	0.0025	0.005													
			S00430465	104.92	105.98	1.06	0.00136	0.0009	0.0063	0.0025	0.0025	0.005													
			S00430466	105.98	107.48	1.5	0.00416	0.0093	0.0081	0.0025	0.0025	0.005													
Mineralization			S00430467	107.48	108.87	1.39	0.00484	0.0163	0.0077	0.0025	0.0025	0.005													
106.0-114.0: 0.1% disseminated Po-Cpy			S00430468	108.87	110.37	1.5	0.00469	0.0117	0.0112	0.0025	0.0025	0.005													
114.0-120.7: 0.25-0.5% disseminated Po-Cpy			S00430469	110.37	111.86	1.49	0.00434	0.0116	0.0153	0.0025	0.007	0.005													
Structure			S00430471	111.86	113.09	1.23	0.00445	0.0221	0.0163	0.0025	0.009	0.005													
120.69-120.7; Lower contact is structural with underlying shear zone ~20 DTCA.			S00430472	113.09	114.0	0.91	0.00417	0.0157	0.0143	0.0025	0.006	0.005													
			S00430473	114.0	115.46	1.46	0.00515	0.0176	0.0168	0.0025	0.009	0.005													
			S00430474	115.46	116.88	1.42	0.00446	0.0176	0.012	0.0025	0.005	0.005													
			S00430475	116.88	118.38	1.5	0.00451	0.0127	0.0055	0.0025	0.0025	0.005													
			S00430476	118.38	119.83	1.45	0.00459	0.0141	0.0056	0.0025	0.0025	0.005													
			S00430477	119.83	120.7	0.87	0.00346	0.0047	0.0131	0.0025	0.0025	0.005													
120.7	123.23	SHR - Shearzone	S00430478	120.7	121.92	1.22	0.00544	0.0383	0.0303	0.0025	0.0025	0.005													
Sheared gabbro. Unit is dark green-grey, fine grained, non magnetic, moderately foliated. Weak-moderate, pervasive chlorite alteration, moderate, patchy carbonate, and weak, patchy biotite. Interval displays an anastomosing fabric (possibly crenulation or S-C), ranging from 5-35 DTCA. No observed sulphides. Lower contact is sharp ~30 DTCA.			S00430479	121.92	123.0	1.08	0.00507	0.0331	0.0384	0.007	0.009	0.005													
			S00430481	123.0	123.7	0.7	0.00278	0.0035	0.0243	0.018	0.022	0.04													
Alteration			120.7-123.7: Weak-moderate, pervasive chlorite alteration, moderate, patchy carbonate, and weak, patchy biotite.																						
Structure			120.7-123.22: Shear; see major litho																						
			123.22-123.23; Lower contact is sharp ~30 DTCA.																						
123.23	123.46	QV - Quartz vein	S00430481	123.0	123.7	0.7	0.00278	0.0035	0.0243	0.018	0.022	0.04													
Quartz-carbonate vein. Light grey-white, intergrown quartz and carbonate with chloritized wall rock fragments being dragged into vein. No observed sulphides. Lower contact is sharp ~45 DTCA.																									
Alteration			120.7-123.7: Weak-moderate, pervasive chlorite alteration, moderate, patchy carbonate, and weak, patchy biotite.																						
Structure			123.23-123.45: Veins; see major litho																						
			123.45-123.46; Lower contact is sharp ~45 DTCA.																						

Project:		Project											Hole Number: MMC-21-18				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
123.46	123.7	SHR - Shearzone	S00430481	123.0	123.7	0.7	0.00278	0.0035	0.0243	0.018	0.022	0.04					
Same unit as described from 120.7-123.23m. Fabric occurs ~20 DTCA. Lower contact is sharp ~30 DTCA marked by decreased foliation intensity.																	
Alteration																	
120.7-123.7: Weak-moderate, pervasive chlorite alteration, moderate, patchy carbonate, and weak, patchy biotite.																	
Structure																	
123.46-123.69: Shear; see major litho																	
123.69-123.7; Lower contact is sharp ~30 DTCA marked by decreased foliation intensity.																	
123.7	135.78	4B - Melagabbro	S00430482	123.7	125.1	1.4	0.00195	0.0035	0.0162	0.0025	0.0025	0.005					
Melagabbro or pyroxenite (?). Dark grey, melanocratic, fine-medium grained, non magnetic, weakly foliated. Consists of ~80% amphibole, ~15% plagioclase, and 5% biotite. Locally plagioclase content increases up to 25% locally. Units is cut by 0.1-4cm quartz-carbonate veins ~15-45 DTCA. ~0.5-1% disseminated to foliation controlled Po-Cpy occurs throughout. Lower contact is sharp ~40 DTCA.																	
Mineralization																	
126.0-127.0: 1% finely disseminated Po-Cpy																	
Structure																	
126.0-130.0: Foliation																	
132.38-132.45: Veins; 4cm wide quartz-carbonate vein ~35 DTCA																	
132.92-133.02: Veins; 5cm wide quartz -carbonate vein ~30 DTCA																	
135.77-135.78; Lower contact is sharp ~40 DTCA.																	
135.78	135.99	QV - Quartz vein	S00430492	135.72	136.12	0.4	0.0013	0.0009	0.0122	0.018	0.021	0.03					
Quartz vein. Light grey-white. No observed sulphide mineralization. Lower contact is sharp ~75 DTCA.																	
Structure																	
135.78-135.98: Veins; see major litho																	
135.98-135.99; Lower contact is sharp ~75 DTCA.																	

Project:		Hole Number: MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
135.99	143	4B - Melagabbro	S00430492	135.72	136.12	0.4	0.0013	0.0009	0.0122	0.018	0.021	0.03
Same unit as described from 123.7-135.78m. 138.3-138.8m - zone of 5-8% disseminated Po-Cpy. Lower contact is gradational marked by the appearance of pegmatitic gabbro fragments.			S00430493	136.12	137.0	0.88	0.00441	0.0201	0.0338	0.018	0.025	0.03
Mineralization			S00430494	137.0	138.16	1.16	0.00506	0.0194	0.0335	0.005	0.023	0.03
136.4-138.16: ~0.5% disseminated Po-Cpy			S00430495	138.16	138.72	0.56	0.00795	0.0443	0.1199	0.016	0.085	0.1
138.16-138.72: ~5-8% disseminated Po-Cpy			S00430496	138.72	140.04	1.32	0.00321	0.0073	0.0475	0.019	0.047	0.07
138.72-140.04: 1% disseminated Po-Cpy			S00430497	140.04	141.48	1.44	0.00186	0.0019	0.0259	0.015	0.039	0.04
140.04-143.46: ~0.1% disseminated Po-Cpy			S00430498	141.48	143.0	1.52	0.00247	0.0009	0.0353	0.018	0.029	0.02
Structure			142.99-143.0; Lower contact is gradational marked by the appearance of pegmatitic gabbro fragments.									
143	148	4F - Fragmental melagabbro	S00430499	143.0	143.46	0.46	0.0033	0.005	0.0366	0.008	0.026	0.02
Fragmental Melagabbro. Similar to the melagabbro described above but contains gabbroic fragments. Dark grey, fine-medium grained, non magnetic, massive Consists of ~80% amphibole, ~15% plagioclase, and 5% biotite. 1-2% disseminated Po-Cpy occurs throughout with up to 5-8% locally i.e., 143.55-144m. Lower contact is gradational marked by increased plagioclase content and coarser grain size.			S00430501	143.46	144.82	1.36	0.012	0.07	0.184	0.043	0.194	0.17
Mineralization			S00430502	144.82	146.0	1.18	0.0135	0.0513	0.1868	0.073	0.29	0.16
140.04-143.46: ~0.1% disseminated Po-Cpy			S00430503	146.0	147.0	1	0.0083	0.0732	0.1201	0.082	0.097	0.13
143.46-148.0: ~5-8% disseminated Po-Cpy			S00430504	147.0	148.0	1	0.0139	0.0952	0.1522	0.242	0.201	0.28
Structure			147.99-148.0; Lower contact is gradational marked by increased plagioclase content and coarser grain size.									

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
148	165.54	4C - Quartz gabbro	S00430505	148.0	149.5	1.5	0.00466	0.0206	0.0166	0.014	0.014	0.005
<p>Quartz Gabbro. Medium-dark grey, medium-coarse grained, vari-textured, non magnetic. Consists of ~50% amphibole+/- biotite, 30-40% plagioclase, and 10% quartz. Quartz locally occurs in higher concentrations with plagioclase as spots of more felsic material - possible fragments or vari-texture. Interval alternates between finer grained gabbro and coarser grained, more felsic looking gabbro. Very localized foliation occurs ~150.5-150.7m ~35 DTCA. Unit is cut by 0.1-3cm quartz-carbonate veins that contain up to 10% Po-Cpy at the cm-scale. Disseminated Po-Cpy also occurs throughout ~0.5%, concentrated within felsic splotches up to 10% locally. Lower contact is sharp ~20 DTCA.</p> <p>Mineralization</p> <p>148.0-154.3: ~2-3% disseminated Po-Cpy with ~1% quartz-carbonate vein hosted Po-Cpy</p> <p>154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy</p> <p>Alteration</p> <p>162.0-180.0: Weak pervasive chlorite alteration</p> <p>Structure</p> <p>150.5-150.7: Foliation</p> <p>165.53-165.54; Lower contact is sharp ~20 DTCA.</p>			S00430506	149.5	150.96	1.46	0.00657	0.04	0.0393	0.035	0.042	0.04
			S00430507	150.96	152.46	1.5	0.00477	0.0627	0.029	0.018	0.013	0.01
			S00430508	152.46	153.63	1.17	0.0129	0.0316	0.1704	0.006	0.015	0.005
			S00430509	153.63	154.3	0.67	0.00609	0.177	0.0619	0.015	0.032	0.005
			S00430511	154.3	155.81	1.51	0.00278	0.0132	0.0051	0.0025	0.0025	0.005
			S00430512	155.81	157.3	1.49	0.00394	0.0113	0.0121	0.009	0.008	0.005
			S00430513	157.3	158.72	1.42	0.00469	0.0182	0.0151	0.024	0.02	0.02
			S00430514	158.72	160.19	1.47	0.00383	0.0117	0.0045	0.0025	0.0025	0.005
			S00430515	160.19	161.66	1.47	0.00387	0.0118	0.0052	0.0025	0.0025	0.005
S00430516	161.66	163.09	1.43	0.00371	0.0143	0.0032	0.0025	0.0025	0.005			
S00430517	163.09	164.54	1.45	0.00345	0.0169	0.0063	0.0025	0.0025	0.005			
S00430518	164.54	165.45	0.91	0.0035	0.0175	0.0058	0.0025	0.0025	0.005			
S00430519	165.45	165.75	0.3	0.00161	0.0069	0.0038	0.0025	0.0025	0.005			
165.54	165.69	QV - Quartz vein	S00430519	165.45	165.75	0.3	0.00161	0.0069	0.0038	0.0025	0.0025	0.005
<p>Quartz vein. Light grey to white, massive with no sulphide observed. Lower contact is sharp ~20 DTCA.</p> <p>Mineralization</p> <p>154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy</p> <p>Alteration</p> <p>162.0-180.0: Weak pervasive chlorite alteration</p> <p>Structure</p> <p>165.54-165.68: Veins; see major litho</p> <p>165.68-165.69; Lower contact is sharp ~20 DTCA.</p>												
165.69	169.49	4C - Quartz gabbro	S00430519	165.45	165.75	0.3	0.00161	0.0069	0.0038	0.0025	0.0025	0.005
<p>Similar to that described from 148-165.54m. 0.01% disseminated Po-Cpy. Lower contact is sharp ~45 DTCA.</p> <p>Mineralization</p> <p>154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy</p> <p>Alteration</p> <p>162.0-180.0: Weak pervasive chlorite alteration</p> <p>Structure</p> <p>169.48-169.49; Lower contact is sharp ~45 DTCA.</p>			S00430521	165.75	167.19	1.44	0.00315	0.0199	0.0053	0.0025	0.0025	0.005
			S00430522	167.19	168.62	1.43	0.00351	0.0116	0.0038	0.0025	0.0025	0.005
			S00430523	168.62	169.36	0.74	0.00439	0.0152	0.0055	0.0025	0.0025	0.005
			S00430524	169.36	169.82	0.46	0.0019	0.0051	0.0024	0.0025	0.0025	0.005

Project:		Project											Hole Number: MMC-21-18				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
169.49	169.71	QV - Quartz vein Quartz vein. Light grey to white, massive with no sulphide observed. Lower contact is sharp ~35 DTCA.	S00430524	169.36	169.82	0.46	0.0019	0.0051	0.0024	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
Structure																	
169.49-169.7: Veins; see major litho																	
169.7-169.71; Lower contact is sharp ~35 DTCA.																	
169.71	180.58	4C - Quartz gabbro Similar to that described from 148-165.54m. Weak, patchy chlorite alteration occurs throughout. 0.01% disseminated Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430524	169.36	169.82	0.46	0.0019	0.0051	0.0024	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430525	169.82	171.32	1.5	0.00404	0.0128	0.0038	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
181.32-181.33; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430526	171.32	172.8	1.48	0.00379	0.0078	0.0035	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430527	172.8	174.28	1.48	0.00379	0.0072	0.0033	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430528	174.28	175.72	1.44	0.00379	0.0067	0.0048	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430529	175.72	177.17	1.45	0.00457	0.0117	0.0067	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430531	177.17	178.68	1.51	0.00434	0.0115	0.0063	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430532	178.68	180.0	1.32	0.00475	0.0051	0.006	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430533	180.0	180.58	0.58	0.00592	0.0129	0.0088	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
180.57-180.58; Lower contact is sharp ~20 DTCA.																	
180.58	181.33	1A - Quartzite Metasediment block. Highly recrystallized/altered. Consists of 80% microcrystalline quartz with 20% spotty chlorite throughout. Chlorite alteration is moderate and pervasive. Contains ~1-2% disseminated to fracture-filling Po-Cpy. Lower contact is sharp ~20 DTCA.	S00430534	180.58	181.33	0.75	0.00189	0.0056	0.0019	0.0025	0.0025	0.005					
Mineralization																	
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy																	
Alteration																	
162.0-180.0: Weak pervasive chlorite alteration																	
180.0-184.0: Weak pervasive chlorite alteration																	
Structure																	
181.32-181.33; Lower contact is sharp ~20 DTCA.																	

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
181.33	215.29	3A - Nipissing gabbro	S00430535	181.33	182.78	1.45	0.00581	0.0125	0.0048	0.0025	0.0025	0.005
Gabbro. Dark grey to black, fine to medium grained, vari-textured, non magnetic. Consists of ~50-60% amphibole+/- biotite, 40% plagioclase, and <5% quartz. Overall unit is medium grained with localized finer grained sections and coarse, pegmatitic patches. Interval becomes lighter in colour ~204m - possibly weak, pervasive chlorite alteration or drill rub(?). Unit is cut by 0.1-9cm quartz-carbonate-chlorite, locally quartz-actinolite, veins ~30-80 DTCA, that contain up to 5% Po-Cpy at the cm-scale. Disseminated Po-Cpy also occurs throughout ~0.01%.			S00430536	182.78	184.0	1.22	0.00504	0.0067	0.0051	0.0025	0.0025	0.005
			S00430537	184.0	185.51	1.51	0.00569	0.0052	0.004	0.0025	0.0025	0.005
			S00430538	185.51	187.0	1.49	0.0055	0.0078	0.0039	0.0025	0.0025	0.005
			S00430539	187.0	188.48	1.48	0.00498	0.0124	0.0063	0.0025	0.0025	0.005
Mineralization			S00430541	188.48	189.97	1.49	0.00485	0.027	0.0083	0.006	0.0025	0.005
154.3-213.0: ~0.01% disseminated Po-Cpy and ~0.05% quartz-carbonate vein hosted Po-Cpy			S00430542	189.97	191.47	1.5	0.00521	0.0158	0.01	0.0025	0.012	0.005
213.85-217.16: ~0.01% disseminated Po-Cpy			S00430543	191.47	192.96	1.49	0.00535	0.0201	0.0123	0.006	0.015	0.01
Alteration			S00430544	192.96	194.42	1.46	0.00578	0.025	0.0131	0.009	0.023	0.02
180.0-184.0: Weak pervasive chlorite alteration			S00430545	194.42	195.88	1.46	0.00521	0.02	0.0123	0.007	0.028	0.02
204.0-215.29: Weak pervasive chlorite alteration			S00430546	195.88	197.33	1.45	0.00538	0.0137	0.0154	0.008	0.025	0.02
Structure			S00430547	197.33	198.76	1.43	0.0061	0.0347	0.0187	0.011	0.025	0.02
197.29-197.33: Veins; 4cm quartz-carbonate vein ~70 DTCA with no sulphide observed			S00430548	198.76	200.26	1.5	0.00603	0.0174	0.013	0.006	0.013	0.02
205.32-205.41: Veins; 9cm quartz-carbonate-chlorite vein ~80 DTCA with no sulphide observed			S00430549	200.26	201.72	1.46	0.00578	0.0307	0.0217	0.012	0.044	0.02
208.62-208.67: Veins; 4cm quartz-carbonate-chlorite vein ~45 DTCA with no sulphide observed			S00430551	201.72	203.1	1.38	0.00473	0.0278	0.011	0.009	0.031	0.01
211.34-211.4: Veins; 3cm quartz-carbonate-chlorite vein ~30 DTCA with no sulphide observed			S00430552	203.1	204.0	0.9	0.00581	0.0484	0.0141	0.015	0.058	0.03
213.79-213.82: Veins; 3cm quartz-carbonate vein ~60 DTCA			S00430553	204.0	205.43	1.43	0.00481	0.0486	0.0138	0.014	0.027	0.03
			S00430554	205.43	206.85	1.42	0.00538	0.0318	0.0128	0.009	0.017	0.02
			S00430555	206.85	208.33	1.48	0.00442	0.0319	0.011	0.008	0.017	0.01
			S00430556	208.33	209.77	1.44	0.00518	0.0582	0.0145	0.012	0.028	0.02
			S00430557	209.77	211.22	1.45	0.00388	0.0269	0.0092	0.006	0.012	0.01
			S00430558	211.22	212.66	1.44	0.00433	0.0482	0.0119	0.012	0.018	0.01
			S00430559	212.66	214.09	1.43	0.00407	0.0267	0.0087	0.005	0.012	0.005
			S00430561	214.09	215.59	1.5	0.004	0.0206	0.009	0.008	0.011	0.005
215.29	215.39	QV - Quartz vein	S00430561	214.09	215.59	1.5	0.004	0.0206	0.009	0.008	0.011	0.005
Quartz carbonate vein. White blue quartz with pervasive green chlorite. Lower contact ~70 DTCA.												
Mineralization												
213.85-217.16: ~0.01% disseminated Po-Cpy												
Alteration												
215.29-215.39: Weak-moderate chlorite/quartz vein												
Structure												
215.29-215.39: Veins; 10cm quartz-carbonate-chlorite vein ~55 DTCA. No observed sulphides												

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
215.39	236.9	3A - Nipissing gabbro	S00430561	214.09	215.59	1.5	0.004	0.0206	0.009	0.008	0.011	0.005
Gabbro. Dark grey green to black, medium to fine grained, vari-textured, non magnetic. Unit consists of 60-70% amphibole +/- biotite, 30-40% plagioclase, and <5% quartz. Overall the unit is medium grained with isolated coarse grained pegmatitic patches or clasts (10-15cm), and localized finer grained sections. From 228m-235m is lighter in colour (green grey) showing a potential weak chloritic alteration. The unit is cut by few quartz carbonate veins up to 1cm in width at ~50-80 DTCA. Veins do not contain mineralization. Disseminated PoCpy present from 217m-229m at 0.01%.			S00430562	215.59	217.04	1.45	0.00431	0.0217	0.0711	0.0025	0.014	0.005
			S00430563	217.04	218.44	1.4	0.00415	0.0297	0.0101	0.0025	0.011	0.005
			S00430564	218.44	219.79	1.35	0.00427	0.0777	0.0156	0.012	0.032	0.03
			S00430565	219.79	220.97	1.18	0.00403	0.0155	0.0086	0.005	0.01	0.005
Mineralization			S00430566	220.97	222.39	1.42	0.00496	0.0261	0.0094	0.007	0.02	0.01
213.85-217.16: ~0.01% disseminated Po-Cpy			S00430567	222.39	223.5	1.11	0.00419	0.0195	0.0091	0.005	0.011	0.005
217.16-218.88: ~0.1% disseminated Po-Cpy			S00430568	223.5	224.97	1.47	0.00426	0.0301	0.0107	0.008	0.015	0.01
218.88-219.2: ~0.5 - 1% disseminated Cpy-Po.			S00430569	224.97	226.38	1.41	0.00438	0.0253	0.0095	0.0025	0.01	0.005
219.2-236.9: ~0.01% disseminated Po Cpy			S00430571	226.38	228.0	1.62	0.00419	0.0211	0.0096	0.0025	0.008	0.005
Alteration			S00430572	228.0	229.29	1.29	0.00416	0.0212	0.0099	0.0025	0.022	0.02
221.67-225.78: Weak pervasive chlorite alteration			S00430573	229.29	230.72	1.43	0.0044	0.0106	0.0097	0.0025	0.015	0.01
229.91-235.84: Weak pervasive chlorite alteration			S00430574	230.72	233.15	2.43	0.00482	0.0139	0.0091	0.0025	0.017	0.005
Structure			S00430575	233.15	233.65	0.5	0.00503	0.0161	0.0095	0.0025	0.018	0.005
235.5-235.58: Veins; 8cm quartz-carbonate-chlorite vein ~50 DTCA. No observed sulphides			S00430576	233.65	234.87	1.22	0.00433	0.0166	0.0101	0.0025	0.011	0.005
236.89-236.9: Lower contact is sharp ~75 DTCA			S00430577	234.87	236.27	1.4	0.00406	0.013	0.0089	0.0025	0.006	0.005
			S00430578	236.27	236.83	0.56	0.00417	0.0146	0.0083	0.0025	0.005	0.005
			S00430579	236.83	238.23	1.4	0.00439	0.0195	0.0081	0.0025	0.008	0.005
236.9	239.32	3E - Granophyric gabbro	S00430579	236.83	238.23	1.4	0.00439	0.0195	0.0081	0.0025	0.008	0.005
Pegmatitic/ granophyric gabbro. Dark grey to black, medium-coarse grained, pegmatitic + vari-textured, slightly magnetic. Unit consists of 50-60% plagioclase, 20-30% amphibole, 5-10% quartz. The unit frequently alternates between very coarse grained pegmatitic sections and medium grained gabbro. Disseminated Po Cpy is found consistently through the unit ~ 0.5-2%. Pod like Po clusters present locally at 0.25cm wide. Lower contact is marked by the sudden change of texture away from pegmatitic to traditional gabbro ~50 DTCA.			S00430581	238.23	239.26	1.03	0.00321	0.0161	0.0051	0.0025	0.0025	0.005
			S00430582	239.26	240.74	1.48	0.00417	0.0159	0.0091	0.0025	0.0025	0.005
Mineralization												
236.9-239.0: ~1% disseminated Po Cpy found within a pegmatitic unit												
239.0-248.21: ~0.01% disseminated Po Cpy												
Alteration												
237.78-238.0: Weak patchy potassic alteration of plagioclase in pegmatitic unit												
239.18-239.32: Weak patchy potassic alteration of plagioclase in pegmatitic unit												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
239.32	245.87	3A - Nipissing gabbro	S00430582	239.26	240.74	1.48	0.00417	0.0159	0.0091	0.0025	0.0025	0.005
Gabbro. Dark grey to black, fine to medium grained, massive, non-magnetic. Unit consists of 60-70% amphibole, 30-40% plagioclase, <5% quartz. Unit contains a fragment of the above unit, 236.9-239.32m, pegmatite at ~15cm wide. Potential weak chloritic alteration of the bottom of this unit, from 243m-245.87m, at weak localized potassic alteration of plagioclase. Disseminated Po present at ~0.01%. Lower contact marked by start of pegmatitic texture.			S00430583	240.74	242.2	1.46	0.00433	0.0181	0.0097	0.0025	0.0025	0.005
			S00430584	242.2	243.56	1.36	0.00384	0.0182	0.0082	0.008	0.0025	0.005
			S00430585	243.56	244.96	1.4	0.00415	0.0394	0.0108	0.015	0.011	0.03
Mineralization			S00430586	244.96	245.84	0.88	0.00469	0.038	0.0111	0.029	0.027	0.1
239.0-248.21: ~0.01% disseminated Po Cpy			S00430587	245.84	247.27	1.43	0.0032	0.012	0.0057	0.016	0.026	0.02
Alteration												
244.53-245.87: Weak pervasive chlorite alteration												
245.87	247.88	3E - Granophyric gabbro	S00430587	245.84	247.27	1.43	0.0032	0.012	0.0057	0.016	0.026	0.02
Similar to previous 3E unit from 236.9m-239.32m. Dark grey, medium-coarse grained, pegmatitic to locally vari-textured. ~0.01% disseminated Po. Lower contact is marked by the gradual change of texture.			S00430588	247.27	248.21	0.94	0.00332	0.0138	0.0053	0.008	0.015	0.01
Mineralization												
239.0-248.21: ~0.01% disseminated Po Cpy												
Alteration												
245.87-247.88: Weak to weak/moderate biotite alteration in pegmatitic unit												
247.88	251.72	3A - Nipissing gabbro	S00430588	247.27	248.21	0.94	0.00332	0.0138	0.0053	0.008	0.015	0.01
Similar to previous unit at 239.32m-245.87m. Gabbro. Dark grey green, medium grained, massive, non magnetic. Unit does not contain fragments listed in the referenced interval 239.32-245.87m.			S00430589	251.27	253.04	1.77	0.00518	0.0349	0.0135	0.013	0.022	0.03
Mineralization												
239.0-248.21: ~0.01% disseminated Po Cpy												
Structure												
251.71-251.72; Lower contact is sharp ~20 DTCA												
251.72	252.98	PSEU - Pseudotachylite	S00430589	251.27	253.04	1.77	0.00518	0.0349	0.0135	0.013	0.022	0.03
Breccia. Dark grey black to grey green, medium to fine grained, coarse grained locally, vari-textured with wispy chloritic alteration between fragments. Unit consists of ~40-80% amphibole, ~20-40% plagioclase, <5% quartz. Fragments include gabbro like above unit and fine grained quartz diorite/quartz gabbro (?). Disseminated mineralization cpy >po, both present in the unit matrix at locally up to 1%, or 0.1% for the interval.												
Mineralization												
251.9-252.46: ~0.01-0.1% disseminated Cpy Po												
Alteration												
251.72-252.3: Weak pervasive chloritic alteration												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
252.98	257.5	3A - Nipissing gabbro	S00430589	251.27	253.04	1.77	0.00518	0.0349	0.0135	0.013	0.022	0.03
Gabbro. Grey green, medium grained, massive, non magnetic. Infrequent <1cm wide quartz-carbonate veining. Unit consists of ~60-70% amphibole, ~30-40% plagioclase. 0.01% disseminated and fracture fill mineralization of cpy. Cpy found more in fractures while po more disseminated. Lower contact is marked by strong change in alteration and grain size.			S00430591	253.04	254.41	1.37	0.00418	0.0342	0.0123	0.014	0.033	0.05
			S00430592	254.41	255.89	1.48	0.00419	0.0253	0.0124	0.015	0.04	0.07
			S00430593	255.89	257.26	1.37	0.00411	0.0377	0.0134	0.016	0.039	0.05
			S00430594	257.26	258.65	1.39	0.00511	0.009	0.0159	0.005	0.018	0.02
Mineralization												
253.31-254.17: ~0.01% quartz-carb vein hosted cpy po												
254.17-257.1: ~0.01% disseminated cpy po												
257.5	259.83	PSEU - Pseudotachylite	S00430594	257.26	258.65	1.39	0.00511	0.009	0.0159	0.005	0.018	0.02
Similar to previous breccia unit at 257.5-259.83m. Mainly fine grained, green grey, vari-textured. ~1-2% cpy po found in 2-4cm quartz-carbonate veins at 258.66-259.00m. After the 259.00m interval mineralization is ~0.01% disseminated cpy po. Lower contact marked by large quartz veining ~60 DTCA.			S00430595	258.65	259.13	0.48	0.00543	0.1134	0.0213	0.008	0.016	0.02
			S00430596	259.13	259.83	0.7	0.00413	0.0154	0.0147	0.0025	0.0025	0.005
Mineralization												
258.66-259.0: ~1% cpy po hosted in quartz-carbonate veins												
Alteration												
257.5-258.95: Weak pervasive chloritic alteration												
Structure												
257.68-257.7: Veins; ~2cm quartz carbonate vein at ~ 60 DTCA												
259.83	260.05	QV - Quartz vein										
Quartz vein. White grey, coarse grained, massive. Few small chloritic alteration veins cross cut by the quartz vein. No observed mineralization. Lower contact ~55 DTCA.												
Structure												
259.83-260.05: Veins; See major litho												

Project:		Project										
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
260.05	272.76	3A - Nipissing gabbro	S00430597	267.0	268.47	1.47	0.00462	0.0187	0.0164	0.009	0.013	0.02
Gabbro. Green grey to grey black, medium grained, vari-textured, non magnetic. Unit contains ~ 60-80% amphibole, 20-40% plagioclase. Pegmatitic pods occur in sizes from 4cm to 30cm, matching the 236.9-239.32m unit. The large pod occurs from 266.32-266.60m. Weak chlorite alteration occurs in lighter portions of the rock or textural change is from drill(?). 0.5mm scale quartz-carbonate/ sericite (brown grey muddy look) veins pervasive to 264m. 0.01-0.1% disseminated PoCpy mostly found between 267m-271m. 0.01% disseminated PoCpy before 267m. Lower contact is marked by start of a quartz vein ~40 DTCA.			S00430598	268.47	269.85	1.38	0.00574	0.0579	0.0272	0.031	0.037	0.1
			S00430599	269.85	271.31	1.46	0.00502	0.0652	0.0241	0.025	0.032	0.08
			S00430601	271.31	272.71	1.4	0.00477	0.0219	0.0135	0.014	0.118	0.05
Mineralization												
261.8-262.0: ~0.01% disseminated Po												
267.09-271.0: ~0.01% disseminated po												
Alteration												
264.42-264.87: Weak/moderate patchy bleaching of plagioclase in gabbro												
268.83-269.7: Weak/moderate patchy bleaching of plagioclase in gabbro												
Structure												
263.27-263.29: Veins; ~2cm quartz carbonate vein at ~60 DTCA												
272.76	273.13	QV - Quartz vein										
Quartz vein. White grey/blue quartz, massive, coarse grained. No observed mineralization. Lower contact ~50 DTCA.												
Structure												
272.76-273.13: Veins; See major litho												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
273.13	289.72	3A - Nipissing gabbro	S00430602	277.64	279.08	1.44	0.00516	0.0209	0.0092	0.0025	0.008	0.005
Gabbro. Medium to fine grained, dark grey green, vari-textured, non magnetic. Unit consists of ~60-80% amphibole, 20-30% plagioclase. Pervasive quartz-carbonate veining and after 282.95m muddy tan brown veining. 0.01-0.1% cpyo mineralization associated with some veins and 0.01% disseminated cpy. Lower contact is gradational and marked by a textural change.			S00430603	279.08	280.27	1.19	0.00499	0.016	0.0108	0.0025	0.013	0.005
			S00430604	280.27	281.64	1.37	0.00482	0.0171	0.011	0.0025	0.007	0.005
			S00430605	281.64	283.07	1.43	0.00481	0.0148	0.0107	0.0025	0.0025	0.005
Mineralization			S00430606	283.07	284.5	1.43	0.00444	0.0168	0.0106	0.0025	0.007	0.005
277.77-277.84: ~0.01-0.1% quartz carbonate vein hosted cpy po			S00430607	284.5	285.92	1.42	0.00452	0.0163	0.0112	0.005	0.0025	0.005
279.37-279.41: ~0.01 quartz carbonate vein hosted cpy po			S00430608	289.23	290.47	1.24	0.00459	0.0299	0.013	0.006	0.007	0.005
279.41-285.0: ~0.01% disseminated cpy po												
289.41-290.0: ~0.1% quartz carbonate vein hosted cpy po												
Alteration												
273.13-273.2: Weak chlorite vein alteration on lower contact of quartz vein												
276.21-280.36: Weak pervasive chlorite alteration												
285.05-285.07: Weak chlorite vein												
Structure												
274.87-275.22: Veins; multiple 1-2cm veins, grey brown at ~45-50 DTCA												
277.77-277.86: Veins; ~9cm quartz carbonate vein at ~55 DTCA												
282.95-282.99: Veins; ~4cm wide quartz carbonate vein at ~40 DTCA												
284.31-284.36: Veins; ~5cm wide quartz carbonate vein at ~ 45 DTCA												
289.72	293.54	3A - Nipissing gabbro	S00430608	289.23	290.47	1.24	0.00459	0.0299	0.013	0.006	0.007	0.005
Gabbro. Medium grained, vari-textured, grey green, non magnetic. Unit consists of ~70% amphibole, ~30% plagioclase. Plag content could be higher due to bleaching alteration. Patchy bleaching of plagioclase, pervasive tan brown veins and blue grey intermixing between veins with chlorite alteration from start of unit until 290.30m. Disseminated and fracture fill Po Cpy mineralization at 0.1-0.5%. Lower contact is gradational.			S00430609	290.47	291.86	1.39	0.0048	0.0119	0.0142	0.006	0.013	0.03
			S00430611	291.86	292.49	0.63	0.00441	0.0122	0.0136	0.007	0.017	0.05
			S00430612	292.49	293.5	1.01	0.00464	0.0095	0.0126	0.008	0.043	0.05
Mineralization			S00430613	293.5	295.01	1.51	0.00411	0.0107	0.0101	0.0025	0.025	0.03
289.41-290.0: ~0.1% quartz carbonate vein hosted cpy po												
Alteration												
290.03-290.45: Weak to moderate patchy chloritic alteration												
292.5-293.2: Weak to moderate potassic alteration of plagioclase												

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
293.54	371	3A - Nipissing gabbro	S00430613	293.5	295.01	1.51	0.00411	0.0107	0.0101	0.0025	0.025	0.03
<p>Gabbro. Medium grained, grey black, massive, non magnetic. Unit contains ~70-80/5 amphibole, 20-30% plagioclase. Contains tan brown veining associated with quartz-carbonate veining; appears to be type of fibre vein with minerals oriented perpendicular to vein wall. These are pervasive between 294.40m-299.40m. Patchy strong green chloritic alteration pods; patch of medium grey occurs between 320-329m - possibly weak, pervasive bleaching. Medium grey interval occurs from 346-359m but is also associated with grind marks from drill - likely drill rub. 0.01% disseminated Po-Cpy occurs locally and within quartz-carbonate veins. Interval locally contains fragments of recrystallized, subrounded metasediments (~5-30cm). Zone of quartz-carbonate-chlorite veining occurs between 322.5-324.1m ~50 DTCA. Lower contact is gradational.</p> <p>Mineralization 300.0-328.0: ~0.01% quartz carbonate vein hosted Cpy-Po</p> <p>Alteration 294.51-299.7: Weak patchy to pods of chlorite alteration. 320.0-329.0: Lighter grey colour - possibly weak, pervasive bleaching</p> <p>Structure 297.86-297.92: Veins; ~6cm wide chlorite vein at ~50 DTCA 304.54-304.6: Veins; ~6cm wide quartz-carbonate vein at ~40 DTCA 305.42-305.46: Veins; Cluster of quartz-carbonate+/-light brown mineral - appears to be type of fibre vein with minerals oriented perpendicular to vein wall 307.08-307.18: Veins; 10cm wide quartz-carbonate vein ~40 DTCA with ~3% Po-Cpy 311.62-311.75: Veins; 3-4cm wide quartz-carbonate vein ~20 DTCA 322.55-322.84: Veins; 25cm wide irregular quartz-carbonate-chlorite vein ~30 DTCA 322.95-323.14: Veins; 20cm wide quartz-carbonate chlorite vein ~ 40 DTCA 323.72-324.06: Veins; 30cm wide quartz-carbonate-chlorite vein ~40 DTCA 329.26-329.37: Veins; 10cm wide quartz-carbonate vein ~25 DTCA 370.99-371.0; Lower contact is gradational.</p>			S00430614	295.01	296.47	1.46	0.00335	0.0049	0.0077	0.0025	0.011	0.01
			S00430615	296.47	297.91	1.44	0.00427	0.0088	0.0117	0.0025	0.008	0.01
			S00430616	297.91	299.44	1.53	0.00481	0.012	0.01	0.0025	0.008	0.01
			S00430617	299.44	300.94	1.5	0.00475	0.0102	0.0154	0.0025	0.012	0.01
			S00430618	300.94	302.4	1.46	0.0048	0.0097	0.0152	0.0025	0.012	0.005
			S00430619	302.4	303.85	1.45	0.00494	0.0101	0.0151	0.0025	0.013	0.02
			S00430621	303.85	305.2	1.35	0.00442	0.0158	0.0148	0.005	0.008	0.005
			S00430622	305.2	306.66	1.46	0.00463	0.0101	0.0154	0.0025	0.008	0.005
			S00430623	306.66	308.1	1.44	0.00436	0.0194	0.0106	0.005	0.008	0.01
			S00430624	308.1	309.6	1.5	0.00465	0.0106	0.0108	0.0025	0.009	0.01
			S00430625	309.6	310.88	1.28	0.00459	0.0078	0.0108	0.0025	0.009	0.005
			S00430626	310.88	312.38	1.5	0.00472	0.0077	0.0101	0.0025	0.007	0.005
			S00430627	312.38	313.86	1.48	0.00461	0.0102	0.0108	0.0025	0.006	0.005
			S00430628	313.86	315.33	1.47	0.0046	0.0149	0.0109	0.008	0.006	0.005
			S00430629	315.33	316.81	1.48	0.00462	0.0108	0.0116	0.0025	0.008	0.005
			S00430631	316.81	318.0	1.19	0.00466	0.0093	0.0111	0.0025	0.007	0.005
			S00430632	318.0	319.27	1.27	0.00469	0.0083	0.0111	0.0025	0.009	0.005
			S00430633	319.27	320.03	0.76	0.00459	0.0086	0.0109	0.0025	0.008	0.005
			S00430634	320.03	321.41	1.38	0.00441	0.0093	0.0106	0.0025	0.008	0.005
S00430635	321.41	322.52	1.11	0.00453	0.0078	0.0119	0.0025	0.008	0.005			
S00430636	322.52	324.0	1.48	0.00489	0.0037	0.009	0.0025	0.01	0.005			
S00430637	324.0	325.42	1.42	0.00524	0.0068	0.0108	0.0025	0.037	0.01			
S00430638	325.42	326.9	1.48	0.00416	0.0089	0.0101	0.0025	0.01	0.005			
S00430639	326.9	328.32	1.42	0.00427	0.0071	0.0104	0.0025	0.009	0.005			
S00430641	328.32	329.0	0.68	0.00448	0.0074	0.011	0.0025	0.008	0.005			
S00430642	329.0	330.5	1.5	0.00355	0.0015	0.0119	0.0025	0.007	0.005			
S00430643	330.5	331.87	1.37	0.00386	0.0062	0.0165	0.0025	0.005	0.005			
S00430644	331.87	332.44	0.57	0.00279	0.0046	0.0092	0.0025	0.005	0.005			
S00430645	332.44	333.9	1.46	0.00498	0.0138	0.0157	0.006	0.007	0.005			
S00430646	333.9	335.3	1.4	0.0048	0.0125	0.0154	0.0025	0.014	0.005			
S00430647	335.3	336.82	1.52	0.00467	0.0119	0.0151	0.0025	0.009	0.005			

DRILL LOG REPORT

Project: Project			Hole Number: MMC-21-18									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
			S00430648	336.82	338.0	1.18	0.00395	0.01	0.0156	0.0025	0.008	0.005
			S00430649	338.0	338.94	0.94	0.00252	0.0031	0.0132	0.0025	0.008	0.005
			S00430651	338.94	340.31	1.37	0.00403	0.0089	0.0146	0.0025	0.011	0.01
			S00430652	340.31	341.8	1.49	0.00428	0.0104	0.0113	0.0025	0.013	0.005
			S00430653	341.8	343.28	1.48	0.00433	0.0103	0.0109	0.0025	0.009	0.005
			S00430654	343.28	344.76	1.48	0.00436	0.0099	0.0114	0.0025	0.008	0.005
			S00430655	344.76	346.22	1.46	0.00404	0.0087	0.0119	0.0025	0.009	0.005
			S00430656	346.22	347.67	1.45	0.00429	0.0093	0.0117	0.0025	0.013	0.005
			S00430657	347.67	349.13	1.46	0.00418	0.0105	0.0112	0.0025	0.008	0.005
			S00430658	349.13	350.54	1.41	0.00425	0.0114	0.0139	0.0025	0.02	0.005
			S00430659	350.54	352.0	1.46	0.00431	0.01	0.0113	0.0025	0.008	0.005
			S00430661	352.0	353.5	1.5	0.00406	0.0114	0.0113	0.0025	0.011	0.005
			S00430662	353.5	354.97	1.47	0.00407	0.0071	0.0113	0.0025	0.007	0.005
			S00430663	354.97	356.48	1.51	0.00437	0.0106	0.0118	0.0025	0.006	0.005
			S00430664	356.48	357.98	1.5	0.00416	0.0112	0.0122	0.0025	0.007	0.005
			S00430665	357.98	359.48	1.5	0.00422	0.0098	0.0113	0.0025	0.006	0.005
			S00430666	359.48	360.98	1.5	0.00403	0.0089	0.0119	0.0025	0.009	0.005
			S00430667	360.98	362.43	1.45	0.00423	0.0088	0.0112	0.0025	0.007	0.005
			S00430668	362.43	363.8	1.37	0.00417	0.0075	0.0122	0.0025	0.007	0.005
			S00430669	363.8	365.28	1.48	0.00431	0.0111	0.0116	0.0025	0.006	0.005
			S00430671	365.28	366.79	1.51	0.00411	0.0073	0.0119	0.0025	0.006	0.005
			S00430672	366.79	368.29	1.5	0.00426	0.0097	0.0115	0.0025	0.007	0.005
			S00430673	368.29	369.79	1.5	0.00438	0.0103	0.0115	0.0025	0.007	0.005
			S00430674	369.79	371.0	1.21	0.00366	0.0068	0.012	0.0025	0.008	0.005

Project:		Hole Number: MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
371	373.11	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	S00430675	371.0	372.0	1	0.00278	0.004	0.0112	0.0025	0.006	0.005
		Medium-dark grey, fine grained matrix containing cm-scale, subrounded-subangular fragments of light grey, crystalline igneous rock- likely diorite and dark grey gabbro. Matrix appears to be crystalline - possibly gabbroic or quartz dioritic. Fine grained nature of matrix makes mineralogy difficult to determine. ~10% biotite throughout. Weak, wispy fracture filling chlorite occurs pervasive throughout. No sulphides observed. 371.65-371.85m - ~20cm quartz vein occurs ~50 DTCA. Lower contact is gradational marked by increased foliation intensity ~35 DTCA.	S00430676	372.0	373.11	1.11	0.00147	0.0022	0.0063	0.0025	0.0025	0.005
Alteration												
371.0-373.11: Weak fracture-filling chlorite												
Structure												
371.0-373.1: breccia; see major litho												
373.1-373.11; Lower contact is gradational marked by increased foliation intensity ~35 DTCA.												
373.11	379.86	SHR - Shearzone	S00430677	373.11	374.61	1.5	0.00505	0.0039	0.0316	0.0025	0.009	0.005
		Sheared gabbro. Dark grey-green, moderately-strongly foliated ~45 DTCA, non magnetic. Chlorite and carbonate alteration are moderate and pervasive. Quartz-carbonate veining (0.1-5cm) runs parallel to foliation ~45 DTCA. No sulphides observed. Lower contact is gradational marked by decreased foliation intensity ~55 DTCA.	S00430678	374.61	376.11	1.5	0.00374	0.0027	0.0166	0.0025	0.021	0.01
			S00430679	376.11	377.59	1.48	0.00445	0.0025	0.0137	0.0025	0.01	0.005
			S00430681	377.59	378.58	0.99	0.00382	0.0055	0.0109	0.0025	0.007	0.005
			S00430682	378.58	379.8	1.22	0.00231	0.0054	0.0087	0.0025	0.006	0.005
			S00430683	379.8	381.27	1.47	0.00462	0.0125	0.0101	0.0025	0.007	0.005
Alteration												
373.11-379.86: Chlorite and carbonate alteration are moderate and pervasive.												
Structure												
373.11-379.85: Shear; see major litho												
379.85-379.86; Lower contact is gradational marked by decreased foliation intensity ~55 DTCA												
379.86	385.5	3A - Nipissing gabbro	S00430683	379.8	381.27	1.47	0.00462	0.0125	0.0101	0.0025	0.007	0.005
		Gabbro. Medium green-grey, medium grained, non magnetic, massive. Consists of ~60% amphibole and 40% plagioclase. Plagioclase has a slight pink hue locally - weak, patchy hematization. Weak fracture-filling chlorite throughout. No sulphides observed. Lower contact is sharp ~40 DTCA.	S00430684	381.27	382.77	1.5	0.00385	0.0115	0.0116	0.0025	0.007	0.005
			S00430685	382.77	384.0	1.23	0.00418	0.0181	0.0103	0.005	0.008	0.005
			S00430686	384.0	385.5	1.5	0.0044	0.0089	0.0109	0.0025	0.009	0.005
Alteration												
379.86-385.5: Weak, patchy hematization of plagioclase												
Structure												
385.49-385.5; Lower contact is sharp ~40 DTCA.												

Project:		Hole Number: MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
385.5	386.23	SHR - Shearzone	S00430687	385.5	386.23	0.73	0.00433	0.0037	0.011	0.0025	0.01	0.005
<p>Sheared gabbro. Medium green-grey, moderately-strongly foliated ~45-50 DTCA, non magnetic. Foliation is anastomosing similar to an S-C fabric or crenulate fabric. Chlorite is moderate and pervasive. Interval is also cut by 0.1-2cm quartz-carbonate veins that run parallel to foliation. These veins locally contain subangular wall rock fragments (0.1-3cm). Lower contact is sharp ~80 DTCA.</p> <p>Alteration 385.5-386.23: Chlorite is moderate and pervasive.</p> <p>Structure 385.5-386.22: Shear; see major litho 386.22-386.23; Lower contact is sharp ~80 DTCA.</p>												
386.23	395.61	3A - Nipissing gabbro	S00430688	386.23	387.73	1.5	0.00449	0.0102	0.0113	0.0025	0.007	0.005
<p>Similar to that described from 379.86-385.5m. Unit becomes varitextured with coarse grained to pegmatitic sections occurring locally. Overall ~0.01% disseminated Po-Cpy with up to ~0.5% finely disseminated Po-Cpy from 395-395.51m. Lower contact is gradational marked by increased foliation intensity and grains size ~40 DTCA.</p> <p>Mineralization 395.0-395.51: ~0.5% finely disseminated Po-Cpy</p> <p>Alteration 386.23-391.61: Weak, patchy hematization of plagioclase 391.61-396.29: Moderate, pervasive chlorite alteration</p> <p>Structure 395.6-395.61; Lower contact is gradational marked by increased foliation intensity ~40 DTCA.</p>												
			S00430689	387.73	389.23	1.5	0.0046	0.0104	0.0089	0.0025	0.008	0.005
			S00430691	389.23	390.71	1.48	0.00423	0.0043	0.0102	0.0025	0.007	0.005
			S00430692	390.71	392.19	1.48	0.00458	0.0066	0.0093	0.0025	0.006	0.005
			S00430693	392.19	393.65	1.46	0.00446	0.0103	0.0078	0.0025	0.006	0.005
			S00430694	393.65	394.96	1.31	0.0044	0.0123	0.0075	0.0025	0.006	0.005
			S00430695	394.96	395.61	0.65	0.00554	0.051	0.0047	0.005	0.0025	0.005
395.61	396.29	SHR - Shearzone	S00430696	395.61	396.29	0.68	0.00421	0.0275	0.0043	0.0025	0.0025	0.005
<p>Sheared gabbro. Foliation is moderately developed ~40 DTCA. Chlorite alteration is weak-moderate and pervasive. Lower contact is gradational marked by a transition into breccia.</p> <p>Alteration 391.61-396.29: Moderate, pervasive chlorite alteration</p> <p>Structure 395.61-396.28: Shear; see major litho 396.28-396.29; Lower contact is gradational marked by a transition into breccia.</p>												

Project:		Hole Number: MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
396.29	397.88	Structural breccia - Generic for structure related breccias	S00430697	396.29	397.0	0.71	0.00172	0.0042	0.0063	0.0025	0.0025	0.005
Light grey, non magnetic with fine grained matrix and ~60% subangular, quartz-plagioclase-rich fragments. Possibly weak-moderate, pervasive silicification. Unit is cut by 1-3cm quartz-carbonate-chlorite veins 60-80 DTCA. Interval contains 0.01% disseminated Cpy. Lower contact is gradational.			S00430698	397.0	397.88	0.88	0.00274	0.0076	0.0078	0.006	0.009	0.005
Mineralization												
396.29-397.88: ~0.01% disseminated Po-Cpy												
Alteration												
396.29-397.88: Weak, pervasive silicification in breccia												
Structure												
396.29-397.87: breccia; see major litho												
397.87-397.88; Lower contact is gradational.												
397.88	422.42	3A - Nipissing gabbro	S00430699	397.88	399.38	1.5	0.0051	0.0353	0.0042	0.012	0.023	0.02
Gabbro. Dark grey, coarse grained to pegmatitic, non magnetic, massive with localized patches of weak foliation. Consists of lathes of amphibole (50-60%) intergrown with white-pinkish plagioclase (40-50%). Plagioclase content varies throughout unit and appears more interconnected where more abundant. Overall unit is relatively unaltered with localized patches of weak chloritization and hematized plagioclase. 0.05% Po-Cpy occur within cm-scale quartz-carbonate veins (0.1-3cm, 35-50 DTCA) and locally disseminated. Lower contact is sharp ~25 DTCA.			S00430701	399.38	400.89	1.51	0.00511	0.029	0.0044	0.016	0.012	0.01
			S00430702	400.89	402.37	1.48	0.00531	0.028	0.0053	0.023	0.029	0.03
			S00430703	402.37	403.85	1.48	0.00669	0.0338	0.0049	0.021	0.006	0.005
			S00430704	403.85	405.29	1.44	0.00556	0.0281	0.0049	0.022	0.014	0.01
Mineralization			S00430705	405.29	406.8	1.51	0.00512	0.0224	0.0044	0.011	0.017	0.02
397.88-426.0: 0.05% Po-Cpy occur within cm-scale quartz-carbonate veins (0.1-3cm, 35-50 DTCA) and locally disseminated.			S00430706	406.8	408.27	1.47	0.00548	0.0268	0.0051	0.015	0.014	0.02
Alteration			S00430707	408.27	409.05	0.78	0.0061	0.038	0.0052	0.06	0.0025	0.02
397.88-422.22: Localized patches of weak chloritization and hematized plagioclase			S00430708	409.05	410.0	0.95	0.00562	0.0309	0.0056	0.027	0.011	0.04
Structure			S00430709	410.0	411.0	1	0.00476	0.0175	0.0045	0.011	0.006	0.03
422.21-422.22; Lower contact is sharp ~25 DTCA.			S00430711	411.0	412.5	1.5	0.00528	0.0218	0.0041	0.012	0.017	0.01
			S00430712	412.5	414.0	1.5	0.005	0.0212	0.0047	0.012	0.011	0.02
			S00430713	414.0	415.35	1.35	0.00511	0.019	0.0058	0.009	0.013	0.02
			S00430714	415.35	416.82	1.47	0.0052	0.0213	0.0047	0.011	0.023	0.04
			S00430715	416.82	418.33	1.51	0.00571	0.0248	0.0055	0.013	0.028	0.03
			S00430716	418.33	419.8	1.47	0.00511	0.0158	0.005	0.008	0.016	0.02
			S00430717	419.8	421.27	1.47	0.0052	0.0212	0.0065	0.009	0.018	0.02
			S00430718	421.27	422.42	1.15	0.00493	0.0155	0.0065	0.005	0.007	0.005

Project:		Hole Number: MMC-21-18										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
422.42	425.99	3A - Nipissing gabbro	S00430719	422.42	423.92	1.5	0.00483	0.0125	0.008	0.005	0.013	0.01
Gabbro. Dark grey, medium grained, non magnetic, massive. Consists of 60-70% amphibole and 30-40% plagioclase. 0.01% Po-Cpy occurs within quartz-carbonate veinlets (0.1-1cm, 25-50 DTCA). Hole ends in this unit.			S00430721	423.92	424.94	1.02	0.00469	0.0114	0.0084	0.006	0.011	0.01
			S00430722	424.94	426.0	1.06	0.00492	0.0117	0.0083	0.005	0.012	0.01
Mineralization												
397.88-426.0: 0.05% Po-Cpy occur within cm-scale quartz-carbonate veins (0.1-3cm, 35-50 DTCA) and locally disseminated.												
425.99	426		S00430722	424.94	426.0	1.06	0.00492	0.0117	0.0083	0.005	0.012	0.01
EOH @426m.												
Mineralization												
397.88-426.0: 0.05% Po-Cpy occur within cm-scale quartz-carbonate veins (0.1-3cm, 35-50 DTCA) and locally disseminated.												

Project: Project		Hole Number: MMC-21-19					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: May-25-2021	Drilling Started: May-21-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: May-28-2021	Drilling Completed: May-23-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 250	Logged By: Geordie Hamilton	Drilling Contractor: Gyllis	Easting:	436144		
Casing: Mt	Actual Depth: 252			Northing:	5133442		
				Elevation:	317		

Target:

Comments:

From	To	Lithology	Sample	From	To Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	3	OB - Overburden									

3 3.61 1A - Quartzite
 Quartzite. Light to medium grey, massive, non magnetic. Consists of >90% quartz with minor chlorite. Unit is recrystallized but sand-sized quartz grains are still discernable locally. Weak fracture-filling chlorite alteration. No sulphides observed. Next series of 1A and 4D units comprise an intercalation and will be referring to these descriptions due to their similarities. Lower contact is irregular.

Alteration
 3.0-3.61: Weak fracture controlled chlorite alteration

Structure
 3.6-3.61; Lower contact is irregular.

3.61 4.32 4D - Biotite quartz diorite
 Biotite quartz diorite. Medium-dark blue-grey, fine grained, non magnetic, weakly foliated ~25 DTCA. Unit's grain size makes mineralogical identification difficult; <5% ~1mm blue quartz phenocrysts and ~20% biotite + fine intergrowth amphibole and plagioclase. Consists of Weak, pervasive chlorite alteration. No sulphides observed. Lower contact is sharp ~45 DTCA.

Alteration
 3.61-4.32: Weak pervasive chlorite alteration

Structure
 3.61-4.31: Foliation
 4.31-4.32; Lower contact is sharp ~45 DTCA

4.32 10.44 1A - Quartzite
 Similar to that described from 3-3.61m. Lower contact is sharp ~15 DTCA.

Alteration
 4.32-10.44: Weak fracture controlled chlorite alteration and localized patchy hematite

Structure
 10.43-10.44; Lower contact is sharp ~15 DTCA.

Project:	Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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10.44 14.1 4D - Biotite quartz diorite

Similar to that described from 3.61-4.32m. Contains ~5-10% subrounded blocks of quartzite ~30-50cm. Lower contact is sharp ~30 DTCA.

Alteration

10.44-14.1: Weak pervasive chlorite alteration

Structure

10.44-14.09: Foliation
14.09-16.87

14.1 16.88 1A - Quartzite

Similar to that described from 3-3.61m. Weak bedding/foliation occurs ~25 DTCA. Lower contact is sharp ~25 DTCA.

Alteration

14.1-16.88: Weak fracture controlled chlorite alteration

Structure

14.09-16.87
16.87-16.88

16.88 17.73 SHR - Shearzone

Sheared biotite-quartz diorite. Dark green-grey, moderately foliated ~20 DTCA, non magnetic. Moderate, pervasive chlorite and carbonate alteration. 1-2%, 0.5-2cm quartz veining occurs parallel to foliation with 0.01% Cpy. 0.5cm quartz-carbonate veinlets also occur orthogonal to foliation, slightly boudinaged ~20 DTCA. Lower contact is sharp ~20 DTCA.

Mineralization

17.56-17.6: 0.1% quartz-carbonate vein hosted Cpy

Alteration

16.88-17.73: Moderate pervasive chlorite and carbonate alteration

Structure

16.88-17.72: Shear; see major litho
17.72-17.73; Lower contact is sharp ~20 DTCA.

Project: Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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17.73 21.17 4D - Biotite quartz diorite
 Similar to that described from 3.61-4.32m. Foliation occurs ~10 DTCA. Lower contact is sharp ~10 DTCA.

Alteration

17.73-21.17: Weak pervasive chlorite alteration

Structure

20.0-21.16: Foliation

21.16-21.17; Lower contact is sharp ~10 DTCA.

21.17 23.91 SHR - Shearzone
 Sheared biotite-quartz diorite. Dark green-grey, moderately foliated ~5-10 DTCA, non magnetic. Moderate, pervasive chlorite alteration. 1-2%, 0.5-35cm quartz veining occurs parallel and slightly stretched along foliation based on localized boudinaged veins. Lower contact is sharp ~15 DTCA.

Alteration

21.17-23.91: Moderate pervasive chloritalteration

Structure

21.17-21.5: Shear

21.5-21.8: Veins; ~30cm quartz vein ~10 DTCA within shear

21.8-23.9: Shear

23.9-23.91; Lower contact is sharp ~15 DTCA.

23.91 31.33 1A - Quartzite
 Similar to that described from 3-3.61m. Interval is cut by biotite quartz diorite intrusions up to 20cm wide. Unit is rubbly from 30-31.33m. Lower contact is sharp ~25 DTCA.

Alteration

23.91-31.43: Weak fracture controlled chlorite alteration

Structure

30.8-31.33: Blocky core; Rubbly zone of core

Project: Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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31.33 31.43 FLT - Fault

Possible fault. 10cm zone of rubbly core with muddy, clay-rich gouge along fragment surfaces locally and chloritic slickenlines. Also occurs at the end of a rubbly section from 30-31.43m. 0.01% Py observed along a fragment slip plane. Lower contact is based on transition back into competent core.

Mineralization

31.4-31.43: 0.1% fracture controlled pyrite

Alteration

23.91-31.43: Weak fracture controlled chlorite alteration

Structure

31.33-31.43: Fault; see major litho

31.43 33.5 4D - Biotite quartz diorite

Similar to that described from 3.61-4.32m. Foliation occurs ~15 DTCA. 1-2mm blue quartz eyes are more abundant in this interval up to 10%. Contains a subrounded block of quartzite ~30 cm. Lower contact is sharp ~40 DTCA.

Alteration

31.43-33.5: Weak pervasive chlorite alteration

Structure

31.43-33.49: Foliation

33.49-33.5; Lower contact is sharp ~40 DTCA

33.5 34.1 1A - Quartzite

Similar to that described from 3-3.61m. Interval is cut by a biotite quartz diorite intrusion ~2 cm wide. Lower contact is sharp ~15 DTCA.

Alteration

33.5-34.1: Weak fracture controlled chlorite alteration

Structure

34.09-34.1; Lower contact is sharp ~15 DTCA

34.1 36.27 4D - Biotite quartz diorite

Similar to that described from 31.43-33.5m. Foliation occurs ~25 DTCA. Lower contact is gradational marked by the appearance of abundant quartzite fragments.

Alteration

34.1-38.0: Weak pervasive chlorite alteration

Structure

34.1-36.26: Foliation

36.26-36.27; Lower contact is gradational marked by the appearance of abundant quartzite fragments.

Project:	Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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36.27	43.83	4D - Biotite quartz diorite										
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Fragment-rich biotite quartz diorite. Dark green-grey, fine-medium grained, brecciated, non magnetic. Similar to previous unit but contains >70% fragments of altered quartzite. Fragments are subangular to subrounded and range from the sub-cm scale up to 40cm. Fragments become so abundant locally that they make the unit appear a more felsic intrusive rock. Chlorite alteration is moderate and pervasive with weak-moderate, patchy potassic alteration of metasediment fragments. 0.01% disseminated Po-Cpy. 0.5-2cm quartz veins cut unit ~0-35 DTCA. Lower contact is sharp ~35 DTCA.

Mineralization

39.25-39.35: ~2% disseminated Po-Cpy

Alteration

34.1-38.0: Weak pervasive chlorite alteration

38.0-43.83: Moderate pervasive chlorite alteration and weak, patchy potassic alteration

Structure

43.82-43.83; Lower contact is sharp ~35 DTCA.

43.83	45.25	SHR - Shearzone										
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Sheared biotite-quartz diorite. Dark green-grey, moderately foliated ~25 DTCA, non magnetic. Moderate, pervasive chlorite alteration. Lower contact is sharp ~15 DTCA.

Mineralization

44.7-44.8: ~0.1% disseminated Po-Cpy

Alteration

43.83-45.25: Moderate pervasive chlorite alteration

Structure

43.83-45.24: Shear; see major litho

45.24-45.25; Lower contact is sharp ~15 DTCA.

45.25	47.88	4D - Biotite quartz diorite										
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Similar to that described from 36.27-43.83m. Lower contact is sharp ~25 DTCA.

Alteration

45.25-47.88: Weak pervasive chlorite alteration with weak, patchy potassic alteration

Structure

45.25-47.87: Foliation

47.87-47.88; Lower contact is sharp ~25 DTCA.

Project:	Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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47.88 51.27 1A - Quartzite

Similar to that described from 3-3.61m. Bedding occurs ~35 DTCA. Lower contact is sharp ~15 DTCA.

Alteration

47.88-51.27: Weak fracture controlled chlorite alteration

Structure

47.88-51.26

51.26-51.27; Lower contact is sharp ~15 DTCA

51.27 61.47 PSEU - Pseudotachylite

Breccia - (Possibly Pseudotachylitic). Dark grey, very fine to fine grained matrix with fragments of biotite quartz diorite and quartzite. Contacts with QD fragments are difficult to pinpoint due to lack of colour contrast between QD and matrix. Cm-scale bands of very fine grained, foliated, glassy-like material cut unit. Unit is moderately foliated ~25 DTCA at the start of the unit and parallel TCA after 53.5m. Contains 0.01% disseminated Po-Cpy. Lower contact is sharp ~25 DTCA.

Mineralization

59.6-59.7: ~0.1% disseminated Po-Cpy

60.8-61.0: ~0.5% disseminated Po-Cpy

Alteration

51.27-61.47: Weak patchy chlorite alteration

Structure

51.27-53.5: Foliation

53.5-57.0: Foliation

57.0-58.0: Foliation

59.35-60.6: Foliation

60.6-61.46: Foliation

61.46-61.47: Lower contact; Lower contact is sharp ~25 DTCA

61.47 61.55 FLT - Fault

Fault. Contains 10cm of rubbly core with 1cm of clay-rich gouge and chloritic slickenlines. Fault plane is oriented ~25 DTCA. Lower contact is sharp ~25 DTCA.

Structure

61.47-61.55: Fault; see major litho

Project:	Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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61.55 64.11 4C - Quartz gabbro

Quartz Gabbro; possibly quartz diorite. Dark blue-grey, fine grained - locally medium grained, non magnetic, massive. Contains <10% 1mm, blue quartz eyes and ~10% biotite with a fine intergrowth of amphibole-plagioclase. Contains subrounded to subangular, 3-30cm quartzite fragments. No sulphides observed. Lower contact is sharp ~40 DTCA.

Structure

64.1-64.11; Lower contact is sharp ~40 DTCA

64.11 64.93 1A - Quartzite

Similar to that described from 3-3.61m. Bedding occurs ~35 DTCA. Lower contact is sharp ~20 DTCA.

Structure

64.92-64.93; Lower contact is sharp ~20 DTCA

64.93 72 4C - Quartz gabbro

Similar to that described from 64.11-64.93m. Lower contact is gradational marked by increased metasediment fragments.

Structure

71.99-72.0; Lower contact is gradational marked by increased metasediment fragments.

72 84.84 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix

Magmatic breccia. Dark blue-grey, fine-medium grained, non magnetic. Consists of quartz gabbro matrix similar to that described above. Fine 1-4mm quartz fragments occur throughout matrix ~10-20%. Biotite ~10-20%, plagioclase ~30-40%, and amphibole ~20-30%. Quartzite blocks occur up to 70cm wide and are highly fractured. ~0.5% fracture-filling pyrite occurs throughout. Lower contact is sharp ~45 DTCA.

Mineralization

73.9-74.5: ~0.5% fracture-filling pyrite

Structure

84.83-84.84; Lower contact is sharp ~45 DTCA.

Project: Project			Hole Number: MMC-21-19									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
84.84	145	4B - Melagabbro	S00430723	89.72	91.78	2.06	0.00146	0.0035	0.0065	0.0025	0.0025	0.005
Melagabbro; possibly fragmental. Dark green-grey, fine grained with localized medium grained sections, massive to weakly foliated, non magnetic. Unit displays weakly developed foliation after 134m ~40 DTCA. Fine grained nature of unit makes mineralogical estimation difficult: 70-80% amphibole with 20-30% plagioclase; locally up to 40% plagioclase associated with varitextured zones or possibly fragments (?). Fragments of partially digested metasediment occur throughout giving the unit a more felsic and mottled appearance (i.e., 103-105m). Localized patches of weak potassic alteration throughout and weak, patchy chlorite. Sulphides occur disseminated ~5-8% between 114-135m with localized patches of up to 20% net textured Po-Cpy. Lower contact is gradational marked by increased plagioclase content and lower sulphide content.			S00430724	91.78	92.04	0.26	0.00345	0.0325	0.0052	0.0025	0.0025	0.005
			S00430725	92.04	93.35	1.31	0.00229	0.0016	0.0087	0.0025	0.0025	0.005
			S00430726	96.85	98.3	1.45	0.00231	0.0044	0.0103	0.0025	0.0025	0.005
			S00430727	98.3	99.1	0.8	0.00526	0.0303	0.0109	0.0025	0.007	0.005
			S00430728	99.1	100.56	1.46	0.00315	0.0082	0.0034	0.0025	0.0025	0.005
			S00430729	108.5	110.0	1.5	0.00313	0.0117	0.0026	0.0025	0.0025	0.005
Mineralization			S00430731	110.0	111.5	1.5	0.00355	0.0099	0.003	0.0025	0.0025	0.005
91.3-92.0: ~1-2% finely disseminated Po			S00430732	111.5	112.92	1.42	0.00353	0.0131	0.0031	0.0025	0.0025	0.005
92.0-93.0: ~0.01% disseminated Po			S00430733	112.92	114.0	1.08	0.00441	0.0163	0.006	0.0025	0.0025	0.005
98.3-99.1: ~1-2% finely disseminated Po-Cpy			S00430734	114.0	115.47	1.47	0.00836	0.1359	0.0699	0.021	0.102	0.07
111.7-112.0: ~0.25% disseminated Po			S00430735	115.47	116.43	0.96	0.0191	0.1083	0.1852	0.02	0.206	0.15
113.0-114.0: ~0.1% disseminated Po-Cpy			S00430736	116.43	117.5	1.07	0.0174	0.3185	0.1878	0.046	0.138	0.13
114.0-121.6: ~5-8% disseminated to locally blebby Po-Cpy up to 15% at the decimeter scale			S00430737	117.5	118.36	0.86	0.0291	0.552	0.357	0.106	0.245	0.24
121.6-122.7: ~0.5% disseminated Po-Cpy			S00430738	118.36	119.81	1.45	0.0151	0.1508	0.1726	0.081	0.159	0.15
122.7-123.0: ~15-20% net textured to disseminated Po-Cpy			S00430739	119.81	120.62	0.81	0.0132	0.147	0.1299	0.095	0.195	0.12
123.0-125.5: ~0.5% disseminated Po-Cpy			S00430741	120.62	121.62	1	0.0171	0.2675	0.2075	0.164	0.302	0.28
125.5-127.7: ~1-2% disseminated Po-Cpy			S00430742	121.62	122.63	1.01	0.00509	0.0499	0.0214	0.009	0.029	0.03
127.7-129.0: ~3-5% disseminated Po-Cpy			S00430743	122.63	123.0	0.37	0.0185	1.0111	0.2061	0.028	0.138	0.12
129.0-140.0: ~2-3% disseminated Po-Cpy			S00430744	123.0	124.1	1.1	0.00494	0.0345	0.0152	0.013	0.028	0.04
140.0-143.0: ~1-2% disseminated Po-Cpy with 0.01% quartz-carbonate veinlet hosted Po-Cpy			S00430745	124.1	125.5	1.4	0.00478	0.0208	0.0204	0.007	0.016	0.01
143.0-155.0: ~0.05% disseminated Po-Cpy with 0.01% quartz-carbonate veinlet hosted Po-Cpy			S00430746	125.5	126.73	1.23	0.00765	0.0817	0.0766	0.044	0.095	0.08
Alteration			S00430747	126.73	127.69	0.96	0.00765	0.088	0.076	0.035	0.077	0.05
89.5-90.0: Weak, patchy potassic alteration			S00430748	127.69	129.0	1.31	0.0217	0.527	0.4127	0.241	0.581	0.42
119.0-122.0: Weak, pervasive chlorite alteration			S00430749	129.0	130.5	1.5	0.00683	0.0598	0.0565	0.026	0.062	0.04
Structure			S00430751	130.5	132.0	1.5	0.00934	0.1309	0.0813	0.05	0.118	0.08
134.0-137.0: Foliation			S00430752	132.0	133.49	1.49	0.00894	0.123	0.0868	0.058	0.148	0.16
144.99-145.0; Lower contact is gradational marked by increased plagioclase content and lower sulphide content.			S00430753	133.49	135.0	1.51	0.0149	0.1638	0.1377	0.105	0.252	0.22
			S00430754	135.0	136.51	1.51	0.00933	0.07	0.0492	0.026	0.054	0.06
			S00430755	136.51	138.0	1.49	0.00865	0.1319	0.0815	0.061	0.148	0.15
			S00430756	138.0	139.0	1	0.00748	0.0955	0.0554	0.04	0.1	0.09
			S00430757	139.0	140.0	1	0.00938	0.1736	0.0981	0.072	0.176	0.17

Project: Project			Hole Number: MMC-21-19									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
			S00430758	140.0	141.0	1	0.0078	0.1281	0.068	0.048	0.122	0.13
			S00430759	141.0	142.01	1.01	0.00797	0.1103	0.0718	0.057	0.147	0.14
			S00430761	142.01	142.97	0.96	0.00721	0.0894	0.0609	0.045	0.117	0.12
			S00430762	142.97	144.0	1.03	0.00743	0.0853	0.0504	0.032	0.087	0.08
			S00430763	144.0	145.03	1.03	0.00628	0.073	0.0365	0.023	0.068	0.06
145	182.69	3A - Nipissing gabbro	S00430763	144.0	145.03	1.03	0.00628	0.073	0.0365	0.023	0.068	0.06
<p>Gabbro. Dark grey, medium grained, non magnetic, massive. Consists of 70-80% amphibole and 20-30% plagioclase; locally unit is darker and plagioclase content may be as low as 10-15%. Unit alternates between more plagioclase-rich intervals (20-30%) and more plagioclase-poor intervals (10-15%) at the metre-scale. Interval is cut by <1%, 0.1-20cm quartz-carbonate+/-chlorite veinlets ~15-90 DTCA. Disseminated Po-Cpy occurs ~0.1% with up to 2-3% locally at the decimeter scale; Po-Cpy also occurs within quartz-carbonate veinlets ~0.01%. Lower contact is gradational marked by finer grain size and consistent foliation.</p>			S00430764	145.03	146.52	1.49	0.005	0.0481	0.0207	0.016	0.07	0.03
			S00430765	146.52	147.97	1.45	0.00492	0.0406	0.0165	0.012	0.058	0.02
			S00430766	147.97	149.42	1.45	0.00524	0.0359	0.0154	0.01	0.049	0.02
			S00430767	149.42	150.92	1.5	0.00542	0.0336	0.0164	0.01	0.057	0.03
Mineralization			S00430768	150.92	152.38	1.46	0.00565	0.0392	0.018	0.01	0.055	0.02
143.0-155.0: ~0.05% disseminated Po-Cpy with 0.01% quartz-carbonate veinlet hosted Po-Cpy			S00430769	152.38	153.8	1.42	0.00583	0.0463	0.0174	0.012	0.061	0.02
155.0-156.0: ~0.5-1.0% disseminated Po-Cpy			S00430771	153.8	155.03	1.23	0.00553	0.042	0.0172	0.012	0.054	0.03
156.0-181.0: ~0.01% disseminated Po-Cpy with 0.01% quartz-carbonate veinlet hosted Po-Cpy			S00430772	155.03	156.0	0.97	0.00567	0.0814	0.0287	0.022	0.099	0.04
Structure			S00430773	156.0	157.52	1.52	0.00569	0.037	0.0161	0.01	0.057	0.02
182.68-182.69; Lower contact is gradational marked by finer grain size and consistent foliation.			S00430774	157.52	159.0	1.48	0.00612	0.0653	0.0315	0.015	0.067	0.03
182.69	188.63	3A - Nipissing gabbro										
<p>Gabbro. Dark grey, fine grained, non magnetic, weakly foliated ~35 DTCA. Fine grained nature of unit makes mineralogical estimation difficult but appears compositionally similar to unit described above. Foliation weakens towards lower contact gradationally. Unit is cut by <1%, 0.1-0.5cm quartz-carbonate veinlets ~20-30 DTCA. No sulphides observed. Lower contact is sharp and irregular with underlying carbonate-quartz vein.</p>												
Structure												
182.69-187.4: Foliation												
188.62-188.63: Lower contact; Lower contact is sharp and irregular with underlying carbonate-quartz vein.												

Project: Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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188.63	189.51	QV - Quartz vein	S00430775	188.64	189.53	0.89	0.00144	0.0007	0.0021	0.0025	0.012	0.005
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Carbonate-Quartz Vein. Vein contains light grey quartz, white carbonate, and light brown silicate mineral (?). Contacts are irregular but vein appears to be at high angle TCA ~70 DTCA. Quartz and carbonate occur as breccia fragments within the vein surrounded by the brown silicate mineral and chlorite. 0.01% quartz-carbonate veinlet hosted Cpy. Lower contact is sharp and irregular.

Mineralization

189.0-189.5: 0.01% quartz-carbonate veinlet hosted Cpy
 189.5-207.07: 0.01% quartz-carbonate veinlet hosted Po-Cpy

Alteration

189.5-207.07: Weak, fracture controlled chlorite alteration

Structure

188.63-189.5: Veins; see major litho

189.51	207.07	3A - Nipissing gabbro	S00430775	188.64	189.53	0.89	0.00144	0.0007	0.0021	0.0025	0.012	0.005
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Similar to that described from 145-182.69m. Weak, fracture-filling to patchy chlorite alteration. Unit is cut by 0.5%, 0.1-2cm quartz-carbonate veinlets +/-brown silicate mineral. 0.01% Po-Cpy occurs within quartz-carbonate veinlets locally. Lower contact is sharp and irregular with underlying shear.

Mineralization

189.5-207.07: 0.01% quartz-carbonate veinlet hosted Po-Cpy

Alteration

189.5-207.07: Weak, fracture controlled chlorite alteration

Structure

207.06-207.07: Lower contact; Lower contact is sharp and irregular with underlying shear.

207.07	210.7	SHR - Shearzone										
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Shear zone. Dark brown with white carbonate, fine grained, moderately foliated ~20 DTCA. Chlorite and carbonate alteration are moderate and pervasive. Fabric is slightly chaotic and variable with carbonate-quartz infill disrupting foliation. 0.01% disseminated Cpy. Lower contact is sharp marked by the sudden end of the shear fabric at ~45 DTCA.

Mineralization

207.07-207.54: 0.01% disseminated Po-Cpy
 210.55-211.6: ~0.01% quartz-carbonate vein/ veinlet hosted PoCpy

Alteration

207.07-210.7: Moderate, pervasive chlorite and carbonate alteration.

Structure

207.07-210.7: Shear; see major litho

Project: Project			Hole Number: MMC-21-19									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
210.7	251.99	3A - Nipissing gabbro	S00430776	210.7	211.67	0.97	0.00404	0.0311	0.0059	0.008	0.009	0.005
Gabbro. Dark grey, medium to locally fine grained, massive, non magnetic. Unit consists of 70-80% amphibole, 20-30% plagioclase. In fine grained areas mineralogy is difficult to determine due to "Candy Cane" texture from drilling. Chlorite, carbonate and localized potassic alteration are patchy through the unit, with chlorite alteration pervasive on the meter scale. A fragment of intercalated sediment or veining is found at the bottom of the unit, cross cut by quartz veins. Mineralization is associated with carbonate and quartz veins, neither which exceed 10cm in width. 235.09m-235.18m mineralization is in a quartz vein, CpyPo at 3-5%. However, mineralization over the unit ranges from barren to trace, 0.01%.			S00430777	211.67	212.76	1.09	0.00437	0.0335	0.0064	0.013	0.019	0.02
			S00430778	219.25	220.54	1.29	0.00446	0.0323	0.008	0.027	0.085	0.08
			S00430779	220.54	220.9	0.36	0.00408	0.0279	0.0058	0.009	0.074	0.03
			S00430781	220.9	222.0	1.1	0.00525	0.0106	0.0093	0.006	0.066	0.03
			S00430782	228.0	229.32	1.32	0.00498	0.0147	0.0098	0.063	0.02	0.01
Mineralization			S00430783	229.32	230.76	1.44	0.00529	0.0145	0.0101	0.0025	0.008	0.01
210.55-211.6: ~0.01% quartz-carbonate vein/ veinlet hosted PoCpy			S00430784	230.76	232.22	1.46	0.00507	0.0136	0.01	0.0025	0.009	0.005
219.25-220.0: ~0.01% disseminated PoCpy			S00430785	232.22	233.69	1.47	0.00515	0.014	0.0106	0.005	0.011	0.005
220.53-221.0: 0.1- quartz-carbonate vein hosted CpyPo			S00430786	233.69	234.99	1.3	0.00524	0.0159	0.0103	0.005	0.016	0.01
228.0-231.0: ~0.01% quartz-carbonate vein hosted CpyPo			S00430787	234.99	235.31	0.32	0.00657	0.5801	0.018	0.506	0.016	0.005
235.0-235.2: ~3-5% quartz-carbonate vein hosted CpyPo			S00430788	235.31	236.71	1.4	0.00497	0.0128	0.0108	0.0025	0.005	0.005
243.0-243.2: ~0.01% carbonate-quartz vein hosted PoCpy												
Alteration												
214.4-215.82: Weak, pervasive chlorite alteration												
215.82-215.93: Weak, patchy potassic alteration												
223.68-223.91: Weak, patchy potassic alteration												
227.34-232.0: Weak, patchy chlorite alteration												
240.47-241.3: Weak, pervasive chlorite alteration												
243.0-244.6: Weak, pervasive chlorite alteration												
251.28-252.0: Weak, patchy potassic alteration												
Structure												
210.7-210.71: Lower contact; Lower contact is sharp at ~ 45 DTCA												
212.02-212.04: Veins; ~2cm quartz-carbonate vein at 70 DTCA												
215.06-215.11: Veins; ~5cm wide quartz-carbonate vein at ~45 DTCA												
215.11-215.75: Foliation												
220.78-220.84: Veins; ~6cm wide quartz-carbonate vein at ~40 DTCA												
228.15-228.18: Veins; ~3cm wide brown carbonate vein at ~45 DTCA												
230.67-230.7: Veins; ~3cm wide quartz-carbonate vein at ~50 DTCA												
235.08-235.18: Veins; ~10cm wide mineralized quartz-carbonate vein at ~50 DTCA												
236.9-236.92: Veins; ~2cm wide carbonate-quartz vein at ~50 DTCA												
239.35-239.41: Veins; ~6cm wide quartz-carbonate vein at ~70 DTCA												

Project:	Project	Hole Number: MMC-21-19
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
		243.63-243.68: Veins; ~4cm wide brown carbonate-quartz vein at ~60 DTCA										
		244.13-244.16: Veins; ~3cm wide brown carbonate-quartz vein at ~55 DTCA										
		251.28-251.67: Veins; ~40cm wide clast/vein of cooked sediment or apalitic intrusion at ~20 DTCA										
		251.67-251.78: Veins; ~11cm wide quartz vein cross cutting the pervious structure at ~40 DTCA										

251.99 252

Alteration

251.28-252.0: Weak, patchy potassic alteration

Project: Project		Hole Number: MMC-21-20					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Jun-07-2021	Drilling Started: Jun-06-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jun-09-2021	Drilling Completed: Jun-08-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 125	Logged By: Geordie Hamilton	Drilling Contractor: Gyllis	Easting:	436305		
Casing: Mt	Actual Depth: 126			Northing:	5133492		
				Elevation:	323		

Target:

Comments: Drillers lost water in multiple fractures between 4.5-40m including a fault at ~38m

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	4.5	OB - Overburden										
4.5	5.55	4C - Quartz gabbro	S00430824	4.5	5.5	1	0.00326	0.0124	0.0088	0.0025	0.0025	0.005
Quartz gabbro. Dark grey, medium grained, massive, non magnetic. Consists of 70% amphibole+/- biotite with 25% interstitial plagioclase and ~5% quartz. Unit contains 0.01% disseminated Po-Cpy. Lower contact is sharp and irregular with underlying breccia.			S00430825	5.5	6.67	1.17	0.0186	0.2903	0.2498	0.15	0.346	0.34

Mineralization

4.5-5.5: ~0.01% disseminated Po-Cpy

5.5-11.35: Foliation controlled Po-Cpy occurs within breccia matrix ~0.5% and disseminated Po-Cpy occurs within melagabbro clasts ~0.1% (up to 5% at the decimetre scale).

Alteration

4.5-14.0: Weak, fracture-filling hematite alteration

Structure

5.54-5.55; Lower contact is sharp and irregular.

Project:		Hole Number: MMC-21-20										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
5.55	15.48	Structural breccia - Generic for structure related breccias	S00430825	5.5	6.67	1.17	0.0186	0.2903	0.2498	0.15	0.346	0.34
Pseudotachylite (?). Medium to dark grey, very fine grained matrix (~65%), non magnetic, weakly to locally moderately foliated ~25 DTCA. Clasts are gabbroic; possibly two different types of gabbro: 1) contains more plagioclase ~25% (similar to that above) with little to no mineralization and 2) plagioclase-poor (possibly melagabbro with black, spotted relict pyroxenes) with up to 5% disseminated Po-Cpy. Clasts are rounded to subrounded, mm-scale to >10cm with small mm-1cm clasts showing alignment (imbrication(?)) ~25 DTCA. Interval is cut by 0.1-5cm wide quartz-carbonate veining ~30-40 DTCA. Unit is also cut by many hematized fractures throughout. Foliation controlled Po-Cpy occurs within breccia matrix ~0.5% and disseminated Po-Cpy occurs within melagabbro clasts ~0.1% (up to 5% at the decimetre scale). Lower contact is sharp ~20 DTCA.			S00430826	6.67	8.06	1.39	0.00619	0.0336	0.0238	0.027	0.028	0.02
			S00430827	8.06	9.54	1.48	0.00516	0.0372	0.02	0.012	0.027	0.02
			S00430828	9.54	9.86	0.32	0.00935	0.0641	0.0803	0.067	0.127	0.1
			S00430829	9.86	10.82	0.96	0.00471	0.0211	0.0081	0.0025	0.008	0.005
			S00430831	10.82	11.35	0.53	0.0157	0.1603	0.173	0.144	0.299	0.21
Mineralization			S00430832	11.35	12.85	1.5	0.00465	0.0244	0.0121	0.009	0.013	0.01
5.5-11.35: Foliation controlled Po-Cpy occurs within breccia matrix ~0.5% and disseminated Po-Cpy occurs within melagabbro clasts ~0.1% (up to 5% at the decimetre scale).			S00430833	12.85	13.77	0.92	0.00473	0.0167	0.004	0.0025	0.0025	0.005
			S00430834	13.77	15.0	1.23	0.00434	0.0273	0.018	0.028	0.057	0.06
Alteration			S00430835	15.0	15.42	0.42	0.00711	0.0455	0.0471	0.023	0.051	0.03
4.5-14.0: Weak, fracture-filling hematite alteration			S00430836	15.42	16.49	1.07	0.0125	0.1489	0.0708	0.042	0.191	0.12
Structure												
5.55-10.0: Foliation												
12.17-12.25: Veins; ~6cm wide quartz-carbonate vein with vuggy texture ~40 DTCA												
13.8-14.1: Foliation												
15.47-15.48: Lower contact; Lower contact is sharp ~20 DTCA												

Project:		Project										
		Hole Number: MMC-21-20										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
15.48	37.59	4C - Quartz gabbro	S00430836	15.42	16.49	1.07	0.0125	0.1489	0.0708	0.042	0.191	0.12
Gabbro. Medium to dark grey, medium grained, massive, non magnetic. Consists of 60-70% amphibole with 30-40% interstitial plagioclase. Weak, fracture-filling chlorite locally. Interval is cut by 0.1-5cm quartz-carbonate veins ~30-70 DTCA. Quartz veins locally have comb texture and are vuggy associated with hematization. Quartz-carbonate veins are also locally associated with hard, light brown silicate vein mineral (actinolite(?)). Unit contains 0.5% fracture-filling Po-Cpy within the first metre of the interval. 0.01% quartz-carbonate vein hosted Cpy occurs locally, up to 5% at the cm-scale. Lower contact is sharp and irregular with underlying fault.			S00430837	16.49	18.0	1.51	0.00387	0.0031	0.0107	0.01	0.026	0.03
			S00430838	18.0	18.49	0.49	0.00289	0.0149	0.013	0.025	0.036	0.02
			S00430839	18.49	19.76	1.27	0.00459	0.0079	0.0106	0.016	0.042	0.02
			S00430841	19.76	21.26	1.5	0.00432	0.0135	0.0068	0.011	0.037	0.01
Mineralization			S00430842	21.26	22.72	1.46	0.00409	0.0106	0.0077	0.007	0.053	0.02
18.0-18.3: ~0.25% quartz-carbonate vein hosted Cpy			S00430843	22.72	24.0	1.28	0.00435	0.0251	0.0092	0.033	0.056	0.03
23.65-23.75: ~5% quartz-carbonate vein hosted Cpy			S00430844	24.0	25.46	1.46	0.00423	0.0144	0.0084	0.017	0.02	0.01
Alteration												
15.48-21.0: Weak, fracture-filling chlorite alteration												
26.5-35.0: Weak, fracture-filling hematite alteration												
35.0-37.78: Moderate, fracture-filling hematite alteration												
Structure												
20.28-20.32: Veins; 3cm wide quartz-carbonate-chlorite vein ~35 DTCA												
36.23-36.34: Veins; 10cm wide quartz vein with comb texture ~80-90 DTCA												
37.59	37.78	FLT - Fault										
Fault. Drillers lost water at this point. Consists of pervasively hematized, rubbly core with minor mud throughout. Vuggy quartz veins also occur throughout. Lower contact is sharp and irregular.												
Alteration												
35.0-37.78: Moderate, fracture-filling hematite alteration												
Structure												
37.59-37.78: Fault; see major litho												
37.78	43.74	4C - Quartz gabbro	S00430845	37.78	39.26	1.48	0.00472	0.0132	0.0175	0.0025	0.009	0.005
Similar to that described from 15.48-37.59m. Interval is also cut by hematized fractures containing vuggy quartz. Lower contact is sharp ~65 DTCA.			S00430846	39.26	40.77	1.51	0.00465	0.0177	0.0119	0.0025	0.01	0.01
			S00430847	40.77	42.26	1.49	0.00454	0.0197	0.0143	0.0025	0.013	0.02
Alteration			S00430848	42.26	43.74	1.48	0.00432	0.0123	0.0133	0.0025	0.01	0.005
37.78-48.0: Weak, fracture-filling hematite alteration												

Project: Project		Hole Number: MMC-21-20										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
43.74	69	4C - Quartz gabbro	S00430849	43.74	45.0	1.26	0.0239	0.3889	0.3203	0.461	0.524	0.42
<p>Gabbro; appears similar to Melagabbro (?). Dark green-grey, medium grained, non magnetic, massive. Consists of 70-80% amphibole and 20-30% plagioclase. Interval is cut by many hematized fractures with vuggy quartz and rock is locally, weakly hematized. Interval is cut by 0.1-2cm quartz-carbonate and quartz-actinolite (?-hard green silicate) 50-80 DTCA. Unit contains 5-10% disseminated Po-Cpy from 43.74-52.5m but transitions into 0.01% after 54m. Sulphides occur concentrated within plagioclase. Lower contact is gradational marked by colour change to medium grey-green.</p> <p>Mineralization</p> <p>43.74-52.4: Unit contains 5-10% disseminated Po-Cpy with minor fracture-fill Po-Cpy</p> <p>52.4-54.0: ~0.01-0.1% disseminated Po-Cpy</p> <p>Alteration</p> <p>37.78-48.0: Weak, fracture-filling hematite alteration</p> <p>64.0-64.1: Moderate, fracture-controlled chlorite alteration</p> <p>Structure</p> <p>52.38-52.39: Lower contact; Lower contact is gradational</p> <p>68.99-69.0: Lower contact; Lower contact is gradational marked by colour change to medium grey-green.</p>			S00430851	45.0	46.22	1.22	0.0208	0.422	0.3822	0.352	0.56	0.44
			S00430852	46.22	47.08	0.86	0.0178	0.4438	0.3674	0.329	0.516	0.38
			S00430853	47.08	48.0	0.92	0.0253	0.2066	0.3354	0.199	0.438	0.36
			S00430854	48.0	49.07	1.07	0.0192	0.4965	0.4008	0.288	0.513	0.44
			S00430855	49.07	50.09	1.02	0.019	0.4954	0.4087	0.283	0.563	0.46
			S00430856	50.09	51.1	1.01	0.0182	0.5051	0.3871	0.244	0.53	0.43
			S00430857	51.1	52.09	0.99	0.0207	0.4314	0.3761	0.306	0.516	0.4
			S00430858	52.09	52.39	0.3	0.0128	0.4135	0.2971	0.251	0.432	0.36
			S00430859	52.39	53.36	0.97	0.00517	0.0259	0.0282	0.014	0.02	0.02
			S00430861	53.36	54.0	0.64	0.00478	0.0101	0.0134	0.0025	0.009	0.01
			S00430862	54.0	55.5	1.5	0.0046	0.01	0.0122	0.0025	0.008	0.005
			S00430863	55.5	57.0	1.5	0.0045	0.0094	0.0118	0.0025	0.008	0.005
			S00430864	57.0	58.43	1.43	0.00462	0.0103	0.0126	0.0025	0.009	0.005
S00430865	58.43	59.92	1.49	0.00478	0.009	0.0128	0.0025	0.007	0.005			
S00430866	59.92	61.42	1.5	0.00463	0.0091	0.0128	0.0025	0.007	0.005			
S00430867	61.42	62.92	1.5	0.00432	0.0072	0.0121	0.006	0.014	0.005			
S00430868	62.92	63.78	0.86	0.00424	0.0079	0.0118	0.0025	0.008	0.005			

Project: Project			Hole Number: MMC-21-20												
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
69	125.99	4C - Quartz gabbro	S00430869	76.75	77.65	0.9	0.00456	0.0064	0.0132	0.0025	0.006	0.005			
<p>Gabbro. Medium grey-green, medium grained (locally fine grained), non magnetic, massive. Consists of ~60-70% amphibole and 30-40% interstitial plagioclase. Unit is cut by cm scale quartz-carbonate veins/stringers at ~60-80 DTCA. Localized potassic (?) pink/red veining from 69m-70.5m. The unit contains a right-lateral vein offset of 5cm from 77.89m-77.95m. Unit contains weak fracture fill chlorite alteration until 104m, and weak pervasive chlorite alteration to the end of the unit. Cpy mineralization is quartz-carbonate vein hosted at ~0.01% between the offset interval, 77.89m-77.95m, from 89.23m-89.27m, and 106.20m-106.25m. EOH</p> <p>Mineralization</p> <p>77.65-78.09: ~0.01% Cpy hosted in a quartz-carbonate vein that is offset 5cm</p> <p>89.15-89.45: ~0.05% quartz-carbonate vein hosted Cpy</p> <p>106.16-106.56: ~0.01% quartz-carbonate vein hosted cpy</p> <p>Alteration</p> <p>69.0-82.0: Weak, fracture-controlled chlorite alteration</p> <p>83.33-83.5: Weak/moderate, fracture-controlled chlorite alteration</p> <p>84.0-104.0: Weak, fracture-controlled chlorite alteration, & weak, fracture-controlled hematite alteration</p> <p>104.0-115.18: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>77.89-77.95: Slip surfaces; ~5cm slip offset of a quartz-carbonate vein</p> <p>95.41-95.46: Veins; ~5cm wide quartz-carbonate vein at ~55 DTCA</p> <p>117.11-117.17: Veins; 6cm wide quartz vein ~50 DTCA</p> <p>123.06-123.18: Veins; ~12cm wide irregular quartz-carbonate vein ~45 DTCA associated with weak, pink carbonate alteration (?) possibly rhodochrosite</p>			S00430871	77.65	78.09	0.44	0.00428	0.0064	0.0125	0.0025	0.006	0.005			
			S00430872	78.09	79.55	1.46	0.00454	0.0117	0.0133	0.0025	0.006	0.005			
			S00430873	87.64	89.15	1.51	0.00443	0.0081	0.0124	0.0025	0.014	0.005			
			S00430874	89.15	90.35	1.2	0.00448	0.1468	0.0135	0.025	0.015	0.005			
			S00430875	90.35	91.6	1.25	0.00442	0.0064	0.0134	0.0025	0.027	0.005			
			S00430876	91.6	92.16	0.56	0.00417	0.0056	0.013	0.0025	0.012	0.005			
			S00430877	92.16	93.0	0.84	0.00405	0.0037	0.0136	0.0025	0.01	0.005			
			S00430878	104.29	105.76	1.47	0.00452	0.0056	0.0153	0.0025	0.011	0.005			
			S00430879	105.76	106.56	0.8	0.00439	0.0066	0.0135	0.0025	0.0025	0.005			
			S00430881	106.56	108.0	1.44	0.00436	0.009	0.0154	0.0025	0.015	0.005			
			125.99	126	End of hole at 126m.										

Project: Project		Hole Number: MMC-21-21					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Jul-02-2021	Drilling Started: Jun-30-2021		Type: Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jul-08-2021	Drilling Completed: Jul-06-2021		Grid: NAD83 / UTM zone 17N		
Purpose: Infill	Planned Depth: 400	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis		Easting: 435994		
Casing: Mt	Actual Depth: 399				Northing: 5133371		
Elevation: 307							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	4.7	OB - Overburden										
4.7	8.12	1A - Quartzite	S00431349	6.0	7.47	1.47	0.00046	0.0033	0.0011	0.0025	0.0025	0.005
Quartzite. Light grey/blue, fine grained with a sugary appearance, weakly foliated at ~45 DTCA. Contains ~80% quartz (grey/blue to light red/pink), and ~20% amphibole. ~2-5cm quartz carbonate veins cross cut the unit at ~50 DTCA. ~0.01-0.1% fracture fill Py is present. Lower contact is sharp, ~50 DTCA.			S00431351	7.47	8.16	0.69	0.00038	0.002	0.0013	0.0025	0.0025	0.005
Mineralization												
6.0-14.23: ~0.01% fracture controlled Py												
Alteration												
4.7-8.12: Weak/weak moderate, pervasive silicification												
Structure												
5.0-8.11: Bedding; Bedding in metasedimentary unit, ~45 DTCA												
8.11-8.12: Lower contact; Lower contact ~50 DTCA												
8.12	14.23	4D - Biotite quartz diorite	S00431351	7.47	8.16	0.69	0.00038	0.002	0.0013	0.0025	0.0025	0.005
Quartz Diorite. Dark grey to brown, fine grained, massive, non-magnetic. Unit contains ~50% amphibole, ~20% plagioclase, ~20% biotite, and ~10% quartz. Weak hematite alteration zones occur making core appear light brown/pink. Contains ~0.01% fracture fill Py. Lower contact is sharp, ~60 DTCA.			S00431352	8.16	9.56	1.4	0.00064	0.0027	0.0025	0.0025	0.0025	0.005
			S00431353	9.56	10.95	1.39	0.00056	0.0022	0.0018	0.0025	0.0025	0.005
			S00431354	10.95	11.84	0.89	0.00049	0.0022	0.0021	0.0025	0.0025	0.005
Mineralization												
6.0-14.23: ~0.01% fracture controlled Py												
Structure												
14.22-14.23: Lower contact; irregular lower contact, ~70 DTCA												
			S00431355	11.84	12.8	0.96	0.00058	0.0024	0.002	0.0025	0.0025	0.005
			S00431356	12.8	14.25	1.45	0.00111	0.0047	0.0034	0.01	0.0025	0.005

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
14.23	15.79	QCV - Quartz-carbonate Vein	S00431356	12.8	14.25	1.45	0.00111	0.0047	0.0034	0.01	0.0025	0.005
Quartz-carbonate vein. White grey, fine grained matrix, massive to irregular, non-magnetic. Contains ~30% of host rock QD. Patchy, moderate/moderate strong chlorite alteration veins. Contains ~0.1-0.5% disseminated Po, and ~0.01-0.1% disseminated PyCpy. Lower contact is sharp, ~55 DTCA.			S00431357	14.25	15.75	1.5	0.00094	0.0045	0.0031	0.013	0.0025	0.005
			S00431358	15.75	17.21	1.46	0.00067	0.0046	0.0016	0.0025	0.0025	0.005
Mineralization												
14.23-15.79: ~0.1% disseminated Po, and ~0.01% disseminated PyCpy												
Alteration												
14.23-15.79: Moderate, patchy veins of chlorite alteration												
Structure												
14.23-15.78: Veins; See major litho												
15.78-15.79: Lower contact; Lower contact sharp, ~55 DTCA												
15.79	27.24	4D - Biotite quartz diorite	S00431358	15.75	17.21	1.46	0.00067	0.0046	0.0016	0.0025	0.0025	0.005
Quartz Diorite. Similar to previous from 8.12m-14.23m. Contains localized fragments of quartzite. Lower contact is sharp, ~35 DTCA.			S00431359	17.21	18.68	1.47	0.0005	0.0034	0.0018	0.0025	0.0025	0.005
			S00431361	18.68	20.15	1.47	0.00089	0.0047	0.0021	0.0025	0.0025	0.005
Mineralization												
15.79-27.7: ~0.01% fracture fill py												
Alteration												
15.79-27.24: Weak, pervasive silicification												
Structure												
15.79-21.0: Bedding; Weak bedding, ~50 DTCA												
27.23-27.24: Lower contact; Lower contact sharp, ~ 35 DTCA												
27.24	28.46	SHR - Shearzone	S00431366	26.05	27.27	1.22	0.00057	0.0052	0.0016	0.0025	0.0025	0.005
Shearzone. Contains 0.1-0.5cm quartz-carbonate and chlorite alteration stringers. Foliation of shear ~30DTCA. Contains ~0.5% disseminated Po, ~0.1% disseminated Py, and ~0.01-0.1% disseminated Cpy. Lower contact is sharp, ~30 DTCA.			S00431367	27.27	28.51	1.24	0.0068	0.0374	0.0363	0.079	0.076	0.08
Mineralization												
15.79-27.7: ~0.01% fracture fill py												
Alteration												
27.24-28.46: Weak/moderate, pervasive chlorite alteration												
Structure												
27.24-28.45: Shear; See major litho												
28.45-28.46: Lower contact; Lower contact sharp, ~30 DTCA												

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
28.46	33.62	4D - Biotite quartz diorite	S00431367	27.27	28.51	1.24	0.0068	0.0374	0.0363	0.079	0.076	0.08
Quartz-diorite. Similar to 8.12m-14.23m. Contains ~0.01% quartz-carbonate vein hosted to disseminated PoPyCpy. Lower contact is sharp, ~25 DTCA.			S00431368	28.51	29.87	1.36	0.00132	0.0119	0.0051	0.01	0.005	0.005
Mineralization			S00431369	29.87	31.27	1.4	0.00096	0.0074	0.0025	0.0025	0.0025	0.005
28.51-32.0: ~0.01% disseminated PoPy			S00431371	31.27	32.75	1.48	0.00094	0.0055	0.0021	0.0025	0.0025	0.005
Structure			S00431372	32.75	33.61	0.86	0.00091	0.0024	0.0181	0.0025	0.0025	0.005
33.61-33.62: Lower contact; Lower contact sharp, ~25 DTCA			S00431373	33.61	34.97	1.36	0.00553	0.0183	0.0219	0.0025	0.0025	0.005
33.62	36.7	PSEU - Pseudotachylite	S00431373	33.61	34.97	1.36	0.00553	0.0183	0.0219	0.0025	0.0025	0.005
Pseudotachylite. Grey green, fine grained, foliated to brecciated as contains tabular to sub-rounded fragments (quartz grains, pink quartzite), non-magnetic. Contains weak pervasive chlorite alteration and mm-scale wispy quartz-carbonate stringers. Fragments are 0.1-7cm wide. Appears to be dominated by amphibole (~80%+) with lesser plagioclase (~<20%). Fragments are elongated along weak foliation at ~25 DTCA. Lower contact is sharp and irregular, marked by intermixing with clast, ~10 DTCA.			S00431374	34.97	36.18	1.21	0.00494	0.0123	0.0064	0.0025	0.0025	0.005
Mineralization			S00431375	36.18	36.86	0.68	0.00274	0.009	0.0084	0.0025	0.007	0.005
36.0-39.0: ~0.01% disseminated to quartz-carbonate vein hosted PoPy												
Structure												
33.62-36.69: breccia; See major litho												
36.69-36.7: Lower contact; Lower contact sharp, ~10-20 DTCA												
36.7	38.09	1A - Quartzite	S00431375	36.18	36.86	0.68	0.00274	0.009	0.0084	0.0025	0.007	0.005
Quartzite fragment. Light grey/brown with light pink, weakly bedded to massive. Similar to previous quartzite 4.7m-8.12m. Intermixed with ~2cm wide quartz-carbonate vein ~15 DTCA. Contains ~+90% quartz, ~<10% biotite and amphibole. No observed mineralization. Lower contact is sharp, ~30 DTCA.			S00431376	36.86	38.16	1.3	0.00077	0.0086	0.0029	0.0025	0.0025	0.005
Mineralization												
36.0-39.0: ~0.01% disseminated to quartz-carbonate vein hosted PoPy												
Alteration												
36.7-38.09: Weak/moderate, pervasive silicification, and weak, patchy chlorite alteration												
Structure												
36.7-38.08: Veins; sedimentary fragment/ veining												
38.08-38.09: Lower contact; Lower contact sharp, ~30 DTCA												

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
38.09	38.87	PSEU - Pseudotachylite	S00431376	36.86	38.16	1.3	0.00077	0.0086	0.0029	0.0025	0.0025	0.005
Pseudotachylite. Similar to previous from 33.62m-36.7m. Contains larger pink quartzite clasts (~4-14cm long). Green grey matrix/host rock similar with tabular grey quartz. Contains ~0.01% disseminated Po. Lower contact is sharp, ~30 DTCA.			S00431377	38.16	39.0	0.84	0.00337	0.0231	0.0114	0.008	0.009	0.005
Mineralization												
36.0-39.0: ~0.01% disseminated to quartz-carbonate vein hosted PoPy												
Alteration												
38.09-41.55: Weak, pervasive chlorite alteration												
Structure												
38.09-38.86: breccia; See major litho												
38.86-38.87: Lower contact; Lower contact sharp, ~25 DTCA												
38.87	41.55	4C - Quartz gabbro	S00431377	38.16	39.0	0.84	0.00337	0.0231	0.0114	0.008	0.009	0.005
Quartz gabbro. Light green grey, fine grained, massive, non-magnetic. Contains ~70% amphibole, ~20% plagioclase, and ~10% quartz +/- biotite. Weak, pervasive chlorite alteration with wispy mm-scale quartz-carbonate stringers. No observed mineralization. Lower contact is sharp and irregular, ~40 DTCA.			S00431378	39.0	40.2	1.2	0.00563	0.0128	0.0055	0.0025	0.0025	0.005
			S00431379	40.2	41.52	1.32	0.00554	0.012	0.0068	0.0025	0.0025	0.005
			S00431381	41.52	42.28	0.76	0.00204	0.005	0.0048	0.007	0.0025	0.005
Mineralization												
36.0-39.0: ~0.01% disseminated to quartz-carbonate vein hosted PoPy												
Alteration												
38.09-41.55: Weak, pervasive chlorite alteration												
Structure												
41.54-41.55: Lower contact; Lower contact sharp, ~35 DTCA												
41.55	43.5	1A - Quartzite	S00431381	41.52	42.28	0.76	0.00204	0.005	0.0048	0.007	0.0025	0.005
Quartzite. Massive to brecciated, fine grained, pink brown to grey brown quartz, with a light grey green matrix. Contains >90% quartz. Pink quartz appears brecciated while grey quartz is more massive. Weak patchy chlorite alteration flows through matrix surrounding quartzite fragments. Contains ~0.1% disseminated Cpy, most often associated with blue grey quartz. Lower contact is sharp, ~25 DTCA.			S00431382	42.28	43.64	1.36	0.00152	0.0253	0.0046	0.008	0.0025	0.005
Mineralization												
42.45-49.1: ~0.1% disseminated to quartz-carbonate vein hosted PoCpy												
Alteration												
41.55-43.0: Weak, pervasive chlorite alteration, and moderate, pervasive silicification												
43.0-44.8: Moderate, patchy silicification, and weak, pervasive chlorite alteration												
Structure												
41.55-43.49: Veins; See major litho												
43.49-43.5: Lower contact; Lower contact sharp, ~90 DTCA												

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
43.5	46.31	PSEU - Pseudotachylite	S00431382	42.28	43.64	1.36	0.00152	0.0253	0.0046	0.008	0.0025	0.005
Pseudotachylite. Weakly foliated, fine grained, light grey green with pink/brown fragments, non-magnetic. Contains ~3-7cm wide quartzite clasts. Matrix is dominated by amphibole (~70%?) and blue quartz ~20%. Contains ~0.01-0.1% quartz-carbonate vein hosted PoCpy. Lower contact is sharp, ~40 DTCA.			S00431383	43.64	45.0	1.36	0.00412	0.0156	0.0084	0.0025	0.005	0.005
			S00431384	45.0	46.4	1.4	0.00493	0.0155	0.0063	0.0025	0.0025	0.005
Mineralization												
42.45-49.1: ~0.1% disseminated to quartz-carbonate vein hosted PoCpy												
Alteration												
43.0-44.8: Moderate, patchy silicification, and weak, pervasive chlorite alteration												
44.8-49.1: Weak, pervasive, chlorite alteration												
Structure												
43.5-46.3: breccia; See major litho												
46.3-46.31: Lower contact; Lower contact is sharp, ~40 DTCA												
46.31	47.29	4C - Quartz gabbro	S00431384	45.0	46.4	1.4	0.00493	0.0155	0.0063	0.0025	0.0025	0.005
Quartz gabbro. Similar to previous at 38.87m-41.55m. Grey brown, fine grained, massive, ~70% amphibole, 20% plagioclase, and ~10% quartz. No observed mineralization. Lower contact is sharp, ~25 DTCA.			S00431385	46.4	47.2	0.8	0.00214	0.003	0.0061	0.0025	0.0025	0.005
			S00431386	47.2	48.0	0.8	0.00351	0.0188	0.0112	0.009	0.01	0.01
Mineralization												
42.45-49.1: ~0.1% disseminated to quartz-carbonate vein hosted PoCpy												
Alteration												
44.8-49.1: Weak, pervasive, chlorite alteration												
Structure												
46.31-47.28: breccia; See major litho												
47.28-47.29: Lower contact; Lower contact sharp, ~25 DTCA												
47.29	49.1	PSEU - Pseudotachylite	S00431386	47.2	48.0	0.8	0.00351	0.0188	0.0112	0.009	0.01	0.01
Pseudotachylite. Similar to previous at 43.5m-46.31m. Quartzite fragments ~0.5-4cm wide. Matrix foliated grey green with wispy quartz-carbonate stringers following foliation ~35-40 DTCA. ~0.01-0.1% disseminated PoCpy. Lower contact is sharp, ~35 DTCA.			S00431387	48.0	49.07	1.07	0.00372	0.0276	0.0117	0.012	0.012	0.01
			S00431388	49.07	49.74	0.67	0.011	0.1134	0.0627	0.006	0.019	0.005
Mineralization												
42.45-49.1: ~0.1% disseminated to quartz-carbonate vein hosted PoCpy												
Alteration												
44.8-49.1: Weak, pervasive, chlorite alteration												
Structure												
47.29-49.09: breccia; See major litho												
49.09-49.1: Lower contact; Lower contact sharp, ~40 DTCA												

Project: Project			Hole Number: MMC-21-21									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
49.1	49.78	QCV - Quartz-carbonate Vein	S00431388	49.07	49.74	0.67	0.011	0.1134	0.0627	0.006	0.019	0.005
Quartz carbonate vein. White grey, massive to brecciated. Contains chlorite laminae surrounding quartz crystals. Light green patches (actinolite?) present in vein, along with tan carbonate. Contains ~3% disseminated Po, ~1-2% disseminated Cpy, and ~1% Py. Lower contact is sharp and irregular.			S00431389	49.74	51.08	1.34	0.00489	0.0138	0.006	0.0025	0.0025	0.005
Mineralization												
49.1-49.9: ~3% disseminated Po, ~1-2% disseminated Cpy, and ~1% disseminated Py, all of which found in a quartz-carbonate vein												
Alteration												
49.1-50.1: Weak, pervasive chlorite alteration, and weak, fracture/vein controlled Hematization												
Structure												
49.1-49.77: Veins; See major litho												
49.77-49.78: Lower contact; Lower contact irregular and sharp, ~40 DTCA												
49.78	66.41	3A - Nipissing gabbro	S00431389	49.74	51.08	1.34	0.00489	0.0138	0.006	0.0025	0.0025	0.005
Gabbro. Fine grained, grey green, massive, non-magnetic. Contains ~70% amphibole, ~20-30% plagioclase +/- quartz +/- biotite. Multiple 1-5cm quartz-carbonate and/or brown carbonate veins containing PoCpy mineralization. Overall, the unit contains ~0.1% quartz-carbonate vein hosted Po, and ~0.01% quartz-carbonate vein hosted PyCpy. Locally, Po can be ~5-8%, Py ~1-2%, and Cpy ~0.5-1%. Lower contact is sharp, ~40 DTCA.			S00431391	51.08	52.53	1.45	0.00557	0.0104	0.0057	0.0025	0.0025	0.005
			S00431392	52.53	54.0	1.47	0.00547	0.011	0.0049	0.0025	0.0025	0.005
			S00431393	54.0	55.39	1.39	0.00592	0.0155	0.0058	0.0025	0.0025	0.005
Mineralization			S00431394	55.39	56.88	1.49	0.00562	0.0098	0.0059	0.0025	0.0025	0.005
49.1-49.9: ~3% disseminated Po, ~1-2% disseminated Cpy, and ~1% disseminated Py, all of which found in a quartz-carbonate vein			S00431395	56.88	58.29	1.41	0.00568	0.0087	0.0065	0.0025	0.0025	0.005
49.9-59.25: ~0.01% disseminated PoPy			S00431396	58.29	59.25	0.96	0.00554	0.008	0.0057	0.0025	0.0025	0.005
59.25-60.07: ~3% quartz-carbonate vein hosted Po, ~0.5% QCVH Py, and ~0.01% QCVH Cpy			S00431397	59.25	59.67	0.42	0.00656	0.027	0.0074	0.0025	0.0025	0.005
60.07-66.38: ~0.01% disseminated Po			S00431398	59.67	60.07	0.4	0.024	0.0308	0.036	0.0025	0.0025	0.005
66.38-66.84: ~2% disseminated Po, and ~1-2% disseminated Cpy			S00431399	60.07	61.31	1.24	0.0054	0.0104	0.0052	0.0025	0.0025	0.005
Alteration			S00431401	61.31	62.32	1.01	0.00546	0.0099	0.0056	0.0025	0.0025	0.005
49.1-50.1: Weak, pervasive chlorite alteration, and weak, fracture/vein controlled Hematization			S00431402	62.32	63.64	1.32	0.00499	0.0101	0.0057	0.0025	0.0025	0.005
58.2-73.0: Weak, patchy, carbonate alteration			S00431403	63.64	64.89	1.25	0.00493	0.0084	0.0058	0.0025	0.0025	0.005
Structure			S00431404	64.89	66.38	1.49	0.00485	0.0071	0.0058	0.0025	0.0025	0.005
50.0-50.1: Slip surfaces; ~3cm offset of pink/white quartz vein ~90 DTCA			S00431405	66.38	66.85	0.47	0.00306	0.1444	0.0069	0.007	0.0025	0.005
66.4-66.41: Lower contact; Lower contact sharp, ~40 DTCA												

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
66.41	66.84	QCV - Quartz-carbonate Vein	S00431405	66.38	66.85	0.47	0.00306	0.1444	0.0069	0.007	0.0025	0.005
<p>Quartz carbonate vein. Similar to previous from 49.1m-49.78m. White grey/blue quartz, brown carbonate veining, weak chloritic laminae. Contains ~2-3% disseminated Po, ~1% disseminated Cpy. Brown carbonate veining within the vein is more pervasive than compared unit previously. Lower contact is sharp, ~60 DTCA.</p> <p>Mineralization 66.38-66.84: ~2% disseminated Po, and ~1-2% disseminated Cpy</p> <p>Alteration 58.2-73.0: Weak, patchy, carbonate alteration</p> <p>Structure 66.41-66.83: Veins; See major litho 66.83-66.84: Lower contact; Lower contact sharp, ~50 DTCA</p>												
66.84	68.99	3A - Nipissing gabbro	S00431405	66.38	66.85	0.47	0.00306	0.1444	0.0069	0.007	0.0025	0.005
<p>Gabbro. Similar to previous from 49.78m-66.41m. Weak chlorite alteration. ~0.01% disseminated Po. Lower contact is sharp, ~55 DTCA.</p> <p>Alteration 58.2-73.0: Weak, patchy, carbonate alteration</p> <p>Structure 68.98-68.99: Lower contact; Lower contact sharp, ~55 DTCA</p>												
			S00431406	66.85	68.3	1.45	0.00489	0.006	0.006	0.0025	0.0025	0.005
			S00431407	68.3	69.0	0.7	0.00463	0.0076	0.0065	0.0025	0.0025	0.005
68.99	69.45	QCV - Quartz-carbonate Vein	S00431407	68.3	69.0	0.7	0.00463	0.0076	0.0065	0.0025	0.0025	0.005
<p>Quartz-carbonate vein. White grey quartz, off-white carbonate, massive to patchy veining. ~0.1% disseminated Po, and ~0.01% disseminated PyCpy. Lower contact is sharp, ~65DTCA.</p> <p>Alteration 58.2-73.0: Weak, patchy, carbonate alteration</p> <p>Structure 68.99-69.44: Veins; See major litho 69.44-69.45: Lower contact; Lower contact sharp, ~80 DTCA</p>												
			S00431408	69.0	69.46	0.46	0.00425	0.0184	0.009	0.0025	0.0025	0.005

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
69.45	77.92	3A - Nipissing gabbro	S00431408	69.0	69.46	0.46	0.00425	0.0184	0.009	0.0025	0.0025	0.005
Generic Gabbro. Similar to previous from 49.78m-66.41m. Weak chlorite alteration. ~0.01% disseminated Po. Lower contact is sharp, ~15 DTCA.			S00431409	69.46	70.89	1.43	0.00409	0.0042	0.0062	0.0025	0.0025	0.005
Alteration			S00431411	70.89	72.43	1.54	0.00456	0.008	0.0058	0.0025	0.0025	0.005
58.2-73.0: Weak, patchy, carbonate alteration			S00431412	72.43	73.91	1.48	0.00488	0.0103	0.0055	0.0025	0.0025	0.005
73.0-77.92: Weak pervasive chlorite ad leucoxene alteration			E00099505	73.91	75.38	1.47	0.00285	0.0027	0.0054	0.0025	0.0025	0.005
Structure			E00099506	75.38	76.81	1.43	0.0053	0.0093	0.0076	0.0025	0.0025	0.005
73.91-74.09: Veins; 17cm quartz-carbonate vein ~40 DTCA			E00099507	76.81	77.92	1.11	0.0041	0.0045	0.0067	0.0025	0.0025	0.005
74.59-74.87: Veins; 30cm quartz-carbonate vein ~45 DTCA												
75.0-75.27: Veins; 26cm quartz-carbonate vein ~35 DTCA												
77.52-77.8: Veins; 27cm quartz-carbonate vein ~35 DTCA												
77.91-77.92: Lower contact; Lower contact is sharp ~15 DTCA												
77.92	79	PSEU - Pseudotachylite	E00099508	77.92	79.42	1.5	0.00431	0.009	0.0083	0.006	0.009	0.005
Pseudotachylite. Medium-dark beige-grey, very fine grained matrix, non magnetic. Contains a strong fabric ~25 DTCA defined by elongate, cm-scale fragments of quartzite. Contains 0.01% foliation controlled Po. 0.5cm orange vein occurs along upper contact - carbonate or potassic (?). Lower contact is sharp ~25 DTCA.												
Alteration												
77.92-80.95: Moderate, pervasive silicification and weak, fracture-filling chlorite												
Structure												
77.92-78.99: Foliation; Foliation/fabric of the Pseudotachylite unit ~25 DTCA												
78.99-79.0: Lower contact; Lower contact is sharp ~25 DTCA												
79	80.44	1A - Quartzite	E00099508	77.92	79.42	1.5	0.00431	0.009	0.0083	0.006	0.009	0.005
Quartzite. Light-medium grey-brown, weakly bedded, non magnetic, contains >90% quartz. Unit is highly recrystallized with localized sand-sized grains still discernable. Weak fracture filling chlorite. No mineralization observed. Lower contact is sharp ~35 DTCA.			E00099509	79.42	80.92	1.5	0.00128	0.0037	0.0041	0.007	0.008	0.005
Alteration												
77.92-80.95: Moderate, pervasive silicification and weak, fracture-filling chlorite												
Structure												
79.0-80.43; Bedding of quartzite ~30 DTCA												
80.43-80.44: Lower contact; Lower contact is sharp ~35 DTCA												

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
80.44	80.95	PSEU - Pseudotachylite	E00099509	79.42	80.92	1.5	0.00128	0.0037	0.0041	0.007	0.008	0.005
Similar to that described from 77.92-79m. Fabric of breccia appears mylonitic ~35 DTCA. 0.1% foliation controlled Po. Lower contact is sharp ~30 DTCA.			E00099510	80.92	82.45	1.53	0.00537	0.0106	0.0062	0.0025	0.0025	0.005
Alteration												
77.92-80.95: Moderate, pervasive silicification and weak, fracture-filling chlorite												
Structure												
80.44-80.94: Foliation; Foliation/fabric of the Pseudotachylite unit ~35 DTCA												
80.94-80.95: Lower contact; Lower contact is sharp ~30 DTCA												
80.95	85.88	3A - Nipissing gabbro	E00099510	80.92	82.45	1.53	0.00537	0.0106	0.0062	0.0025	0.0025	0.005
Fine grained Gabbro. Dark grey, fine grained, non magnetic, massive gabbro. Weak, patches of chlorite alteration occur as haloes associated with quartz-carbonate veining. Interval is cut by 0.1-25cm quartz-carbonate veins ~20-60 DTCA. 0.01% quartz-carbonate hosted Po. Lower contact is sharp ~70 DTCA.			E00099511	82.45	83.94	1.49	0.00687	0.0257	0.0177	0.022	0.026	0.04
			E00099512	83.94	84.4	0.46	0.00324	0.0106	0.0115	0.0025	0.0025	0.005
			S00431413	84.4	85.88	1.48	0.00478	0.005	0.0062	0.0025	0.0025	0.005
Mineralization												
83.94-84.2: ~0.5% quartz-carbonate vein hosted Po												
Alteration												
80.95-85.88: Weak, patchy chlorite alteration associated with quartz-carbonate veining												
Structure												
83.94-84.2: Veins; 25cm quartz-carbonate vein ~20-25 DTCA												
85.87-85.88: Lower contact; Lower contact is sharp ~70 DTCA												
85.88	86.62	QCV - Quartz-carbonate Vein	S00431414	85.88	86.68	0.8	0.00138	0.0056	0.0026	0.0025	0.0025	0.005
Quartz-carbonate breccia vein. Light white-grey quartz-carbonate with cm-scale, chloritized gabbro fragments. Interval contains 0.1% quartz-carbonate vein hosted PoCpy. Lower contact is sharp and irregular.												
Mineralization												
85.88-86.62: ~1% quartz-carbonate vein hosted Po with ~0.25% Cpy												
Structure												
85.88-86.61: Veins; see major litho												
86.61-86.62: Lower contact; Lower contact is sharp and irregular												

Project: Project			Hole Number: MMC-21-21									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
86.62	93.73	3A - Nipissing gabbro	S00431414	85.88	86.68	0.8	0.00138	0.0056	0.0026	0.0025	0.0025	0.005
Similar to that described from 90.95-85.88m. Unit grades from fine to medium grained between 87-90m and then grades back into fine grained after 92m - possibly narrow, later-stage intrusion (?). Medium grained gabbro contains ~70% amphibole/pyroxene and ~30% plagioclase. Lower contact is sharp ~5-10 DTCA.			S00431415	86.68	87.82	1.14	0.00498	0.0051	0.006	0.0025	0.0025	0.005
			S00431416	87.82	88.8	0.98	0.0048	0.0151	0.0079	0.005	0.006	0.01
			S00431417	88.8	90.0	1.2	0.00483	0.0091	0.0054	0.0025	0.0025	0.005
Mineralization			E00099513	90.0	91.45	1.45	0.00532	0.0113	0.0051	0.0025	0.0025	0.005
88.0-88.8: ~1% quartz-carbonate vein hosted Po			E00099514	91.45	92.89	1.44	0.00478	0.0115	0.0061	0.0025	0.0025	0.005
92.33-92.52: ~0.5% quartz-carbonate vein hosted Po			E00099516	92.89	94.39	1.5	0.00546	0.0144	0.0117	0.008	0.014	0.02
Alteration												
86.62-101.02: Weak, pervasive chlorite alteration												
Structure												
92.33-92.52: Veins; 20cm quartz-carbonate vein ~20 DTCA with 0.5% Po												
93.72-93.73: Lower contact; Lower contact is sharp ~5-10 DTCA												
93.73	101.02	PSEU - Pseudotachylite	E00099516	92.89	94.39	1.5	0.00546	0.0144	0.0117	0.008	0.014	0.02
Pseudotachylite. Medium-dark brown-grey, very fine grained matrix, non magnetic. Contains a strong fabric ~0-10 DTCA defined by elongate fragments of quartzite. ~30-40% matrix and 60-70% fragments. Weak chlorite alteration of matrix and localized biotite. Also hosts 1-50cm quartz gabbro and possibly quartz diorite fragments throughout. Locally contains 0.01% foliation controlled Po and 0.01% quartz-carbonate vein hosted PoCpy. Lower contact is sharp ~35 DTCA.			E00099517	94.39	95.8	1.41	0.00536	0.02	0.0126	0.007	0.012	0.005
			E00099518	95.8	97.28	1.48	0.00497	0.0367	0.0157	0.02	0.034	0.07
			E00099519	97.28	98.72	1.44	0.00369	0.0413	0.0118	0.007	0.013	0.02
Mineralization			E00099520	98.72	100.04	1.32	0.00396	0.0122	0.0225	0.013	0.026	0.02
95.3-95.35: ~3-5% quartz-carbonate vein hosted Po			E00099521	100.04	101.0	0.96	0.00236	0.0058	0.0083	0.008	0.014	0.005
96.0-96.4: ~1-2% quartz-carbonate hosted Po			E00099522	101.0	102.38	1.38	0.00513	0.0277	0.0071	0.0025	0.0025	0.005
Alteration												
86.62-101.02: Weak, pervasive chlorite alteration												
Structure												
93.73-94.4: Foliation; Foliation/fabric of the Pseudotachylite unit ~5-10 DTCA												
94.4-97.5: breccia; see major litho												
97.5-99.2: Foliation; Foliation/fabric of the Pseudotachylite unit ~25 DTCA												
99.2-100.5: Foliation; Foliation/fabric of the Pseudotachylite unit ~5 DTCA												
100.5-101.01: Foliation; Foliation/fabric of the Pseudotachylite unit ~35 DTCA												
101.01-101.02: Lower contact; Lower contact is sharp ~35 DTCA												

Project:		Hole Number: MMC-21-21										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
101.02	102.68	3A - Nipissing gabbro	E00099522	101.0	102.38	1.38	0.00513	0.0277	0.0071	0.0025	0.0025	0.005
Fine grained gabbro. Similar to that described from 86.62-93.73m. No mineralization observed. Lower contact is sharp ~40 DTCA.			E00099523	102.38	103.78	1.4	0.00499	0.0132	0.007	0.0025	0.0025	0.005
Structure												
102.67-102.68: Lower contact; Lower contact is sharp ~40 DTCA												
102.68	107.8	PSEU - Pseudotachylite	E00099523	102.38	103.78	1.4	0.00499	0.0132	0.007	0.0025	0.0025	0.005
Pseudotachylite. Medium grey, very fine grained matrix surrounds gabbroic fragments up to 50cm wide. Unit only contains ~20% matrix with ~80% fragments. Locally contains 0.1% disseminated PoCpy within matrix and gabbroic fragments. Lower contact is sharp ~25 DTCA.			E00099524	103.78	105.22	1.44	0.00501	0.0328	0.0132	0.01	0.031	0.02
			E00099526	105.22	106.72	1.5	0.00553	0.0493	0.0142	0.011	0.023	0.03
Mineralization			E00099527	106.72	108.14	1.42	0.00565	0.0326	0.0218	0.012	0.042	0.05
106.7-106.85: ~1 quartz-carbonate vein hosted Cpy												
Structure												
102.68-107.79: breccia; see major litho												
107.79-107.8: Lower contact; Lower contact is sharp ~25 DTCA												
107.8	114.47	3A - Nipissing gabbro	E00099527	106.72	108.14	1.42	0.00565	0.0326	0.0218	0.012	0.042	0.05
Gabbro. Dark grey, medium grained, non magnetic, massive, equigranular. Unit contains ~60% amphibole/pyroxene and 40% interstitial plagioclase. Weak, patchy hematite alteration associated with healed fault structure (?) at 111.07-111.11m ~50 DTCA. 0.01% disseminated PoCpy is also associated with this structure. Lower contact is sharp ~60 DTCA.			E00099528	108.14	109.56	1.42	0.00439	0.0361	0.0122	0.024	0.039	0.1
			E00099529	109.56	110.91	1.35	0.00466	0.0444	0.0169	0.03	0.066	0.06
			E00099530	110.91	111.51	0.6	0.00697	0.0373	0.0159	0.009	0.026	0.03
Mineralization			S00431418	111.51	113.0	1.49	0.00482	0.0132	0.011	0.007	0.028	0.02
111.0-111.1: ~0.5% disseminated Cpy			S00431419	113.0	114.47	1.47	0.0044	0.0167	0.0112	0.005	0.01	0.01
Alteration												
110.7-112.2: Weak, pervasive hematite alteration												
Structure												
111.07-111.11: Fault; 4-5cm wide zone of healed breccia-possibly healed fault ~50 DTCA. Zone is also associated with minor quartz-carbonate veining and hematite alteration												
114.46-114.47: Lower contact; Lower contact is sharp ~60 DTCA												
114.47	115.69	PSEU - Pseudotachylite	S00431421	114.47	115.69	1.22	0.00786	0.0909	0.0513	0.019	0.063	0.07
Pseudotachylite. Dark grey, very fine grained matrix surrounds gabbroic fragments up to 10cm wide. Unit contains ~70% matrix with ~30% fragments. Contains 0.5-1.0% disseminated PoCpy within matrix. Lower contact is sharp ~35 DTCA.												
Mineralization												
114.47-115.69: ~1-2% disseminated PoCpy												
Structure												
114.47-115.68: breccia; see major litho												
115.68-115.69: Lower contact; Lower contact is sharp ~35 DTCA												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
115.69	130.3	3A - Nipissing gabbro	S00431422	115.69	117.0	1.31	0.00477	0.021	0.0127	0.02	0.032	0.1
Similar to that described from 107.8-114.47m. Interval contains ~Lower contact is sharp ~30 DTCA.			S00431423	117.0	118.5	1.5	0.0048	0.0136	0.0098	0.007	0.118	0.05
Mineralization			E00099531	118.5	120.0	1.5	0.00504	0.0139	0.0095	0.006	0.067	0.03
119.0-121.0: ~0.1% quartz-carbonate vein hosted PoCpy			E00099532	120.0	121.45	1.45	0.00499	0.0099	0.0097	0.0025	0.021	0.02
123.53-123.94: ~1% quartz-carbonate vein hosted Po and 0.25% Cpy			E00099533	121.45	122.69	1.24	0.00483	0.0089	0.0099	0.0025	0.022	0.005
125.72-125.82: ~0.5% quartz-carbonate vein hosted Cpy			S00431424	122.69	123.53	0.84	0.00466	0.0082	0.01	0.0025	0.01	0.005
Structure			S00431425	123.53	123.94	0.41	0.00397	0.0403	0.0087	0.006	0.024	0.01
130.02-130.03: Lower contact; Lower contact is sharp ~30 DTCA.			S00431426	123.94	124.73	0.79	0.00504	0.0104	0.0111	0.0025	0.007	0.005
			E00099534	124.73	126.13	1.4	0.005	0.0118	0.0105	0.0025	0.009	0.005
			E00099536	126.13	127.6	1.47	0.0051	0.012	0.0107	0.0025	0.013	0.005
			E00099537	127.6	129.0	1.4	0.00474	0.0087	0.0101	0.0025	0.011	0.01
			E00099538	129.0	130.03	1.03	0.00499	0.006	0.0102	0.0025	0.021	0.01
			E00099539	130.03	131.47	1.44	0.0058	0.0103	0.0054	0.0025	0.0025	0.005
130.3	144.72	4C - Quartz gabbro	E00099539	130.03	131.47	1.44	0.0058	0.0103	0.0054	0.0025	0.0025	0.005
Quartz Gabbro (?). Dark grey, fine-medium grained, massive, equigranular, non magnetic. Upper contact is chilled with overlying gabbro unit. Consists of ~60-70% amphibole/pyroxene, 30-40% plagioclase, and 5% blue-grey quartz. No mineralization observed. Unit is cut by 0.1-30cm pinkish-white quartz-carbonate veins ~20 DTCA. Unit may contain several cm-scale stringers of pseudotachylite between 143.5-143.8m. Towards lower contact unit contains subangular quartzite fragments ~5-10cm and one 10cm gabbro fragment (looks like Nipissing - equigranular, medium grained, plag-rich). Lower contact is sharp ~40 DTCA.			E00099540	131.47	132.91	1.44	0.00519	0.0093	0.0051	0.0025	0.0025	0.005
			E00099541	132.91	134.33	1.42	0.00547	0.0099	0.005	0.0025	0.0025	0.005
			E00099542	134.33	135.74	1.41	0.00589	0.0113	0.0055	0.0025	0.0025	0.005
			E00099543	135.74	137.18	1.44	0.00525	0.0082	0.0058	0.0025	0.0025	0.005
Mineralization			E00099544	137.18	138.62	1.44	0.00447	0.0052	0.0055	0.0025	0.0025	0.005
144.0-144.72: ~0.5% disseminated Po within quartzite fragments			E00099546	138.62	140.12	1.5	0.00562	0.0092	0.0059	0.0025	0.0025	0.005
Alteration			E00099547	140.12	141.0	0.88	0.00536	0.0107	0.0056	0.0025	0.0025	0.005
143.1-144.0: Weak to moderate, pervasive carbonate alteration			E00099548	141.0	141.89	0.89	0.00529	0.0105	0.0063	0.0025	0.0025	0.005
Structure			S00431427	141.89	143.25	1.36	0.005	0.0061	0.0094	0.0025	0.0025	0.005
138.15-138.4: Veins; 25cm pinkish-white quartz-carbonate vein ~20 DTCA			S00431428	143.25	144.7	1.45	0.00265	0.0087	0.0088	0.0025	0.007	0.005
144.71-144.72: Lower contact; Lower contact is sharp ~40 DTCA.			S00431429	144.7	145.46	0.76	0.00059	0.0044	0.0023	0.0025	0.0025	0.005
144.72	145.46	1A - Quartzite	S00431429	144.7	145.46	0.76	0.00059	0.0044	0.0023	0.0025	0.0025	0.005
Quartzite. Medium grey, weakly bedded ~20 DTCA. No sulphides observed. Lower contact is sharp and irregular.												
Structure												
144.72-145.45; Weak bedding of quartzite ~20 DTCA												
145.45-145.46: Lower contact; Lower contact is sharp and irregular												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
145.46	146.29	PSEU - Pseudotachylite	S00431431	145.46	146.29	0.83	0.00364	0.0834	0.0282	0.016	0.026	0.02

Possibly Pseudotachylite or magmatic breccia. Contains 0.1-10cm fragments of quartzite with a gabbroic matrix similar to that described above. Matrix becomes very fine grained towards lower contact with a foliation ~30 DTCA - may represent chilled margin or pseudotachylite. Foliation controlled PoCpy occurs ~0.5-1.0% concentrated along lower contact. Lower contact is sharp ~45 DTCA.

Mineralization

145.9-146.29: ~1% foliation controlled PoCpy

Structure

145.9-146.28: Foliation

146.28-146.29: Lower contact; Lower contact is sharp ~45 DTCA.

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
146.29	177.46	4B - Melagabbro	S00431432	146.29	147.16	0.87	0.0242	0.537	0.4266	0.256	0.583	0.46
<p>Melagabbro (?). Dark grey, medium grained, massive to weakly foliated locally, equigranular, non magnetic. Upper contact is chilled with overlying gabbro unit. Consists of ~60-70% amphibole/pyroxene, 30-40% plagioclase. Unit also contains 0.1-1cm fragments of quartz locally <5%-likely metasediment. Sulphide mineralization occurs dominantly as disseminated PoCpy with localized cm-scale blebs with zones of 5-10% at 146.29-154.19m and 183-189.56m. Intervals in between range from 1-5% PoCpy. 1-2mm seam of mud occurs @ 162.85m ~30 DTCA - slip plane. Unit is cut by 0.1-5cm quartz-carbonate veins ~20-30 DTCA. Unit contains several cm-scale stringers of wispy, foliated material - possibly pseudotachylite (i.e., 154.9m). Lower contact is sharp ~45 DTCA.</p> <p>Mineralization</p> <p>146.29-147.16: ~5% disseminated PoCpy</p> <p>147.16-148.61: ~0.5% disseminated to foliation controlled PoCpy</p> <p>148.61-154.14: ~5-8% disseminated PoCpy with localized 0.5-1.0 cm blebs</p> <p>154.14-155.25: ~3-5% disseminated PoCpy</p> <p>155.25-157.47: ~0.1% disseminated PoCpy</p> <p>157.47-160.47: ~0.5-1.0% disseminated PoCpy</p> <p>160.47-161.33: ~1-2% disseminated PoCpy</p> <p>161.33-169.1: ~1-2% disseminated PoCpy</p> <p>169.1-169.98: ~1-2% disseminated PoCpy</p> <p>169.98-173.44: ~1-2% disseminated PoCpy</p> <p>174.6-174.7: ~1% fracture controlled PoCpy</p> <p>Structure</p> <p>148.25-148.61: Foliation</p> <p>162.82-162.83: Slip surfaces; 1-2mm muddy slip plane ~30 DTCA</p> <p>171.0-174.0: Foliation</p> <p>177.45-177.46: Lower contact; Lower contact is sharp ~45 DTCA</p>			S00431433	147.16	148.61	1.45	0.00639	0.0799	0.0475	0.022	0.044	0.04
			S00431434	148.61	150.0	1.39	0.0228	0.3378	0.3168	0.144	0.196	0.25
			S00431435	150.0	151.3	1.3	0.0244	0.3512	0.341	0.153	0.238	0.24
			S00431436	151.3	152.38	1.08	0.022	0.3625	0.2925	0.159	0.251	0.2
			S00431437	152.38	153.15	0.77	0.0262	0.7401	0.3483	0.21	0.34	0.38
			S00431438	153.15	154.14	0.99	0.0193	0.2421	0.2469	0.111	0.206	0.17
			S00431439	154.14	155.25	1.11	0.018	0.2015	0.2282	0.15	0.187	0.15
			S00431442	155.25	156.67	1.42	0.00536	0.0206	0.0077	0.0025	0.0025	0.005
			S00431443	156.67	157.47	0.8	0.00557	0.0388	0.0104	0.0025	0.0025	0.005
			S00431444	157.47	159.0	1.53	0.00708	0.0579	0.0361	0.017	0.026	0.02
S00431445	159.0	160.47	1.47	0.00664	0.0607	0.0367	0.022	0.03	0.03			
S00431446	160.47	161.33	0.86	0.0104	0.1442	0.0957	0.079	0.083	0.1			
S00431447	161.33	162.82	1.49	0.0096	0.0585	0.0628	0.048	0.059	0.05			
S00431448	162.82	164.12	1.3	0.00784	0.0877	0.0684	0.038	0.052	0.04			
S00431449	164.12	165.5	1.38	0.00696	0.0804	0.0579	0.039	0.054	0.05			
S00431451	165.5	167.0	1.5	0.00644	0.0572	0.0475	0.032	0.033	0.03			
S00431452	167.0	168.0	1	0.00723	0.0957	0.0498	0.059	0.051	0.05			
S00431453	168.0	169.1	1.1	0.00632	0.0286	0.0492	0.108	0.075	0.06			
S00431454	169.1	169.98	0.88	0.00886	0.0728	0.0752	0.071	0.061	0.06			
S00431455	169.98	171.18	1.2	0.00711	0.0706	0.0477	0.028	0.036	0.03			
S00431456	171.18	172.39	1.21	0.00763	0.0834	0.0602	0.031	0.05	0.04			
S00431457	172.39	173.44	1.05	0.0069	0.0707	0.0516	0.036	0.066	0.04			
S00431458	173.44	174.93	1.49	0.00466	0.0265	0.0082	0.006	0.0025	0.005			
S00431459	174.93	176.1	1.17	0.00443	0.01	0.0142	0.0025	0.0025	0.005			
S00431461	176.1	177.45	1.35	0.00515	0.0106	0.0283	0.0025	0.006	0.005			
S00431462	177.45	178.2	0.75	0.00663	0.0236	0.0394	0.017	0.027	0.05			

Project:		Project										Hole Number: MMC-21-21				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)				
177.46	178.78	SHR - Shearzone	S00431462	177.45	178.2	0.75	0.00663	0.0236	0.0394	0.017	0.027	0.05				
Shear zone. Dark grey, fine grained, non magnetic, moderately foliated ~40 DTCA. Unit contains ~0.5% foliation controlled/disseminated PoCpy. Protolith is likely gabbro but no primary texture remains. Lower contact is sharp ~40 DTCA.			S00431463	178.2	178.8	0.6	0.0105	0.0429	0.0752	0.042	0.095	0.1				
Mineralization			178.2-178.78: ~0.25% disseminated PoCpy													
Structure			177.46-178.77: Shear; see major litho 178.77-178.78: Lower contact; Lower contact is sharp ~40 DTCA													
178.78	192.56	4B - Melagabbro	S00431463	178.2	178.8	0.6	0.0105	0.0429	0.0752	0.042	0.095	0.1				
Same unit as that described from 146.29-177.46 m. Lower contact is gradational marked by increased foliation strength.			S00431464	178.8	180.03	1.23	0.0134	0.0751	0.1265	0.083	0.147	0.11				
Mineralization			S00431465	180.03	181.48	1.45	0.013	0.1426	0.1487	0.084	0.16	0.14				
178.78-183.0: ~3-5% blebby to disseminated PoCpy with ~0.5cm blebs			S00431466	181.48	183.0	1.52	0.0143	0.1657	0.1673	0.087	0.172	0.15				
183.0-191.13: ~5-10% blebby to disseminated PoCpy with ~0.5cm blebs			S00431467	183.0	184.12	1.12	0.0167	0.3414	0.229	0.137	0.253	0.24				
191.13-194.4: ~0.5% disseminated PoCpy			S00431468	184.12	185.45	1.33	0.0237	0.3526	0.3786	0.181	0.337	0.31				
Structure			S00431469	185.45	186.58	1.13	0.0166	0.3786	0.2814	0.155	0.326	0.29				
192.55-192.56: Lower contact; Lower contact is gradational marked by increasing foliation strength.			S00431471	186.58	187.72	1.14	0.0205	0.4699	0.3401	0.332	0.426	0.35				
			S00431472	187.72	189.0	1.28	0.015	0.3069	0.2523	0.272	0.338	0.25				
			S00431473	189.0	189.56	0.56	0.0135	0.3375	0.2464	0.157	0.322	0.35				
			S00431474	189.56	191.13	1.57	0.0143	0.266	0.2179	0.099	0.203	0.15				
			S00431475	191.13	192.52	1.39	0.00624	0.0482	0.0317	0.023	0.041	0.06				
			S00431476	192.52	193.5	0.98	0.00743	0.1232	0.0909	0.069	0.126	0.12				
192.56	194.4	SHR - Shearzone	S00431476	192.52	193.5	0.98	0.00743	0.1232	0.0909	0.069	0.126	0.12				
Sheared gabbro or quartz diorite. Medium grey-beige, fine grained, moderately foliated - appears to have two foliations (possibly S-C or crenulation) at 40 DTCA and 10 DTCA. Carbonate and chlorite alteration are weak and pervasive. Disseminated and quartz-carbonated hosted PoCpy ~0.5-1.0%. Lower contact is sharp ~25 DTCA.			S00431477	193.5	194.4	0.9	0.00616	0.0504	0.0545	0.073	0.08	0.07				
Mineralization			191.13-194.4: ~0.5% disseminated PoCpy													
Alteration			192.56-194.4: Weak, pervasive chlorite and carbonate alteration													
Structure			192.56-194.39: Shear; see major litho 194.39-194.4: Lower contact; Lower contact is sharp ~25 DTCA													

Project:		Project										Hole Number:		MMC-21-21	
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
194.4	197.85	4D - Biotite quartz diorite	S00431478	194.4	195.85	1.45	0.00245	0.0239	0.0199	0.007	0.006	0.005			
<p>Quartz Diorite (?). Dark grey with tan patches, fine grained, non magnetic, brecciated with weak foliation ~40 DTCA. Contains ~5-10% 1mm quartz phenocrysts surrounded by fine matrix of amphibole and plagioclase. Also contains 5-20cm diffuse fragments of quartzite. Moderate, patchy sericite (tan patches) and appears to contain moderate, pervasive silicification. Unit is cut by 1-35cm quartz veins ~30-40 DTCA. Sulphides occur as quartz-carbonate vein hosted PoCpy ~1%, up to 5% in veins with 0.01% fine, silvery sulphide (Galena or Pentlandite(?)). Lower contact is sharp ~40 DTCA.</p>			S00431479	195.85	197.11	1.26	0.00232	0.0036	0.0063	0.014	0.0025	0.005			
			S00431481	197.11	197.85	0.74	0.00184	0.0043	0.0049	0.009	0.0025	0.005			
<p>Mineralization 195.0-195.5: ~3-5% quartz-carbonate vein hosted PoCpy</p>															
<p>Alteration 194.4-197.85: Moderate, patchy sericite alteration and moderate, pervasive silicification</p>															
<p>Structure 197.84-197.85: Lower contact; Lower contact is sharp ~40 DTCA</p>															
197.85	199.82	1A - Quartzite	S00431482	197.85	199.34	1.49	0.00074	0.0046	0.001	0.0025	0.0025	0.005			
<p>Quartzite. Light to medium brown-grey, massive, non magnetic. Unit is highly recrystallized with >90% quartz; sand sized quartz grains are still discernable locally. Moderate, pervasive silicification along upper contact. Lower contact is sharp ~15 DTCA.</p>															
<p>Alteration 197.85-199.0: Moderate, pervasive silicification</p>															
<p>Structure 199.81-199.82: Lower contact; Lower contact is sharp ~15 DTCA</p>															
199.82	200.48	QCV - Quartz-carbonate Vein													
<p>Quartz-carbonate vein. Light grey-white, massive. Contains 0.1% quartz-carbonate vein hosted Po. Lower contact is sharp ~25 DTCA.</p>															
<p>Mineralization 199.82-200.48: ~0.01% quartz-carbonate vein hosted Po</p>															
<p>Structure 199.82-200.47: Veins; see major litho 200.47-200.48: Lower contact; Lower contact is sharp ~25 DTCA</p>															

Project:		Project										Hole Number: MMC-21-21				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)				
200.48	206.37	1A - Quartzite	S00431483	202.88	203.37	0.49	0.00023	0.0069	0.0005	0.006	0.0025	0.005				
Similar to that described from 197.85-199.82m. Lower contact is sharp ~30 DTCA.																
Mineralization																
202.88-203.37: 1% quartz-carbonate hosted PoCpy with 0.1% Pentlandite (?) - silvery sulphide along margin of PoCpy																
Structure																
202.88-203.37: Veins; 45cm quartz-carbonate vein with upper contact of 50 DTCA and lower contact of 25 DTCA																
206.36-206.37: Lower contact; Lower contact is sharp ~30 DTCA																
206.37	208.2	QCV - Quartz-carbonate Vein	S00431484	206.37	207.5	1.13	0.00023	0.0039	0.0012	0.0025	0.0025	0.005				
Similar to that described from 199.82-200.48m. Unit also contains quartzite due to irregular orientation of quartz vein. Sulphides occur as quartz-carbonate vein hosted Po ~0.1% and silvery metallic sulphide ~0.01% - galena or pentlandite(?). Lower contact is sharp ~15 DTCA.																
Mineralization																
206.37-208.2: ~0.1% quartz-carbonate vein hosted PoCpy and ~0.01% Pentlandite (?)																
Structure																
206.37-208.2: Veins; see major litho																
208.2	266.45	1A - Quartzite	S00431485	207.5	208.26	0.76	0.00007	0.0024	0.0005	0.0025	0.0025	0.005				
Similar to that described from 197.85-199.82m. Ranges from light grey-brown to medium grey-brown. Unit is cut by cm-scale intrusions of QD. Overall unit is relatively massive with localized bedding ~35 DTCA. Unit is also cut by 0.1-40cm quartz veins ~20-70 DTCA - mostly 20-35 DTCA. Quartz vein hosted pyrite occurs ~0.1%, locally up to 1% at the decimeter scale. Quartz vein @ 226.36-226.53m contains strange dark grey metallic looking mineral with grey streak (?) - mineral occurs lining vein wall with a fragmented to acicular habit. Lower contact is sharp ~10 DTCA.																
Mineralization																
209.75-210.11: ~0.5-1% quartz-carbonate vein hosted Po																
210.11-216.4: ~0.01% quartz-carbonate hosted to fracture-filling Py																
216.4-216.65: ~2% quartz-carbonate vein hosted Po and 0.25% Cpy																
216.65-221.0: ~0.25% quartz-carbonate vein hosted Py and ~0.1% Po																
223.0-235.0: 0.01% quartz-carbonate vein hosted Py																
238.0-266.45: 0.01% disseminated Py																
Alteration																
209.0-266.45: Moderate, patchy silicification																
Structure																
232.5-233.0																
234.5-236.0																
266.44-266.45: Lower contact; Lower contact is sharp ~10 DTCA.																

Project:		Project											Hole Number: MMC-21-21					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)						
266.45	268	SHR - Shearzone	S00431489	266.45	267.0	0.55	0.00456	0.0282	0.007	0.006	0.005	0.005						
Sheared gabbro (?). Dark grey-black, moderately foliated, non magnetic. Weak, pervasive chlorite and carbonate alteration. Unit contains 0.01% fracture-filling PoCpy. Lower contact is gradational marked by decreased foliation intensity.			S00431491	267.0	268.0	1	0.0047	0.0128	0.0074	0.0025	0.008	0.005						
Mineralization																		
266.45-266.6: ~0.5% fracture fill PoCpy																		
267.0-268.0: ~0.1% foliation/fracture controlled Po																		
Alteration																		
266.45-268.5: Weak, pervasive chlorite and carbonate alteration																		
Structure																		
266.45-267.99: Shear; see major litho																		
267.99-268.0: Lower contact; Lower contact is gradational marked by decreasing foliation intensity																		
268	269.41	4C - Quartz gabbro	S00431492	268.0	269.42	1.42	0.00441	0.0106	0.007	0.005	0.008	0.005						
Quartz gabbro. Dark grey-green, fine grained, massive, non magnetic. Fine grained nature of unit makes mineralogical estimation difficult. ~5% mm-scale quartz occur floating in a fine grained gabbroic matrix - possibly fragments of quartzite (?). Unit is cut by cm-scale quartz carbonate veins ~40-50 DTCA. 0.01% disseminated Po. Lower contact is sharp ~30 DTCA.																		
Alteration																		
266.45-268.5: Weak, pervasive chlorite and carbonate alteration																		
Structure																		
269.4-269.41: Lower contact; Lower contact is sharp ~30 DTCA																		
269.41	270.67	4D - Biotite quartz diorite	S00431492	268.0	269.42	1.42	0.00441	0.0106	0.007	0.005	0.008	0.005						
Quartz diorite. Medium grey, salt and pepper texture, massive, non magnetic. Consists of ~70 plagioclase, ~10-15% quartz, and 15-20% biotite/amphibole. Contains ~0.5-1.0% disseminated PoCpy. Lower contact is diffuse.			S00431493	269.42	270.67	1.25	0.0033	0.0111	0.0068	0.0025	0.0025	0.005						
Mineralization																		
269.41-270.67: ~0.5-1.0% disseminated PoCpy																		
Structure																		
270.66-270.67: Lower contact; Lower contact is diffuse																		

Project: Project			Hole Number: MMC-21-21												
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
270.67	286.6	4C - Quartz gabbro	S00431494	270.67	272.0	1.33	0.00347	0.0044	0.0071	0.0025	0.007	0.005			
<p>Similar to that described from 268-269.41m. Unit becomes more medium grained. Consists of ~40% plagioclase, 5-10% quartz, and 50% amphibole/pyroxene. Interval contains 0.1-1cm quartz-carbonate veins ~30-40 DTCA. 0.01% Po associated with quartz-carbonate veinlets. Lower contact is gradational marked by increased foliation strength.</p> <p>Structure 286.59-286.6: Lower contact; Lower contact is gradational marked by increased foliation strength</p>			S00431495	272.0	273.46	1.46	0.004	0.0052	0.0071	0.0025	0.01	0.005			
			S00431496	273.46	274.93	1.47	0.00421	0.0109	0.0075	0.007	0.01	0.005			
			S00431497	274.93	276.44	1.51	0.00454	0.0141	0.0079	0.01	0.011	0.005			
			S00431498	276.44	277.87	1.43	0.00477	0.0131	0.008	0.007	0.011	0.01			
			S00431499	277.87	279.27	1.4	0.00461	0.0138	0.008	0.007	0.011	0.005			
			S00431501	279.27	280.66	1.39	0.00483	0.0147	0.0078	0.007	0.012	0.01			
			S00431502	280.66	282.0	1.34	0.00498	0.0138	0.0075	0.007	0.011	0.01			
			S00431503	282.0	283.5	1.5	0.00489	0.0152	0.0077	0.007	0.012	0.01			
			S00431504	283.5	285.0	1.5	0.00486	0.0147	0.0081	0.006	0.011	0.01			
			S00431505	285.0	285.94	0.94	0.00478	0.0142	0.0077	0.006	0.012	0.01			
			S00431506	285.94	286.6	0.66	0.00494	0.0155	0.0082	0.006	0.011	0.01			
			286.6	287.86	SHR - Shearzone	S00431507	286.6	287.86	1.26	0.00466	0.0157	0.0076	0.0025	0.01	0.01
			<p>Sheared gabbro. Dark grey-green, fine grained, moderately foliated with anastomosing fabric (possibly S-C fabric or crenulated) - two foliations - @ 20 DTCA and 40 DTCA. Weak-moderate, pervasive chlorite and carbonate alteration. Spotted biotite alteration throughout. No sulphide mineralization observed. Lower contact is sharp ~35 DTCA.</p> <p>Mineralization 287.0-287.1: 0.1% quartz-carbonate vein hosted</p> <p>Alteration 286.6-287.86: Weak, pervasive chlorite and carbonate alteration. Weak, spotted biotite alteration</p> <p>Structure 286.6-287.85: Shear; see major litho 287.85-287.86: Lower contact; Lower contact is sharp ~35 DTCA.</p>												
287.86	298.66	4C - Quartz gabbro	S00431508	287.86	289.28	1.42	0.00491	0.0144	0.0073	0.007	0.01	0.01			
<p>Similar to that described from 268-269.41m. Moderate, spotted biotite alteration occurs ~291-293m. Interval contains 0.1-3cm quartz-carbonate veins ~15-40 DTCA. 0.01% disseminated Po. Lower contact is sharp ~25 DTCA.</p> <p>Alteration 291.0-293.0: Weak, spotted biotite alteration</p> <p>Structure 298.65-298.66: Lower contact; Lower contact is sharp ~25 DTCA.</p>			S00431509	289.28	290.69	1.41	0.00495	0.0154	0.0078	0.006	0.012	0.01			
			S00431511	290.69	292.15	1.46	0.00464	0.0147	0.0068	0.005	0.01	0.01			
			S00431512	292.15	293.55	1.4	0.00385	0.0115	0.0063	0.0025	0.0025	0.005			
			S00431513	293.55	295.04	1.49	0.00476	0.0082	0.0069	0.0025	0.005	0.01			
			S00431514	295.04	296.52	1.48	0.00459	0.0113	0.0078	0.0025	0.006	0.005			
			S00431515	296.52	297.97	1.45	0.00422	0.0051	0.009	0.0025	0.007	0.005			
S00431516	297.97	299.22	1.25	0.00273	0.009	0.0067	0.008	0.005	0.005						

Project: Project			Hole Number: MMC-21-21									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
298.66	299.18	QV - Quartz vein Quartz Vein. Smoky grey, massive quartz vein with no observed sulphides. Vein is oriented ~20-25 DTCA. Lower contact is sharp ~20 DTCA.	S00431516	297.97	299.22	1.25	0.00273	0.009	0.0067	0.008	0.005	0.005
Structure 298.66-299.17: Veins; see major litho 299.17-299.18: Lower contact; Lower contact is sharp ~20 DTCA.												
299.18	308	4C - Quartz gabbro Similar to that described from 268-269.41m. Interval contains 0.1-0.5cm quartz-carbonate veins ~30-50 DTCA. No sulphides observed. Lower contact is gradational marked by the appearance of varitexture.	S00431516	297.97	299.22	1.25	0.00273	0.009	0.0067	0.008	0.005	0.005
			S00431517	299.22	300.0	0.78	0.00555	0.0056	0.0164	0.0025	0.013	0.01
			S00431518	300.0	300.9	0.9	0.00544	0.021	0.0139	0.007	0.013	0.01
Structure 307.99-308.0: Lower contact; Lower contact is gradational marked by appearance of varitextured gabbro												
			S00431519	300.9	302.24	1.34	0.00524	0.009	0.0156	0.005	0.012	0.01
			S00431521	302.24	303.67	1.43	0.00469	0.0066	0.0133	0.0025	0.02	0.01
			S00431522	303.67	305.1	1.43	0.00512	0.0064	0.0145	0.0025	0.011	0.005
			S00431523	305.1	306.55	1.45	0.00497	0.0106	0.0135	0.0025	0.01	0.005
			S00431524	306.55	307.99	1.44	0.005	0.0076	0.0138	0.0025	0.01	0.005
			S00431525	307.99	309.44	1.45	0.00497	0.0093	0.0137	0.0025	0.011	0.005
308	324	4C - Quartz gabbro Varitextured quartz gabbro. Medium to dark grey, fine-medium grained with localized coarse grained sections at the decimeter scale. Unit is non magnetic and varitextured. Consists of 30-40% plagioclase, 60-70% amphibole with <5% translucent, grey-blue quartz. Weak, patchy hematite staining of plagioclase occurs throughout. Unit becomes more felsic in more coarse grained, leucocratic pods. Unit is cut by 0.1-2cm quartz-carbonate veins ~ 20-45 DTCA. Narrow 0.5-1cm wide slip plane ~0-5 DTCA occurs from 319.1-320m with weak mud and chloritic slickenlines. 0.01% disseminated Po locally. Lower contact is gradational marked by consistent coarse grain.	S00431525	307.99	309.44	1.45	0.00497	0.0093	0.0137	0.0025	0.011	0.005
			S00431526	309.44	310.9	1.46	0.0047	0.0107	0.0117	0.0025	0.01	0.005
			S00431527	310.9	312.31	1.41	0.00481	0.0106	0.0114	0.0025	0.01	0.005
			S00431528	312.31	313.73	1.42	0.0045	0.011	0.0109	0.005	0.01	0.005
			S00431529	313.73	315.1	1.37	0.00479	0.0106	0.0103	0.0025	0.01	0.005
Mineralization 310.1-310.3: ~0.5% disseminated PoCpy concentrated within leucocratic pod 313.45-313.55: ~0.1% quartz-carbonate vein hosted Cpy												
			S00431531	315.1	316.62	1.52	0.00463	0.0116	0.01	0.0025	0.01	0.01
			S00431532	316.62	318.08	1.46	0.00451	0.0074	0.0097	0.0025	0.009	0.005
			S00431533	318.08	319.39	1.31	0.00449	0.0117	0.0096	0.0025	0.009	0.005
Alteration 308.5-360.0: Weak-moderate, patchy hematite staining of plagioclase												
			S00431534	319.39	320.86	1.47	0.00447	0.0051	0.0097	0.005	0.01	0.005
			S00431535	320.86	322.28	1.42	0.0047	0.0078	0.0098	0.0025	0.009	0.005
Structure 319.1-320.0: Slip surfaces; ~0.5-1cm wide slip plane ~0-5 DTCA with localized chloritic mud 323.99-324.0: Lower contact; Lower contact is gradational marked by consistent coarse grain size.												
			S00431536	322.28	322.98	0.7	0.00426	0.0047	0.0094	0.0025	0.008	0.005
			S00431537	322.98	324.0	1.02	0.00454	0.0083	0.01	0.0025	0.009	0.005

Project:		Hole Number: MMC-21-21													
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
324	358	3B - Nipissing quartz gabbro	S00431538	324.0	325.46	1.46	0.00453	0.0067	0.0102	0.006	0.008	0.005			
Pegmatitic Gabbro. Dark grey, coarse grained, non magnetic, massive to locally varitextured. Consists of ~25-35% plagioclase, 60-70% amphibole/pyroxene, and 5% quartz. Leucocratic pods contain higher proportions of quartz and plagioclase. Weak, patchy hematite staining of plagioclase occurs throughout. Sporadic zones of foliation occur at the decimeter scale ~40-50 DTCA (i.e., 346.66-346.8m). Unit is cut by 0.1-5cm quartz-carbonate veins ~ 30-70 DTCA. Disseminated PoCpy occurs ~0.01% overall and up to 2% locally at the sub-metre scale (i.e., 357-358m). Localized quartz-carbonate hosted PoCpy occurs up to 5% (i.e., 353-353.05m). Lower contact is gradational marked by fining of grain size to medium grained.			S00431539	325.46	326.74	1.28	0.00451	0.0061	0.009	0.0025	0.008	0.005			
			S00431541	326.74	328.26	1.52	0.00452	0.0113	0.0088	0.005	0.009	0.005			
			S00431542	328.26	329.67	1.41	0.00567	0.0143	0.0104	0.0025	0.008	0.005			
			S00431543	329.67	331.08	1.41	0.0053	0.0066	0.0104	0.0025	0.007	0.005			
			S00431544	331.08	332.54	1.46	0.00541	0.0149	0.0088	0.0025	0.006	0.005			
			S00431545	332.54	333.97	1.43	0.00525	0.0192	0.0097	0.006	0.006	0.01			
			S00431546	333.97	335.44	1.47	0.0056	0.0181	0.0065	0.0025	0.006	0.005			
			S00431547	335.44	336.91	1.47	0.00479	0.0205	0.006	0.007	0.014	0.02			
			S00431548	336.91	338.31	1.4	0.00476	0.0192	0.0057	0.007	0.009	0.01			
			S00431549	338.31	339.81	1.5	0.00408	0.027	0.0042	0.01	0.007	0.02			
Mineralization 336.4-336.5: ~1% quartz-carbonate vein hosted Cpy 338.2-344.4: ~0.1% disseminated PoCpy concentrated within leucocratic pods 344.4-344.75: ~1% disseminated Po and 0.1% Cpy 346.3-347.13: ~0.5% finely disseminated PoCpy 347.13-347.4: ~1% disseminated Cpy and 0.25% Po with 0.5% quartz-carbonate vein hosted PoCpy 349.4-350.05: ~0.1% quartz-carbonate vein hosted PoCpy 350.05-351.8: 0.1% disseminated PoCpy 351.8-352.42: ~3% disseminated PoCpy 352.42-352.85: ~0.5% disseminated PoCpy 352.85-353.18: 1-2% quartz-carbonate hosted PoCpy with 0.5% disseminated PoCpy 353.18-354.38: ~0.5% disseminated PoCpy 354.38-355.37: ~1% disseminated PoCpy 355.37-356.19: ~0.5% disseminated PoCpy 356.19-357.0: ~1% disseminated PoCpy 357.0-358.0: ~2% disseminated PoCpy			S00431551	339.81	341.25	1.44	0.00441	0.0219	0.0063	0.008	0.007	0.02			
			S00431552	341.25	342.6	1.35	0.0043	0.021	0.0052	0.01	0.0025	0.005			
			S00431553	342.6	343.66	1.06	0.005	0.021	0.0061	0.011	0.0025	0.01			
			S00431554	343.66	344.29	0.63	0.00478	0.037	0.0048	0.014	0.007	0.02			
			S00431555	344.29	344.74	0.45	0.00393	0.0372	0.0035	0.018	0.0025	0.005			
			S00431556	344.74	346.21	1.47	0.00479	0.0276	0.006	0.04	0.0025	0.005			
			S00431557	346.21	347.13	0.92	0.00448	0.027	0.0056	0.015	0.008	0.01			
			S00431558	347.13	347.51	0.38	0.00519	0.1619	0.007	0.043	0.007	0.03			
			S00431559	347.51	348.72	1.21	0.00478	0.0241	0.0064	0.01	0.0025	0.005			
			S00431561	348.72	349.4	0.68	0.00488	0.0261	0.0061	0.011	0.02	0.02			
Alteration 308.5-360.0: Weak-moderate, patchy hematite staining of plagioclase			S00431562	349.4	350.06	0.66	0.00451	0.0278	0.006	0.013	0.041	0.05			
			S00431563	350.06	351.0	0.94	0.00441	0.0331	0.0051	0.023	0.066	0.06			
			S00431564	351.0	351.8	0.8	0.00464	0.0155	0.0062	0.008	0.035	0.04			
			Structure 357.99-358.0: Lower contact; Lower contact is gradational marked by fining of grain size to medium grained.			S00431565	351.8	352.42	0.62	0.00749	0.0631	0.005	0.009	0.017	0.02
						S00431566	352.42	352.85	0.43	0.00455	0.0232	0.0043	0.0025	0.0025	0.005
						S00431567	352.85	353.18	0.33	0.0126	0.0293	0.0254	0.007	0.0025	0.005
						S00431568	353.18	354.38	1.2	0.00415	0.0138	0.0048	0.011	0.008	0.01
						S00431569	354.38	355.37	0.99	0.00535	0.0296	0.0067	0.012	0.005	0.005
						S00431571	355.37	356.19	0.82	0.00434	0.0288	0.0049	0.009	0.0025	0.005
						S00431572	356.19	357.0	0.81	0.00442	0.0254	0.0037	0.049	0.0025	0.005
S00431573	357.0	358.0				1	0.00547	0.042	0.0034	0.226	0.0025	0.005			

Project: Project			Hole Number: MMC-21-21									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
358	398.99	4C - Quartz gabbro	S00431574	358.0	359.44	1.44	0.00452	0.016	0.0072	0.006	0.042	0.03
Similar to that described from 308-324 m. Shakespeare or Nipissing quartz gabbro? Several decimeter scale zones of weak-moderate foliation occur throughout ~50-60 DTCA. Cm-scale felsic pods occur locally composed of 70% plagioclase, 10% quartz and 20% amphibole/biotite. Decimeter scale pink aplite intrusions occur locally (i.e., 377.53-377.63m). Unit s cut by 0.1-10cm at 45-65 DTCA. No sulphides observed. EOH			S00431575	359.44	360.91	1.47	0.00472	0.0123	0.0083	0.0025	0.02	0.005
			S00431576	360.91	362.31	1.4	0.00484	0.0111	0.0089	0.0025	0.011	0.005
			S00431577	362.31	363.79	1.48	0.00475	0.0111	0.0085	0.0025	0.013	0.005
Mineralization			S00431578	363.79	365.14	1.35	0.0047	0.0118	0.0084	0.0025	0.013	0.005
368.4-368.5: ~0.5% disseminated PoCpy			S00431579	365.14	366.63	1.49	0.00472	0.0108	0.0088	0.0025	0.01	0.005
Alteration			S00431581	366.63	368.03	1.4	0.00455	0.0095	0.0089	0.0025	0.011	0.005
308.5-360.0: Weak-moderate, patchy hematite staining of plagioclase			S00431582	368.03	368.6	0.57	0.00457	0.0148	0.0084	0.0025	0.008	0.005
360.0-399.0: Weak-moderate, patchy hematite staining of plagioclase			S00431583	368.6	370.09	1.49	0.00445	0.0098	0.0093	0.0025	0.012	0.005
Structure			S00431584	370.09	371.39	1.3	0.00452	0.009	0.0095	0.0025	0.007	0.005
374.37-374.5: Foliation;			S00431585	371.39	373.06	1.67	0.0045	0.0108	0.0093	0.0025	0.007	0.005
376.8-376.9: Foliation			S00431586	373.06	374.42	1.36	0.00467	0.009	0.0092	0.0025	0.007	0.005
			S00431587	374.42	375.0	0.58	0.00285	0.0013	0.0066	0.0025	0.0025	0.005
			S00431588	375.0	376.07	1.07	0.00498	0.0117	0.0094	0.0025	0.007	0.005
			S00431589	376.07	376.78	0.71	0.00441	0.01	0.0092	0.0025	0.007	0.005
			S00431591	376.78	377.86	1.08	0.00257	0.0021	0.0074	0.0025	0.007	0.005
			S00431592	377.86	379.25	1.39	0.00469	0.0106	0.0095	0.0025	0.007	0.005
			S00431593	379.25	380.71	1.46	0.00491	0.0096	0.011	0.0025	0.008	0.005
			S00431594	380.71	382.15	1.44	0.00535	0.0103	0.0113	0.0025	0.013	0.005
			S00431595	382.15	383.56	1.41	0.00561	0.0114	0.0124	0.0025	0.01	0.005
			S00431596	383.56	384.99	1.43	0.00529	0.0095	0.0113	0.0025	0.008	0.005
			S00431597	384.99	386.47	1.48	0.00476	0.0119	0.011	0.0025	0.007	0.005
			S00431598	386.47	387.95	1.48	0.00497	0.01	0.0115	0.0025	0.007	0.005
			S00431599	387.95	389.41	1.46	0.00501	0.0111	0.0114	0.0025	0.007	0.005
			S00431601	389.41	390.9	1.49	0.00519	0.0164	0.0102	0.0025	0.008	0.005
			S00431602	390.9	392.4	1.5	0.00483	0.0083	0.0096	0.0025	0.009	0.005
			S00431603	392.4	393.28	0.88	0.00499	0.0057	0.0098	0.0025	0.011	0.005
			S00431604	393.28	393.87	0.59	0.00441	0.003	0.0088	0.0025	0.0025	0.005
			S00431605	393.87	395.36	1.49	0.00492	0.0037	0.0097	0.0025	0.0025	0.005
			S00431606	395.36	396.7	1.34	0.00437	0.0053	0.0091	0.0025	0.0025	0.005
			S00431607	396.7	398.14	1.44	0.00506	0.0091	0.0093	0.0025	0.007	0.005
			S00431608	398.14	399.0	0.86	0.00494	0.0106	0.0094	0.0025	0.007	0.005

Project: Project							Hole Number: MMC-21-21					
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
398.99	399		S00431608	398.14	399.0	0.86	0.00494	0.0106	0.0094	0.0025	0.007	0.005
EOH												

Alteration

360.0-399.0: Weak-moderate, patchy hematite staining of plagioclase

Project: Project		Hole Number: MMC-21-22					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Jul-08-2021		Drilling Started: Jul-07-2021		Type: Actual	
Hole Size: NQ	Claim Number:	Logging Completed: Jul-13-2021		Drilling Completed: Jul-11-2021		Grid: NAD83 / UTM zone 17N	
Purpose: Exp	Planned Depth: 300	Logged By: G.Hamilton & C.Caskenette		Drilling Contractor: Gyllis		Easting: 435942	
Casing: Mt	Actual Depth: 300					Northing: 5133178	
						Elevation: 282	

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	18	OB - Overburden										

18 19.31 QCV - Quartz-carbonate Vein

Quartz-carbonate veining. Blue grey quartz vein, fine grained, foliated to laminated, non-magnetic. Contains moderate to moderate/strong, pervasive chlorite following foliation. Cream white patches also present within the quartz veining, and weak patchy pink areas (hematite alteration or k-spar from arkose sediment). Unit is mostly intact, with few cm-wide patches of blocky core. No mineralization present. Lower contact is sharp, ~50 DTCA.

Structure

18.0-19.3: Foliation; foliation of veining ~50 DTCA

19.3-19.31: Lower contact; Lower contact ~ 50 DTCA

19.31 20.3 1B - Siltstone

Siltstone/ metasediment. Fine grained, pink/red to locally light grey, fine grained, laminated, non-magnetic. Contains mm-1cm wide quartz veins following lamination/ bedding in a preferred orientation, ~25-30 DTCA. Weak, pervasive chlorite alteration follows lamination. No observed mineralization. Lower contact is marked by fault, with very blocky core.

Structure

19.31-20.29: Foliation; foliation of arkose unit~ 25 DTCA

20.29-20.3: Lower contact; Lower contact

20.3 21 FLT - Fault

Fault. ~70cm section of blocky core of the previous unit. Lower contact is start of intact core.

Structure

20.3-21.0: Fault; see major litho

Project:		Project		Hole Number:							MMC-21-22		
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)	
21	21.58	1B - Siltstone											
<p>Same as 19.31m-20.3m. Dark red following some fracture planes in a grid like pattern. Lower contact is marked by broken core from fault zone.</p> <p>Structure</p> <p>21.0-21.57: Foliation; foliation of arkose ~25 DTCA</p> <p>21.57-21.58: Lower contact; Lower contact</p>													
21.58	21.9	FLT - Fault											
<p>Fault. Similar to previous at 20.3m-21m. Lower contact is start of competent core.</p> <p>Structure</p> <p>21.58-21.9: Fault; See major litho</p>													
21.9	27	1B - Siltstone											
<p>Similar to previous unit at 19.31m-20.3m. Contains up to ~15cm wide blocky sections of core where a possible structure could be (from 23.40m-24m). Near end of unit, preferred orientation begins to be lost, pink has turned to a darker red, and is more mafic looking that previous as previous units were light pink. Lower contact is marked by a structure.</p> <p>Structure</p> <p>21.9-26.99: Foliation; foliation of arkose ~25 DTCA</p> <p>26.99-27.0: Lower contact; lower contact gradational</p>													
27	28	FLT - Fault											
<p>Fault zone. Similar to previous zones of deformation. Blocky core. Lower contact is start of competent core.</p> <p>Alteration</p> <p>27.0-30.0: Weak, vein like, chlorite alteration</p> <p>Structure</p> <p>27.0-28.0: Fault; see major litho</p>													
28	28.63	1B - Siltstone											
<p>Siltstone/ metasediment. Similar to previous units, just contains less pink and red areas. Primarily grey green, fine grained, foliated to laminated (~20 DTCA), non-magnetic. Cm-scale quartz veining follows lamination. No observed mineralization. Lower contact is gradational, marked by the increase in quartz-veining following lamination.</p> <p>Alteration</p> <p>27.0-30.0: Weak, vein like, chlorite alteration</p> <p>Structure</p> <p>28.62-28.63: Lower contact; lower contact gradational</p>													

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
28.63	36.69	QV - Quartz vein	S00431609	35.38	36.18	0.8	0.002	0.0009	0.0054	0.0025	0.0025	0.005
Quartz-carbonate veining. White grey to white blue, massive to foliated, non-magnetic. Contains wispy chloritic alteration veining at mm scale, off white patches of carbonate, and patches of metasedimentary host rocks found within. Unit is fairly intact, with some loss of core and fragmental sections around 29m-30m. ~0.01% quartz-carbonate vein hosted Cpy present between 36m-36.69m. Lower contact is gradational, marked by the decrease in veining, ~40 DTCA.			S00431611	36.18	36.73	0.55	0.00184	0.0253	0.0043	0.007	0.0025	0.005
Mineralization												
36.0-36.8: ~0.01-0.1% quartz-carbonate vein hosted Cpy, and ~0.01% QCVH Py												
Alteration												
27.0-30.0: Weak, vein like, chlorite alteration												
31.5-34.47: weak, patchy, chlorite alteration												
34.47-36.4: moderate, patchy, chlorite alteration												
36.4-39.0: Weak, patchy, chlorite alteration												
Structure												
36.68-36.69: Lower contact; Lower contact ~40 DTCA												
36.69	37.51	1B - Siltstone	S00431611	36.18	36.73	0.55	0.00184	0.0253	0.0043	0.007	0.0025	0.005
Similar to previous unit at 28m-28.63m. No observed mineralization. Lower contact is gradational, marked by increase in quartz veining.			S00431612	36.73	37.75	1.02	0.00086	0.0038	0.0023	0.0025	0.0025	0.005
Mineralization												
36.0-36.8: ~0.01-0.1% quartz-carbonate vein hosted Cpy, and ~0.01% QCVH Py												
Alteration												
36.4-39.0: Weak, patchy, chlorite alteration												
Structure												
37.5-37.51: Lower contact; Lower contact gradational												
37.51	40.08	QV - Quartz vein	S00431612	36.73	37.75	1.02	0.00086	0.0038	0.0023	0.0025	0.0025	0.005
Quartz vein. Similar to previous veining, containing periodic patches of red metased host rock. Vein is massive to foliated. No observed mineralization. Lower contact is start of fault zone.												
Alteration												
36.4-39.0: Weak, patchy, chlorite alteration												
39.0-40.0: weak/moderate, patchy, chlorite alteration												
Structure												
40.07-40.08: Lower contact; Lower contact sharp but irregular with fault												

Project: Project		Hole Number: MMC-21-22
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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40.08 40.24 FLT - Fault
 Fault zone. Similar to previous. Contains muddy green brown gouge on rock faces.

Structure

40.08-40.24: Fault; See major litho

40.24 41.46 QV - Quartz vein
 Same as 37.51m-40.08m.

Structure

41.45-41.46: Lower contact; Lower contact ~35 DTCA

41.46 45 1B - Siltstone
 Similar to previous from 21.9m-27m. Fine grained, pale red to locally grey, foliation of the unit ~30 DTCA. Localized chlorite alteration veins. No observed mineralization. Lower contact is sharp, ~35 DTCA.

Structure

44.99-45.0: Lower contact; lower contact ~35 DTCA

45 45.65 QV - Quartz vein
 Same as previous quartz vein, massive, white grey/ white blue quartz. Few inclusions of host sedimentary rocks. Lower contact is sharp, marked by the start of continuous broken core.

Structure

45.64-45.65: Lower contact; Lower contact ~90 DTCA

45.65 48.23 FLT - Fault
 Fault zone. Contains broken core chunks of metasediments and quartz veins.

Mineralization

48.0-49.5: ~0.01% QCVH Cpy

Alteration

48.0-54.0: Moderate to moderate/strong, patchy to veinlet, chlorite alteration

Structure

45.65-48.23: Fault; see major litho

Project:		Project										Hole Number:		MMC-21-22									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)											
48.23	49.75	QV - Quartz vein	S00431613	48.25	49.03	0.78	0.00324	0.0076	0.0062	0.005	0.009	0.005											
<p>White blue to white grey quartz vein. Massive to weakly foliated. Contains chlorite alteration veins following quartz along foliation. Pods of off-white locally between quartz and chlorite. No observed mineralization. Lower contact is start of structure.</p> <p>Mineralization 48.0-49.5: ~0.01% QCVH Cpy</p> <p>Alteration 48.0-54.0: Moderate to moderate/strong, patchy to veinlet, chlorite alteration</p> <p>Structure 49.74-49.75: Lower contact; Lower contact ~30 DTCA</p>																							
49.75	51	FLT - Fault	<p>Fault. Contains small pieces of quartz veins and pink red metasediment units.</p> <p>Alteration 48.0-54.0: Moderate to moderate/strong, patchy to veinlet, chlorite alteration</p> <p>Structure 49.75-51.0: Fault; See major litho</p>																				
51	60	QV - Quartz vein	S00431614	53.14	54.0	0.86	0.00053	0.0043	0.0018	0.0025	0.0025	0.005											
<p>Same as 48.23m-49.75m. Contains ~0.01% quartz-carbonate vein hosted Cpy. Locally Cpy can get up to ~0.5%. Mineralization is found between 54m-55m and 58m-60m. Lower contact is start of a structure.</p>																							
			S00431615	54.0	54.38	0.38	0.00157	0.0637	0.0029	0.0025	0.0025	0.005											
			S00431616	54.38	55.58	1.2	0.00049	0.0023	0.002	0.0025	0.0025	0.005											
Mineralization			S00431617	58.35	59.07	0.72	0.00041	0.0226	0.0012	0.0025	0.0025	0.005											
54.3-54.8: ~0.01-0.1% QCVH Cpy			S00431618	59.07	59.5	0.43	0.0022	0.0999	0.0037	0.015	0.0025	0.005											
58.0-59.7: ~0.01-0.1% QCVH Cpy																							
Alteration																							
48.0-54.0: Moderate to moderate/strong, patchy to veinlet, chlorite alteration																							
54.0-60.0: Weak, patchy, chlorite alteration																							
Structure																							
59.99-60.0: Lower contact; Lower contact gradational																							

Project:		Project										
		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
60	63	FLT - Fault	S00431619	62.15	62.7	0.55	0.0002	0.0105	0.0005	0.0025	0.0025	0.005
Fault. Similar to previous. Contains muddy gouge on broken core. Contains ~0.01% quartz-carbonate vein hosted CpyPo, where Cpy>Po. This mineralization is found in massive quartz, and in mm-scale carbonate stringers.			S00431621	62.7	63.6	0.9	0.00015	0.0265	0.0005	0.0025	0.0025	0.005
Mineralization 62.0-63.6: ~0.01% QCVH CpyPy												
Structure 60.0-63.0: Fault; See major litho												
63	66.34	QV - Quartz vein	S00431621	62.7	63.6	0.9	0.00015	0.0265	0.0005	0.0025	0.0025	0.005
Same as 48.23m-49.75m. Massive white grey to white blue quartz with wispy green chlorite alteration veins and off-white carbonate. Contains ~0.01% disseminated Cpy. Mineralization is found in soft chloritic alteration patches. Lower contact is marked by fault.												
Mineralization 62.0-63.6: ~0.01% QCVH CpyPy 64.0-64.4: ~0.01% QCVH Cpy 66.0-69.0: ~0.01% disseminated Cpy												
Alteration 64.3-65.0: Weak/moderate, pervasive chlorite alteration												
Structure 66.33-66.34: Lower contact; lower contact sharp and irregular												
66.34	68.8	FLT - Fault										
Fault. 1m of core lost as mentioned on block by drillers. Fault contains quartz veining and metasedimentary rock. Soft green brown gouge present on some fragments. ~0.01% disseminated Cpy present on chlorite alteration fragments.												
Mineralization 66.0-69.0: ~0.01% disseminated Cpy												
Structure 66.34-68.8: Fault; see major litho												
68.8	69.64	1B - Siltstone										
Similar to 21.9m-27m. Pink red to light grey metasediment, with localized quartz veining. Weakly foliated at ~ 35 DTCA. Lower contact is sharp, marked by start of quartz veining, ~ perpendicular to core axis.												
Mineralization 66.0-69.0: ~0.01% disseminated Cpy												

Project:		Project										
		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
69.64	70	QV - Quartz vein Same as 63m-66.34m. No observed mineralization										
70	70.85	FLT - Fault Same as previous faults. Blocky broken core with little green brown gouge. No mineralization observed or block mentioning loss of core.	S00431622	70.75	71.9	1.15	0.00017	0.0088	0.001	0.0025	0.0025	0.005
		Structure 70.0-78.5: Fault; see major litho										
70.85	73.22	QV - Quartz vein Same as 63m-66.34m. Contains ~0.01% disseminated Cpy hosted in chlorite alteration veins. Lower contact is start of fault zone.	S00431622	70.75	71.9	1.15	0.00017	0.0088	0.001	0.0025	0.0025	0.005
			S00431623	71.9	72.57	0.67	0.00158	0.0669	0.0045	0.007	0.0025	0.005
			S00431624	72.57	73.11	0.54	0.00006	0.0009	0.0005	0.0025	0.0025	0.005
		Mineralization 72.0-75.0: ~0.01-0.1% disseminated to QCVH Cpy										
		Structure 70.0-78.5: Fault; see major litho										
73.22	75.2	FLT - Fault Fault zone. 2 feet of grind occurred at the end of the unit. Rock fragments are similar to previous, white grey to white blue quartz veining with brown green gouge on some sections. ~0.01%, up to 0.1% locally, quartz-carbonate vein hosted Cpy.	S00431625	74.8	75.72	0.92	0.00059	0.0281	0.002	0.0025	0.0025	0.005
		Mineralization 72.0-75.0: ~0.01-0.1% disseminated to QCVH Cpy										
		Structure 70.0-78.5: Fault; see major litho										
75.2	83.23	QV - Quartz vein Similar to 63m-66.34m. Contains ~0.01-0.1%, locally up to ~1%, quartz-carbonate vein hosted Cpy. Unit is massive to laminated with off-white carbonate. Lower contact is marked by gouge filled fault.	S00431625	74.8	75.72	0.92	0.00059	0.0281	0.002	0.0025	0.0025	0.005
			S00431626	75.72	77.06	1.34	0.00008	0.0011	0.0005	0.0025	0.0025	0.005
			S00431627	77.06	78.03	0.97	0.00008	0.0038	0.0005	0.0025	0.0025	0.005
			S00431628	78.03	78.87	0.84	0.0019	0.6927	0.0071	0.054	0.0025	0.005
			S00431629	78.87	79.43	0.56	0.00067	0.1842	0.0019	0.01	0.0025	0.005
			S00431631	79.43	80.73	1.3	0.00009	0.0157	0.0005	0.0025	0.0025	0.005
		Structure 70.0-78.5: Fault; see major litho										
83.23	83.65	FLT - Fault Similar to 73.22m-75.2m. Blocky fault zone with green gouge. Fragments are of quartz vein. No mineralization observed.										

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
83.65	91.19	QCV - Quartz-carbonate Vein Similar to 75.2m-83.23m.	S00431632	88.29	89.38	1.09	0.00048	0.0139	0.0017	0.0025	0.0025	0.005
			S00431633	89.38	90.0	0.62	0.00039	0.0687	0.0013	0.006	0.0025	0.005
		Mineralization 88.29-93.77: ~0.1% QCVH Cpy	S00431634	90.0	91.23	1.23	0.00024	0.0141	0.0005	0.0025	0.0025	0.005
		Alteration 84.0-90.0: Weak, pervasive carbonate alteration, and weak, patchy chlorite alteration										
		Structure 91.18-91.19: Lower contact; Lower contact ~25 DTCA										
91.19	93.81	1B - Siltstone Metasedimentary siltstone. Similar to 68.8m-69.34m.	S00431634	90.0	91.23	1.23	0.00024	0.0141	0.0005	0.0025	0.0025	0.005
			S00431635	91.23	92.54	1.31	0.00072	0.0164	0.0025	0.0025	0.0025	0.005
		Mineralization 88.29-93.77: ~0.1% QCVH Cpy	S00431636	92.54	93.77	1.23	0.00296	0.0281	0.0106	0.008	0.011	0.005
		93.77-94.2: ~3% QCVH Cpy and ~1% QCVH Po	S00431637	93.77	94.2	0.43	0.00276	0.5038	0.0098	0.033	0.009	0.005
		Structure 93.8-93.81: Lower contact; Lower contact ~55 DTCA										
93.81	107.47	QV - Quartz vein Quartz vein. Massive, white blue to white grey, locally laminated to foliated (~20 DTCA), non-magnetic. Contains weak patchy chlorite alteration along foliation planes. Low/ weak recovery between 98m-100m (blocky core, potential structure). Unit contains ~1-2% disseminated Cpy from 94m-94.5m, and from 99m-99.5m. ~0.1% quartz-carbonate vein hosted Cpy from 100.5m-104m. Most foliated/laminated sections contain more Cpy than strictly massive quartz areas. Lower contact is marked by transition to more foliated veining, ~30 DTCA.	S00431637	93.77	94.2	0.43	0.00276	0.5038	0.0098	0.033	0.009	0.005
			S00431638	94.2	95.62	1.42	0.0002	0.0022	0.0005	0.0025	0.0025	0.005
			S00431639	95.62	97.03	1.41	0.00017	0.0021	0.0014	0.0025	0.0025	0.005
			S00431641	97.03	98.4	1.37	0.00052	0.0046	0.002	0.0025	0.0025	0.005
			S00431642	98.4	99.3	0.9	0.00022	0.0024	0.0024	0.0025	0.0025	0.005
		Mineralization 93.77-94.2: ~3% QCVH Cpy and ~1% QCVH Po	S00431643	99.3	99.94	0.64	0.00152	0.2128	0.004	0.008	0.0025	0.005
		94.2-99.3: ~0.1% QCVH Cpy	S00431644	99.94	101.39	1.45	0.00033	0.006	0.0013	0.0025	0.0025	0.005
		99.3-100.0: ~0.5-1% QCVH Cpy	S00431645	101.39	102.87	1.48	0.00067	0.0218	0.0017	0.0025	0.006	0.005
		100.0-104.4: ~0.1% QCVH Cpy	S00431646	102.87	103.49	0.62	0.00495	0.2052	0.0065	0.121	0.068	0.05
			S00431647	103.49	104.98	1.49	0.00275	0.219	0.0051	0.026	0.03	0.02
		Alteration 101.0-104.4: Weak, patchy, chlorite alteration										
		Structure 98.0-100.0: Blocky core; blocky core 107.46-107.47: Lower contact; Lower contact ~40 DTCA										

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
107.47	116.88	QV - Quartz vein	S00431648	108.0	109.18	1.18	0.00299	0.0486	0.013	0.006	0.0025	0.005
Laminated quartz vein. Dark grey matrix with blue grey quartz, fine grained, non-magnetic. Foliation of unit ~30 DTCA. Consistent repetition of cm wide vein and cm wide host rock. Unit has weak pervasive chlorite alteration, locally moderate in vein like structures. ~0.1% quartz-carbonate vein hosted Cpy and ~0.01% QCVH Po. Lower contact is gradational, marked by decrease in veining consistency.			S00431649	109.18	110.53	1.35	0.00427	0.0227	0.0146	0.017	0.019	0.02
			S00431651	110.53	111.4	0.87	0.00378	0.0407	0.0129	0.016	0.027	0.02
			S00431652	111.4	111.97	0.57	0.0024	0.0737	0.0128	0.012	0.008	0.005
Mineralization			S00431653	111.97	112.61	0.64	0.00144	0.0029	0.0051	0.008	0.009	0.005
108.0-119.08: ~0.1-0.5% QCVH Cpy			S00431654	112.61	113.4	0.79	0.00069	0.0143	0.0043	0.0025	0.0025	0.005
Alteration			S00431655	113.4	114.58	1.18	0.00226	0.0251	0.01	0.014	0.009	0.01
107.47-117.0: moderate, pervasive, chlorite alteration			S00431656	114.58	115.63	1.05	0.00061	0.0446	0.007	0.01	0.0025	0.005
Structure			S00431657	115.63	116.92	1.29	0.00274	0.0183	0.0116	0.013	0.018	0.02
107.47-116.87: Foliation; Foliation ~25-35 DTCA												
116.87-116.88: Lower contact; Lower contact ~ 30 DTCA												
116.88	120.47	4B - Melagabbro	S00431657	115.63	116.92	1.29	0.00274	0.0183	0.0116	0.013	0.018	0.02
Melagabbro. Dark grey to black, fine grained, weakly foliated, non-magnetic. Contains weak to moderate, pervasive chlorite alteration. mm-scale carbonate stringers present. Difficult to determine mineralogy with fine grained nature, but ~80% amphibole and ~20% plagioclase. ~0.1% QCVH Cpy up to 119m. From 119m-120.47m, ~2-3% disseminated to QCVH Cpy and ~0.01% QCVH Po. Lower contact is sharp, ~40 DTCA.			S00431658	116.92	117.64	0.72	0.00696	0.0179	0.0327	0.028	0.061	0.07
			S00431659	117.64	119.08	1.44	0.0099	0.035	0.0296	0.016	0.035	0.02
			S00431661	119.08	119.8	0.72	0.00765	0.2323	0.0348	0.025	0.04	0.03
Mineralization			S00431662	119.8	120.47	0.67	0.0105	1.1351	0.0375	0.086	0.082	0.05
108.0-119.08: ~0.1-0.5% QCVH Cpy												
119.08-121.47: ~3% QCVH to disseminated Cpy and ~0.1-0.% QCVH Po												
Alteration												
107.47-117.0: moderate, pervasive, chlorite alteration												
117.0-122.0: Weak, pervasive chlorite alteration												
Structure												
116.88-120.46: Foliation; Foliation ~30 DTCA												
120.46-120.47: Lower contact; Lower contact ~40 DTCA												

Project: Project			Hole Number: MMC-21-22									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
120.47	120.94	QV - Quartz vein Massive white grey quartz vein. ~2-3% QCVH Cpy, and ~0.5% QCVH Po. Lower contact is sharp, ~40 DTCA.	S00431663	120.47	121.0	0.53	0.00128	0.4278	0.0088	0.145	0.0025	0.005
Mineralization												
119.08-121.47: ~3% QCVH to disseminated Cpy and ~0.1-0.0% QCVH Po												
Alteration												
117.0-122.0: Weak, pervasive chlorite alteration												
Structure												
120.47-129.0: Foliation; Foliation ~25-30 DTCA												
120.94	134.3	4B - Melagabbro Same as previous (116.88m-120.47m). Dark grey to green. Very weak preferred foliation orientation to mainly massive. Up to 5cm quartz-carbonate veins periodically. Weak to moderate chlorite alteration. ~3-5% disseminated to QCVH CpyPo. Finer dissemination of CpyPo from 129m to end of unit, where first part of mineralization is more concentrated. Lower contact is sharp, ~60 DTCA.	S00431663	120.47	121.0	0.53	0.00128	0.4278	0.0088	0.145	0.0025	0.005
			S00431664	121.0	121.73	0.73	0.00513	0.0127	0.0352	0.013	0.009	0.005
			S00431665	121.73	123.0	1.27	0.00406	0.0102	0.0117	0.005	0.0025	0.005
			S00431666	123.0	123.64	0.64	0.0299	1.2201	0.2117	0.124	0.362	0.18
			S00431667	123.64	124.57	0.93	0.0109	0.0908	0.0918	0.051	0.078	0.07
			S00431668	124.57	125.87	1.3	0.011	0.1591	0.1574	0.187	0.206	0.14
			S00431669	125.87	126.66	0.79	0.04	0.3905	0.3211	0.252	0.54	0.42
			S00431671	126.66	128.04	1.38	0.0175	0.4025	0.2935	0.271	0.326	0.24
			S00431672	128.04	129.0	0.96	0.0136	0.342	0.2283	0.208	0.327	0.25
			S00431673	129.0	129.81	0.81	0.0173	0.6222	0.3382	0.351	0.423	0.25
			S00431674	129.81	130.8	0.99	0.0305	0.6022	0.4748	0.439	0.613	0.49
			S00431675	130.8	131.79	0.99	0.033	0.6468	0.493	0.432	0.629	0.51
			S00431676	131.79	133.06	1.27	0.0297	0.7348	0.5333	0.459	0.655	0.6
			S00431677	133.06	134.3	1.24	0.0174	0.49	0.2979	0.221	0.326	0.28
Mineralization												
119.08-121.47: ~3% QCVH to disseminated Cpy and ~0.1-0.0% QCVH Po												
121.47-121.73: ~3% QCVH Po and ~0.01-0.1% QCVH Cpy												
123.0-124.0: ~2% QCVH to disseminated PoCpy												
124.0-130.0: ~3% disseminated Cpy and ~2% disseminated Po												
130.0-132.5: ~2% disseminated Cpy and ~1% disseminated Po												
132.5-134.0: ~2% disseminated CpyPo												
134.0-135.3: ~1% QCVH Cpy and ~0.5% QCVH Po												
Alteration												
117.0-122.0: Weak, pervasive chlorite alteration												
122.0-134.3: Weak/moderate, pervasive chlorite alteration												
Structure												
120.47-129.0: Foliation; Foliation ~25-30 DTCA												

Project:		Project										Hole Number:		MMC-21-22									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)											
134.3	135.27	UNK - Unknown	S00431678	134.3	135.0	0.7	0.00178	0.0234	0.0238	0.022	0.023	0.02											
Potential sediment inclusion or altered quartz vein. Pink red granitic-like with spotted black amphibole? Weak pervasive chlorite alteration around the clasts, leading the idea that the unknown is just alteration. ~1% disseminated to QCVH CpyPo. Lower contact is sharp, ~30 DTCA.			S00431679	135.0	136.4	1.4	0.0254	0.4996	0.414	0.345	0.581	0.47											
Mineralization																							
134.0-135.3: ~1% QCVH Cpy and ~0.5% QCVH Po																							
Alteration																							
134.3-135.27: Weak/moderate, pervasive chlorite alteration, and moderate, pervasive hematite alteration																							
Structure																							
134.39-139.4: Lower contact; Lower contact ~60 DTCA																							
135.26-135.27: Lower contact; Lower contact ~60 DTCA																							
135.27	144	4B - Melagabbro	S00431679	135.0	136.4	1.4	0.0254	0.4996	0.414	0.345	0.581	0.47											
Same as 116.88m-120.47m. Weak pervasive chlorite alteration, finely disseminated CpyPo at ~3%. Lower contact is gradational, marked by change in mineralization			S00431681	136.4	137.63	1.23	0.0259	0.6651	0.5025	0.361	0.685	0.58											
			S00431682	137.63	138.79	1.16	0.0133	0.2687	0.2185	0.155	0.31	0.26											
Mineralization			S00431683	138.79	139.81	1.02	0.0208	0.6814	0.4155	0.287	0.66	0.51											
134.0-135.3: ~1% QCVH Cpy and ~0.5% QCVH Po			S00431684	139.81	140.43	0.62	0.0194	0.5981	0.5011	0.456	0.686	0.56											
135.3-142.0: ~3% disseminated Cpy and ~2% disseminated Po			S00431685	140.43	141.25	0.82	0.0196	0.6135	0.4702	0.377	0.721	0.65											
142.0-144.0: ~2% disseminated Cpy and ~0.5% disseminated Po			S00431686	141.25	142.0	0.75	0.0169	0.5822	0.4532	0.351	0.671	0.56											
Alteration																							
135.27-151.19: weak, pervasive chlorite alteration																							
Structure																							
134.39-139.4: Lower contact; Lower contact ~60 DTCA																							

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
144	153.07	4B - Melagabbro	S00431689	144.0	145.43	1.43	0.00511	0.0305	0.0118	0.008	0.009	0.005
Same appearance as previous, 135.27m-144m. Main cause for separation is the lack of mineralization. Fine grained, massive to weakly foliated, green black, ~70-80% amphibole, ~20-30% plagioclase. Localized tan brown carbonate veins. ~0.1-0.5% QCVH PoCpy. Lower contact is gradational marked by increased foliation strength.			S00431691	145.43	146.11	0.68	0.00552	0.0543	0.0327	0.006	0.013	0.005
			S00431692	149.0	150.0	1	0.00546	0.0127	0.0123	0.0025	0.0025	0.005
			S00431693	150.0	150.51	0.51	0.00785	0.0249	0.0684	0.015	0.025	0.02
Mineralization			S00431694	150.51	151.41	0.9	0.00632	0.0467	0.0376	0.018	0.024	0.02
145.44-146.11: ~1% QCVH Po			S00431695	151.41	152.0	0.59	0.00694	0.0574	0.0324	0.02	0.033	0.02
150.0-151.4: ~0.5% disseminated Po and ~0.01% disseminated Cpy			S00431696	152.0	153.2	1.2	0.00578	0.0358	0.025	0.019	0.026	0.02
Alteration												
135.27-151.19: weak, pervasive chlorite alteration												
151.19-184.47: weak, pervasive chlorite alteration												
Structure												
153.0-154.0: Foliation												
153.07	165.66	DIA - Diabase	S00431696	152.0	153.2	1.2	0.00578	0.0358	0.025	0.019	0.026	0.02
Diabase (?). Dark green-grey, fine grained, non magnetic. Massive to weakly foliated along upper contact. Unit displays very fine grained, aphanitic chilled margins and becomes more fine grained toward the center of the unit. Unit contains 0.01% disseminated to foliation controlled PoCpy. Lower contact is sharp ~50 DTCA.			S00431697	153.2	154.69	1.49	0.00577	0.0418	0.0266	0.022	0.019	0.02
			S00431698	154.69	155.02	0.33	0.0124	0.2001	0.1309	0.067	0.093	0.08
			S00431699	155.02	156.47	1.45	0.00675	0.0324	0.0284	0.023	0.029	0.03
Mineralization												
153.75-154.7: ~0.5% fracture controlled Po												
154.7-155.0: ~3% quartz-carbonate vein hosted CpyPo												
155.0-155.6: ~0.5% foliation controlled PoCpy												
Alteration												
151.19-184.47: weak, pervasive chlorite alteration												
Structure												
153.0-154.0: Foliation												
155.0-155.5: Foliation												
165.65-165.66: Lower contact; Lower contact is sharp ~50 DTCA												

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
165.66	173.43	4C - Quartz gabbro	S00431701	170.45	171.94	1.49	0.00462	0.0157	0.0073	0.006	0.006	0.04
Quartz gabbro. Dark grey, medium grained, non magnetic, massive to weakly foliated. Consists of 70% amphibole, 25% plagioclase, and 5% quartz. Lower 2m are weakly foliated ~45 DTCA. Weak, patchy hematization of plagioclase grains gives pink colouration locally. Sulphides occur as disseminated to fracture-filling PoCpy . Lower contact is gradational marked increased foliation intensity.			S00431702	171.94	173.43	1.49	0.00427	0.0421	0.0138	0.013	0.014	0.02
Mineralization 171.95-172.64: 0.5% disseminated PoCpy												
Alteration 151.19-184.47: weak, pervasive chlorite alteration												
Structure 168.9-169.2: Gouge; 2-3mm of gouge along undulatory slip plane ~5 DTCA 171.15-171.2: Gouge; 0.5cm wide zone of gouge with mm-scale wall rock fragments 173.42-173.43: Lower contact; Lower contact is gradational marked by increased foliation strength.												
173.43	174.33	SHR - Shearzone	S00431703	173.43	174.33	0.9	0.00704	0.2367	0.0584	0.055	0.079	0.08
Sheared gabbro. Medium-dark green-grey, fine grained, moderately foliated ~80 DTCA, non magnetic. Interval is somewhat rubbly. Lower contact is gradational marked by decreased foliation strength.												
Mineralization 173.43-174.33: 1-2% foliation controlled/disseminated CpyPo												
Alteration 151.19-184.47: weak, pervasive chlorite alteration												
Structure 173.43-174.32: Shear; see major litho 174.32-174.33: Lower contact; Lower contact is gradational marked by decreased foliation strength.												

Project: Project			Hole Number: MMC-21-22									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
174.33	184.47	4F - Fragmental melagabbro	S00431704	174.33	175.16	0.83	0.00439	0.0398	0.015	0.012	0.022	0.02
Fragmental Melagabbro(?). Dark green-grey, consists of a fine-grained gabbroic matrix with m-scale fragments of medium grained gabbro and quartzite. Fragments are subangular. Unit is cut by <1% irregular quartz-carbonate veins. Sulphides occur as disseminated PoCpy ~0.1% - locally up to 3-5% at the decimeter scale. and quartz-carbonate vein hosted PoCpy ~0.01%. Lower contact is sharp ~50 DTCA.			S00431705	175.16	175.73	0.57	0.0106	0.3179	0.1204	0.184	0.297	0.26
			S00431706	175.73	176.7	0.97	0.00661	0.0581	0.0405	0.024	0.049	0.06
			S00431707	176.7	177.0	0.3	0.00724	0.1235	0.0649	0.021	0.039	0.03
Mineralization			S00431708	177.0	178.5	1.5	0.00248	0.0315	0.0096	0.009	0.013	0.005
174.33-175.16: 0.1% foliation controlled/disseminated PoCpy			S00431709	181.77	183.27	1.5	0.00552	0.0107	0.0066	0.0025	0.0025	0.005
175.16-175.73: ~2-3% disseminated PoCpy			S00431711	183.27	183.74	0.47	0.00932	0.0613	0.0123	0.0025	0.0025	0.005
175.73-176.77: 0.25-0.50% disseminated PoCpy			S00431712	183.74	184.47	0.73	0.00553	0.0126	0.0074	0.0025	0.0025	0.005
176.77-176.9: 1-2% disseminated PoCpy												
176.9-178.2: ~0.1% disseminated PoCpy												
180.67-180.72: ~0.5% quartz-carbonate vein hosted Cpy												
183.45-183.55: ~5% disseminated PoCpy												
Alteration												
151.19-184.47: weak, pervasive chlorite alteration												
Structure												
184.46-184.47: Lower contact; Lower contact is sharp ~50 DTCA												
184.47	190.68	4C - Quartz gabbro	S00431713	184.47	185.67	1.2	0.00503	0.0225	0.0113	0.014	0.031	0.05
Quartz gabbro. Dark grey, fine-medium grained, non magnetic, varitextured. Consists of 70% amphibole, 20-25% plagioclase, and 5-10% quartz. More coarse grained sections are associated with higher quartz content. Upper 1.5m are weakly foliated ~45 DTCA. Weak, patchy hematization of plagioclase grains gives pink colouration locally. Sulphides occur as disseminated to fracture-filling PoCpy. Lower contact is gradational marked by coarser grain size.			S00431714	185.67	187.1	1.43	0.00494	0.0239	0.0083	0.011	0.006	0.005
			S00431715	187.1	187.46	0.36	0.00523	0.0315	0.0149	0.013	0.01	0.005
			S00431716	187.46	188.56	1.1	0.00551	0.0178	0.0078	0.013	0.013	0.01
Mineralization			S00431717	188.56	189.25	0.69	0.00518	0.0173	0.0079	0.013	0.013	0.01
185.9-186.0: ~0.1% fracture controlled Cpy			S00431718	189.25	190.34	1.09	0.00626	0.0355	0.0136	0.019	0.022	0.02
187.1-187.46: 0.5-1.0% disseminated to fracture controlled PoCpy			S00431719	190.34	190.68	0.34	0.00823	0.0847	0.0514	0.05	0.087	0.07
189.25-190.34: ~0.5% disseminated to fracture fill CpyPo												
190.34-190.68: ~3-5% disseminated PoCpy												
Alteration												
185.6-190.68: Weak, patchy hematite alteration of plagioclase												
Structure												
184.47-185.67: Foliation												
190.67-190.68: Lower contact; Lower contact is gradational marked by coarser grain size.												

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
190.68	192.3	4C - Quartz gabbro	S00431721	190.68	191.48	0.8	0.00524	0.0295	0.0064	0.007	0.0025	0.005
Pegmatitic quartz gabbro. Dark grey, medium to coarse grained, non magnetic, varitextured. Consists of ~70% amphibole, 20% plagioclase, and 10% quartz. Hematization of plagioclase is moderate and patchy. Sulphides occur as disseminated PoCpy ~0.01%. Lower contact is sharp ~30 DTCA.			S00431722	191.48	192.3	0.82	0.00494	0.0314	0.0077	0.013	0.005	0.02
Mineralization												
190.68-192.3: ~0.01% disseminated PoCpy												
Alteration												
190.68-192.3: Moderate, patchy hematite alteration of plagioclase												
Structure												
192.29-192.3: Lower contact; Lower contact is sharp ~30 DTCA.												
192.3	192.88	QV - Quartz vein	S00431723	192.3	192.88	0.58	0.00311	0.6194	0.0107	0.081	0.008	0.005
Massive quartz vein. Smoky grey, massive quartz vein with ~3-5% chalcopyrite. Lower contact is sharp ~25 DTCA.												
Mineralization												
192.3-192.88: ~5% quartz vein hosted Cpy												
Structure												
192.3-192.87: Veins; see major litho												
192.87-192.88: Lower contact; Lower contact is sharp ~25 DTCA												
192.88	193.79	4C - Quartz gabbro	S00431724	192.88	193.5	0.62	0.00532	0.0191	0.0083	0.014	0.013	0.04
Same as described from 184.47-190.68 m. Contains ~0.5% disseminated PoCpy with up to 2-3% at the decimeter scale towards lower contact. Lower contact is gradational marked by coarser grain size.			S00431725	193.5	193.81	0.31	0.00963	0.0565	0.0663	0.055	0.091	0.1
Mineralization												
193.5-193.81: ~2-3% disseminated PoCpy												
Structure												
193.78-193.79: Lower contact; Lower contact is gradational marked by coarser grain size.												

Project:		Hole Number: MMC-21-22										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
193.79	195.6	4C - Quartz gabbro	S00431725	193.5	193.81	0.31	0.00963	0.0565	0.0663	0.055	0.091	0.1
Same as described from 190.68-192.3 m. Sulphides occur as 0.5% disseminated PoCpy with up to 1-2% at the decimeter scale. Lower contact is gradational marked by finer grain size.			S00431726	193.81	195.0	1.19	0.00508	0.0439	0.009	0.009	0.0025	0.005
Mineralization			S00431727	195.0	195.6	0.6	0.00461	0.0847	0.0249	0.014	0.012	0.01
193.5-193.81: ~2-3% disseminated PoCpy												
193.81-195.6: ~0.5% disseminated PoCpy												
Alteration												
193.79-195.6: Weak, pervasive hematite alteration of plagioclase												
Structure												
195.59-195.6: Lower contact; Lower contact is gradational marked by finer grain size.												
195.6	204.53	4C - Quartz gabbro	S00431728	195.6	197.1	1.5	0.00541	0.0285	0.0079	0.011	0.009	0.03
Same as described from 184.47-190.68 m. Sulphides occur as 0.01% foliation controlled/disseminated and quartz-carbonate vein-hosted PoCpy. Lower contact is gradational marked by coarser grain size.			S00431729	197.1	198.58	1.48	0.0052	0.0181	0.0079	0.01	0.026	0.03
Mineralization			S00431731	198.58	200.04	1.46	0.00544	0.0156	0.0084	0.009	0.027	0.02
201.8-202.1: ~0.5-1.0% quartz-carbonate vein hosted PoCpy			S00431732	200.04	201.0	0.96	0.00524	0.0163	0.0079	0.009	0.027	0.02
203.1-203.4: ~0.5-1.0% foliation controlled PoCpy			S00431733	201.0	201.78	0.78	0.00552	0.0181	0.009	0.009	0.031	0.03
Alteration			S00431734	201.78	202.33	0.55	0.00552	0.0168	0.0081	0.008	0.023	0.02
195.6-204.53: Weak, patchy hematite alteration of plagioclase			S00431735	202.33	203.09	0.76	0.00498	0.0277	0.0155	0.016	0.029	0.02
Structure			S00431736	203.09	203.4	0.31	0.00763	0.0846	0.0735	0.084	0.095	0.07
204.52-204.53: Lower contact; Lower contact is gradational marked by increased foliation strength.			S00431737	203.4	204.53	1.13	0.00499	0.0107	0.0098	0.025	0.027	0.04
204.53	204.86	SHR - Shearzone	S00431738	204.53	204.91	0.38	0.00448	0.0655	0.0154	0.041	0.017	0.02
Sheared gabbro. Medium-dark green-grey, fine grained, moderately foliated ~60 DTCA, non magnetic. Sulphides occur as foliation controlled PoCpy ~0.1%. Lower contact is gradational marked by decreased foliation strength.												
Mineralization												
204.53-204.86: ~0.5% foliation controlled PoCpy with ~0.1% quartz-carbonate vein hosted PoCpy												
Structure												
204.53-204.85: Shear; see major litho												
204.85-204.86: Lower contact; Lower contact is gradational marked by decreased foliation strength.												

Project: Project			Hole Number: MMC-21-22									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
204.86	220.04	4D - Biotite quartz diorite	S00431738	204.53	204.91	0.38	0.00448	0.0655	0.0154	0.041	0.017	0.02
Quartz Diorite. Dark grey, fine grained, non magnetic, massive to moderately foliated ~50-60 DTCA. Consists of 60-70% amphibole, 20-30% plagioclase, and 5-10% blue quartz phenocrysts. Sulphides occur as localized disseminated to fracture filling PoCpy <0.01%. Unit is cut by 0.1-10cm quartz-carbonate veins ~35-45 DTCA. Unit becomes more foliated toward lower contact and entrains 30-40cm block of metasediment. Lower contact is sharp and irregular.			S00431739	204.91	206.38	1.47	0.00344	0.0087	0.0028	0.0025	0.0025	0.005
			S00431741	217.56	219.0	1.44	0.00368	0.006	0.0036	0.0025	0.0025	0.005
			S00431742	219.0	219.64	0.64	0.00099	0.0087	0.0016	0.0025	0.0025	0.005
			S00431743	219.64	220.04	0.4	0.0044	0.0015	0.007	0.008	0.0025	0.005
Mineralization												
204.86-219.0: ~0.01% disseminated Po												
219.0-220.04: ~0.5-1.0% disseminated Po												
Alteration												
219.0-219.38: Moderate, pervasive silicification of metasediment block												
Structure												
218.4-219.0: Foliation												
220.03-220.04: Lower contact; Lower contact is sharp and irregular												
220.04	222.41	1A - Quartzite	S00431744	220.04	221.22	1.18	0.00093	0.0055	0.0017	0.0025	0.0025	0.005
Silicified Metasediment - Likely quartzite. Medium grey-brown, consists of >90% quartz. Faint bedding ranges from 40-50 DTCA. Silicification is moderate and pervasive. Unit is cut by several 0.5-15cm quartz veins with a preferred orientation of ~20-30 DTCA. Sulphides occur as quartz vein hosted Po +/- Cpy ~0.5%. Lower contact is sharp ~55 DTCA.			S00431745	221.22	222.41	1.19	0.00091	0.0062	0.0011	0.0025	0.0025	0.005
Mineralization												
220.04-222.41: ~0.5% quartz-carbonate vein hosted PoCpy												
Alteration												
220.04-222.41: Moderate, pervasive silicification of metasediment												
Structure												
220.59-220.66: Veins; 17cm quartz vein at 25 DTCA												
222.4-222.41: Lower contact; Lower contact is sharp ~55 DTCA												
222.41	223.01	QV - Quartz vein	S00431746	222.41	223.75	1.34	0.00014	0.0007	0.0005	0.0025	0.0025	0.005
Quartz vein. Light grey to white, massive with minor chloritic laminae. 0.01% quartz vein hosted Po. Lower contact is sharp ~40 DTCA.												
Structure												
222.41-223.0: Veins; see major litho												
223.0-223.01: Lower contact; Lower contact is sharp ~40 DTCA												

Project: Project			Hole Number: MMC-21-22									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
223.01	223.7	1A - Quartzite	S00431746	222.41	223.75	1.34	0.00014	0.0007	0.0005	0.0025	0.0025	0.005
Same as described from 220.04-222.41m. Lower contact is sharp and irregular.												
Alteration												
223.01-223.7: Moderate, pervasive silicification of metasediment												
Structure												
223.69-223.7: Lower contact; Lower contact is sharp and irregular												
223.7	224.38	QV - Quartz vein	S00431746	222.41	223.75	1.34	0.00014	0.0007	0.0005	0.0025	0.0025	0.005
Quartz vein. Light grey to white, massive with minor chloritic laminae and a couple of 3-5cm angular wall rock fragments. No sulphides observed. Lower contact is sharp and irregular.												
			S00431747	223.75	224.32	0.57	0.00011	0.00025	0.0005	0.0025	0.0025	0.005
			S00431748	224.32	225.0	0.68	0.00036	0.0026	0.0005	0.0025	0.0025	0.005
Structure												
223.7-224.37: Veins; see major litho												
224.37-224.38: Lower contact; Lower contact is sharp and irregular												
224.38	226.6	1A - Quartzite	S00431748	224.32	225.0	0.68	0.00036	0.0026	0.0005	0.0025	0.0025	0.005
Same as described from 220.04-222.41m. Unit contains ~0.25% quartz vein hosted Po+/-Cpy with up to 10% at the decimeter scale @ 226.2-226.3m. Lower contact is sharp ~60 DTCA.												
Mineralization												
224.38-226.2: ~0.25% quartz-carbonate vein hosted PoCpy												
226.2-226.3: ~8-10% quartz-carbonate vein hosted Po												
226.3-226.6: ~1% disseminated Po with ~0.25% quartz-carbonate vein hosted Po												
Alteration												
224.38-226.6: Moderate, pervasive silicification of metasediment												
Structure												
226.59-226.6: Lower contact; Lower contact is sharp ~60 DTCA												
226.6	228.42	4D - Biotite quartz diorite	S00431752	226.6	227.31	0.71	0.00297	0.0104	0.0028	0.005	0.0025	0.005
Quartz Diorite. Dark grey-black, fine grained, non magnetic, weakly to moderately foliated ~50-60 DTCA. Consists of ~70% biotite +/-amphibole, 20% plagioclase, and 10% blue quartz phenocrysts. Sulphides occur as localized foliation controlled/disseminated Po ~0.01%. Unit is cut by 0.1-0.5cm, wispy quartz-carbonate veinets. Lower contact is somewhat sharp ~50 DTCA, contact metamorphic effects on metasediment make contact more gradational looking.												
			S00431753	227.31	228.45	1.14	0.00361	0.0066	0.0085	0.007	0.0025	0.005
Mineralization												
227.5-228.62: ~0.5% disseminated Po												
Structure												
226.6-228.41: Foliation												
228.41-228.42: Lower contact; Lower contact is sharp ~50 DTCA												

Project: Project		Hole Number: MMC-21-22
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
228.42	299.99	1B - Siltstone	S00431753	227.31	228.45	1.14	0.00361	0.0066	0.0085	0.007	0.0025	0.005
			S00431754	228.45	229.95	1.5	0.00284	0.0118	0.0076	0.01	0.0025	0.005

Sandy Siltstone (?). Medium grey, well bedded ~40-55 DTCA, non magnetic. Consists of beds of dominantly fine sand to silt sized material with minor muscovite/sericite development. Localized beds of coarser material (coarse sand) occur with higher mica content. Unit appear to transition from well bedded to massive after 263m but this may be an artifact of more intense 'candy caning' from drill. Rubbly zones occur @ 247-247.55m, 248.24-248.8m. Unit contains ~0.01% fracture filling to disseminated Po. Interval is cut by a 10 cm wide quartz vein 288.8m ~40 DTCA. EOH

Mineralization

- 227.5-228.62: ~0.5% disseminated Po
- 271.2-271.65: ~0.1% fracture controlled Po
- 291.8-291.9: ~0.1% disseminated Po

Structure

- 228.42-238.5
- 238.5-240.0
- 240.0-247.0
- 247.0-247.55: Blocky core; Zone of blocky core
- 248.24-248.8: Blocky core; Zone of blocky core
- 249.7-252.0
- 252.0-258.0
- 258.0-261.0
- 261.0-262.0; Bedding transitions from 30 DTCA to 10 before inflecting to 10 DTCA in the opposite direction ~262m
- 271.0-272.5

299.99 300
EOH

Project: Project		Hole Number: MMC-21-23					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Jul-13-2021	Drilling Started: Jul-11-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Oct-15-2021	Drilling Completed: Jul-11-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 100	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis	Easting:	436008		
Casing: Mt	Actual Depth: 102			Northing:	5133376		
Elevation: 315							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	3	OB - Overburden										
3m of casing												
3	10.35	1A - Quartzite	S00431755	9.0	10.39	1.39	0.00101	0.0164	0.0018	0.0025	0.0025	0.005

Quartzite. Tan to light brown, massive, non magnetic. Consists of >90% largely recrystallized quartz with sand-sized grains locally discernable. Unit is intermixed with irregular, diffuse, dark grey quartz diorite bodies throughout. Unit also contains dark green/grey spots throughout - possibly hornfels (?). Silicification is moderate and pervasive. Sulphides occur as 0.1% fracture controlled Py. Lower contact is sharp ~45 DTCA.

Mineralization

4.35-8.1: 0.1% fracture controlled Py seen along fracture faces

Alteration

3.0-12.0: Moderate, pervasive silicification associated with quartzite

Structure

10.34-10.35: Lower contact; Lower contact is sharp ~45 DTCA

Project:	Project	Hole Number: MMC-21-23
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
10.35	86	4D - Biotite quartz diorite	S00431755	9.0	10.39	1.39	0.00101	0.0164	0.0018	0.0025	0.0025	0.005
<p>Quartz diorite. Dark grey, fine grained, non magnetic, massive to moderately foliated parallel TCA. Unit contacts Chlorite alteration is weak-moderate and pervasive. Odd orange veinlets occur along upper contact (Potassic alt?). Core frequently breaks along foliation shows slicklines along foliation planes. Sulphides occur as disseminated Po ~0.1% with 0.01% quartz-carbonate vein hosted Po. Lower contact is sharp ~10 DTCA.</p>												
Mineralization												
10.35-11.5: ~0.5% disseminated Po and ~0.1% quartz-carbonate vein hosted Po												
11.5-16.0: 0.1% fracture controlled Py seen along fracture faces												
19.5-21.0: 0.1% fracture controlled Py seen along fracture faces												
25.58-30.0: 0.1% fracture controlled Py seen along fracture faces												
30.0-30.3: ~1-2% quartz-carbonate vein Py+/-Po												
30.3-50.0: 0.01% fracture controlled Py seen along fracture faces and locally following foliation												
54.6-66.0: 0.01% fracture controlled Py seen along fracture faces and locally following foliation												
67.8-68.0: 0.25% disseminated Po												
78.9-79.0: ~0.5% disseminated Po and ~0.1% disseminated Cpy												
81.0-83.0: 0.01% fracture controlled Py seen along fracture faces and locally following foliation												
85.4-86.0: 0.01% fracture controlled Py seen along fracture faces and locally following foliation												
Alteration												
3.0-12.0: Moderate, pervasive silicification associated with quartzite												
12.0-86.0: Weak to moderate, pervasive chlorite alteration												
Structure												
13.0-20.0: Foliation; Foliation parallel TCA ~0-5 DTCA with boudinaging along fabric from 13.5-14m												
29.0-30.0: Foliation												
30.0-30.3: Veins; 30cm quartz vein with ~1-2% Py												
31.0-32.85: Foliation												
32.85-33.4: Blocky core; Rubbly zone with highly fractured core												
33.4-38.0: Foliation												
38.0-42.5: Foliation												
42.5-43.5: Foliation												
43.5-44.7: Foliation												
44.7-61.0: Foliation												
61.0-62.5: Foliation												
62.5-63.0: Foliation												

Project:	Project	Hole Number: MMC-21-23
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
		63.0-64.5: Foliation										
		64.5-66.0: Foliation										
		66.0-75.0: Foliation										
		75.0-79.0: Foliation										
		79.0-83.0: Foliation										
		83.0-85.0: Foliation										
		85.0-85.99: Foliation										
		85.99-86.0: Lower contact; Lower contact is sharp ~10 DTCA.										

86 101.99 1A - Quartzite
 Similar to that described from 3-10.35m. EOH

Mineralization

87.27-102.0: 0.01% fracture controlled Py seen along fracture faces and locally following foliation

Alteration

86.0-99.7: Moderate, pervasive silicification associated with quartzite unit

99.7-101.0: Weak-moderate, pervasive chlorite alteration with moderate, pervasive silicification

101.0-102.0: Moderate, pervasive silicification associated with quartzite unit

Structure

99.0-100.0: Foliation

101.99 102
 EOH

Mineralization

87.27-102.0: 0.01% fracture controlled Py seen along fracture faces and locally following foliation

Alteration

101.0-102.0: Moderate, pervasive silicification associated with quartzite unit

Project: Project		Hole Number: MMC-21-24					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Jul-14-2021	Drilling Started: Jul-13-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jul-19-2021	Drilling Completed: Jul-16-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 400	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis	Easting:	436016		
Casing: Mt	Actual Depth: 318			Northing:	5133391		
Elevation: 318							

Target:

Comments: Box numbering error @ box 71 (two box 71's)

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	1.15	OB - Overburden										

1.15 8.87 1A - Quartzite

Quartzite. Medium tan-grey, massive to locally bedded ~40-45 DTCA, non magnetic. Consists of >90% recrystallized quartz. Dark spots occur throughout - possibly chlorite spots. Moderate, fracture controlled hematite alteration. Silicification is moderate and pervasive with weak, fracture controlled chlorite alteration. 0.01% fracture filling Py. Lower contact is sharp and irregular.

Mineralization

5.0-6.0: 0.1% fracture controlled pyrite

Alteration

1.15-8.87: Moderate, pervasive silicification with weak, fracture controlled chlorite alteration and weak-moderate, fracture controlled hematite alteration

Structure

6.0-8.0

8.86-8.87: Lower contact; Lower contact is sharp and irregular.

8.87 11.73 4D - Biotite quartz diorite

Quartz diorite. Dark grey, fine grained, weakly foliated ~15 DTCA, non magnetic. Fine grained groundmass is composed of biotite-amphibole-chlorite with ~5-10% 1-2mm quartz phenocrysts. Weak, pervasive chlorite alteration. 0.01% fracture filling to disseminated Po. Lower contact is sharp ~25 DTCA.

Alteration

8.87-11.73: Weak, pervasive chlorite alteration

Structure

8.87-11.72: Foliation

11.72-11.73: Lower contact; Lower contact is sharp ~25 DTCA.

Project: Project	Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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11.73 12.67 1A - Quartzite

Similar to that described from 1.15-8.87m. No mineralization observed. Lower contact is sharp irregular.

Alteration

11.73-12.67: Moderate, pervasive silicification with weak, fracture controlled chlorite alteration

Structure

12.66-12.67: Lower contact; Lower contact is sharp and irregular.

12.67 13.13 4D - Biotite quartz diorite

Similar to that described from 8.87-11.73m. No mineralization observed. Lower contact is sharp ~50 DTCA.

Alteration

12.67-13.13: Weak, pervasive chlorite alteration

Structure

13.12-13.13: Lower contact; Lower contact is sharp ~50 DTCA.

13.13 21.22 1A - Quartzite

Similar to that described from 11.73-12.67m. Unit becomes green and softer after 19.5m associated with proximity to underlying fault zone. No mineralization observed. Lower contact is sharp ~55 DTCA.

Mineralization

15.65-21.5: 0.01% fracture controlled pyrite

Alteration

13.13-19.5: Moderate, pervasive silicification with weak, fracture controlled chlorite alteration

19.5-25.19: Weak-moderate, pervasive chlorite alteration

Structure

16.4-16.9

21.21-21.22: Lower contact; Lower contact is sharp ~55 DTCA.

Project: Project		Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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21.22 22.52 FLT - Fault

Fault zone. Zone of rubbly core with occurrences of gouge @21.22m, 21.38m, and 21.90m ~40-60 DTCA. Lower contact is marked by transitioning back into competent core.

Mineralization

15.65-21.5: 0.01% fracture controlled pyrite

21.9-39.35: 0.01% fracture controlled pyrite

Alteration

19.5-25.19: Weak-moderate, pervasive chlorite alteration

Structure

21.22-21.37: Fault; Fault zone with blocky core and fault gouge 40-60 DTCA

21.37-21.38: Gouge; Fault gouge ~60 DTCA

21.38-21.9: Fault; Fault zone with blocky core and fault gouge 40-60 DTCA

21.9-21.91: Gouge; Fault gouge ~40 DTCA

21.91-22.51: Fault; Fault zone with blocky core and fault gouge 40-60 DTCA

22.51-22.52: Lower contact; Lower contact is sharp marked by transition back into competent core

22.52 24.44 1A - Quartzite

Similar to that described from 11.73-12.67m. Silicification is weak and pervasive. No mineralization observed. Lower contact is sharp ~45 DTCA marked by mm-scale gouge.

Mineralization

21.9-39.35: 0.01% fracture controlled pyrite

Alteration

19.5-25.19: Weak-moderate, pervasive chlorite alteration

Structure

24.43-24.44: Lower contact; Lower contact is sharp ~45 DTCA marked by mm-scale fault gouge seam.

Project: Project		Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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24.44 25 FLT - Fault

Fault zone. Zone of slightly rubbly core and two occurrences of gouge @24.44m and 24.74m ~45-50 DTCA. Lower contact is sharp marked by the transition back into competent core.

Mineralization

21.9-39.35: 0.01% fracture controlled pyrite

Alteration

19.5-25.19: Weak-moderate, pervasive chlorite alteration

Structure

24.44-24.74: Fault; Fault zone with blocky core and fault gouge 45-50 DTCA

24.74-24.75: Gouge; Fault gouge ~3mm wide at 50 DTCA

24.75-24.99: Fault; Fault zone with blocky core and fault gouge 45-50 DTCA

24.99-25.0: Lower contact; Lower contact is sharp marked by transition back into competent core

25 49.69 1A - Quartzite

Similar to that described from 11.73-12.67m. 0.01% fracture filling Po and quartz-carbonate vein hosted Po. Lower contact is sharp ~40 DTCA.

Mineralization

21.9-39.35: 0.01% fracture controlled pyrite

39.35-39.45: ~1% quartz-carbonate vein hosted Po

44.25-44.3: ~1% quartz-carbonate vein hosted Po

Alteration

19.5-25.19: Weak-moderate, pervasive chlorite alteration

25.19-49.69: Moderate, pervasive silicification with weak, fracture controlled chlorite alteration

Structure

49.68-49.69: Lower contact; Lower contact is sharp ~40 DTCA.

49.69 50.55 4D - Biotite quartz diorite

Similar to that described from 8.87-11.73m. Foliation is weakly to moderately developed and occurs ~35 DTCA. No mineralization observed. Lower contact is sharp ~50 DTCA.

Alteration

49.69-50.55: Weak, pervasive chlorite alteration

Structure

49.69-50.54: Foliation

50.54-50.55: Lower contact; Lower contact is sharp ~35 DTCA.

Project: Project		Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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50.55 64.15 1A - Quartzite

Similar to that described from 11.73-12.67m. 0.01% fracture filling Py. Lower contact is gradational between quartzite and quartz diorite.

Mineralization

51.35-51.45: ~0.5% quartz-carbonate vein hosted Po

57.0-57.5: ~0.25% fracture controlled Po

Alteration

50.55-64.15: Moderate, pervasive silicification with weak, fracture controlled chlorite alteration

Structure

64.14-64.15: Lower contact; Lower contact is gradational between quartzite and quartz diorite.

64.15 64.97 4D - Biotite quartz diorite

Similar to that described from 8.87-11.73m. 0.01% fracture filling Po. Lower contact is gradational between quartzite and quartz diorite.

Alteration

64.15-64.97: Weak, pervasive chlorite alteration

Structure

64.96-64.97: Lower contact; Lower contact is gradational between quartzite and quartz diorite.

64.97 70.65 1A - Quartzite

Similar to that described from 11.73-12.67m. 0.01% fracture filling Py. Lower contact is sharp ~70 DTCA.

Mineralization

65.0-73.0: 0.01% fracture controlled Py

Alteration

64.97-70.65: Moderate, pervasive silicification

Structure

70.64-70.65: Lower contact; Lower contact is sharp ~70 DTCA

Project:	Project	Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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70.65 71.89 4D - Biotite quartz diorite

Similar to that described from 8.87-11.73m. Massive to weakly foliated -55 DTCA. No mineralization observed. Lower contact is gradational between quartzite and quartz diorite.

Mineralization

65.0-73.0: 0.01% fracture controlled Py

Alteration

70.65-71.89: Weak, pervasive chlorite alteration

Structure

70.65-71.88: Foliation

71.88-71.89: Lower contact; Lower contact is gradational.

71.89	73.83	1A - Quartzite	S00431764	73.06	73.83	0.77	0.00031	0.008	0.0005	0.0025	0.0025	0.005
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Similar to that described from 11.73-12.67m. 0.01% quartz-carbonate vein hosted Po. Lower contact is sharp -45 DTCA.

Mineralization

65.0-73.0: 0.01% fracture controlled Py

73.0-73.7: ~0.5% quartz-carbonate vein hosted Po

Alteration

71.89-73.83: Moderate, pervasive silicification

Structure

73.82-73.83: Lower contact; Lower contact is sharp -45 DTCA

Project:		Project										
		Hole Number: MMC-21-24										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
73.83	75.62	PSEU - Pseudotachylite	S00431765	73.83	75.0	1.17	0.00198	0.0031	0.0057	0.006	0.0025	0.005
Pseudotachylite. Dark grey to black, very fine grained matrix with mm to cm-scale, subangular to subrounded fragments of silicified metasediment. Matrix comprises ~90% of the unit but locally becomes more fragment-rich. Unit contains 2-3mm fault gouge ~74.55-74.57m ~50 DTCA. Unit is moderately foliated and becomes stronger toward lower contact ~40 DTCA. Interval contains deformed quartz veins with 0.1% quartz vei hosted Po. Lower contact is sharp ~40 DTCA.			S00431766	75.0	75.62	0.62	0.00399	0.0876	0.0194	0.033	0.046	0.06
Mineralization												
75.2-75.3: ~1% quartz-carbonate vein hosted PoCpy												
Alteration												
75.25-76.09: Weak-Moderate, pervasive chlorite alteration												
Structure												
73.83-74.55: breccia; see major litho												
74.55-74.57: Gouge; 3mm gouge seam ~50 DTCA												
74.57-75.61: breccia; see major litho												
75.61-75.62: Lower contact; Lower contact is sharp ~40 DTCA.												
75.62	76.09	4B - Melagabbro	S00431767	75.62	76.07	0.45	0.0103	0.192	0.1529	0.177	0.237	0.19
Melagabbro. Dark green, fine-medium grained, weak-moderate foliation ~40 DTCA, non magnetic. Occurs as a block within the pseudotachylite. Contains 1-2mm black, relict pyroxene phenocrysts. Unit is weakly-moderately chloritized. Disseminated PoCpy occurs ~2-3%. Lower contact is sharp ~35 DTCA.			S00431768	76.07	76.64	0.57	0.00443	0.0367	0.0223	0.026	0.033	0.02
Mineralization												
75.62-76.09: ~2-3% disseminated PoCpy within melagabbro fragment												
Alteration												
75.25-76.09: Weak-Moderate, pervasive chlorite alteration												
Structure												
76.08-76.09: Lower contact; Lower contact is sharp ~35 DTCA												
76.09	76.64	PSEU - Pseudotachylite	S00431768	76.07	76.64	0.57	0.00443	0.0367	0.0223	0.026	0.033	0.02
Similar to that described from 73.83-75.62m. 0.1% quartz-carbonate vein hosted PoCpy. Lower contact is sharp ~55 DTCA.												
Structure												
76.09-76.63: breccia; see major litho												
76.63-76.64: Lower contact; Lower contact is sharp ~55 DTCA												

Project:		Hole Number: MMC-21-24										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
76.64	77.62	QV - Quartz vein	S00431769	76.64	77.58	0.94	0.00142	0.0122	0.0086	0.011	0.014	0.02
Quartz vein. Light grey to white, massive quartz vein ~55 DTCA. Contains ~0.25% PoCpy. Lower contact is sharp and irregular.			S00431771	77.58	78.17	0.59	0.00299	0.01	0.0115	0.007	0.009	0.005
Mineralization												
76.64-77.58: ~0.1% quartz-carbonate vein hosted PoCpy												
Structure												
76.64-77.61: Veins; see major litho												
77.61-77.62: Lower contact; Lower contact is sharp and irregular												
77.62	82.52	PSEU - Pseudotachylite	S00431771	77.58	78.17	0.59	0.00299	0.01	0.0115	0.007	0.009	0.005
Similar to that described from 73.83-75.62m. Contains orange-pink metasediment fragments. Also contains subrounded quartz gabbro unit similar to the QGAB below. No mineralization observed. Lower contact is sharp ~15 DTCA.			S00431772	78.17	79.41	1.24	0.0036	0.0083	0.0157	0.015	0.025	0.02
Structure												
77.62-82.51: breccia; see major litho												
82.51-82.52: Lower contact; Lower contact is sharp ~15 DTCA.												
82.52	86.74	4C - Quartz gabbro										
Quartz gabbro or generic gabbro. Dark grey, fine-medium grained, massive, equigranular, and non magnetic. Consists of ~65-70% amphibole/pyroxene, ~20% plagioclase, and <5 quartz. Unit is crosscut by many cm-scale stringers of medium grey, very fine grained pseudotachylite. No mineralization observed. Lower contact is sharp ~20 DTCA.												
Structure												
86.73-86.74: Lower contact; Lower contact is sharp ~20 DTCA												
86.74	88.71	PSEU - Pseudotachylite	S00431773	88.23	88.74	0.51	0.0062	0.0368	0.0194	0.006	0.013	0.005
Similar to that described from 73.83-75.62m. Foliation is define by imbricated fragments ~25 DTCA. No mineralization observed. Lower contact is sharp and irregular.												
Mineralization												
88.61-88.71: ~2% quartz-carbonate hosted PoCpy												
Structure												
86.74-88.7: breccia; see major litho												
88.7-88.71: Lower contact; Lower contact is sharp and irregular												
88.71	90.11	4C - Quartz gabbro	S00431773	88.23	88.74	0.51	0.0062	0.0368	0.0194	0.006	0.013	0.005
Similar to that described from 77.62-82.52m. Lower contact is sharp ~40 DTCA.			S00431774	88.74	89.25	0.51	0.00424	0.0095	0.0056	0.0025	0.0025	0.005
Structure												
90.1-90.11: Lower contact; Lower contact is sharp ~45 DTCA												

Project: Project	Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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90.11 91.37 PSEU - Pseudotachylite
 Similar to that described from 73.83-75.62m. Foliation is define by imbricated fragments ~20 DTCA. No mineralization observed. Lower contact is sharp and irregular.

Structure

90.11-91.36: breccia; see major litho
 91.36-91.37: Lower contact; Lower contact is sharp and irregular

91.37 98.88 4C - Quartz gabbro
 Similar to that described from 77.62-82.52m. Unit is cut by many cm scale stringers of pseudotachylite including 96.85-97.25m. No mineralization observed. Lower contact is sharp ~0-5 DTCA.

Structure

98.87-98.88: Lower contact; Lower contact is sharp ~0-5 DTCA

98.88 99.3 PSEU - Pseudotachylite
 Similar to that described from 73.83-75.62m. No mineralization observed. Lower contact is sharp ~20 DTCA.

Structure

98.88-99.29: breccia; see major litho
 99.29-99.3: Lower contact; Lower contact is sharp ~20 DTCA

99.3 122.63 4C - Quartz gabbro
 Similar to that described from 77.62-82.52m. Unit is cut by massive, non-mineralized quartz-carbonate vein, ~30cm wide, from 106.5m-106.78m. ~0.5% quartz-carbonate vein hosted Po and ~0.1-0.5% QCVH Cpy from 108m-109m, and ~0.1% QCVH PoCpy is present from 115m- 118m. Lower contact is sharp, ~3 DTCA.

S00431775	106.89	108.23	1.34	0.00459	0.0071	0.0105	0.006	0.029	0.02
S00431776	108.23	108.7	0.47	0.00792	0.1212	0.0333	0.051	0.108	0.02
S00431777	108.7	110.17	1.47	0.00436	0.0085	0.0106	0.006	0.015	0.005
S00431778	121.64	122.66	1.02	0.00461	0.013	0.0068	0.0025	0.0025	0.005

Mineralization

108.4-109.0: ~0.5-1% quartz-carbonate vein hosted PoCpy
 115.44-117.22: ~0.01% quartz-carbonate vein hosted CpyPo
 119.47-123.0: ~0.01% quartz-carbonate vein hosted PoCpy

Alteration

106.5-111.0: Weak-Moderate, patchy, chlorite alteration

Structure

106.5-106.79: Veins; massive quartz-carbonate vein, lower contact is ~60 DTCA
 109.3-110.0: Foliation; Weak foliation at ~35 DTCA
 119.15-119.4: Broken core; interval of broken core. Appears broken down a single plane, not broken like previous apparent fault breaks
 122.62-122.63: Lower contact; Lower contact ~30 DTCA

Project: Project			Hole Number: MMC-21-24									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
122.63	125.91	PSEU - Pseudotachylite	S00431778	121.64	122.66	1.02	0.00461	0.013	0.0068	0.0025	0.0025	0.005
Pseudotachylite. Black green, very fine grained with mm-cm scale clasts of gabbro and silicified Metasediment. Clasts as sub-angular to sub-rounded. The unit consists of up to 90% matrix with localized zones of higher clast concentrations (>10%). The unit is cut by cm-scale quartz-carbonate veins. Veins often bleached pink/ peach ?carbonate?. ~2% quartz-carbonate vein hosted to disseminated Po preset, with ~1-2% QCVH to disseminated Cpy. Lower contact is sharp, ~50DTCA.			S00431779	122.66	123.82	1.16	0.00444	0.0085	0.0179	0.016	0.022	0.03
			S00431781	123.82	124.52	0.7	0.00395	0.0095	0.0112	0.0025	0.009	0.005
			S00431782	124.52	125.19	0.67	0.0055	0.0461	0.0231	0.016	0.046	0.03
Mineralization			S00431783	125.19	125.93	0.74	0.00669	0.0375	0.0381	0.017	0.049	0.05
119.47-123.0: ~0.01% quartz-carbonate vein hosted PoCpy												
123.0-125.91: ~2-3% quartz-carbonate vein hosted PoCpy, with Po disseminated as well												
Alteration												
122.63-125.2: Weak, patchy bleaching/ hematite alteration												
125.2-135.48: Weak, pervasive chlorite alteration												
Structure												
122.63-125.9: breccia; See major litho												
125.9-125.91: Lower contact; Lower contact ~50 DTCA												
125.91	134.81	4C - Quartz gabbro	S00431783	125.19	125.93	0.74	0.00669	0.0375	0.0381	0.017	0.049	0.05
Similar to that described from 82.52m-86.74m. Quartz gabbro or generic gabbro. Very fine grained, dark green to black, massive, equigranular, non-magnetic. Unit consists of ~75% amphibole and pyroxene, ~15-20% feldspar, and ~5-10% quartz. Unit is cross cut by up to ~20cm wide pseudotachylite seams, and as small as 2cm wide, which is very fine grained. The seams occur between 132m-134.5m. These seams can contain disseminated to QCVH PoCpy up to 1% on the local scale. For the unit, ~0.1% disseminated to QCVH PoCpy present, locally as mentioned before. Lower contact is sharp, ~60 DTCA.			S00431784	125.93	127.29	1.36	0.00448	0.0124	0.0053	0.0025	0.0025	0.005
			S00431785	127.29	128.76	1.47	0.00487	0.0114	0.0052	0.0025	0.0025	0.005
			S00431786	128.76	130.17	1.41	0.00519	0.016	0.0078	0.0025	0.0025	0.005
			S00431787	130.17	131.45	1.28	0.00494	0.0143	0.0062	0.0025	0.0025	0.005
Mineralization			S00431788	131.45	132.0	0.55	0.00454	0.0123	0.0051	0.0025	0.0025	0.005
126.75-132.27: ~0.01-0.1% quartz-carbonate vein hosted Po, and ~0.01% quartz-carbonate vein hosted Cpy			S00431789	132.0	132.64	0.64	0.00606	0.0344	0.0094	0.0025	0.007	0.005
132.27-132.44: ~0.5% disseminated to quartz-carbonate vein hosted Po, and ~0.01% quartz-carbonate vein hosted Cpy			S00431791	132.64	133.63	0.99	0.00504	0.013	0.0051	0.0025	0.0025	0.005
132.44-134.81: ~0.01% quartz-carbonate vein hosted PoCpy			S00431792	133.63	134.81	1.18	0.00399	0.0235	0.0064	0.0025	0.0025	0.005
Alteration												
125.2-135.48: Weak, pervasive chlorite alteration												
Structure												
132.27-132.44: breccia; Pseudotachylite section in gabbro												
133.74-133.84: breccia; Pseudotachylite section in gabbro												
134.8-134.81: Lower contact; Lower contact ~60 DTCA												

Project: Project		Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
134.81	135.48	PSEU - Pseudotachylite	S00431793	134.81	135.48	0.67	0.0061	0.1839	0.0493	0.043	0.062	0.04

Similar to 122.63m-125.91m. Clasts of metasediment and gabbro are subrounded, mm-cm scale (up to 10cm). Chlorite alteration veins on mm scale cross cut the unit. ~1-2% disseminated PoCpy present. Lower contact is sharp, ~40 DTCA.

Mineralization

134.81-135.48: ~1-2% quartz-carbonate vein hosted Po, and ~0.5-1% quartz-carbonate vein hosted Cpy

Alteration

125.2-135.48: Weak, pervasive chlorite alteration

Structure

134.81-135.47: breccia; See major litho

135.47-135.48: Lower contact; Lower contact ~40 DTCA

Project: Project			Hole Number: MMC-21-24									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
135.48	179.31	4B - Melagabbro	S00431794	135.48	136.37	0.89	0.0122	0.1122	0.1366	0.065	0.113	0.11
<p>Melagabbro. Dark grey to black, medium grained with gradational cm-scale fine grained intervals, massive. Unit contains ~70% amphibole, ~30% feldspar +/- trace amounts blue quartz. Unit has weak pervasive chlorite alteration and localized hematite/bleaching alteration of feldspars. PoCpy mineralization % is very variable, from ~1% disseminated to blebby, up to ~10-15% net-textured. Localized pentlandite is also seen in the net textured areas. ~10-15% net textured PoCpy from 135.48m-138.2m. ~5-8% disseminated blebby PoCpy from 138.2m--143m. ~3-5% disseminated PoCpy from 143m-159m. ~2-3% blebby to disseminated PoCpy from 159m-164.3m. ~3-5% blebby to disseminated PoCpy from 164.3m-166.7m. Lower contact is sharp, ~65 DTCA.</p> <p>Mineralization 135.48-138.09: ~15% net textured to blebby Po, ~3% blebby to net textured Cpy, and ~0.1-0.5% exsolution Pentlandite 138.09-142.35: ~5-7% blebby Po, ~3-4% blebby Cpy, and ~0.01% exsolution Pentlandite 142.35-146.84: ~1% disseminated PoCpy 146.84-148.6: ~2-3% disseminated to blebby PoCpy 148.6-162.5: ~2-3% disseminated Po, and ~1-2% disseminated Cpy 162.5-164.3: ~1% disseminated PoCpy 164.3-166.63: ~3% disseminated to blebby Po and ~2% disseminated to blebby Cpy 166.63-169.9: ~0.1% disseminated Po 169.9-171.28: ~3-5% disseminated Po and ~1-3% disseminated Cpy 171.28-176.0: ~0.5-1% disseminated PoCpy 176.0-177.9: ~2-3% disseminated Po, and ~0.5-1% disseminated Cpy 177.9-180.0: ~0.5% disseminated Po and ~0.01-0.1% disseminated Cpy</p> <p>Alteration 149.8-150.7: Weak, pervasive, bleaching/hematite alteration 169.35-179.99: Weak, pervasive, chlorite alteration</p> <p>Structure 179.3-179.31: Lower contact; Lower contact is sharp, ~65 DTCA</p>			S00431795	136.37	136.87	0.5	0.0378	0.2605	0.5442	0.105	0.225	0.15
			S00431796	136.87	137.74	0.87	0.0166	0.2752	0.1917	0.184	0.3	0.31
			S00431797	137.74	138.21	0.47	0.0332	0.4993	0.4488	0.204	0.394	0.35
			S00431798	138.21	139.56	1.35	0.0121	0.144	0.1448	0.088	0.162	0.13
			S00431799	139.56	141.0	1.44	0.00894	0.1987	0.0833	0.048	0.109	0.08
			S00431801	141.0	142.35	1.35	0.0118	0.1545	0.129	0.089	0.157	0.11
			S00431802	142.35	143.72	1.37	0.00554	0.0559	0.019	0.012	0.016	0.02
			S00431803	143.72	145.11	1.39	0.00686	0.1015	0.0384	0.019	0.031	0.04
			S00431804	145.11	146.55	1.44	0.00606	0.046	0.0278	0.021	0.036	0.03
			S00431805	146.55	147.92	1.37	0.00822	0.0812	0.0549	0.031	0.063	0.05
S00431806	147.92	149.32	1.4	0.00604	0.0542	0.0245	0.012	0.02	0.01			
S00431807	149.32	150.54	1.22	0.00693	0.089	0.0449	0.027	0.05	0.04			
S00431808	150.54	150.92	0.38	0.0043	0.0196	0.0109	0.0025	0.006	0.005			
S00431809	150.92	152.31	1.39	0.00801	0.1057	0.052	0.034	0.059	0.05			
S00431811	152.31	153.7	1.39	0.00844	0.1137	0.0664	0.043	0.073	0.06			
S00431812	153.7	154.98	1.28	0.00665	0.0674	0.0426	0.03	0.051	0.04			
S00431813	154.98	156.3	1.32	0.00694	0.0988	0.0518	0.04	0.068	0.07			
S00431814	156.3	157.68	1.38	0.0058	0.0551	0.0301	0.019	0.032	0.02			
S00431815	157.68	159.0	1.32	0.00605	0.0929	0.0457	0.032	0.065	0.06			
S00431816	159.0	160.32	1.32	0.00694	0.0863	0.053	0.043	0.057	0.05			
S00431817	160.32	160.97	0.65	0.00691	0.0646	0.0482	0.027	0.052	0.06			
S00431818	160.97	162.47	1.5	0.00611	0.0656	0.0418	0.031	0.057	0.04			
S00431819	162.47	163.86	1.39	0.00533	0.0462	0.0187	0.012	0.021	0.02			
S00431821	163.86	165.0	1.14	0.0134	0.2247	0.1863	0.098	0.2	0.16			
S00431822	165.0	166.05	1.05	0.0211	0.5026	0.3183	0.166	0.341	0.26			
S00431823	166.05	167.31	1.26	0.00864	0.1209	0.1234	0.154	0.162	0.11			
S00431824	167.31	168.74	1.43	0.00122	0.0034	0.0072	0.008	0.0025	0.005			
S00431825	168.74	170.1	1.36	0.0052	0.039	0.0615	0.129	0.078	0.06			
S00431826	170.1	171.0	0.9	0.00999	0.2245	0.1537	0.225	0.219	0.15			
S00431827	171.0	171.81	0.81	0.00909	0.1653	0.1007	0.192	0.137	0.14			
S00431828	171.81	172.5	0.69	0.00439	0.0893	0.0382	0.16	0.067	0.05			

Project: Project	Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
			S00431829	172.5	174.0	1.5	0.012	0.0306	0.1302	1.13	0.224	0.19
			S00431831	174.0	175.5	1.5	0.00488	0.0301	0.0351	0.2	0.064	0.08
			S00431832	175.5	176.6	1.1	0.00482	0.0496	0.0158	0.026	0.027	0.08
			S00431833	176.6	177.54	0.94	0.00569	0.0838	0.0396	0.055	0.076	0.04
			S00431834	177.54	178.77	1.23	0.00375	0.0211	0.014	0.012	0.015	0.01
			S00431835	178.77	179.31	0.54	0.00351	0.0042	0.0154	0.011	0.015	0.02
179.31	179.99	PSEU - Pseudotachylite	S00431836	179.31	180.0	0.69	0.00766	0.0884	0.0337	0.044	0.046	0.04

Pseudotachylite. Fine grained, green to green black matrix, brecciated with mm to ~5cm wide clasts of blue sub-rounded to tabular metasediments. Unit is comprised of ~70-80% matrix, ~0.1-0.5% disseminated PoCpy. Weak pervasive chlorite alteration. Lower contact is sharp, ~45 DTCA and irregular.

Mineralization

177.9-180.0: ~0.5% disseminated Po and ~0.01-0.1% disseminated Cpy

Alteration

169.35-179.99: Weak, pervasive, chlorite alteration

Structure

179.31-179.98: breccia; See major litho

179.98-179.99: Lower contact; Lower contact sharp and irregular, ~45 DTCA

179.99	192.17	1A - Quartzite	S00431836	179.31	180.0	0.69	0.00766	0.0884	0.0337	0.044	0.046	0.04
			S00431837	180.0	180.59	0.59	0.00346	0.0178	0.0212	0.033	0.012	0.005

Quartzite. Light pink/ tan, massive to weakly bedded at ~25 DTCA, non-magnetic. Consists of >90% quartz, black spots present (likely amphibole or pyroxene). Localized ~10cm wide bands of chlorite alteration at ~40 DTCA and also ~parallel to core axis. Bands contain PoCpy mineralization. Full unit consists of ~0.1% quartz-carbonate vein hosted PoCpy. Lower contact is sharp, ~45 DTCA.

Mineralization

177.9-180.0: ~0.5% disseminated Po and ~0.01-0.1% disseminated Cpy

180.0-180.4: ~0.5% quartz-carbonate vein hosted PoCpy

184.0-184.34: ~0.5-1% quartz-carbonate to disseminated Po and ~0.01-0.1% quartz-carbonate vein hosted Cpy

188.9-192.17: ~0.01-0.1% quartz-carbonate vein hosted PoCpy

Alteration

179.99-192.17: Moderate, pervasive silicification, and weak, fracture controlled chlorite

Structure

186.0-188.74: Bedding; Weak bedding within a quartzite, ~25 DTCA

192.16-192.17: Lower contact; Lower contact sharp, ~45 DTCA

Project:		Hole Number: MMC-21-24										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
192.17	205.01	4C - Quartz gabbro	S00431838	192.17	193.55	1.38	0.00629	0.1344	0.0437	0.078	0.099	0.04
<p>Vari-textured Quartz Gabbro. Dark green black, medium to locally fine grained, vari-textured, non-magnetic. Consists of ~60% amphibole, 30% feldspar, 10% quartz. Unit is cross cut by 2 faults: from 193.04m-193.06m, and from 200.34m-200.40m. Faults are filled with muddy, soft, green gouge. Local leucocratic pods present up to ~25cm wide. ~3% disseminated to quartz-carbonate vein hosted PoCpy present from start of unit to 196.63m. From 196.63m -202.5m, ~0.1-0.5% disseminated PoCpy. Lower contact is sharp, ~50 DTCA.</p> <p>Mineralization</p> <p>192.17-194.58: ~1-3% quartz-carbonate vein hosted to disseminated PoCpy</p> <p>194.58-196.7: ~3-5% disseminated to quartz-carbonate vein hosted PoCpy</p> <p>196.7-201.95: ~0.1-0.5% disseminated to quartz-carbonate vein hosted PoCpy</p> <p>201.95-202.78: ~3-5% disseminated PoCpy</p> <p>202.78-205.29: ~0.01-0.1% disseminated Po</p> <p>Alteration</p> <p>192.17-204.6: Weak, pervasive chlorite alteration</p> <p>204.6-205.01: Weak/moderate, pervasive chlorite alteration</p> <p>Structure</p> <p>193.04-193.06: Fault; ~2cm fault gouge, ~30 DTCA</p> <p>200.34-200.4: Fault; ~6cm fault gouge, ~35 DTCA</p> <p>204.61-205.01: Foliation; foliation of gabbro ~30 DTCA</p>			S00431839	193.55	195.0	1.45	0.00932	0.1404	0.1133	0.083	0.168	0.15
			S00431841	195.0	195.6	0.6	0.00917	0.1843	0.1433	0.097	0.172	0.13
			S00431842	195.6	196.95	1.35	0.00474	0.0319	0.0139	0.007	0.011	0.005
			S00431843	196.95	198.25	1.3	0.00504	0.0225	0.0053	0.0025	0.0025	0.005
			S00431844	198.25	199.7	1.45	0.0059	0.0339	0.0278	0.006	0.016	0.01
			S00431845	199.7	201.0	1.3	0.00541	0.0325	0.0161	0.01	0.03	0.02
			S00431846	201.0	201.92	0.92	0.00545	0.0388	0.0186	0.008	0.023	0.01
			S00431847	201.92	202.6	0.68	0.0115	0.2325	0.1915	0.157	0.301	0.21
			S00431848	202.6	203.95	1.35	0.00485	0.0235	0.0079	0.006	0.009	0.01
			S00431849	203.95	205.0	1.05	0.00527	0.0226	0.027	0.012	0.023	0.01
S00431851	205.0	206.3	1.3	0.00921	0.177	0.1171	0.097	0.179	0.1			
205.01	206.03	SHR - Shearzone	S00431851	205.0	206.3	1.3	0.00921	0.177	0.1171	0.097	0.179	0.1
<p>Shearzone. Black brown, fine grained with white blue carbonate stringers. Foliation of the shear ~40 DTCA. Weak, pervasive chlorite alteration. ~0.5% quartz-carbonate vein hosted PoCpy. Lower contact is sharp, ~50 DTCA.</p> <p>Mineralization</p> <p>202.78-205.29: ~0.01-0.1% disseminated Po</p> <p>205.29-206.03: ~1-2% quartz-carbonate vein hosted to disseminated PoCpy</p> <p>Alteration</p> <p>205.01-206.03: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>205.01-206.02: Shear; See major litho</p> <p>206.02-206.03: Lower contact; Lower contact ~50 DTCA</p>												

Project:		Project											Hole Number: MMC-21-24					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)						
206.03	256.95	1A - Quartzite	S00431851	205.0	206.3	1.3	0.00921	0.177	0.1171	0.097	0.179	0.1						
Similar as 179.99m-192.17m. Massive to locally very weakly bedded, tan to pink/tan, fine grained, non-magnetic. Localized PoPy +/- Cpy quartz-carbonate vein hosted mineralization up to 0.01% on the m-scale. Lower contact is sharp and brecciated ~25 DTCA.			S00431852	255.65	256.95	1.3	0.0009	0.0039	0.0018	0.0025	0.0025	0.005						
Mineralization																		
206.03-211.0: ~0.01% quartz-carbonate vein hosted PoPy																		
217.48-229.0: ~0.01% quartz-carbonate vein hosted PyPo																		
248.0-249.0: ~0.01% disseminated Py																		
253.4-253.5: ~1% fracture controlled Po																		
254.5-256.95: ~0.25% disseminated Py																		
Alteration																		
206.03-256.95: Moderate, pervasive silicification																		
Structure																		
256.94-256.95: Lower contact; Lower contact is sharp ~25 DTCA.																		
256.95	258.92	SHR - Shearzone	S00431853	256.95	257.36	0.41	0.00372	0.0083	0.004	0.0025	0.0025	0.005						
Similar to that described from 205.01-206.03 m. Foliation starts weak and grades into moderately developed foliation ~25 DTCA. Weak-moderate, pervasive chlorite and carbonate alteration. Foliation parallel quartz-carbonate veining abundance increases up to ~10% after 258 m. No sulphides observed. Lower contact is sharp ~60 DTCA.			S00431854	257.36	258.26	0.9	0.00632	0.0025	0.0077	0.007	0.007	0.01						
			S00431855	258.26	258.92	0.66	0.00516	0.0175	0.0069	0.006	0.008	0.01						
Mineralization																		
256.95-257.36: ~1% fracture controlled Po																		
Alteration																		
256.95-258.92: Weak-moderate, pervasive chlorite and carbonate alteration																		
Structure																		
256.95-258.91: Shear; see major litho																		
258.91-258.92: Lower contact; Lower contact is sharp ~60 DTCA.																		

Project:		Hole Number: MMC-21-24										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
258.92	282.63	4C - Quartz gabbro	S00431856	258.92	259.7	0.78	0.0058	0.0149	0.0077	0.006	0.01	0.01
<p>Similar to that described from 192.17-205.01 m. Weak, patchy hematite staining of plagioclase occurs throughout with weak, pervasive chlorite. Unit is cut by 0.1-7 cm quartz-carbonate+/-chlorite veins ~15-50 DTCA. Interval contains ~0.01% disseminated and quartz-carbonate vein hosted PoCpy, locally up to 0.5% at the decimeter scale. ~10cm quartz-carbonate vein occurs 261.92-262.03m ~25 DTCA with ~20% Po. Lower contact is sharp and irregular.</p> <p>Mineralization</p> <p>261.92-262.03: ~20% quartz-carbonate vein hosted Po</p> <p>268.9-269.6: 0.5% quartz-carbonate vein hosted PoCpy</p> <p>275.75-275.85: ~0.1% quartz-carbonate vein hosted Po</p> <p>279.85-280.7: ~0.5-1.0% finely disseminated Po+/-Cpy(?) associated with coarse grained varitextured patch</p> <p>280.7-281.0: ~2-3% quartz-carbonate vein hosted CpyPo</p> <p>281.0-283.2: ~0.25-0.50% disseminated PoCpy</p> <p>Alteration</p> <p>258.92-269.0: Weak, pervasive chlorite alteration</p> <p>269.0-270.0: Weak-moderate, pervasive chlorite alteration associated with quartz veining</p> <p>270.0-275.5: Weak, pervasive chlorite alteration</p> <p>275.5-277.0: Weak-moderate, pervasive chlorite alteration</p> <p>277.0-282.63: Weak, pervasive chlorite alteration and weak, patchy hematite staining of plagioclase</p> <p>Structure</p> <p>261.92-262.04: Veins; ~10 cm quartz-carbonate vein ~25 DTCA with ~20% Po</p> <p>282.62-282.63: Lower contact; Lower contact is sharp and irregular.</p>			S00431857	259.7	261.15	1.45	0.00567	0.0133	0.0079	0.005	0.01	0.01
			S00431858	261.15	261.8	0.65	0.00539	0.0185	0.0079	0.005	0.012	0.01
			S00431859	261.8	262.15	0.35	0.0217	0.0251	0.277	0.005	0.036	0.01
			S00431862	262.15	263.16	1.01	0.00479	0.0127	0.0088	0.005	0.009	0.01
			S00431863	263.16	264.62	1.46	0.00626	0.0088	0.0081	0.0025	0.009	0.01
			S00431864	264.62	266.08	1.46	0.00474	0.013	0.0068	0.0025	0.008	0.01
			S00431865	266.08	267.54	1.46	0.00517	0.0134	0.0072	0.0025	0.011	0.02
			S00431866	267.54	268.9	1.36	0.0048	0.0144	0.006	0.0025	0.008	0.01
			S00431867	268.9	269.6	0.7	0.00439	0.0094	0.0043	0.0025	0.008	0.01
			S00431868	269.6	270.0	0.4	0.00523	0.0099	0.0062	0.0025	0.01	0.01
			S00431869	270.0	271.0	1	0.00525	0.0119	0.0071	0.0025	0.012	0.01
			S00431871	271.0	272.49	1.49	0.00519	0.012	0.0069	0.005	0.014	0.01
			S00431872	272.49	273.95	1.46	0.00533	0.0211	0.0064	0.007	0.009	0.01
S00431873	273.95	275.33	1.38	0.00506	0.0184	0.007	0.007	0.011	0.01			
S00431874	275.33	276.0	0.67	0.00493	0.03	0.0074	0.006	0.01	0.01			
S00431875	276.0	276.92	0.92	0.00463	0.0206	0.0067	0.006	0.012	0.01			
S00431876	276.92	278.37	1.45	0.00467	0.0218	0.0079	0.0025	0.011	0.01			
S00431877	278.37	279.85	1.48	0.00485	0.0154	0.0071	0.006	0.012	0.01			
S00431878	279.85	280.46	0.61	0.00498	0.036	0.0066	0.008	0.008	0.01			
S00431879	280.46	281.0	0.54	0.0103	0.2587	0.0272	0.009	0.044	0.04			
S00431881	281.0	282.0	1	0.0045	0.0198	0.0095	0.009	0.02	0.01			
S00431882	282.0	282.63	0.63	0.00542	0.0408	0.0081	0.014	0.028	0.03			

Project: Project			Hole Number: MMC-21-24									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
282.63	297.26	3A - Nipissing gabbro										
<p>Generic gabbro - possibly into footwall gabbro(?). Dark grey-green, fine-medium grained, massive, inequigranular, non magnetic. Consists of ~70% amphibole/pyroxene and 30% plagioclase. Plagioclase occurs interstitial to amphibole/pyroxene but also locally occurs as irregular clots. Weak, patchy hematite staining of plagioclase occurs throughout. Interval is cut by 0.1-5 cm quartz-carbonate and brown carbonate veins ~45-55 DTCA. Overall contains ~0.01% PoCpy within quartz-carbonate veins, locally up to 0.5% at the decimeter scale. Lower contact is gradational, marked by increased foliation strength.</p>			S00431883	282.63	283.15	0.52	0.00621	0.04	0.0162	0.012	0.019	0.03
			S00431884	283.15	284.36	1.21	0.00494	0.0106	0.0106	0.005	0.009	0.005
			S00431885	292.78	294.24	1.46	0.00498	0.0128	0.0107	0.0025	0.008	0.005
			S00431886	294.24	295.15	0.91	0.00498	0.034	0.0111	0.006	0.009	0.005
			S00431887	295.15	296.53	1.38	0.00454	0.011	0.0098	0.006	0.008	0.005
<p>Mineralization</p> <p>281.0-283.2: ~0.25-0.50% disseminated PoCpy</p> <p>289.95-290.05: ~1-2% quartz-carbonate vein hosted PoCpy</p> <p>294.25-295.1: ~0.5-1.0% quartz-carbonate vein hosted PoCpy</p> <p>295.1-296.55: ~0.1% quartz-carbonate vein hosted PoCpy</p>												
<p>Alteration</p>												
<p>Structure</p> <p>297.25-297.26: Lower contact; Lower contact is gradational marked by increased foliation strength.</p>												
297.26	298.47	SHR - Shearzone										
<p>Sheared gabbro. Dark brown-green, weakly to moderately foliated ~25 DTCA. Moderate, pervasive chlorite alteration. Interval is cut by 30cm quartz vein ~35-40 DTCA with <1% 0.1-2cm quartz-carbonate veinlets. No sulphides observed. Lower contact is gradational marked by decreased foliation strength.</p>												
<p>Alteration</p> <p>297.26-298.47: Moderate, pervasive chlorite alteration</p>												
<p>Structure</p> <p>297.26-298.46: Shear; See major litho</p> <p>298.46-298.47: Lower contact; Lower contact is gradational marked by decreased foliation strength.</p>												
298.47	317.99	3B - Nipissing quartz gabbro										
<p>Vari-textured quartz gabbro. Dark green black, medium to locally coarse grained, vari-textured, non-magnetic. Consists of ~60% amphibole, 30% feldspar, 10% quartz. Weak, patchy hematite staining of plagioclase occurs throughout; more pronounced in coarse grained patches. PoCpy occurs disseminated ~0.1% with up to 0.5% at the decimeter scale associated with coarse grained patches and quartz-carbonate vein hosted PoCpy ~0.01%. EOH</p>			S00431888	316.74	317.3	0.56	0.00485	0.0454	0.0033	0.006	0.0025	0.005
<p>Mineralization</p> <p>299.5-299.6: ~0.5-1.0% quartz-carbonate vein hosted PoCpy</p> <p>316.75-317.3: ~0.5-1.0% quartz-carbonate vein hosted to fracture controlled PoCpy</p>												
<p>Alteration</p> <p>298.47-318.0: Weak, patchy hematite staining of plagioclase</p>												

Project:	Project	Hole Number: MMC-21-24
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
317.99	318	EOH										

Alteration

298.47-318.0: Weak, patchy hematite staining of plagioclase

Project: Project		Hole Number: MMC-21-25					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Jul-19-2021	Drilling Started: Jul-16-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jul-22-2021	Drilling Completed: Jul-18-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 276	Logged By: G. Hamilton & C. Caskenette	Drilling Contractor: Gyllis	Easting:	436016		
Casing: Mt	Actual Depth: 282			Northing:	5133391		
Elevation: 318							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	1	OB - Overburden										

1 5.03 1A - Quartzite
 Quartzite. Light to dark brown-grey, massive to well bedded ~50-60 DTCA, non magnetic. Consists of >90% recrystallized quartz with sand sized grains locally discernable. Unit contains moderate, hematite alteration which occurs as patches and alteration haloes surrounding fractures. No sulphides observed. Lower contact is sharp ~30 DTCA.

Alteration
 1.0-5.03: Moderate, pervasive silicification and moderate, patchy hematite alteration

Structure
 5.02-5.03: Lower contact; Lower contact is sharp ~30 DTCA.

5.03 9.29 4D - Biotite quartz diorite
 Quartz diorite. Medium to dark grey-green, fine grained, weakly foliated ~25 DTCA, non magnetic. Consists of ~5-10% 1-2mm quartz phenocrysts contained within a dark grey-green, fine grained groundmass with ~25-30% plagioclase and the remainder amphibole/chlorite. Unit contains 3-4 blocks of quartzite ~5-30 cm which occur imbricated subparallel to foliation ~20-40 DTCA. No sulphides observed. Lower contact is sharp ~40 DTCA.

Alteration
 5.03-9.29: Weak, pervasive chlorite alteration

Structure
 5.03-9.28: Foliation
 9.28-9.29: Lower contact; Lower contact is sharp ~40 DTCA.

Project: Project	Hole Number: MMC-21-25
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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9.29 36.81 1A - Quartzite

Similar to that described from 1-5.03 m. Bedding occurs ~30-60 DTCA locally and becomes more pervasive from 21-30m. Appears to be shearing along bedding planes with localized augen shaped metasediment fragments. Blocky core occurs from 14-15m, 18.7-20.5m, and 29.5-29.63m. Unit is cut by 0.5-30cm quartz-carbonate veining ~35-40 DTCA including a 30cm vein from 23.7-24m ~35-40 DTCA with weak crack-seal texture along lower contact of vein. No sulphides observed. Lower contact is sharp and irregular with underlying pseudotachylite unit.

Alteration

9.29-36.81: Moderate, pervasive silicification and weak, fracture filling chlorite alteration

Structure

- 11.7-11.9; Weak bedding ~60 DTCA
- 14.0-15.0: Blocky core
- 15.48-15.65: Shear; Narrow shear ~40 DTCA associated with moderate foliation with augen-shaped metasediment fragments
- 18.7-20.5: Blocky core
- 21.5-22.5
- 22.5-25.0
- 25.0-26.0
- 26.0-27.0
- 27.0-28.0
- 29.5-29.63: Blocky core
- 36.2-36.21: Lower contact; Lower contact is sharp and irregular.
- 36.21-38.89: Shear; see major litho

36.81 38.9 SHR - Shearzone

Shear zone. Dark green-grey, fine grained, moderately foliated ~35 DTCA, non magnetic. Possibly sheared pseudotachylite. Contains cm-scale shear quartz veining ~38.25m parallel to foliation. No sulphides observed. Lower contact is sharp and irregular.

Alteration

36.81-38.9: Moderate, pervasive chlorite alteration

Structure

- 36.21-38.89: Shear; see major litho
- 38.89-38.9: Lower contact; Lower contact is sharp and irregular.

Project:	Project	Hole Number: MMC-21-25
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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38.9 40.2 1A - Quartzite
 Similar to that described from 1-5.03 m. No sulphides observed. Lower contact is sharp ~20 DTCA.

Alteration

38.9-40.2: Moderate, pervasive silicification

Structure

40.19-40.2: Lower contact; Lower contact is sharp ~20 DTCA.

40.2 46.2 PSEU - Pseudotachylite
 Pseudotachylite. Dark grey-green, very fine grained matrix ~60-70% with ~0.5-30cm imbricated fragments of quartzite that occur parallel to foliation ~30-35 DTCA. Weak-mod, patchy chlorite alteration of matrix and moderate patchy silicification of quartzite fragments and matrix. ~0.1% fracture fill to locally disseminated Po with 0.01% disseminated Py within quartzite fragments locally. Lower contact is sharp ~20 DTCA.

Mineralization

40.7-42.3: ~0.01% fracture controlled to disseminated Po and 0.01% disseminated Py

Alteration

40.2-45.55: Weak-moderate, patchy silicification and weak, patchy chlorite alteration

45.55-46.7: Weak-moderate, pervasive chlorite alteration

Structure

40.2-41.0: Foliation; Foliated Pseudotachylite

41.0-42.5: breccia

42.5-46.19: Foliation

46.19-46.2: Lower contact; Lower contact is sharp ~20 DTCA.

Project: Project			Hole Number: MMC-21-25									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
46.2	59	DIA - Diabase	S00431889	47.3	47.74	0.44	0.00674	0.0176	0.0083	0.0025	0.0025	0.005
Diabase or fine gabbro. Dark grey-green, fine-medium grained, massive, inequigranular, non magnetic. Consists of ~70% amphibole+/- biotite and 30% plagioclase. Unit has been called diabase due to its finer grained nature and concordance with diabase unit in S-13 hole. Unit is cut by 3-18cm quartz-carbonate veining ~35-60 DTCA. Sulphides occur as ~0.1% quartz-carbonate vein hosted Po and Py +/- Cpy, locally up to 2-3% at the decimeter scale. Lower contact is sharp and irregular.			S00431891	51.55	52.0	0.45	0.00584	0.0091	0.0088	0.0025	0.0025	0.005
			S00431892	55.76	57.25	1.49	0.006	0.0104	0.0062	0.0025	0.0025	0.005
			S00431893	57.25	57.61	0.36	0.00547	0.0628	0.0063	0.011	0.0025	0.005
Mineralization			S00431894	57.61	58.99	1.38	0.00544	0.0126	0.0056	0.0025	0.0025	0.005
47.48-47.58: ~1% quartz-carbonate vein hosted Po and 1% Py			S00431895	58.99	60.16	1.17	0.00529	0.0096	0.0095	0.0025	0.008	0.005
51.66-51.86: ~2% quartz-carbonate vein hosted Py and ~0.5% Po												
52.65-53.5: ~0.1% quartz-carbonate vein hosted Po and 0.01% Py												
57.45-57.55: ~0.5-1% quartz-carbonate vein hosted PoCpy												
58.55-58.65: ~0.5% quartz-carbonate vein hosted Py												
Alteration												
45.55-46.7: Weak-moderate, pervasive chlorite alteration												
Structure												
51.66-51.84: Veins; 18cm quartz-carbonate vein ~55-60 DTCA with 2% PyPo												
58.99-59.0: Lower contact; Lower contact is sharp and irregular												
59	66.28	PSEU - Pseudotachylite	S00431895	58.99	60.16	1.17	0.00529	0.0096	0.0095	0.0025	0.008	0.005
Pseudotachylite with minor Diabase for the first 1-3m(?). Medium grey, very fine grained matrix ~60-70% with ~0.1-30cm subangular to subrounded fragments of gabbro. Weak chloritization of gabbro fragments and weak-moderate silicification of matrix. A 2-3mm gouge seam occurs ~60 DTCA @65.42-65.43m. Interval is cut by 1-40cm quartz-carbonate+/-brown carbonate veins ~30-55 DTCA. ~0.1% quartz-carbonate vein hosted Cpy>Po fill, locally up to 1-2% at the decimeter scale i.e., 63.54-63.74m. Lower contact is sharp and irregular.			S00431896	60.16	61.61	1.45	0.00545	0.0117	0.0086	0.0025	0.006	0.005
			S00431897	61.61	61.93	0.32	0.00896	0.0503	0.0185	0.005	0.012	0.005
			S00431898	61.93	63.0	1.07	0.00497	0.0074	0.0084	0.0025	0.006	0.005
Mineralization			S00431899	63.0	63.54	0.54	0.00482	0.0071	0.0078	0.0025	0.0025	0.005
59.0-59.1: ~0.5% quartz-carbonate vein hosted PoCpy			S00431901	63.54	63.96	0.42	0.0023	0.2418	0.006	0.008	0.0025	0.005
61.7-61.85: ~1-2% quartz-carbonate vein hosted PoCpy			S00431902	63.96	64.58	0.62	0.00263	0.016	0.0061	0.0025	0.0025	0.005
63.54-63.74: ~1-2% quartz-carbonate vein hosted CpyPo			S00431903	64.58	65.42	0.84	0.00498	0.0161	0.0101	0.0025	0.006	0.005
64.48-64.58: ~0.25-0.50% quartz-carbonate vein hosted Cpy			S00431904	65.42	66.32	0.9	0.0028	0.0401	0.0094	0.0025	0.0025	0.005
Alteration												
59.0-66.28: Weak-moderate, patchy silicification and weak, patchy chlorite alteration												
Structure												
59.0-65.42: breccia; see major litho												
65.42-65.43: Gouge; 2-3mm gouge seam occurs ~60 DTCA												
65.43-66.27: breccia; see major litho												
66.27-66.28: Lower contact; Lower contact is sharp and irregular.												

Project:		Hole Number: MMC-21-25										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
66.28	69.72	1A - Quartzite	S00431904	65.42	66.32	0.9	0.0028	0.0401	0.0094	0.0025	0.0025	0.005
Similar to that described from 1-5.03 m. No sulphides observed. Lower contact is sharp ~50 DTCA.			S00431905	66.32	67.2	0.88	0.00044	0.00025	0.0019	0.0025	0.0025	0.005
Alteration			S00431906	67.2	68.55	1.35	0.00129	0.0007	0.0036	0.0025	0.0025	0.005
66.28-69.72: Moderate, pervasive silicification			S00431907	68.55	69.72	1.17	0.00053	0.00025	0.0026	0.0025	0.0025	0.005
Structure												
69.71-69.72: Lower contact; Lower contact is sharp ~50 DTCA.												
69.72	72.11	4B - Melagabbro	S00431908	69.72	70.72	1	0.0104	0.126	0.0813	0.043	0.095	0.07
Melagabbro. Dark green-grey, fine-medium grained, weakly-moderately foliated ~35-50 DTCA , equigranular, non magnetic. Contains 2-3mm black relict pyroxene phenocrysts. Unit is cut by 0.1-0.5cm carbonate-quartz stringers ~65 DTCA and a 10cm quartz vein ~65 DTCA @71.9-72m associated with ~5-8% PoCpy. Overall, unit contains ~3% disseminated Cpy>Po. Lower contact is sharp ~50 DTCA.			S00431909	70.72	71.72	1	0.0129	0.1241	0.1569	0.096	0.201	0.16
			S00431911	71.72	72.11	0.39	0.00901	0.2245	0.0911	0.031	0.059	0.07
Mineralization												
70.0-71.72: ~2-3% disseminated CpyPo with ~0.5% quartz-carbonate vein hosted CpyPo												
71.72-72.0: ~2% quartz-carbonate vein hosted Cpy and ~2% Po												
Alteration												
69.72-73.0: Moderate, pervasive chlorite alteration												
Structure												
69.72-72.1: Foliation												
72.1-72.11: Lower contact; Lower contact is sharp ~50 DTCA.												

Project: Project			Hole Number: MMC-21-25									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
72.11	117.12	4C - Quartz gabbro	S00431912	72.11	73.0	0.89	0.00547	0.0444	0.02	0.015	0.061	0.03
<p>Quartz Gabbro. Dark grey, medium grained, equigranular, massive, non magnetic. Consists of ~60% amphibole/pyroxene, 30-40% plagioclase, and <5% quartz. Weak, patchy chlorite alteration locally associated with quartz veining. Unit is cut by 0.2-3cm quartz-carbonate veins ~0-40 DTCA. Sulphides occur largely as quartz-carbonate vein hosted CpyPo ~0.1%, locally up to 3% at the decimeter scale i.e., 90.5-90.6m. Disseminated PoCpy also occurs in localized patches up to 1% at the decimeter scale i.e., 85.5-85.7m. Lower contact is sharp ~40 DTCA.</p> <p>Mineralization</p> <p>74.1-74.6: ~0.5% quartz-carbonate vein hosted Cpy</p> <p>79.0-79.2: ~1-2% quartz-carbonate vein hosted PoCpy</p> <p>80.05-80.15: ~0.25-0.5% quartz-carbonate vein hosted Po</p> <p>81.9-82.0: ~0.25% quartz-carbonate vein hosted Cpy</p> <p>84.1-84.6: ~0.1% quartz-carbonate vein hosted Cpy</p> <p>85.0-85.5: ~0.1% disseminated Po and ~0.01% quartz-carbonate vein hosted Cpy</p> <p>85.5-85.7: ~0.5-1% disseminated Po with ~0.5-1.0% quartz-carbonate vein hosted Cpy</p> <p>85.7-90.55: ~0.01% quartz-carbonate vein hosted Cpy</p> <p>90.55-90.65: ~2-3% quartz-carbonate vein hosted Cpy</p> <p>106.5-106.6: ~0.5% quartz-carbonate vein hosted Cpy</p> <p>116.65-116.75: ~0.5% quartz-carbonate vein hosted Cpy</p> <p>Alteration</p> <p>69.72-73.0: Moderate, pervasive chlorite alteration</p> <p>78.0-80.5: Weak, patchy chlorite alteration</p> <p>89.0-117.12: Weak, patchy chlorite alteration</p> <p>Structure</p> <p>117.11-117.12: Lower contact; Lower contact is sharp ~40 DTCA.</p>			S00431913	73.0	74.08	1.08	0.00578	0.0476	0.0218	0.014	0.066	0.03
			S00431914	74.08	74.64	0.56	0.00587	0.0843	0.0238	0.019	0.072	0.04
			S00431915	74.64	76.03	1.39	0.00533	0.0103	0.0242	0.009	0.047	0.03
			S00431916	76.03	77.17	1.14	0.00494	0.0185	0.0149	0.01	0.04	0.02
			S00431917	77.17	78.68	1.51	0.00611	0.0296	0.0165	0.008	0.05	0.02
			S00431918	78.68	79.42	0.74	0.00587	0.1543	0.0172	0.023	0.051	0.02
			S00431919	79.42	80.89	1.47	0.00577	0.0221	0.0158	0.008	0.046	0.03
			S00431921	80.89	82.12	1.23	0.00547	0.0223	0.0139	0.006	0.033	0.02
			S00431922	82.12	83.04	0.92	0.00555	0.0207	0.0137	0.005	0.036	0.02
			S00431923	83.04	84.0	0.96	0.00596	0.0235	0.0177	0.005	0.044	0.02
			S00431924	84.0	84.65	0.65	0.00642	0.0366	0.0249	0.009	0.059	0.03
			S00431925	84.65	85.5	0.85	0.00621	0.0497	0.0254	0.011	0.053	0.02
			S00431926	85.5	85.92	0.42	0.00681	0.1082	0.0414	0.025	0.123	0.04
S00431927	85.92	87.0	1.08	0.00663	0.0857	0.0296	0.021	0.087	0.03			
S00431928	87.0	88.49	1.49	0.00589	0.0461	0.0176	0.008	0.051	0.03			
S00431929	88.49	89.78	1.29	0.00529	0.0397	0.0166	0.006	0.023	0.01			
S00431931	89.78	90.41	0.63	0.00526	0.0469	0.0154	0.008	0.033	0.01			
S00431932	90.41	90.77	0.36	0.00573	0.3048	0.0164	0.026	0.038	0.02			
S00431933	90.77	92.07	1.3	0.00475	0.037	0.0124	0.008	0.03	0.02			

Project:		Project											Hole Number: MMC-21-25				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
117.12	133.19	DIA - Diabase	S00431934	131.8	133.19	1.39	0.00536	0.0116	0.0109	0.0025	0.0025	0.005					
<p>Diabase/Gabbro. Dark grey-green, fine grained to fine-medium grained, non magnetic, varitextured at core of intrusive. Consists of 60% amphibole/pyroxene and ~40% plagioclase where mineralogy is discernable. Unit has chilled, aphanitic upper contact, grades into fine-medium grained ~123-126m, and grades back into fine grained, aphanitic towards lower contact. Weak, pervasive chlorite alteration. Interval is cut by 0.1-6cm, randomly oriented quartz-carbonate veinlets. Sulphides occur as 0.01% quartz-carbonate vein hosted PoCpy. Lower contact is sharp ~45 DTCA.</p>																	
Mineralization																	
127.75-131.6: ~0.01% quartz-carbonate vein hosted CpyPo																	
Alteration																	
117.12-214.0: Weak, pervasive chlorite alteration																	
Structure																	
133.18-133.19: Lower contact; Lower contact is sharp ~45 DTCA.																	
133.19	137.34	PSEU - Pseudotachylite	S00431935	133.19	133.88	0.69	0.00775	0.0846	0.0585	0.033	0.07	0.06					
<p>Pseudotachylite. Medium grey-green very fine grained matrix ~60% with 0.1-25cm subrounded-subangular, fine-medium grained gabbro fragments. Sulphides occur as disseminated Po within gabbro fragments ~0.01%, locally up to 0.5% at the decimeter scale. Lower contact is sharp ~40 DTCA.</p>																	
S00431936																	
133.88 135.21 1.33 0.00483 0.0266 0.0154 0.009 0.018 0.03																	
S00431937																	
135.21 136.53 1.32 0.00594 0.0404 0.0258 0.014 0.041 0.03																	
S00431938																	
136.53 137.54 1.01 0.00546 0.03 0.0199 0.014 0.046 0.03																	
Mineralization																	
133.19-133.5: ~0.5% disseminated CpyPo and ~0.5% quartz-carbonate vein hosted CpyPo																	
135.8-137.34: ~0.1% disseminated PoCpy																	
Alteration																	
117.12-214.0: Weak, pervasive chlorite alteration																	
Structure																	
133.19-137.33: breccia; see major litho																	
137.33-137.34: Lower contact; Lower contact is sharp ~40 DTCA.																	
137.34	139	DIA - Diabase	S00431938	136.53	137.54	1.01	0.00546	0.03	0.0199	0.014	0.046	0.03					
<p>Similar to that described from 117.12-133.19m, although is consistently fine grained, aphanitic throughout. Interval is cut by randomly oriented, mm-scale quartz-carbonate veinlets. No sulphides observed. Lower contact is sharp ~80 DTCA.</p>																	
S00431939																	
137.54 138.03 0.49 0.00505 0.0151 0.008 0.0025 0.0025 0.005																	
S00431941																	
138.03 139.0 0.97 0.00556 0.04 0.0065 0.0025 0.0025 0.005																	
Alteration																	
117.12-214.0: Weak, pervasive chlorite alteration																	
Structure																	
138.99-139.0: Lower contact; Lower contact is sharp ~80 DTCA.																	

Project: Project			Hole Number: MMC-21-25									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
139	142.3	PSEU - Pseudotachylite	S00431942	139.0	139.98	0.98	0.0085	0.1253	0.0587	0.031	0.055	0.05
Similar to that described from 133.19-137.34m. Sulphides occur as 0.5-1.0% disseminated PoCpy concentrated within melagabbro fragments with less in the matrix. Lower contact is sharp ~45 DTCA.			S00431943	139.98	141.0	1.02	0.00591	0.0478	0.0301	0.015	0.03	0.03
			S00431944	141.0	142.3	1.3	0.0116	0.1271	0.1258	0.064	0.122	0.13
Mineralization												
139.0-141.0: ~0.5% disseminated PoCpy												
141.0-142.3: ~3% disseminated PoCpy												
Alteration												
117.12-214.0: Weak, pervasive chlorite alteration												
Structure												
139.0-142.29: breccia; see major litho												
142.29-142.3: Lower contact; Lower contact is sharp ~45 DTCA												

Project: Project			Hole Number: MMC-21-25									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
142.3	193.57	4B - Melagabbro	S00431945	142.3	143.31	1.01	0.0295	0.713	0.5322	0.291	0.604	0.57
Melagabbro. Dark green-grey, medium grained, non magnetic, massive, equigranular with localized decimeter zones of foliation ~10 DTCA. Consists of ~80% amphibole/pyroxene and ~20% plagioclase. Weak, pervasive chlorite alteration. Interval is cut by Sulphides occur as 5-10% disseminated PoCpy (~50/50 Cpy-Po) with lesser quartz-carbonate vein hosted/fracture filling CpyPo. Unit has been separated based on decreased sulphide abundance.			S00431946	143.31	144.33	1.02	0.0276	0.6403	0.4671	0.255	0.543	0.53
			S00431947	144.33	145.4	1.07	0.0269	0.5264	0.4264	0.243	0.531	0.46
			S00431948	145.4	146.42	1.02	0.0272	0.6048	0.445	0.244	0.532	0.41
			S00431949	146.42	147.52	1.1	0.0293	0.5557	0.4844	0.253	0.571	0.54
			S00431951	147.52	147.74	0.22	0.0145	0.2067	0.189	0.101	0.233	0.17
			S00431952	147.74	149.23	1.49	0.0183	0.3414	0.2799	0.145	0.323	0.32
			S00431953	149.23	150.29	1.06	0.0305	0.5703	0.5219	0.261	0.588	0.45
			S00431954	150.29	151.36	1.07	0.0345	0.6488	0.5795	0.28	0.64	0.58
			S00431955	151.36	152.28	0.92	0.0348	0.6209	0.5828	0.258	0.601	0.6
			S00431956	152.28	153.6	1.32	0.0333	0.5807	0.5148	0.249	0.588	0.52
Mineralization			S00431957	153.6	154.76	1.16	0.0273	0.5119	0.4524	0.21	0.485	0.45
142.3-147.52: ~10% disseminated PoCpy			S00431958	154.76	156.0	1.24	0.0259	0.5156	0.4188	0.217	0.51	0.47
147.52-148.74: ~3% disseminated PoCpy			S00431959	156.0	157.09	1.09	0.0262	0.471	0.3865	0.194	0.441	0.41
148.74-149.23: ~5% disseminated PoCpy			S00431962	157.09	158.06	0.97	0.026	0.5259	0.4109	0.21	0.478	0.42
149.23-153.6: ~10% disseminated PoCpy			S00431963	158.06	159.0	0.94	0.0255	0.5501	0.4546	0.236	0.544	0.51
153.6-154.76: ~5% disseminated PoCpy			S00431964	159.0	160.03	1.03	0.0361	0.3912	0.4783	0.25	0.589	0.47
154.76-163.27: ~10% disseminated PoCpy			S00431965	160.03	161.06	1.03	0.0266	0.5327	0.497	0.249	0.562	0.51
163.27-164.6: ~3% disseminated PoCpy			S00431966	161.06	162.0	0.94	0.0261	0.5055	0.4265	0.213	0.502	0.4
164.6-184.25: ~10% disseminated PoCpy			S00431967	162.0	163.27	1.27	0.0321	0.5689	0.5365	0.264	0.638	0.53
184.25-186.0: ~3-5% disseminated PoCpy			S00431968	163.27	164.6	1.33	0.0166	0.2888	0.1966	0.107	0.252	0.21
186.0-192.13: ~10% disseminated PoCpy			S00431969	164.6	165.57	0.97	0.0321	0.6135	0.5403	0.286	0.65	0.62
192.13-193.0: ~0.5% disseminated PoCpy			S00431971	165.57	166.58	1.01	0.0327	0.5837	0.5175	0.247	0.589	0.56
193.0-194.16: ~8-10% disseminated PoCpy			S00431972	166.58	167.58	1	0.0372	0.6986	0.6331	0.309	0.698	0.59
Alteration			S00431973	167.58	168.73	1.15	0.0399	0.677	0.6937	0.297	0.681	0.59
117.12-214.0: Weak, pervasive chlorite alteration			S00431974	168.73	169.76	1.03	0.0329	0.7036	0.5833	0.311	0.698	0.61
Structure			S00431975	169.76	170.77	1.01	0.0367	0.6646	0.646	0.311	0.706	0.64
153.7-154.1: Foliation; Weak-moderate foliation ~10 DTCA			S00431976	170.77	171.68	0.91	0.0353	0.6302	0.5933	0.281	0.645	0.57
			S00431977	171.68	172.6	0.92	0.0283	0.4751	0.4555	0.218	0.54	0.47
			S00431978	172.6	173.62	1.02	0.0293	0.5174	0.4929	0.262	0.607	0.45
			S00431979	173.62	174.61	0.99	0.0177	0.4531	0.3658	0.235	0.466	0.42
			S00431981	174.61	175.58	0.97	0.028	0.5412	0.4954	0.279	0.571	0.6

DRILL LOG REPORT

Project: Project			Hole Number: MMC-21-25									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
			S00431982	175.58	176.61	1.03	0.0285	0.6307	0.6127	0.259	0.559	0.5
			S00431983	176.61	177.51	0.9	0.0168	0.4578	0.3163	0.197	0.386	0.32
			S00431984	177.51	178.49	0.98	0.0325	0.6812	0.5428	0.369	0.748	0.7
			S00431985	178.49	179.46	0.97	0.0303	1.175	0.518	0.288	0.743	0.58
			S00431986	179.46	180.63	1.17	0.0297	0.6206	0.5165	0.36	0.628	0.65
			S00431987	180.63	181.74	1.11	0.0308	0.6528	0.5911	0.341	0.701	0.56
			S00431988	181.74	183.0	1.26	0.0271	0.669	0.4637	0.272	0.593	0.48
			S00431989	183.0	184.25	1.25	0.0177	0.5147	0.3444	0.223	0.515	0.38
			S00431992	184.25	185.25	1	0.0138	0.2272	0.2449	0.173	0.431	0.38
			S00431993	185.25	186.0	0.75	0.0152	0.2052	0.2599	0.272	0.591	0.49
			S00431994	186.0	186.98	0.98	0.0236	0.2325	0.467	0.284	0.643	0.48
			S00431995	186.98	188.09	1.11	0.022	0.9697	0.435	0.33	0.668	0.61
			S00431996	188.09	189.0	0.91	0.0311	0.6468	0.5387	0.28	0.649	0.55
			S00431997	189.0	189.98	0.98	0.0329	0.6279	0.5469	0.282	0.622	0.53
			S00431998	189.98	190.98	1	0.0313	0.5942	0.5451	0.282	0.644	0.61
			S00431999	190.98	192.13	1.15	0.03	0.5957	0.5207	0.261	0.611	0.54
			S00432001	192.13	193.02	0.89	0.00695	0.0656	0.0395	0.026	0.085	0.04
			S00432002	193.02	193.57	0.55	0.0101	0.4709	0.1326	0.178	0.563	0.18

Project: Project			Hole Number: MMC-21-25									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
193.57	208.11	4B - Melagabbro	S00432003	193.57	194.16	0.59	0.00713	0.156	0.05	0.03	0.145	0.07
Same unit as described from 142.3-193.57 m but mineralization becomes much less abundant (~0.1-2%) and is more sporadic. Quartz-carbonate vein hosted CpyPo also occurs ~0.1%, locally up to 2-3% at the decimeter scale. Unit is cut by 5-10cm intrusions of aplite from 198.9-208m. Lower contact is Sharp ~40 DTCA.			S00432004	194.16	195.08	0.92	0.00556	0.0185	0.0152	0.0025	0.031	0.005
			S00432005	195.08	196.42	1.34	0.00635	0.0788	0.0277	0.016	0.078	0.03
			S00432006	196.42	196.93	0.51	0.00772	0.2026	0.0599	0.044	0.214	0.07
Mineralization			S00432007	196.93	197.78	0.85	0.00548	0.0763	0.0261	0.016	0.08	0.03
193.0-194.16: ~8-10% disseminated PoCpy			S00432008	197.78	199.0	1.22	0.00563	0.0841	0.0253	0.02	0.087	0.04
195.08-196.42: ~0.5% disseminated PoCpy			S00432009	199.0	200.03	1.03	0.00575	0.0623	0.0205	0.019	0.074	0.04
196.42-196.93: ~1-2% disseminated PoCpy			S00432011	200.03	200.64	0.61	0.00513	0.0472	0.0163	0.008	0.045	0.02
196.93-202.0: ~0.25-0.50% disseminated PoCpy			S00432012	200.64	202.03	1.39	0.0052	0.0311	0.0147	0.005	0.047	0.02
202.0-204.9: ~0.1% disseminated PoCpy			S00432013	202.03	203.5	1.47	0.00527	0.0188	0.0138	0.0025	0.043	0.01
204.9-205.75: ~1% quartz-carbonate vein hosted CpyPo			S00432014	203.5	204.9	1.4	0.00508	0.0237	0.0166	0.007	0.06	0.02
207.15-207.25: ~0.25% disseminated Po with 5cm aplite intrusion			S00432015	204.9	205.75	0.85	0.00718	0.3091	0.0354	0.046	0.202	0.07
Alteration			S00432016	205.75	207.0	1.25	0.00468	0.0379	0.015	0.019	0.039	0.04
117.12-214.0: Weak, pervasive chlorite alteration			S00432017	207.0	208.09	1.09	0.00495	0.0802	0.0214	0.059	0.082	0.04
Structure			S00432018	208.09	208.75	0.66	0.00135	0.0414	0.0041	0.007	0.0025	0.005
208.1-208.11: Lower contact; Lower contact is sharp ~30 DTCA.												
208.11	208.75	APL - Aplite	S00432018	208.09	208.75	0.66	0.00135	0.0414	0.0041	0.007	0.0025	0.005
Aplite dyke. Light to medium grey, fine-medium grained, massive, non magnetic, equigranular. Consists of ~65% plagioclase, 20% biotite, and 15% quartz. Interval is cut by 0.5-3cm quartz-carbonate veins ~20-65 DTCA. Sulphides occur as quartz-carbonate vein hosted Cpy ~0.5%. Lower contact is sharp and veined ~20 DTCA.												
Mineralization												
208.11-208.75: ~0.5% quartz-carbonate vein hosted Cpy												
Alteration												
117.12-214.0: Weak, pervasive chlorite alteration												
Structure												
208.74-208.75: Lower contact; Lower contact is sharp ~20 DTCA.												

Project:		Project										Hole Number:		MMC-21-25	
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
208.75	214	4B - Melagabbro	S00432019	208.75	210.0	1.25	0.00501	0.0429	0.0158	0.022	0.054	0.02			
Same unit as described from 193.57-208.11 m. Sulphides occur as sporadic disseminations of PoCpy ~0.1% and quartz-carbonate vein hosted Cpy ~0.1%; both locally up to 0.5-1.0% at the decimeter scale. Lower contact is gradational marked by increased plagioclase content.			S00432021	210.0	210.72	0.72	0.00628	0.2033	0.03	0.065	0.153	0.06			
			S00432022	210.72	212.0	1.28	0.00509	0.0396	0.0151	0.015	0.042	0.03			
Mineralization															
210.0-210.72: ~1% disseminated CpyPo with ~0.5% quartz-carbonate vein hosted Cpy															
212.0-212.25: ~0.25-0.50% disseminated PoCpy with ~0.1% quartz-carbonate vein hosted Cpy															
Alteration															
117.12-214.0: Weak, pervasive chlorite alteration															
Structure															
213.99-214.0: Lower contact; Lower contact is gradational marked by increased plagioclase content.															
214	245.66	4C - Quartz gabbro	S00432023	220.17	221.06	0.89	0.00526	0.1909	0.0149	0.018	0.018	0.005			
Generic Gabbro or possibly Quartz Gabbro (?). Dark grey, medium grained, equigranular, massive, non magnetic. Consists of ~60-70% amphibole/pyroxene, 30-40% plagioclase with no visible quartz. Weak-moderate, patchy chlorite alteration locally associated with quartz veining. Unit is cut by 0.2-15cm quartz-carbonate veins ~10-65 DTCA. Sulphides occur largely as quartz-carbonate vein hosted CpyPo ~0.01%, locally up to 1-2% at the decimeter scale i.e., 220.75-220.9m. Lower contact is sharp ~85 DTCA marked by increased quartz veining heading into the underlying shear zone.															
Mineralization															
220.35-221.0: ~1-2% quartz-carbonate vein hosted CpyPo															
223.7-223.8: ~0.1% quartz-carbonate vein hosted Cpy															
231.5-231.6: ~0.01% quartz-carbonate vein hosted Cpy															
Alteration															
244.0-245.66: Weak, pervasive chlorite alteration															
Structure															
220.88-221.1: Shear; ~20cm shear ~40-50 DTCA with ~1% quartz-carbonate vein hosted Cpy															
245.65-245.66: Lower contact; Lower contact is sharp ~85 DTCA marked by increased quartz veining heading into the underlying shear zone.															

Project: Project	Hole Number: MMC-21-25
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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245.66 248.27 SHR - Shearzone

Shear zone - sheared gabbro. Medium-dark green, fine-medium grained, weakly-moderately foliated ~40 DTCA, non magnetic. Moderate, pervasive chlorite alteration. Interval is cut by 0.1-10cm quartz-carbonate veining ~45-85 DTCA. No sulphides observed. Lower contact is gradational marked by decreased foliation strength.

Alteration

245.66-248.27: Moderate, pervasive chlorite alteration

Structure

245.66-248.26: Shear; see major litho

248.26-248.27: Lower contact; Lower contact is gradational marked by decreased foliation strength.

248.27 276 4C - Quartz gabbro

Same unit as described from 214-245.66m. Sulphides occur as 0.01% fracture filling to quartz-carbonate vein hosted PoCpy. Interval is also cut by cm scale brown veins - possibly carbonate. Lower contact is gradational marked by increased foliation strength.

Mineralization

251.45-251.55: ~0.25% fracture controlled Po

253.6-255.3: ~0.1% quartz-carbonate vein hosted CpyPo

264.15-264.4: ~0.1% quartz-carbonate vein hosted Cpy

266.3-266.6: ~0.1% quartz-carbonate vein hosted Cpy

275.5-275.6: ~0.25-0.5% quartz-carbonate vein hosted PoCpy

Structure

275.99-276.0: Lower contact; Lower contact is gradational marked by increased foliation strength.

276 277.51 SHR - Shearzone

Similar to that described from 245.66-248.27m. Foliation occurs ~45 DTCA. 0.01% quartz-carbonate vein hosted PoCpy. Lower contact is sharp ~40 DTCA.

Alteration

276.0-277.51: Weak-moderate, pervasive chlorite alteration

Structure

276.0-277.5: Shear; see major litho

277.5-277.51: Lower contact; Lower contact is sharp ~40 DTCA.

Project:	Project	Hole Number: MMC-21-25
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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277.51 278.19 Structural breccia - Generic for structure related breccias

Structural breccia. Consists of brecciated quartz-carbonate with chlorite-sericite infill. Fragments are cm scale, angular to subangular with no visible sulphide. Breccia grades into weakly to moderately foliated zone with moderate-strong chlorite alteration. Foliation is ~0-5 DTCA. No sulphides observed. Lower contact is sharp ~35 DTCA.

Alteration

277.51-277.84: Moderate, pervasive chlorite alteration with weak, pervasive sericite alteration

Structure

277.51-278.17: breccia; see major litho

278.17-278.18: Lower contact; Lower contact is sharp ~35 DTCA.

278.19 281.99 4C - Quartz gabbro

Same unit as described from 214-245.66m. No sulphides observed. EOH

281.99 282

EOH

Project: Project		Hole Number: MMC-21-26					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Jul-21-2021	Drilling Started: Jul-19-2021		Type: Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jul-26-2021	Drilling Completed: Jul-24-2021		Grid: NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 250	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis		Easting: 435977		
Casing: Mt	Actual Depth: 258				Northing: 5133151		
Elevation: 276							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	6	OB - Overburden										
6	15.18	4C - Quartz gabbro	S00432024	7.48	9.48	2	0.00512	0.0488	0.0199	0.039	0.038	0.03
Quartz gabbro. Medium dark grey, vari-textured (fine to medium/coarse grained), non-magnetic. Rock contains ~65% amphibole, ~30% feldspar, and ~5% quartz. Unit experiences weak, pervasive chlorite alteration. Local quartz-carbonate stringers mm in scale. ~3-5% quartz-carbonate vein hosted and disseminated, next to quartz crystals, PoCpy. Lower contact is sharp, ~50 DTCA.			S00432025	9.48	10.48	1	0.00599	0.1345	0.0344	0.027	0.099	0.08
			S00432026	10.48	12.48	2	0.00601	0.1244	0.0291	0.033	0.134	0.09
			S00432027	12.48	13.52	1.04	0.00511	0.0527	0.0203	0.013	0.045	0.03

Mineralization

8.0-13.5: ~3-5% disseminated PoCpy

Structure

15.17-15.18: Lower contact; Lower contact ~50 DTCA

15.18 15.9 QCV - Quartz-carbonate Vein

Quartz carbonate vein. White to white grey quartz, massive to brecciated. Matrix is a dark grey green, fine to medium grained quartz gabbro like the unit previous. Weak to weak/moderate pervasive chlorite alteration of the matrix. Small mm-scale patches of tan brown carbonate. ~0.01% quartz-carbonate vein hosted Py. Lower contact is sharp and irregular, marked by the end of quartz veining.

Mineralization

15.18-15.9: ~0.01% quartz-carbonate vein hosted Py

Alteration

15.18-25.76: Weak, pervasive chlorite alteration

Structure

15.18-15.89: Veins; see major litho

15.89-15.9: Lower contact; lower contact irregular, marked by the end of quartz veining

Project: Project		Hole Number: MMC-21-26
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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15.9 25.76 4C - Quartz gabbro
 Similar to 6m-15.18m. Quartz gabbro. Vari-textured from fine to coarse grained. ~0.01% quartz-carbonate vein hosted PoCpy. Lower contact is sharp, ~45 DTCA.

Mineralization

18.6-20.15: ~0.01% quartz-carbonate vein hosted PoCpy

Alteration

15.18-25.76: Weak, pervasive chlorite alteration

Structure

18.87-19.38: Veins; irregular/ brecciated quartz vein
 25.75-25.76: Lower contact; Lower contact ~45 DTCA

25.76	26.23	QCV - Quartz-carbonate Vein	S00432028	25.79	26.23	0.44	0.00067	0.0585	0.0029	0.011	0.0025	0.005
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Similar to 15.18m-15.9m. Massive quartz-carbonate vein. White grey quartz, ~0.1% quartz-carbonate vein hosted Cpy. Lower contact is sharp, ~40 DTCA.

Mineralization

25.76-26.23: ~0.1-0.5% quartz-carbonate vein hosted Cpy

Structure

25.76-26.22: Veins; see major litho
 26.22-26.23: Lower contact; Lower contact sharp, ~40 DTCA

26.23 32.33 4C - Quartz gabbro
 Similar to 6m-15.18m. Quartz gabbro. Fine to medium grained, vari-textured. ~0.01% disseminated Cpy. Lower contact is sharp, ~80 DTCA.

Mineralization

30.31-31.0: ~0.01% quartz-carbonate vein hosted Cpy

Structure

32.32-32.33: Lower contact; Lower contact ~80 DTCA

32.33 32.6 QCV - Quartz-carbonate Vein
 Quartz-carbonate vein. Massive, white to white grey, no observed mineralization. Lower contact is irregular, marked by end of quartz veining.

Structure

32.33-32.59: Veins; see major litho
 32.59-32.6; lower contact is sharp and irregular, marked by the end of quartz veining

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
32.6	83.51	4C - Quartz gabbro										
Similar to previous, quartz gabbro. Dark grey dark green, vari-textured (fine to coarse grained, not fully pegmatitic), non-magnetic. Contains ~60-65% amphibole, ~20-30% plagioclase, and ~5-10% quartz. Pervasive mm-scale carbonate stringers at variable orientations. Local weak, pervasive chlorite alteration. ~0.01-0.1% disseminated PoCpy from 47m- 55.45m. ~0.01 disseminated to quartz-carbonate vein hosted CpyPo from 65.5m-68.3m. Dirty patches of drill rub is on core from ~66m to ~79m. Lower contact is sharp and irregular, marked by quartz veining.			S00432029	45.3	46.6	1.3	0.00503	0.0137	0.0105	0.0025	0.015	0.01
			S00432031	46.6	48.0	1.4	0.0046	0.0216	0.0093	0.0025	0.014	0.01
			S00432032	50.52	52.0	1.48	0.00468	0.0125	0.0095	0.0025	0.016	0.01
			S00432033	52.0	53.43	1.43	0.00469	0.011	0.0225	0.0025	0.018	0.01
			S00432034	53.43	54.75	1.32	0.00374	0.0252	0.0087	0.006	0.014	0.01
Mineralization			S00432035	54.75	55.4	0.65	0.00392	0.0147	0.0075	0.0025	0.016	0.01
40.92-42.0: ~0.01% quartz-carbonate vein hosted Cpy			S00432036	55.4	56.88	1.48	0.00417	0.0097	0.0091	0.0025	0.022	0.01
45.46-48.0: ~0.1% quartz-carbonate vein hosted to disseminated PoCpy			S00432037	65.44	66.49	1.05	0.00442	0.0066	0.0085	0.0025	0.012	0.005
52.0-55.44: ~0.1% disseminated PoCpy			S00432038	66.49	67.93	1.44	0.00436	0.01	0.0085	0.0025	0.017	0.01
65.69-68.19: ~0.01-0.1% quartz-carbonate to disseminated CpyPo			S00432039	67.93	68.31	0.38	0.00572	0.0497	0.0097	0.018	0.01	0.005
Alteration			S00432041	68.31	69.71	1.4	0.00434	0.0252	0.0088	0.008	0.016	0.01
32.6-42.5: Weak, pervasive chlorite alteration												
47.0-73.0: Weak, pervasive chlorite alteration, and weak, patchy carbonate alteration												
79.0-84.0: Moderate, pervasive chlorite alteration												
Structure												
83.5-83.51: Lower contact; Lower contact, sharp and irregular marked by start of quartz veining												
83.51	83.86	QCV - Quartz-carbonate Vein										
Brecciated to massive quartz-carbonate vein. White to white grey quartz around host quartz gabbro. Matrix is moderately chlorite altered. Matrix is ~60-70% of the unit. ~0.01% disseminated Cpy hosted in matrix. Lower contact is sharp, ~60 DTCA.												
Mineralization												
83.51-83.86: ~0.01% disseminated Cpy												
Alteration												
79.0-84.0: Moderate, pervasive chlorite alteration												
Structure												
83.51-83.85: Veins; see major litho												
83.85-83.86: Lower contact; Lower contact ~60 DTCA												

Project: Project			Hole Number: MMC-21-26									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
83.86	107.93	4C - Quartz gabbro	S00432042	85.82	87.0	1.18	0.0047	0.0407	0.01	0.007	0.013	0.01
Similar to 32.6m-83.51m. Quartz gabbro. Vari-textured, mm-scale carbonate veins (white or tan brown carbonate) and local 10-15cm quartz veins. Unit contains ~65% amphibole, ~30% plagioclase, and ~5% quartz. ~0.5% quartz-carbonate vein hosted CpyPo present from 86-87m, and ~0.1% quartz-carbonate vein hosted Cpy from 97.5m-98.4m. Local intervals of weak pervasive chlorite on the m-scale. Lower contact is sharp, ~65 DTCA.			S00432043	94.98	96.0	1.02	0.0047	0.016	0.0089	0.0025	0.017	0.01
			S00432044	96.0	97.22	1.22	0.00473	0.0433	0.0084	0.009	0.018	0.02
			S00432045	97.22	98.68	1.46	0.00477	0.0164	0.0089	0.005	0.016	0.01
Mineralization			S00432046	98.68	99.97	1.29	0.00465	0.0131	0.0085	0.0025	0.017	0.02
85.97-87.0: ~0.5% quartz-carbonate vein hosted CpyPo			S00432047	106.63	107.91	1.28	0.00573	0.0129	0.0087	0.006	0.017	0.01
96.67-98.35: ~0.1-0.5% quartz-carbonate vein hosted CpyPo			S00432048	107.91	108.66	0.75	0.00327	0.019	0.0061	0.012	0.006	0.005
Alteration												
79.0-84.0: Moderate, pervasive chlorite alteration												
Structure												
101.43-101.67: Veins; irregular quartz-carbonate vein												
105.34-105.51: Veins; massive quartz-carbonate vein, lower contact ~60 DTCA												
107.92-107.93: Lower contact; Lower contact is sharp ~65 DTCA												
107.93	108.65	4C - Quartz gabbro	S00432048	107.91	108.66	0.75	0.00327	0.019	0.0061	0.012	0.006	0.005
Coarse grained, leucocratic pod. Medium grey, coarse grained, massive, non magnetic. Consists of 50% plagioclase, 10-15% quartz, and 35-40% amphibole. Amphiboles occur as acicular to prismatic crystals intergrown with interstitial plagioclase-quartz. Sulphides occur as ~0.1% disseminated CpyPo with up to 2% from 108.5-108.65m. Lower contact is sharp ~45 DTCA.												
Mineralization												
108.5-108.65: ~2% disseminated CpyPo												
Structure												
108.64-108.65: Lower contact; Lower contact is sharp ~45 DTCA												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
108.65	166.05	4C - Quartz gabbro	S00432048	107.91	108.66	0.75	0.00327	0.019	0.0061	0.012	0.006	0.005
<p>Similar to 32.6m-83.51m. Quartz gabbro. Vari-textured, 0.1-10cm quartz-carbonate veins (white or tan brown carbonate ~25-65 DTCA). Quartz-carbonate veins locally appear to be extensional fibre veins ~25-30 DTCA with growth direction of crystal orthogonal to vein wall. Weak-moderate, patchy chlorite alteration locally associated with quartz-carbonate veining. Unit is cut by a couple of 5-10cm aplite dyklets (?) or leucopods from 144-147m. Sulphides occur as ~0.1% disseminated to fracture filling PoCpy, locally up to 3-5% from 133.1-133.55m. Quartz-carbonate vein hosted PoCpy also occurs ~0.01%. Lower contact is sharp and irregular.</p>												
Mineralization												
113.9-114.0: ~0.01% quartz-carbonate vein hosted Cpy												
116.9-117.0: ~0.01% quartz-carbonate vein hosted Cpy												
126.7-127.1: ~0.5% quartz-carbonate vein hosted Cpy												
130.75-130.85: ~0.1% quartz-carbonate vein hosted Cpy												
133.1-133.5: ~3-5% fracture filling to disseminated Po>>Cpy												
133.5-138.0: 0.01% finely disseminated PoCpy												
144.0-144.1: ~0.1% quartz-carbonate vein hosted Cpy												
148.4-148.5: ~0.25% quartz-carbonate vein hosted Cpy												
158.4-158.5: ~0.1% quartz-carbonate vein hosted Cpy												
Alteration												
113.0-124.0: Weak-moderate, patchy chlorite alteration												
132.3-133.5: Weak-moderate, pervasive chlorite alteration												
Structure												
166.04-166.05: Lower contact; Lower contact is sharp and irregular.												

Project:		Project											Hole Number:		MMC-21-26										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)													
166.05	170.6	4C - Quartz gabbro	S00432057	164.86	166.1	1.24	0.00524	0.0307	0.0155	0.011	0.032	0.03													
Pegmatitic quartz gabbro. Dark grey with light grey, more plagioclase-rich sections, non magnetic. Unit is varitextured ranging from medium to coarse grained. Consists of ~60% amphibole/pyroxene, 30% plagioclase, and 10% quartz; coarse grained, leucocratic patches contain higher proportions of plagioclase up to 60-70%. Moderate, pervasive hematite staining of plagioclase. Sulphides occur as ~1% fracture-filling Cpy with 1-2% disseminated PoCpy. Lower contact is sharp ~35 DTCA.			S00432058	166.1	167.35	1.25	0.00786	0.1866	0.1123	0.068	0.13	0.14													
			S00432059	167.35	168.0	0.65	0.00631	0.0435	0.0469	0.031	0.085	0.08													
			S00432061	168.0	169.12	1.12	0.00493	0.0869	0.0404	0.012	0.016	0.005													
Mineralization			S00432062	169.12	169.78	0.66	0.00772	0.072	0.0627	0.082	0.066	0.05													
166.1-167.35: ~2% disseminated CpyPo and ~2% fracture filling to quartz-carbonate vein hosted CpyPo			S00432063	169.78	170.17	0.39	0.00862	0.0843	0.0979	0.037	0.06	0.02													
167.35-168.0: ~2-3% disseminated CpyPo with ~0.5% fracture controlled/quartz-carbonate vein hosted CpyPo			S00432064	170.17	170.6	0.43	0.00535	0.3686	0.0553	0.048	0.032	0.01													
168.0-169.78: ~1-2% disseminated CpyPo																									
169.78-169.88: ~5% disseminated CpyPo and																									
169.88-170.6: ~2% disseminated CpyPo																									
Alteration																									
166.05-170.6: Moderate, pervasive hematite staining of plagioclase																									
Structure																									
170.59-170.6: Lower contact; Lower contact is sharp ~35 DTCA.																									
170.6	195.38	4C - Quartz gabbro	S00432065	170.6	171.8	1.2	0.00573	0.013	0.0148	0.01	0.027	0.02													
Similar to 32.6m-83.51m. Quartz gabbro. Vari-textured, 0.1-10cm quartz-carbonate veins (white or tan brown carbonate ~10-85 DTCA). Sulphides occur as ~0.1% disseminated to fracture filling PoCpy, locally up to 1-2% at the decimeter scale from 179.6-179.7m. Lower contact is sharp ~65 DTCA.			S00432066	171.8	173.22	1.42	0.00551	0.0166	0.0087	0.0025	0.021	0.02													
			S00432067	194.11	195.38	1.27	0.00527	0.0155	0.0093	0.008	0.022	0.02													
Mineralization																									
177.85-177.95: ~0.5-1.0 quartz-carbonate vein hosted Cpy																									
179.6-179.7: ~3-5% fracture filling to quartz-carbonate vein hosted CpyPo																									
Alteration																									
184.7-185.2: Weak-moderate, pervasive chlorite alteration associated with quartz-carbonate veining																									
195.0-198.0: Weak-moderate, pervasive chlorite alteration																									
Structure																									
195.37-195.38: Lower contact; Lower contact is sharp ~65 DTCA.																									

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
195.38	197.75	PSEU - Pseudotachylite	S00432068	195.38	196.0	0.62	0.00837	0.1348	0.0774	0.052	0.078	0.07
Pseudotachylite or diabase (?). Medium green-grey, aphanitic matrix ~80-90% containing 0.1-30cm, subrounded-subangular fragments of quartz gabbro (as described above). Matrix displays localized, weakly developed foliation ~50-60 DTCA. Sulphides occur as disseminated PoCpy within gabbro fragments and within the matrix ~0.5-1.0% overall with up to 5% at the decimeter scale. Lower contact is sharp and irregular.			S00432069	196.0	197.0	1	0.0108	0.2031	0.1134	0.08	0.133	0.08
			S00432071	197.0	197.75	0.75	0.00715	0.0462	0.0381	0.029	0.05	0.04

Mineralization

195.38-196.0: ~0.1% disseminated PoCpy
 196.0-197.0: ~1-2% disseminated PoCpy concentrated within mineralized gabbro fragments with minor sulphide in matrix
 197.0-197.75: ~0.1% disseminated PoCpy

Alteration

195.0-198.0: Weak-moderate, pervasive chlorite alteration

Structure

195.38-197.74: breccia; see major litho
 197.74-197.75: Lower contact; Lower contact is sharp and irregular

197.75	204.53	4C - Quartz gabbro	S00432072	197.75	199.08	1.33	0.00531	0.018	0.0086	0.006	0.024	0.02
Similar to 32.6m-83.51m. Quartz gabbro. Vari-textured, 0.1-0.5cm quartz-carbonate veins (white or tan brown carbonate ~15-60 DTCA). Sulphides occur as ~0.01% disseminated to fracture filling PoCpy. Lower contact is sharp ~50 DTCA.												

Mineralization

200.5-200.7: ~0.25% quartz-carbonate vein hosted Cpy

Alteration

195.0-198.0: Weak-moderate, pervasive chlorite alteration

Structure

204.52-204.53: Lower contact; Lower contact is sharp ~50 DTCA

204.53	211.53	DIA - Diabase										
Diabase. Dark grey-green, very fine grained, aphanitic to fine grained, chilled upper margin showing gradational coarsening, weakly magnetic. Weak, pervasive chlorite alteration. Unit is cut by 0.1-0.5cm quartz-carbonate veinlets ~25-40 DTCA. Lower contact is sharp ~50 DTCA.												

Alteration

204.53-244.21: Weak, pervasive chlorite alteration

Structure

211.52-211.53: Lower contact; Lower contact is sharp ~50 DTCA.

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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211.53 212.02 PSEU - Pseudotachylite

Pseudotachylite or aphanitic, chilled diabase. Medium grey-green, very fine grained, aphanitic groundmass/matrix ~90% with 0.1-3cm subrounded fragments of gabbro and quartz. Weak, pervasive chlorite alteration. Contains ~0.25-0.50% disseminated Po. Upper and lower contacts are very sharp with surrounding diabase/gabbro units. Lower contact is sharp ~45 DTCA.

Mineralization

211.53-212.02: ~0.25-0.50% disseminated Po

Alteration

204.53-244.21: Weak, pervasive chlorite alteration

Structure

211.53-212.01: breccia; see major litho

212.01-212.02: Lower contact; Lower contact is sharp ~45 DTCA.

212.02 216.68 DIA - Diabase

Similar to that described from 204.53-211.3m. Although unit doesn't display chilled margins and is fine grained throughout. Possibly fine grained gabbro(?). Weak, pervasive chlorite alteration. Unit is cut by mm to cm-scale medium grey-green pseudotachylite stringers and 0.1-5cm light grey to brown quartz-carbonate veins ~50 DTCA. 0.01% Cpt occurs within brown quartz-carbonate veins. Lower contact is sharp ~70 DTCA.

Mineralization

212.7-215.6: ~0.01 quartz-carbonate vein hosted CpyPo

Alteration

204.53-244.21: Weak, pervasive chlorite alteration

Structure

216.67-216.68: Lower contact; Lower contact is sharp ~70 DTCA.

216.68 217.62 PSEU - Pseudotachylite

Similar to that described from 211.53-212.02m. 0.01% finely disseminated PoCpy occurs within gabbro fragments. Lower contact is sharp and irregular.

Mineralization

217.16-217.62: ~0.25-0.50% disseminated Po

Alteration

204.53-244.21: Weak, pervasive chlorite alteration

Structure

216.68-217.61: breccia; see major litho

217.61-217.62: Lower contact; Lower contact is sharp and irregular.

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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217.62 219.25 DIA - Diabase

Similar to that described from 212.02-216.68m. 0.01% disseminated Po. Lower contact is sharp and irregular.

Mineralization

217.8-217.9: ~0.25-0.50% fracture filling Po

Alteration

204.53-244.21: Weak, pervasive chlorite alteration

Structure

219.24-219.25: Lower contact; Lower contact is sharp and irregular.

219.25 219.65 PSEU - Pseudotachylite

Similar to that described from 211.53-212.02m. 0.25% finely disseminated to fracture filling Po. Lower contact is sharp ~85 DTCA.

Mineralization

219.25-219.65: 0.50% disseminated Po

Alteration

204.53-244.21: Weak, pervasive chlorite alteration

Structure

219.25-219.64: breccia; see major litho

219.64-219.65: Lower contact; Lower contact is sharp ~85 DTCA.

Project: Project			Hole Number: MMC-21-26									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
219.65	234.35	DIA - Diabase	S00432073	220.76	222.24	1.48	0.00542	0.0178	0.0053	0.0025	0.0025	0.005
Similar to that described from 212.02-216.68m. Overall unit is fine grained with very fine grained, aphanitic chilled upper and lower contacts. Unit becomes weakly foliated from 224.2-226.8m ~40 DTCA. Overall 0.1% quartz-carbonate vein hosted Po>>Cpy; 222.24-222.50m - 25cm quartz-carbonate vein ~20-45 DTCA with ~5% Po, 0.1% Cpy; 228.2-228.25m- 3cm quartz-carbonate vein ~55 DTCA with ~20% Po. Veins display 1-2cm offsets locally. Lower contact is sharp, irregular, and chilled.			S00432074	222.24	222.57	0.33	0.0155	0.0552	0.024	0.0025	0.0025	0.005
			S00432075	222.57	223.32	0.75	0.00567	0.006	0.0048	0.0025	0.0025	0.005
			S00432076	223.32	224.03	0.71	0.00629	0.011	0.0055	0.0025	0.0025	0.005
			S00432077	224.03	224.73	0.7	0.00644	0.0064	0.0076	0.0025	0.0025	0.005
Mineralization			S00432078	224.73	225.21	0.48	0.00218	0.0371	0.0026	0.0025	0.0025	0.005
220.43-222.24: ~0.01% quartz-carbonate vein hosted CpyPo			S00432079	225.21	226.02	0.81	0.0056	0.0072	0.0061	0.0025	0.0025	0.005
222.24-222.5: ~5% quartz-carbonate vein hosted Po with ~0.1% Cpy			S00432081	226.02	227.5	1.48	0.00577	0.0082	0.0062	0.0025	0.0025	0.005
224.73-225.2: 0.5% quartz-carbonate vein hosted CpyPo			S00432082	227.5	228.0	0.5	0.00568	0.009	0.0077	0.0025	0.0025	0.005
225.8-225.9: 0.5% quartz-carbonate vein hosted CpyPo			S00432083	228.0	228.33	0.33	0.00638	0.0068	0.0075	0.0025	0.0025	0.005
227.5-228.15: ~0.50.1.0% quartz-carbonate vein hosted PoCpy			S00432084	228.33	229.2	0.87	0.00537	0.0079	0.0057	0.0025	0.0025	0.005
228.15-228.25: ~15% quartz-carbonate vein hosted Po			S00432085	229.2	229.59	0.39	0.00543	0.011	0.0058	0.0025	0.0025	0.005
229.2-229.43: 1-2% quartz-carbonate vein hosted PoCpy			S00432086	229.59	230.42	0.83	0.00575	0.008	0.0062	0.0025	0.0025	0.005
230.4-230.7: 0.5-1.0% quartz-carbonate vein hosted PoCpy			S00432087	230.42	231.0	0.58	0.00526	0.0249	0.0064	0.0025	0.0025	0.005
233.1-238.18: 0.10-0.25% quartz-carbonate vein hosted PoCpy			S00432088	231.0	232.3	1.3	0.00596	0.0133	0.0061	0.0025	0.0025	0.005
Alteration			S00432089	232.3	232.74	0.44	0.00054	0.0276	0.0011	0.006	0.0025	0.005
204.53-244.21: Weak, pervasive chlorite alteration			S00432091	232.74	233.49	0.75	0.00617	0.0116	0.0061	0.0025	0.0025	0.005
Structure			S00432092	233.49	234.36	0.87	0.00589	0.0124	0.0059	0.0025	0.0025	0.005
220.41-220.42: Lower contact; Lower contact is sharp ~60 DTCA.												
222.24-222.5: Lower contact; 25cm quartz-carbonate vein ~20-45 DTCA with ~5% Po and 0.1% Cpy												
224.2-225.85: Foliation												
232.29-232.72: Veins; 40cm quartz-carbonate vein ~45 DTCA												
234.34-234.35: Lower contact; Lower contact is sharp and irregular.												
234.35	234.98	4C - Quartz gabbro	S00432092	233.49	234.36	0.87	0.00589	0.0124	0.0059	0.0025	0.0025	0.005
Quartz gabbro fragment. Medium dark grey, massive, medium grained, non-magnetic. Contains ~65% amphibole, ~30% feldspar, and <5% quartz. Interval is cut by 0.1-0.5cm quartz-carbonate veinlets which contain ~0.1% PoCpy. Lower contact is sharp, ~75 DTCA.			S00432093	234.36	234.98	0.62	0.00502	0.0119	0.0083	0.005	0.032	0.02
Mineralization												
233.1-238.18: 0.10-0.25% quartz-carbonate vein hosted PoCpy												
Alteration												
204.53-244.21: Weak, pervasive chlorite alteration												
Structure												
234.97-234.98: Lower contact; Lower contact is sharp ~75 DTCA.												

Project:		Hole Number: MMC-21-26										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
234.98	236.53	DIA - Diabase	S00432094	234.98	235.93	0.95	0.0057	0.0119	0.0053	0.0025	0.0025	0.005
Similar to that described from 212.02-216.68m. Overall unit is fine grained with very fine grained, aphanitic chilled lower contact. Overall 0.1% quartz-carbonate vein hosted Po. Lower contact is sharp, irregular, and chilled.			S00432095	235.93	236.53	0.6	0.00562	0.0117	0.0065	0.0025	0.0025	0.005
Mineralization												
233.1-238.18: 0.10-0.25% quartz-carbonate vein hosted PoCpy												
Alteration												
204.53-244.21: Weak, pervasive chlorite alteration												
Structure												
236.52-236.53: Lower contact; Lower contact is sharp ~75 DTCA												
236.53	238.18	4C - Quartz gabbro	S00432096	236.53	237.0	0.47	0.00541	0.0289	0.0085	0.006	0.022	0.02
Same as described from 234.35-234.98m. Interval is cut by 0.5cm brown quartz-carbonate veins ~40 DTCA. 0.01% quartz-carbonate vein hosted Cpy. Lower contact is sharp ~40 DTCA.			S00432097	237.0	238.18	1.18	0.00544	0.0107	0.0088	0.007	0.03	0.02
Mineralization												
233.1-238.18: 0.10-0.25% quartz-carbonate vein hosted PoCpy												
Alteration												
204.53-244.21: Weak, pervasive chlorite alteration												
Structure												
238.17-238.18: Lower contact; Lower contact is sharp ~40 DTCA.												
238.18	238.8	QCV - Quartz-carbonate Vein	S00432098	238.18	238.8	0.62	0.00127	0.0358	0.002	0.0025	0.008	0.005
Quartz-carbonate vein. Light grey-white with brown - carbonate (?). Contains ~0.5% quartz-carbonate vein hosted Cpy. Lower contact is sharp ~10 DTCA.												
Mineralization												
238.18-238.8: ~0.50-1.0% quartz-carbonate vein hosted Cpy												
Alteration												
204.53-244.21: Weak, pervasive chlorite alteration												
Structure												
238.18-238.79: Veins; see major litho												
238.79-238.8: Lower contact; Lower contact is sharp ~10 DTCA.												

Project:		Project											Hole Number:		MMC-21-26										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)													
238.8	243.88	4B - Melagabbro	S00432099	238.8	239.39	0.59	0.00584	0.013	0.0093	0.007	0.042	0.04													
Melagabbro (?). Dark grey-green, fine-medium grained, weakly foliated ~55 DTCA, non magnetic. Consists of ~80-90% amphibole/pyroxene with 10-20% plagioclase. Pyroxenes have black spotted appearance throughout. Unit is crosscut by pseudotachylite ~18cm wide ~241.8m ~40-50 DTCA. Weak-moderate, pervasive chlorite alteration. Interval is also cut by 0.5-2cm light grey to brown irregular quartz-carbonate veins that appear to be folded and/or boudinaged. Quartz-carbonate vein hosted Cpy occurs ~0.5% throughout unit. Lower contact is sharp ~35 DTCA.			S00432101	239.39	240.6	1.21	0.00509	0.0057	0.0097	0.0025	0.025	0.02													
			S00432102	240.6	242.0	1.4	0.00526	0.0123	0.0109	0.006	0.032	0.03													
			S00432103	242.0	242.81	0.81	0.0049	0.0255	0.0094	0.008	0.033	0.02													
			S00432104	242.81	243.9	1.09	0.00513	0.0141	0.0098	0.006	0.047	0.02													
Mineralization																									
238.8-239.4: ~0.50-1.0% quartz-carbonate vein hosted CpyPo																									
242.0-242.8: ~0.50-1.0% quartz-carbonate vein hosted Cpy																									
Alteration																									
204.53-244.21: Weak, pervasive chlorite alteration																									
Structure																									
242.0-243.87: Foliation																									
243.87-243.88: Lower contact; Lower contact is sharp ~35 DTCA.																									
243.88	244.74	SHR - Shearzone	S00432104	242.81	243.9	1.09	0.00513	0.0141	0.0098	0.006	0.047	0.02													
Shear zone. Medium green, fine grained, moderately foliated ~20-55 DTCA. Moderate, pervasive chlorite alteration. Contains ~0.5% quartz-carbonate vein hosted Cpy. Lower contact is gradational marked by decreased foliation intensity.			S00432105	243.9	244.78	0.88	0.00646	0.0071	0.0149	0.012	0.035	0.02													
Alteration																									
204.53-244.21: Weak, pervasive chlorite alteration																									
244.21-244.74: Moderate, pervasive chlorite alteration																									
Structure																									
243.88-244.73: Shear; see major litho																									
244.73-244.74: Lower contact; Lower contact is gradational marked by decreased foliation strength.																									

Project: Project			Hole Number: MMC-21-26									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
244.74	257.25	4C - Quartz gabbro	S00432105	243.9	244.78	0.88	0.00646	0.0071	0.0149	0.012	0.035	0.02
Similar to that described from 234.35-234.98m. Weak, pervasive chlorite with patches of moderate chlorite alteration make rock difficult to identify. ~20-30cm patches of weak-moderately developed foliation occur from 254.62-256.85m.			S00432106	244.78	245.96	1.18	0.0043	0.0122	0.0095	0.006	0.014	0.005
ranging from 45-70 DTCA. Interval cut by 0.1-20cm light grey to brown quartz-carbonate veins ~30-45 DTCA. 0.1% quartz-carbonate vein hosted Cpy. Lower contact is sharp ~80-90 DTCA.			S00432107	245.96	247.29	1.33	0.00561	0.0037	0.0116	0.01	0.033	0.02
Mineralization			S00432108	247.29	247.8	0.51	0.00574	0.0061	0.0126	0.044	0.118	0.02
248.73-252.0: ~0.50-1.0% quartz-carbonate vein hosted Cpy			S00432109	247.8	248.14	0.34	0.00195	0.0025	0.0055	0.0025	0.0025	0.005
254.62-254.94: ~2% foliation controlled/disseminated PoCpy			S00432111	248.14	248.73	0.59	0.00559	0.0018	0.0115	0.008	0.03	0.02
255.31-255.51: ~1% foliation controlled/disseminated PoCpy			S00432112	248.73	249.63	0.9	0.00571	0.0204	0.0214	0.014	0.046	0.03
256.66-256.85: ~0.50-1.0% foliation controlled/disseminated PoCpy			S00432113	249.63	250.41	0.78	0.00689	0.0354	0.0359	0.017	0.038	0.02
Alteration			S00432114	250.41	251.04	0.63	0.00485	0.0099	0.0156	0.008	0.029	0.02
244.74-257.25: Weak, pervasive chlorite with patches of moderate chlorite alteration			S00432115	251.04	252.0	0.96	0.00554	0.0409	0.0297	0.026	0.04	0.03
Structure			S00432116	252.0	253.05	1.05	0.00514	0.0081	0.0208	0.021	0.035	0.02
254.6-254.9: Foliation			S00432117	253.05	253.94	0.89	0.00458	0.0024	0.0123	0.013	0.025	0.01
255.31-255.51: Foliation			S00432118	253.94	254.62	0.68	0.00473	0.0059	0.0151	0.015	0.024	0.01
256.66-256.84: Foliation			S00432119	254.62	255.0	0.38	0.00965	0.0845	0.0894	0.081	0.123	0.08
			S00432121	255.0	255.75	0.75	0.00656	0.0579	0.0438	0.029	0.06	0.04
			S00432122	255.75	256.5	0.75	0.00521	0.0089	0.0121	0.006	0.03	0.02
			S00432123	256.5	257.2	0.7	0.0053	0.0291	0.0258	0.018	0.035	0.03
			S00432124	257.2	258.0	0.8	0.0088	0.1542	0.0851	0.083	0.086	0.11
257.25	257.99	SHR - Shearzone	S00432124	257.2	258.0	0.8	0.0088	0.1542	0.0851	0.083	0.086	0.11
Shear zone. Medium green, fine grained, moderately foliated ~60-70 DTCA Weak-moderate, pervasive chlorite alteration. Contains ~1-2% disseminated PoCpy with ~0.5% quartz-carbonate vein hosted Cpy. EOH												
Mineralization												
257.25-258.0: 1-2% disseminated PoCpy with ~0.5% quartz-carbonate vein hosted Cpy												
Alteration												
257.25-258.0: Weak-moderate, pervasive chlorite alteration												
Structure												
257.25-258.0: Shear; see major litho												

Project: Project							Hole Number: MMC-21-26					
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
257.99	258		S00432124	257.2	258.0	0.8	0.0088	0.1542	0.0851	0.083	0.086	0.11

EOH

Mineralization

257.25-258.0: 1-2% disseminated PoCpy with ~0.5% quartz-carbonate vein hosted Cpy

Alteration

257.25-258.0: Weak-moderate, pervasive chlorite alteration

Structure

257.25-258.0: Shear; see major litho

Project: Project		Hole Number: MMC-21-27					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Jul-27-2021	Drilling Started: Jul-26-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jul-31-2021	Drilling Completed: Jul-29-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 225	Logged By: G. Hamilton & C. Caskenette	Drilling Contractor: Gyllis	Easting:	436044		
Casing: Mt	Actual Depth: 249			Northing:	5133410		
Elevation: 319							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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0	2.6	OB - Overburden										
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casing

2.6 5.49 4D - Biotite quartz diorite

Quartz Diorite. Blue grey, fine grained, massive, non-magnetic. Contains ~10% quartz, <5% biotite. Fine grained groundmass makes it difficult to determine accurate mineral percentages. Feldspar appears to give a mottled textures being lighter blue grey. ~0.01% fracture fill pyrite. Lower contact is gradational marked by bedding/ layering present in quartzite, ~50 DTCA.

Mineralization

4.0-27.0: ~0.01% fracture-fill Py

Structure

5.48-5.49: Lower contact; Lower contact gradational, marked by bedding ~50 DTCA

5.49 6.92 1A - Quartzite

Quartzite. Light grey/ tan to dark grey, massive to weakly bedded, non-magnetic. Unit contains ~90% quartz, ~10% amphibole +/- biotite. Silicification is moderate and pervasive. ~0.01% fracture fill pyrite. Bedding/ layering consists of dark grey/ black amphibole, ~ 40 DTCA. Lower contact is gradational, marked by decrease in quartz and darkening of rock.

Mineralization

4.0-27.0: ~0.01% fracture-fill Py

Alteration

5.49-34.82: Weak moderate, pervasive silicification

Structure

5.49-6.91: Bedding; bedding of quartzite ~40 DTCA

6.91-6.92: Lower contact; Lower contact gradational

Project:	Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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6.92 9.89 4D - Biotite quartz diorite

Similar to 2.6m-5.49m. Quartz diorite. Weak bedding from above unit present in upper section of unit and grades into massive texture. ~0.01% fracture fill pyrite. Lower contact is marked by rubbly rock on boundary between next unit.

Mineralization

4.0-27.0: ~0.01% fracture-fill Py

Alteration

5.49-34.82: Weak moderate, pervasive silicification

Structure

9.88-9.89: Lower contact; Lower contact is gradational, marked by decrease in quartz

9.89 34.82 1A - Quartzite

Similar to 5.49m-6.62m. Tan grey to light grey quartzite with dark grey sections. Core is very broken up consistently until ~27m. Bedding/ layering is uniform at ~40-50 DTCA.~0.01% fracture fill pyrite. Lower contact is sharp ~20 DTCA.

Mineralization

4.0-27.0: ~0.01% fracture-fill Py

33.65-34.5: ~0.5% quartz-carbonate vein hosted Po

Alteration

5.49-34.82: Weak moderate, pervasive silicification

Structure

9.89-10.3: Blocky core; blocky core

10.3-22.09: Foliation; foliation/ bedding ~45 DTCA

19.0-27.0: Blocky core

27.0-34.81

34.81-34.82: Lower contact; Lower contact is sharp ~20 DTCA.

34.82 36.28 4D - Biotite quartz diorite

Quartz diorite. Dark grey, fine grained, non magnetic, massive. Fine grained nature makes mineralogical identification difficult - unit is hard a siliceous with ~10-15% fine biotite. Unit contains ~0.01% disseminated Py. Lower contact is sharp ~55 DTCA.

Structure

36.27-36.28: Lower contact; Lower contact is sharp ~55 DTCA.

Project:	Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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36.28 37.21 QV - Quartz vein
 Quartz vein. Light grey-white, massive with one large 3cm wide, elongate wall rock fragment. No sulphides observed. Lower contact is sharp ~35 DTCA.

Structure

36.28-37.2: Veins; see major litho
 37.2-37.21: Lower contact; Lower contact is sharp ~35 DTCA.

37.21 42.05 4D - Biotite quartz diorite
 Similar to that described from 34.82-36.28m. Contains <1%, ~1-10cm partially resorbed fragments of quartzite. Interval is cut by <1%, 0.1-2cm quartz veins ~30-40 DTCA. 0.01% disseminated and quartz vein hosted Py. Lower contact is sharp and irregular.

Mineralization

40.5-40.6: ~0.1% quartz-carbonate vein hosted Po

42.05 42.6 1A - Quartzite
 Similar to 5.49m-6.62m. Tan grey to medium grey quartzite. Faint bedding/ layering is occurs locally at ~15 DTCA. No sulphides observed. Lower contact is gradational marked by colour change to dark grey.

Alteration

42.05-42.6: Moderate, pervasive silicification

Structure

42.59-42.6: Lower contact; Lower contact is gradational marked by colour change to dark grey.

42.6 45.37 4D - Biotite quartz diorite
 Similar to that described from 34.82-36.28m. Weak fracture filling chlorite alteration. Interval is cut by <1%, 0.1-2cm irregular/broken up quartz veins with 0.1% Py. Lower contact is sharp ~40 DTCA.

Structure

45.36-45.37: Lower contact; Lower contact is sharp ~40 DTCA.

45.37 52 1A - Quartzite
 Similar to 5.49m-6.62m. Tan grey to medium grey quartzite. Unit is displays healed fracturing throughout. No sulphides observed. Lower contact is sharp and irregular.

Mineralization

46.0-50.0: ~0.1% disseminated Py

Alteration

45.37-54.47: Moderate, pervasive silicification

Structure

51.99-52.0: Lower contact; Lower contact is sharp and irregular.

Project:	Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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52 53.43 4D - Biotite quartz diorite
 Similar to that described from 34.82-36.28m. Weak-moderate fracture filling chlorite alteration. Unit contains ~5-10% resorbed quartzite fragments. No sulphides observed. Lower contact is sharp and irregular.

Alteration

45.37-54.47: Moderate, pervasive silicification

Structure

52.0-54.42: Lower contact; Lower contact is sharp and irregular.

53.43 54.42 1A - Quartzite
 Similar to 5.49m-6.62m. Tan grey to medium grey quartzite. Unit displays healed fracturing throughout. Contains ~0.1% fracture filling Py. Lower contact is sharp and irregular.

Alteration

45.37-54.47: Moderate, pervasive silicification

Structure

52.0-54.42: Lower contact; Lower contact is sharp and irregular.

54.42 58.1 4D - Biotite quartz diorite
 Similar to that described from 34.82-36.28m. Weak-moderate fracture filling to pervasive chlorite alteration. Interval becomes weakly-moderately foliated/sheared towards lower contact @ 57.5-58.1m ~15 DTCA. Unit contains ~5-10% resorbed quartzite fragments that become elongate parallel to the shear direction towards lower contact. No sulphides observed. Lower contact is sharp ~20 DTCA.

Mineralization

55.35-55.55: ~1% quartz-carbonate vein hosted Po with ~0.1% Cpy

Alteration

45.37-54.47: Moderate, pervasive silicification

54.47-58.1: Weak-moderate, pervasive chlorite alteration

Structure

57.5-58.09: Foliation

58.09-58.1: Lower contact; Lower contact is sharp ~20 DTCA.

Project: Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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58.1 58.94 SHR - Shearzone

Sheared quartzite. Tan grey, similar quartzite as described above with moderately developed foliation ~25 DTCA. Unit is moderately silicified with no visible sulphides. and slightly blocky. Lower contact is gradational marked by transition into pseudotachylite.

Alteration

58.1-58.94: Moderate, pervasive silicification

Structure

58.1-58.93: Foliation

58.93-58.94; Lower contact is gradational marked by transition into pseudotachylite.

58.94 61.6 PSEU - Pseudotachylite

Pseudotachylite. Dark grey, very fine grained matrix ~80% with 20% subrounded-subangular, 0.1-10cm fragments of quartzite and quartz diorite (?). Unit is moderately foliated ~25-35 DTCA with fragments oriented parallel foliation direction; fragments locally occur augen shaped. Unit contains ~0.01% disseminated Po, locally within matrix and fragmented quartz veins. ~2mm fault gouge occurs @61.17-61.22m ~60-65 DTCA. Lower contact is sharp ~30 DTCA.

Mineralization

58.94-61.6: ~0.01% disseminated Po

Alteration

58.94-63.92: Weak pervasive chlorite alteration

Structure

58.94-61.17: breccia; see major litho

61.17-61.2: Gouge; 2mm seam of fault gouge ~60-65 DTCA

61.2-61.59: Foliation

61.59-61.6: Lower contact; Lower contact is sharp ~30 DTCA.

61.6 63.92 4D - Biotite quartz diorite

Quartz diorite. Medium grey, fine grained, non magnetic, weakly foliated ~50 DTCA but grades into massive towards lower contact. Consists of 10-20% 1-2mm blue quartz phenocrysts with dark brown/grey, fine grained groundmass consisting of plagioclase-amphibole-biotite. Interval is cut by 0.5-2cm quartz-carbonate veins ~30-45 DTCA. No sulphides observed. Lower contact is sharp ~40 DTCA.

Alteration

58.94-63.92: Weak pervasive chlorite alteration

Structure

61.6-63.91: Foliation; Foliation ranges from 40-50 DTCA

63.91-63.92: Lower contact; Lower contact is sharp ~40 DTCA.

Project: Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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63.92 64.64 PSEU - Pseudotachylite

Similar to that described from 58.94-61.6m. Unit contains ~25cm block of quartzite. Sulphides occur as 0.01% foliation controlled Po. Lower contact is sharp ~50 DTCA.

Alteration

63.92-64.64: Moderate, pervasive chlorite alteration of matrix

Structure

63.92-64.63: breccia; see major litho

64.64 68.45 4C - Quartz gabbro

Quartz gabbro. Dark grey, medium grained, non magnetic, massive. Consists of 65% amphibole/pyroxene with ~30% interstitial plagioclase and ~5% quartz. Interval is cut by 1-4cm, undulatory quartz vein ~66.59-67.34m ~0 DTCA with ~0.5% Cpy. Lower contact is sharp and undulatory ~20 DTCA.

S00432125	65.07	66.59	1.52	0.00512	0.0203	0.0115	0.006	0.022	0.01
S00432126	66.59	67.34	0.75	0.00423	0.0687	0.0099	0.018	0.02	0.005
S00432127	67.34	68.49	1.15	0.00545	0.0179	0.013	0.006	0.028	0.005

Mineralization

66.59-67.57: ~0.5% quartz-carbonate vein hosted Cpy

Alteration

64.64-69.63: Weak, pervasive chlorite alteration

Structure

66.59-67.34: Veins; 1-4cm quartz vein with ~0.5% Cpy ~0 DTCA

68.44-68.45: Lower contact; Lower contact is sharp ~20 DTCA.

68.45 69.63 PSEU - Pseudotachylite

Similar to that described from 58.94-61.6m. Foliation is weakly-moderately foliated ~35 DTCA. Fragments are dominantly subrounded quartz gabbro ~30%. Sulphides occur as 0.5% foliation controlled Po. Lower contact is sharp ~25 DTCA.

S00432127	67.34	68.49	1.15	0.00545	0.0179	0.013	0.006	0.028	0.005
S00432128	68.49	69.64	1.15	0.00573	0.0435	0.0279	0.015	0.037	0.02

Mineralization

68.45-69.63: ~0.5% foliation controlled/disseminated Po

Alteration

64.64-69.63: Weak, pervasive chlorite alteration

Structure

68.45-69.62: breccia; see major litho

69.62-69.63: Lower contact; Lower contact is sharp ~25 DTCA.

Project: Project				Hole Number: MMC-21-27								
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
69.63	73.6	4B - Melagabbro	S00432128	68.49	69.64	1.15	0.00573	0.0435	0.0279	0.015	0.037	0.02
Melagabbro. Medium green, fine-medium grained, non magnetic, massive to weakly foliated , equigranular with 0.1-35mm quartzite fragments. Consists of ~90% pyroxene/amphibole that occur as 1-3mm equant crystals with <10% of plagioclase. Contains 35cm block of quartz @70.92-71.28m. Weak, pervasive chlorite alteration. Overall unit contains ~3% disseminated CpyPo. Lower contact is sharp and irregular.			S00432129	69.64	70.25	0.61	0.0132	0.2329	0.2579	0.131	0.281	0.23
			S00432131	70.25	70.9	0.65	0.0211	0.259	0.3236	0.192	0.445	0.43
			S00432132	70.9	71.28	0.38	0.00622	0.1811	0.0889	0.025	0.065	0.11
Mineralization			S00432133	71.28	72.08	0.8	0.0122	0.1596	0.1129	0.059	0.128	0.14
69.63-70.92: ~3% disseminated CpyPo			S00432134	72.08	72.79	0.71	0.0126	0.1854	0.1106	0.073	0.156	0.14
70.92-71.28: ~3% fracture controlled CpyPo			S00432135	72.79	73.6	0.81	0.00713	0.08	0.0639	0.032	0.061	0.05
71.28-72.79: ~2-3% disseminated CpyPo												
72.79-73.6: ~1-2% disseminated CpyPo												
Alteration												
69.63-74.41: Weak-moderate pervasive chlorite alteration												
Structure												
73.59-73.6: Lower contact; Lower contact is sharp and irregular.												
73.6	74.41	PSEU - Pseudotachylite	S00432136	73.6	74.41	0.81	0.00473	0.0446	0.0438	0.029	0.055	0.04
Similar to that described from 58.94-61.6m. Foliation is weakly developed ~10 DTCA. Fragments are dominantly subrounded quartz gabbro and quartzite ~70%. Sulphides occur as 1% foliation controlled Po. Lower contact is sharp ~35 DTCA.												
Mineralization												
73.9-74.41: ~0.5-1.0% foliation controlled Po												
Alteration												
69.63-74.41: Weak-moderate pervasive chlorite alteration												
Structure												
74.4-74.41; Lower contact is sharp ~35 DTCA.												
74.41	79.55	1A - Quartzite	S00432137	74.41	75.86	1.45	0.00113	0.0159	0.0029	0.0025	0.0025	0.005
Similar to 5.49m-6.62 m. Tan grey to medium grey quartzite. Contains ~0.5% fracture filling Po. Lower contact is sharp ~15 DTCA.												
Alteration												
74.41-79.55: Moderate, pervasive silicification												
Structure												
78.0-79.54; Faint bedding in quartzite												
79.54-79.55: Lower contact; Lower contact is sharp ~15 DTCA.												

Project: Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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79.55 80.05 4D - Biotite quartz diorite

Similar to that described from 61.6-63.92m. 0.1% fracture filling Po. Lower contact is obscured by rubbly core.

Structure

79.55-80.05: Lower contact; Lower contact is obscured by rubbly core.

80.05 80.67 PSEU - Pseudotachylite

Similar to that described from 58.94-61.6m. Foliation is weakly developed ~0 DTCA. Fragments are dominantly subrounded quartzite ~10%. Sulphides occur as 1% foliation controlled Po. Lower contact is sharp ~10-15 DTCA.

Structure

80.05-80.66: breccia; see major litho

80.66-80.67; Lower contact is sharp ~10 DTCA

80.67 82.8 4D - Biotite quartz diorite

Similar to that described from 61.6-63.92m. Weakly foliated ~0-5 DTCA. 0.5-1.0% fine, fracture filling Po. Lower contact is sharp ~10 DTCA.

Mineralization

81.0-83.0: ~0.5% foliation controlled to disseminated Po

Structure

82.79-82.8; Lower contact is sharp ~10 DTCA.

82.8 83.83 PSEU - Pseudotachylite

Similar to that described from 58.94-61.6m. Foliation is moderately developed ~10 DTCA. Fragments are dominantly subrounded quartzite ~25%. Sulphides occur as 0.01% foliation controlled Po. Lower contact is sharp ~55 DTCA.

Mineralization

81.0-83.0: ~0.5% foliation controlled to disseminated Po

Structure

82.8-83.82: breccia; see major litho

83.82-83.83: Lower contact; Lower contact is sharp ~55 DTCA.

Project:	Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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83.83 86.26 DIA - Diabase

Diabase gabbro. Fine grained, green grey, massive. Upper contact suggests a chilled margin. Mineral percentages are difficult to determine based on the fine grained nature. Lower contact is sharp and irregular.

Alteration

83.83-88.49: Weak, pervasive chlorite alteration

Structure

86.25-86.26: Lower contact; Lower contact is sharp and irregular

86.26 88.49 PSEU - Pseudotachylite

Pseudotachylite. Foliation is weakly developed ~30 DTCA. Fragments are dominantly sub-rounded quartzite, ~30%. Fragments can be up to ~20cm wide. Matrix is dark green grey, very fine grained. Lower contact is sharp, ~ 45 DTCA.

Alteration

83.83-88.49: Weak, pervasive chlorite alteration

Structure

86.26-88.48: breccia; see major litho

88.48-88.49: Lower contact; Lower contact is sharp. ~45 DTCA.

88.49 89.92 DIA - Diabase

Diabase Gabbro. Fine grained, dark grey, massive, weakly magnetic. Unit contains ~70-80% amphibole, and ~20-30% plagioclase. Fine grained nature, while still showing crystals suggests the middle section of a diabase intrusion, away from chilled contacts. Lower contact is sharp, ~20 DTCA.

Alteration

88.49-90.8: Moderate, pervasive silicification

Structure

89.91-89.92: Lower contact; Lower contact is sharp, ~20 DTCA.

89.92 90.8 1A - Quartzite

Quartzite fragment. Fine grained, massive, blue grey, non-magnetic. Contains >90% quartz with speckled black amphibole. Lower contact is sharp, ~50 DTCA.

Alteration

88.49-90.8: Moderate, pervasive silicification

Structure

90.79-90.8: Lower contact; Lower contact is sharp, ~50 DTCA

Project: Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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90.8 92.14 PSEU - Pseudotachylite
 Similar to 86.26m-88.49m. Fragments of fine grained gabbro and sub-rounded quartzite present in the aphanitic green matrix. ~0.1-0.5% quartz-carbonate vein hosted to disseminated Po. Lower contact is sharp, ~35 DTCA.

Mineralization

91.0-92.14: ~0.01% quartz-carbonate vein hosted Po

Structure

90.8-92.13: breccia; see major litho

92.13-92.14: Lower contact; Lower contact is sharp, ~35 DTCA

92.14 102.51 DIA - Diabase
 Diabase. Similar to the one described from 88.49m-89.92m. Unit grades into finer grained down hole. Multiple mm-scale quartz-carbonate stringers at varied orientations present. Weak pervasive chlorite alteration present throughout the unit. Lower contact is sharp, showing a chilled contact with gabbro fragment, ~50 DTCA.

Structure

102.5-102.51: Lower contact; Lower contact is sharp, ~50 DTCA

102.51 107.71 PSEU - Pseudotachylite
 Similar to described from 86.26m-88.49m. Sub-rounded, mm to dm scale quartzite fragments in a fine grained, green grey matrix. Matrix is weak to moderately chlorite altered. Dm scale gabbro fragments are also seen. ~0.01% quartz-carbonate vein hosted Po present. Lower contact is sharp, ~35 DTCA.

S00432138	102.51	103.51	1	0.004	0.0367	0.0214	0.01	0.017	0.01
S00432139	103.51	104.85	1.34	0.00342	0.0114	0.0237	0.008	0.012	0.005
S00432141	104.85	106.22	1.37	0.00203	0.0505	0.0157	0.007	0.007	0.005
S00432142	106.22	107.71	1.49	0.00414	0.0255	0.026	0.029	0.02	0.02

Mineralization

103.0-105.0: ~0.01-0.1% disseminated PoCpy

107.65-108.4: ~7-10% quartz-carbonate vein hosted PoCpy

Alteration

103.0-106.22: Weak, pervasive chlorite, and moderate, pervasive silicification alteration

106.22-107.71: Weak moderate, pervasive, chlorite alteration

Structure

102.51-107.63: breccia; see major litho

107.63-107.64: Lower contact; Lower contact is sharp, ~35 DTCA

107.64-108.2: Veins; Broken quartz veining containing PoCpy mineralization

Project: Project			Hole Number: MMC-21-27									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
107.71	127.1	4C - Quartz gabbro	S00432143	107.71	108.41	0.7	0.0198	0.0388	0.1614	0.091	0.048	0.01
Quartz gabbro. Dark grey green, fine grained, massive, non-magnetic. Unit contains ~75% amphibole, ~15-20% feldspar, and ~5-10% quartz. Weak, pervasive chlorite alteration present. From 107.64m-108.4m, ~8-10% quartz-carbonate vein hosted PoCpy is present, isolated to just this area. Consistent mineralization begins at ~125.40m. From 125.4m-127.1m ~5-8% blebby PoCpy present. Lower contact is gradational, marked by the start of quartz fragments.			S00432144	108.41	109.91	1.5	0.00349	0.012	0.0049	0.0025	0.0025	0.005
			S00432145	122.76	123.9	1.14	0.004	0.0125	0.0043	0.0025	0.0025	0.005
			S00432146	123.9	125.3	1.4	0.00461	0.0143	0.0056	0.0025	0.0025	0.005
Mineralization			S00432147	125.3	126.0	0.7	0.0153	0.1042	0.1413	0.029	0.103	0.1
107.65-108.4: ~7-10% quartz-carbonate vein hosted PoCpy			S00432148	126.0	127.1	1.1	0.017	0.131	0.1725	0.09	0.133	0.15
125.4-129.27: ~8-10% blebby PoCpy												
Structure												
107.64-108.2: Veins; Broken quartz veining containing PoCpy mineralization												
127.09-127.1: Lower contact; Lower contact is gradational, marked by the presence of quartz fragments												
127.1	132.67	4F - Fragmental melagabbro	S00432149	127.1	128.4	1.3	0.0328	0.1877	0.1873	0.094	0.225	0.14
Fragmental melagabbro. Fine grained, green grey, massive, non-magnetic. Unit is made of ~80-90% amphibole, ~10-20% plagioclase. Unit contains mm-cm scale fragments of quartz, sub-rounded. Larger fragments appear like veins, but are discontinuous. Cm-scale quartz-carbonate veins present at irregular angles to core axis. Unit consists of ~10% blebby to quartz-carbonate vein hosted PoCpy. Lower contact is gradational, marked by the the lack of fragments.			S00432151	128.4	129.66	1.26	0.0135	0.1385	0.1272	0.044	0.083	0.08
			S00432152	129.66	130.9	1.24	0.0256	0.4267	0.293	0.057	0.162	0.12
			S00432153	130.9	131.75	0.85	0.018	0.3255	0.2404	0.183	0.26	0.2
Mineralization			S00432154	131.75	132.67	0.92	0.0144	0.195	0.1846	0.069	0.123	0.09
125.4-129.27: ~8-10% blebby PoCpy												
129.27-130.9: ~10-12% blebby PoCpy												
130.9-134.1: ~5-8% blebby to disseminated PoCpy												
Alteration												
132.0-134.2: Moderate, pervasive chlorite alteration												
Structure												
132.66-132.67: Lower contact; Lower contact is gradational, marked by the end of fragments												

Project:		Hole Number: MMC-21-27										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
132.67	152.3	4B - Melagabbro	S00432155	132.67	134.17	1.5	0.0163	0.1324	0.1935	0.101	0.229	0.12
Melagabbro. Similar to 127.1m-132.67m. Does not contain fragments like previous compared unit. Plagioclase content decreases between the 140m -141m mark. Overall, the unit is fine grained, green grey, massive. ~2-5% blebby PoCpy until 140m. From 140m-144m, ~8-10% blebby with quartz-carbonate vein hosted PoCpy. From 144m-147.6m, ~5-8% blebby PoCpy. From 147.6m-152.3m, ~8-10% blebby PoCpy. Lower contact is gradational, marked by the presence of quartz fragments.			S00432156	134.17	135.62	1.45	0.00667	0.0635	0.0453	0.025	0.041	0.03
			S00432157	135.62	137.03	1.41	0.00718	0.0779	0.049	0.031	0.05	0.04
			S00432158	137.03	138.43	1.4	0.00612	0.0522	0.0333	0.02	0.041	0.04
			S00432159	138.43	139.84	1.41	0.00651	0.0558	0.0392	0.024	0.047	0.03
Mineralization			S00432161	139.84	141.33	1.49	0.02	0.2965	0.3016	0.147	0.297	0.25
130.9-134.1: ~5-8% blebby to disseminated PoCpy			S00432162	141.33	142.5	1.17	0.0233	0.3475	0.33	0.168	0.338	0.34
134.1-140.0: ~3-5% disseminated to blebby PoCpy			S00432163	142.5	143.64	1.14	0.0327	0.5392	0.4889	0.248	0.518	0.54
140.0-150.0: ~5-8% blebby to disseminated PoCpy			S00432164	143.64	144.74	1.1	0.0318	0.3919	0.4836	0.212	0.459	0.39
150.0-153.0: ~4-7% blebby to disseminated PoCpy			S00432165	144.74	146.2	1.46	0.0217	0.3734	0.3588	0.158	0.335	0.29
Alteration			S00432166	146.2	147.48	1.28	0.0215	0.3476	0.3606	0.2	0.414	0.37
132.0-134.2: Moderate, pervasive chlorite alteration			S00432167	147.48	148.65	1.17	0.0212	0.4875	0.3403	0.187	0.379	0.29
134.2-143.8: Weak, pervasive chlorite alteration			S00432168	148.65	150.0	1.35	0.0263	0.5741	0.4352	0.294	0.531	0.45
143.8-154.48: Weak moderate, pervasive chlorite alteration			S00432169	150.0	151.41	1.41	0.0249	0.5112	0.4136	0.211	0.429	0.39
Structure			S00432171	151.41	152.3	0.89	0.0238	0.4145	0.3753	0.159	0.333	0.29
152.29-152.3: Lower contact; Lower contact is gradational, marked by the start of fragments			S00432172	152.3	153.22	0.92	0.02	0.3237	0.2833	0.143	0.326	0.26
152.3	154.48	4F - Fragmental melagabbro	S00432173	153.22	154.48	1.26	0.0355	0.6462	0.5497	0.275	0.616	0.6
Similar to 127.1m- 132.67m. Fragmental melagabbro. Contains mm-scale sub-rounded to sub-angular quartz fragments. Unit contains ~80-90% amphibole, and ~10-20% plagioclase +/- quartz and quartz fragments. Contains ~10% blebby PoCpy. Lower contact is sharp and irregular.												
Mineralization												
150.0-153.0: ~4-7% blebby to disseminated PoCpy												
153.0-154.48: ~7-10% blebby to disseminated PoCpy												
Alteration												
143.8-154.48: Weak moderate, pervasive chlorite alteration												
Structure												
154.47-154.48: Lower contact; Lower contact is sharp and irregular due to blocky core												

Project: Project							Hole Number: MMC-21-27						
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)	
154.48	155.17	1A - Quartzite	S00432175	154.48	155.17	0.69	0.00478	0.0331	0.0357	0.016	0.038	0.05	
<p>Quartzite. Similar to 89.92m-90.8m. Dark grey blue, fine grained, massive to weakly brecciated. Quartzite appears to be almost completely reabsorbed. ~10% biotite. Contains no observed mineralization. Lower contact is sharp and irregular.</p> <p>Mineralization 155.15-156.3: ~5-8% disseminated to blebby PoCpy</p> <p>Alteration 154.48-155.17: Moderate, pervasive silicification</p> <p>Structure 155.14-155.15: Lower contact; Lower contact is sharp and irregular</p>													
155.17	174.87	4B - Melagabbro	S00432176	155.17	156.47	1.3	0.0256	0.551	0.4269	0.205	0.468	0.47	
<p>Melagabbro, similar to 132.67m-152.3m. Green grey, fine grained, massive to weakly foliated, non-magnetic. Contains ~80-85% amphibole, ~10% plagioclase, ~5% biotite. Weak, pervasive chlorite alteration is consistent. ~8-10% blebby PoCpy until 157m. ~5-8% disseminated PoCpy from 157m-173m. ~1-2% disseminated PoCpy from 173m-174.87m. Lower contact is sharp, ~40 DTCA.</p> <p>Mineralization 155.15-156.3: ~5-8% disseminated to blebby PoCpy 156.3-166.9: ~3-5% disseminated to blebby PoCpy 166.9-169.48: ~2-3% disseminated PoCpy 169.48-173.0: ~5-8% disseminated PoCpy 173.0-174.87: ~1-2% disseminated PoCpy</p> <p>Alteration 155.17-174.0: Weak, pervasive chlorite alteration</p> <p>Structure 174.86-174.87: Lower contact; Lower contact is sharp, ~40 DTCA</p>													
			S00432177	156.47	157.85	1.38	0.0128	0.2784	0.1767	0.094	0.217	0.15	
			S00432178	157.85	159.13	1.28	0.00936	0.1733	0.1055	0.063	0.14	0.1	
			S00432179	159.13	160.49	1.36	0.0137	0.2528	0.198	0.111	0.265	0.18	
			S00432181	160.49	161.86	1.37	0.0133	0.2496	0.2088	0.119	0.278	0.35	
			S00432182	161.86	162.89	1.03	0.0145	0.2004	0.1547	0.087	0.195	0.18	
			S00432183	162.89	164.09	1.2	0.0222	0.4168	0.3243	0.174	0.354	0.35	
			S00432184	164.09	165.47	1.38	0.0208	0.3803	0.2842	0.185	0.334	0.28	
			S00432185	165.47	166.82	1.35	0.0175	0.3264	0.2932	0.251	0.362	0.31	
			S00432186	166.82	168.0	1.18	0.0127	0.2487	0.1649	0.136	0.206	0.23	
			S00432187	168.0	169.48	1.48	0.0127	0.1834	0.0995	0.108	0.126	0.11	
			S00432188	169.48	170.75	1.27	0.0145	0.3572	0.2537	0.164	0.313	0.28	
			S00432189	170.75	171.64	0.89	0.00957	0.1943	0.1079	0.072	0.119	0.09	
			S00432191	171.64	172.98	1.34	0.0197	0.5418	0.393	0.221	0.478	0.4	
			S00432192	172.98	174.0	1.02	0.00544	0.0282	0.0415	0.059	0.082	0.04	
			S00432193	174.0	174.87	0.87	0.00604	0.0752	0.038	0.071	0.148	0.05	

Project: Project			Hole Number: MMC-21-27									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
174.87	204.24	4C - Quartz gabbro	S00432194	174.87	176.3	1.43	0.00488	0.0246	0.0174	0.012	0.047	0.02
<p>Quartz Gabbro. Green grey, fine to locally medium grained, massive, non-magnetic. ~60-70% amphibole, ~20-30% plagioclase, ~10% quartz. Unit is cut by multiple mm-scale quartz carbonate stringers at varied orientations. Cut by a 30cm quartz vein at 203.42m at ~35 DTCA. ~0.5% disseminated with localized quartz-carbonate vein hosted PoCpy. ~10cm patches of ~1-2% disseminated PoCpy are present between 186m-191m. Lower contact is sharp with veining, ~40 DTCA.</p> <p>Mineralization</p> <p>174.87-180.0: ~0.1-0.5% disseminated PoCpy</p> <p>180.0-185.7: ~0.01-0.1% disseminated PoCpy</p> <p>185.7-188.0: ~0.5-1% disseminated PoCpy</p> <p>188.0-204.24: ~0.1% disseminated with quartz carbonate vein hosted PoCpy</p> <p>Alteration</p> <p>199.0-204.0: Weak, pervasive chlorite alteration</p> <p>204.0-204.24: Moderate, pervasive chlorite</p> <p>Structure</p> <p>203.42-203.72: Veins; Massive quartz vein in quartz gabbro</p> <p>204.23-204.24: Lower contact; Lower contact is sharp, ~40 DTCA</p>			S00432195	176.3	177.78	1.48	0.00529	0.0295	0.019	0.011	0.051	0.02
			S00432196	177.78	179.25	1.47	0.0055	0.0324	0.0198	0.011	0.054	0.02
			S00432197	179.25	180.47	1.22	0.00564	0.0421	0.0227	0.015	0.071	0.03
			S00432198	180.47	181.65	1.18	0.00566	0.0457	0.0213	0.015	0.051	0.02
			S00432199	181.65	183.0	1.35	0.00498	0.023	0.0163	0.009	0.039	0.02
			S00432201	183.0	184.44	1.44	0.00529	0.0217	0.0151	0.007	0.039	0.02
			S00432202	184.44	185.52	1.08	0.00537	0.0275	0.0185	0.008	0.049	0.02
			S00432203	185.52	186.98	1.46	0.00679	0.1197	0.0433	0.037	0.137	0.05
			S00432204	186.98	188.32	1.34	0.00469	0.0229	0.0147	0.0025	0.024	0.005
			S00432205	188.32	189.54	1.22	0.0053	0.05	0.0225	0.013	0.05	0.02
S00432206	189.54	191.04	1.5	0.00605	0.0658	0.0273	0.018	0.065	0.03			
S00432207	194.32	195.32	1	0.00541	0.0618	0.0176	0.025	0.063	0.02			
S00432208	201.16	202.4	1.24	0.00399	0.0073	0.0093	0.03	0.085	0.02			
S00432209	202.4	203.72	1.32	0.00312	0.0075	0.0074	0.01	0.034	0.01			
S00432211	203.72	204.24	0.52	0.00467	0.0214	0.0114	0.015	0.033	0.02			
204.24	206.28	APL - Aplite	S00432212	204.24	205.07	0.83	0.0006	0.001	0.0026	0.0025	0.0025	0.005
<p>Aplite? Green grey host with white to pink diffuse inclusions. Large mottling's of biotite (~10-20%+) scattered through large feldspar rich areas. Upper contact is sharp showing the injection, while towards the lower it grades out to more host rock. No observed mineralization. Lower contact is sharp, ~60 DTCA.</p> <p>Alteration</p> <p>204.24-206.15: Moderate, pervasive silicification</p> <p>Structure</p> <p>204.24-206.27: Veins; see major litho</p> <p>206.27-206.28: Lower contact; Lower contact sharp, ~60 DTCA</p>			S00432213	205.07	206.2	1.13	0.00083	0.0012	0.0033	0.0025	0.0025	0.005

Project: Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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206.28 206.98 QV - Quartz vein

Quartz vein. Massive, white quartz with weak to moderate pervasive chlorite alteration towards the end of the vein. No observed mineralization. Lower contact is sharp, ~25 DTCA.

Alteration

206.85-208.22: Moderate to moderate strong pervasive chlorite alteration

Structure

206.28-206.97: Veins; see major litho

206.97-206.98: Lower contact; Lower contact sharp, ~25 DTCA

206.98 208.12 SHR - Shearzone

Shearzone. Moderate to strong chlorite alteration caused drill scratching. Foliation of the shear is steepens with depth, from ~25-30 DTCA at start and ~30-40 DTCA at bottom. ~0.1-0.5% quartz carbonate vein hosted PoCpy. ~10cm quartz vein present in the center of the shear. Lower contact is sharp, ~40 DTCA.

S00432214	207.0	208.09	1.09	0.00885	0.0311	0.0431	0.009	0.015	0.01
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Mineralization

207.0-208.0: ~0.1-0.5% quartz-carbonate vein hosted CpyPo

Alteration

206.85-208.22: Moderate to moderate strong pervasive chlorite alteration

Structure

206.98-208.11: Shear; see major litho

208.11-208.12: Lower contact; Lower contact sharp, ~40 DTCA

208.12 209.3 QV - Quartz vein

Similar to 206.28m-206.98m. Quartz vein. Massive to weakly brecciated. Small mm-scale stringers of green chlorite alteration. No observed mineralization. Lower contact is sharp and undulatory, ~15 DTCA.

Alteration

206.85-208.22: Moderate to moderate strong pervasive chlorite alteration

Structure

208.12-209.29: Veins; see major litho

209.29-209.3: Lower contact; lower contact sharp and irregular, ~15 DTCA

Project: Project		Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
209.3	240.61	4C - Quartz gabbro	S00432215	221.03	221.47	0.44	0.00464	0.0105	0.0107	0.0025	0.016	0.01
Similar to 174.87m-204.24m Quartz gabbro. Massive, weak pervasive chlorite alteration. Patchy hematite alteration from 214m-234m of veins and surrounding feldspars. Patchy quartz veining from 235.77m-236m. Carbonate vein creates a 1.5cm offset starting at 232.15m-232.55m. ~0.01% quartz-carbonate vein hosted CpyPo from 221-222m, from 228m-229m, and from 240m-240.61m. Lower contact is sharp, ~50 DTCA.												
			S00432216	221.47	222.41	0.94	0.00468	0.0163	0.0105	0.0025	0.015	0.01

Mineralization

- 210.0-212.0: ~0.01% quartz-carbonate vein hosted CpyPo
- 221.0-228.5: ~0.01% quartz-carbonate vein hosted Cpy
- 236.0-236.3: ~0.01% quartz-carbonate vein hosted Cpy
- 240.0-246.5: ~0.01% quartz-carbonate vein hosted CpyPo

Alteration

- 214.0-215.0: Weak, patchy hematite alteration
- 226.0-226.5: Weak, patchy, hematite alteration
- 232.0-235.0: Weak, pervasive, chlorite alteration
- 235.0-237.5: Weak moderate, pervasive chlorite alteration
- 240.0-245.75: Weak moderate, pervasive chlorite alteration, and moderate patchy silicification

Structure

- 232.2-232.55: Slip surfaces; ~1.5cm displacement of quartz-carbonate veining
- 237.0-237.2: Blocky core; blocky core
- 240.6-240.61: Lower contact; lower contact is sharp, ~50 DTCA

240.61 243.48 SHR - Shearzone

Shearzone. Sheared quartz gabbro with brecciated quartz veining and tan orange inclusions. Shear ~50-60 DTCA. Lower contact is sharp, ~60 DTCA.

Mineralization

- 240.0-246.5: ~0.01% quartz-carbonate vein hosted CpyPo

Alteration

- 240.0-245.75: Weak moderate, pervasive chlorite alteration, and moderate patchy silicification

Structure

- 240.61-243.47: Shear; shear ~50-60 DTCA
- 243.47-243.48: Lower contact; Lower contact is sharp, ~60 DTCA

Project:	Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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243.48 244.1 QCV - Quartz-carbonate Vein

Quartz carbonate vein. Massive to brecciated. White grey quartz with creamy eggshell white/yellow carbonate. Host rock is quartz gabbro from 209.3m-240.61m. ~0.01% quartz-carbonate vein hosted Cpy. Lower contact is sharp, ~35 DTCA.

Mineralization

240.0-246.5: ~0.01% quartz-carbonate vein hosted CpyPo

Alteration

240.0-245.75: Weak moderate, pervasive chlorite alteration, and moderate patchy silicification

Structure

243.48-244.09: Veins; see major litho

244.09-244.1: Lower contact; lower contact sharp ~35 DTCA

244.1 244.66 SHR - Shearzone

Shear. Similar to 240.61m-243.48m. Shear ~30-40 DTCA. Moderate chlorite alteration. No observed mineralization. Lower contact is sharp and irregular.

Mineralization

240.0-246.5: ~0.01% quartz-carbonate vein hosted CpyPo

Alteration

240.0-245.75: Weak moderate, pervasive chlorite alteration, and moderate patchy silicification

Structure

244.1-244.65: Shear; see major litho

244.65-244.66: Lower contact; lower contact sharp and irregular

244.66 245.75 QCV - Quartz-carbonate Vein

similar to 243.48m-244.1m. Quartz carbonate vein. Massive to brecciated, white quartz with similar yellow carbonate. Moderate chlorite alteration of gabbroic sections. No observed mineralization. Lower contact is sharp and irregular.

Mineralization

240.0-246.5: ~0.01% quartz-carbonate vein hosted CpyPo

Alteration

240.0-245.75: Weak moderate, pervasive chlorite alteration, and moderate patchy silicification

Structure

244.66-245.74: Veins; see major litho

245.74-245.75; lower contact sharp and irregular.

Project:	Project	Hole Number: MMC-21-27
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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245.75 248.99 4C - Quartz gabbro

Similar to 174.87m-204.24m. Quartz gabbro. Massive to weakly foliated ~70 DTCA. ~0.01% quartz carbonate vein hosted Cpy. Unit is cut by ~10cm quartz veins. Patchy hematite alteration.

Mineralization

240.0-246.5: ~0.01% quartz-carbonate vein hosted CpyPo

Alteration

245.75-249.0: Weak pervasive chlorite alteration, and weak patchy hematite alteration

248.99 249

Alteration

245.75-249.0: Weak pervasive chlorite alteration, and weak patchy hematite alteration

Project: Project		Hole Number: MMC-21-28					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Aug-25-2021	Drilling Started: Aug-24-2021	Type: Planned		Grid: NAD83 / UTM zone 17N	
Hole Size: NQ	Claim Number:	Logging Completed: Aug-28-2021	Drilling Completed: Aug-26-2021	Easting: 436122		Northing: 5133368	
Purpose: Infill	Planned Depth: 75	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis		Elevation: 316		
Casing: Mt	Actual Depth: 75						

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	3	OB - Overburden Overburden										
3	20.44	4C - Quartz gabbro Quartz Gabbro/ Generic Gabbro. Medium green, fine to fine/medium grained, equi-granular, non-magnetic. Unit consists of ~60-70% amphibole, ~25-35% plagioclase, and ~+/- 5% quartz. Quartz content varies and can disappear for small intervals through the unit. Unit has weak chlorite alteration. Unit is cut by mm-scale quartz-carbonate stringers at varied orientations. Unit is mineralized at: 3-7.75m ~3-5% disseminated PoCpy; 7.75-10.39m ~0.5-1% disseminated PoCpy; 10.39- 11.3m ~7-10% disseminated PoCpy; 11.3-14.7m ~3-5% disseminated PoCpy. Lower contact is gradational, marked by the decrease in quartz.	S00432308	3.2	4.51	1.31	0.00884	0.1726	0.1346	0.145	0.308	0.26
			S00432309	4.51	5.41	0.9	0.0205	0.4094	0.3629	0.222	0.463	0.32
			S00432311	5.41	6.85	1.44	0.0134	0.302	0.248	0.18	0.387	0.3
			S00432312	6.85	7.9	1.05	0.00955	0.165	0.129	0.106	0.205	0.15
			S00432313	7.9	9.0	1.1	0.00593	0.0498	0.0475	0.039	0.079	0.05
			S00432314	9.0	10.32	1.32	0.0063	0.0236	0.0188	0.019	0.049	0.03
			S00432315	10.32	11.22	0.9	0.0189	0.5571	0.3981	0.262	0.6	0.5
			S00432316	11.22	12.53	1.31	0.00738	0.063	0.0489	0.034	0.077	0.05
			S00432317	12.53	13.11	0.58	0.011	0.2098	0.1309	0.081	0.174	0.11
			S00432318	13.11	14.34	1.23	0.0222	0.5299	0.417	0.289	0.572	0.41
			S00432319	14.34	15.46	1.12	0.0123	0.2049	0.1481	0.122	0.231	0.16
			S00432321	15.46	16.49	1.03	0.00737	0.0765	0.0618	0.027	0.058	0.04
			S00432322	16.49	17.6	1.11	0.0061	0.017	0.015	0.017	0.038	0.02
			S00432323	17.6	18.49	0.89	0.007	0.0691	0.0529	0.048	0.091	0.06
			S00432324	18.49	19.19	0.7	0.00877	0.1367	0.1026	0.116	0.183	0.11
			S00432325	19.19	20.68	1.49	0.0057	0.059	0.02	0.016	0.028	0.01
		Mineralization										
		3.0-7.75: ~3-5% disseminated PoCpy										
		7.75-10.39: ~0.5-1% disseminated PoCpy										
		10.39-11.3: ~8-10% disseminated PoCpy										
		11.3-14.7: ~3-5% disseminated PoCpy										
		15.49-15.68: ~1-3% disseminated PoCpy										
		16.2-16.5: ~0.5-1% quartz-carbonate vein hosted PoCpy										
		17.61-18.41: ~0.5% quartz-carbonate vein hosted CpyPo										
		18.41-18.83: ~2-3% disseminated PoCpy										
		Alteration										
		3.0-19.88: Weak, pervasive chlorite alteration										
		20.27-20.68: Weak moderate, pervasive chlorite alteration										
		Structure										
		20.43-20.44: Lower contact; Lower contact is sharp, ~30 DTCA										

Project:		Hole Number: MMC-21-28										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
20.44	25.1	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Magmatic breccia/ fragmental gabbro. Unit is Dark to medium green, fine grained with fragments of quartz gabbro. Unit is weakly brecciated with wispy green fabrics around mm-scale and cm-scale quartz carbonate veining. Fragments of quartz gabbro up to ~10cm wide. Unit contains ~0.1-0.5% quartz carbonate vein hosted Cpy from 21.5m-25.1m. Lower contact is sharp, ~30 DTCA.	S00432325	19.19	20.68	1.49	0.0057	0.059	0.02	0.016	0.028	0.01
			S00432326	20.68	21.2	0.52	0.00474	0.0079	0.0104	0.0025	0.008	0.005
			S00432327	21.2	22.05	0.85	0.00696	0.0285	0.0223	0.014	0.03	0.02
			S00432328	22.05	22.5	0.45	0.00613	0.0614	0.0244	0.027	0.07	0.03
		Mineralization	S00432329	22.5	24.0	1.5	0.00591	0.0476	0.0202	0.021	0.062	0.02
		21.55-22.0: ~0.1% quartz carbonate vein hosted Cpy	S00432331	24.0	24.47	0.47	0.00603	0.0544	0.0192	0.014	0.033	0.02
		24.37-25.0: ~0.5% quartz carbonate vein hosted Cpy	S00432332	24.47	24.93	0.46	0.0037	0.0658	0.0113	0.019	0.017	0.005
		Alteration	S00432333	24.93	26.33	1.4	0.00482	0.053	0.0135	0.017	0.034	0.02
		20.27-20.68: Weak moderate, pervasive chlorite alteration										
		24.0-25.0: Weak, patchy carbonate alteration										
		Structure										
		20.44-22.0: Foliation; foliation of the magmatic breccia ~15 DTCA along with veining										
		22.0-25.09: Foliation; foliation of magmatic breccia ~25 DTCA										
		25.09-25.1: Lower contact; Lower contact is sharp, ~30 DTCA										
25.1	28.4	4C - Quartz gabbro Quartz gabbro. Fine to fine/medium grained, medium green, massive equigranular with patches of wispy green + grey carbonate. Carbonate veins orientated at ~25-30 DTCA. Unit contains ~65% amphibole, ~25-30% plagioclase, and ~5-10% quartz. Light green surrounding veins is a possible alteration from fluid injections. Patchy hematite alteration of plagioclase is present. No observed mineralization. Lower contact is sharp and irregular, ~20 DTCA.	S00432333	24.93	26.33	1.4	0.00482	0.053	0.0135	0.017	0.034	0.02
			S00432334	26.33	27.22	0.89	0.00503	0.037	0.012	0.014	0.03	0.02
			S00432335	27.22	28.26	1.04	0.00532	0.0382	0.0123	0.022	0.03	0.06
			S00432336	28.26	29.22	0.96	0.00227	0.0952	0.0073	0.019	0.017	0.04
		Mineralization										
		28.26-29.0: ~0.5-1% quartz carbonate vein hosted Cpy										
		Alteration										
		26.0-31.38: Weak moderate, pervasive chlorite and weak patchy carbonate alterations										
		Structure										
		25.1-28.39: Foliation; patchy foliation ~parallel to ~20 DTCA										
		28.39-28.4: Lower contact; Lower contact is sharp and irregular, ~20 DTCA										

Project:		Project											Hole Number: MMC-21-28				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
28.4	29.22	QCV - Quartz-carbonate Vein	S00432336	28.26	29.22	0.96	0.00227	0.0952	0.0073	0.019	0.017	0.04					
<p>Quartz carbonate vein. White grey quartz, massive to brecciated in fine grained, medium green quartz gabbro. Moderate patchy chlorite alteration surrounding quartz clusters. ~0.01% disseminated CpyPo found hosted in QGab. Lower contact is sharp, ~25 DTCA.</p> <p>Mineralization 28.26-29.0: ~0.5-1% quartz carbonate vein hosted Cpy</p> <p>Alteration 26.0-31.38: Weak moderate, pervasive chlorite and weak patchy carbonate alterations</p> <p>Structure 28.4-29.21: Veins; see major litho 29.21-29.22: Lower contact; lower contact is sharp, ~25 DTCA</p>																	
29.22	30.19	SHR - Shearzone	S00432337	29.22	30.21	0.99	0.0052	0.0077	0.0101	0.009	0.015	0.005					
<p>Shear zone. Medium green, fine grained. Unit is sheared quartz gabbro containing elongated quartz veins and clasts. Shear direction ~30 DTCA. Weak chlorite alteration present. Lower contact is sharp and irregular, ~45 DTCA.</p> <p>Alteration 26.0-31.38: Weak moderate, pervasive chlorite and weak patchy carbonate alterations</p> <p>Structure 29.22-30.18: Shear; See major litho 30.18-30.19: Lower contact; lower contact is sharp and irregular, ~45 DTCA</p>																	
30.19	31.38	QCV - Quartz-carbonate Vein	S00432337	29.22	30.21	0.99	0.0052	0.0077	0.0101	0.009	0.015	0.005					
<p>Similar to that described from 28.4m-29.22m. Unit is massive to weakly brecciated. Broken core, possibly from drill grind is between 31m- 31.15m. Unit contains ~0.5% quartz carbonate vein hosted CpyPo. Lower contact is sharp, ~20 DTCA.</p> <p>Mineralization 30.19-31.38: ~0.5% quartz carbonate vein hosted Cpy</p> <p>Alteration 26.0-31.38: Weak moderate, pervasive chlorite and weak patchy carbonate alterations</p> <p>Structure 30.19-31.37: Veins; See major litho 31.37-31.38: Lower contact; Lower contact is sharp, ~20 DTCA</p>																	

Project: Project			Hole Number: MMC-21-28									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
31.38	61.3	4C - Quartz gabbro	S00432339	31.38	32.43	1.05	0.00588	0.0016	0.0139	0.006	0.019	0.005
<p>Quartz gabbro. Fine to medium grained, equigranular to locally massive, medium green, non-magnetic. Unit consists of ~60-65% amphibole, ~30% plagioclase, and ~5-10% quartz. Weak hematite alteration occurs along quartz veining and of the plagioclase, most notable from 49m-58m. Unit is cut by mm-scale quartz carbonate veining at varied orientations. Unit contains ~0.5% quartz carbonate vein hosted Cpy from 53.9m-55m. Two intervals; 47.32m-47.5m, & 58.1m-58.2m, are strangely brecciated quartz veins with moderate chlorite alteration, seemingly injecting and brecciating the vein. Lower contact is gradational, marked by the the increase in foliation.</p> <p>Mineralization</p> <p>37.0-38.0: ~0.01% disseminated Cpy</p> <p>53.66-54.66: ~0.5% quartz carbonate vein hosted Cpy</p> <p>Alteration</p> <p>31.38-33.3: Moderate, pervasive chlorite alteration</p> <p>33.3-37.0: Weak moderate, patchy carbonate alteration, and weak patchy chlorite alteration</p> <p>50.8-57.9: Weak moderate, pervasive hematite alteration</p> <p>58.05-58.31: moderate, pervasive chlorite alteration</p> <p>Structure</p> <p>47.31-47.5: breccia; brecciated quartz gabbro with intrusive green chlorite alteration</p> <p>58.05-58.31: breccia; brecciated and chloritized quartz vein</p> <p>61.29-61.3: Lower contact; Lower contact is gradational</p>			S00432341	32.43	33.88	1.45	0.00541	0.0056	0.012	0.007	0.029	0.005
			S00432342	33.88	35.41	1.53	0.00392	0.0084	0.0086	0.0025	0.024	0.005
			S00432343	35.41	36.91	1.5	0.00504	0.0083	0.0108	0.0025	0.019	0.005
			S00432344	36.91	38.31	1.4	0.00502	0.0163	0.014	0.007	0.028	0.01
			S00432345	38.31	39.63	1.32	0.00517	0.0144	0.0124	0.0025	0.01	0.005
			S00432346	47.31	47.5	0.19	0.00548	0.0082	0.0122	0.0025	0.013	0.005
			S00432347	53.66	54.07	0.41	0.00452	0.0217	0.0105	0.008	0.007	0.005
			S00432348	54.07	54.66	0.59	0.00462	0.0804	0.0107	0.007	0.018	0.005
			S00432349	58.05	58.31	0.26	0.00455	0.0069	0.0108	0.0025	0.006	0.005
			61.3	66.33	SHR - Shearzone	S00432351	61.3	62.31	1.01	0.00466	0.0063	0.0107
<p>Shear zone. Unit is a fine grained, grey green quartz gabbro. Unit is cut by cm-scale quartz-carbonate veins at ~20 DTCA. Shearing is moderately developed, ~parallel to core axis in an undulating pattern. The wispy green shearing is weakly chloritized with isolated weak hematite alteration. Lower contact is gradational, marked by the decrease in foliation.</p> <p>Alteration</p> <p>62.6-66.0: Weak moderate, pervasive chlorite alteration</p> <p>Structure</p> <p>61.3-66.32: Shear; See major litho</p> <p>66.32-66.33: Lower contact; Lower contact is sharp, but irregular</p>			S00432352	62.31	62.69	0.38	0.00536	0.0036	0.0121	0.0025	0.0025	0.005
			S00432353	65.26	66.0	0.74	0.00553	0.0024	0.0121	0.0025	0.0025	0.005

Project: Project			Hole Number: MMC-21-28									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
66.33	74.99	4C - Quartz gabbro	S00432354	69.26	69.6	0.34	0.00433	0.0044	0.0103	0.0025	0.006	0.005
Similar to that described from 3.38m-61.3m. Fine to medium grained, equigranular, medium green, non-magnetic. Moderate hematite alteration from 69.26m-70m. ~0.1% quartz carbonate vein hosted Po present over this same interval.			S00432355	72.39	73.39	1	0.00474	0.0103	0.012	0.0025	0.008	0.005
Mineralization 69.26-69.6: ~0.1-0.5% quartz carbonate vein hosted Po												
Alteration 69.26-72.1: Weak moderate, pervasive hematite alteration												
Structure 71.0-71.5: Blocky core; blocky core of quartz gabbro												
74.99	75											

Project: Project		Hole Number: MMC-21-29					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started:	Drilling Started: Aug-26-2021	Type: Planned		Grid: NAD83 / UTM zone 17N	
Hole Size: NQ	Claim Number:	Logging Completed: Sep-02-2021	Drilling Completed:	Easting: 436003		Northing: 5133219	
Purpose: Infill	Planned Depth: 325	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis	Elevation: 277			
Casing: Mt	Actual Depth: 321						

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	12	OB - Overburden										
Casing up to 12m												
12	34	3A - Nipissing gabbro	S00432356	20.7	21.62	0.92	0.00556	0.0094	0.0125	0.0025	0.009	0.005
Gabbro. Dark grey, fine to medium grained, non magnetic, massive, equigranular. Contains ~30-40% plagioclase with 60-70% amphibole/pyroxene; no quartz observed. Minor blocky sections from 16.3-17m and 18-19.3m. Weak, pervasive chlorite alteration throughout. Interval is cut by 0.1-3cm quartz-carbonate veins/veinlets ~10-35 DTCA. Localized bleaching associated with quartz-carbonate veining accentuates plagioclase content of unit. Weak, patchy, pink hematite staining of plagioclase occurs throughout. Sulphides occur up to 5% disseminated PoCpy concentrated from 30-34m with 0.5% quartz-carbonate vein/fracture controlled PoCpy. Lower contact is gradational, marked by darker coloured unit associated with increased sulphide content.												
Mineralization												
30.0-33.76: ~6-8% finely disseminated PoCpy												
33.76-37.57: ~8-10% finely disseminated PoCpy												
Alteration												
15.0-19.0: Weak, patchy hematite alteration												
26.5-27.0: Weak, pervasive hematite alteration												
Structure												
16.3-17.0: Blocky core; blocky core												
18.55-19.0: Blocky core; blocky core												
21.63-21.93: Veins; 2-3cm quartz-carbonate vein ~10 DTCA												
22.73-22.83: Veins; ~10cm wide quartz-carbonate vein ~20 DTCA												
30.9-30.95: Veins; ~5 cm wide quartz-carbonate vein ~40 DTCA												
33.99-34.0: Lower contact; Lower contact is gradational												

Project:		Hole Number: MMC-21-29										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
34	39	4B - Melagabbro	S00432368	33.96	34.99	1.03	0.0249	0.4788	0.4512	0.522	0.584	0.42
Melagabbro. Dark grey-green, fine-medium grained, non magnetic, massive, equigranular. Consists of ~20% plagioclase, ~80% amphibole/pyroxene. Unit does not easily distinguishable from surrounding gabbro units and is differentiated by darker colour, increased sulphide content, and lower plagioclase content. Chlorite alteration is weak and pervasive. Interval is cut by 0.1-0.5cm brown, quartz-carbonate veins ~25-65 DTCA. Sulphides occur disseminated ~5-10% with 0.5% quartz-carbonate vein/fracture controlled PoCpy. Lower contact is gradational, marked by lighter coloured unit associated with lower sulphide content.			S00432369	34.99	36.0	1.01	0.0245	0.5843	0.4619	0.498	0.549	0.45
			S00432371	36.0	36.88	0.88	0.0271	0.516	0.4671	0.507	0.553	0.46
			S00432372	36.88	37.89	1.01	0.023	0.4833	0.4486	0.368	0.506	0.44
			S00432373	37.89	39.0	1.11	0.0173	0.4142	0.3329	0.257	0.452	0.33
			Mineralization 33.76-37.57: ~8-10% finely disseminated PoCpy 37.57-39.0: ~5% finely disseminated PoCpy with quartz-carbonate vein hosted Cpy									
Structure 38.99-39.0: Lower contact; Lower contact is gradational												
39	46	3A - Nipissing gabbro	S00432374	39.0	40.44	1.44	0.00487	0.0103	0.0195	0.006	0.013	0.005
Similar to that described from 12-34m. Interval is cut by 0.1-0.5cm light grey and brown, quartz-carbonate veins ~25-55 DTCA. Sulphides occur as ~0.25-0.5% quartz-carbonate vein hosted CpyPo with ~2-3% disseminated PoCpy within 30cm of lower contact. Lower contact is gradational, marked by darker coloured unit associated with increased sulphide content.			S00432375	40.44	41.89	1.45	0.00472	0.0098	0.0139	0.0025	0.009	0.005
			S00432376	41.89	42.28	0.39	0.00476	0.0125	0.0128	0.0025	0.008	0.005
			S00432377	42.28	44.77	2.49	0.00484	0.0063	0.0152	0.005	0.009	0.005
			S00432378	44.77	45.37	0.6	0.0045	0.0116	0.0171	0.0025	0.01	0.01
			S00432380	45.37	45.53	0.16	0.00532	1.0191	0.0563	0.024	0.056	0.03
			S00432381	45.53	45.86	0.33	0.00451	0.064	0.0205	0.011	0.007	0.005
			S00432382	45.86	46.94	1.08	0.0206	0.5513	0.4051	0.267	0.559	0.45
Mineralization 41.5-41.65: ~0.5% quartz carbonate vein hosted Cpy 45.37-45.53: ~10% quartz-carbonate vein hosted Cpy 45.86-48.0: ~10% disseminated PoCpy												
Alteration 41.66-46.15: Weak moderate, patchy hematite alteration												
Structure 41.57-41.61: Veins; ~4cm wide quartz-carbonate vein ~40 DTCA 45.44-45.48: Veins; ~4cm wide quartz-carbonate vein ~50 DTCA 45.99-46.0: Lower contact; Lower contact is gradational												

Project: Project				Hole Number: MMC-21-29								
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
46	70.25	4B - Melagabbro	S00432382	45.86	46.94	1.08	0.0206	0.5513	0.4051	0.267	0.559	0.45
Similar to that described from 34-39m. Interval is cut by 0.1-30cm brown to light grey quartz-carbonate veins ~10-65 DTCA. Overall sulphides occur disseminated PoCpy ~5-10% with up to 10-15% locally (50-52m). ~0.5% quartz-carbonate vein/fracture controlled PoCpy with up to 8-10% locally at the decimeter scale (i.e., 56.8-57m). Lower contact is gradational, marked by lighter coloured unit associated with lower sulphide content.			S00432383	46.94	48.0	1.06	0.0249	0.6096	0.4802	0.204	0.459	0.42
			S00432384	48.0	48.68	0.68	0.0257	0.6062	0.4652	0.368	0.666	0.52
			S00432385	48.68	49.4	0.72	0.0259	0.6056	0.4503	0.369	0.555	0.43
			S00432386	49.4	50.03	0.63	0.0256	0.5607	0.4594	0.274	0.502	0.41
Mineralization			S00432387	50.03	51.0	0.97	0.029	0.5434	0.4994	0.299	0.617	0.48
45.86-48.0: ~10% disseminated PoCpy			S00432388	51.0	52.0	1	0.03	0.5255	0.491	0.239	0.526	0.42
48.0-50.03: ~5-8% disseminated PoCpy			S00432389	52.0	53.0	1	0.0279	0.6596	0.4281	0.328	0.622	0.5
50.03-51.0: ~15% disseminated PoCpy			S00432391	53.0	54.0	1	0.0311	0.6883	0.5111	0.303	0.597	0.47
51.0-55.11: ~5-8% disseminated PoCpy			S00432392	54.0	55.11	1.11	0.0338	0.3924	0.509	0.393	0.635	0.5
55.11-56.77: ~8-10% disseminated PoCpy			S00432393	55.11	55.87	0.76	0.0317	0.6728	0.5173	0.396	0.56	0.5
56.77-57.33: ~3-5% quartz-carbonate vein hosted PoCpy			S00432394	55.87	56.77	0.9	0.0371	0.4944	0.5836	0.4	0.61	0.56
57.33-58.77: ~5% disseminated PoCpy and ~1-2% fracture fill hosted CpyPo			S00432395	56.77	57.33	0.56	0.0184	0.5803	0.2829	0.239	0.289	0.18
58.77-59.53: ~5% disseminated PoCpy, and ~3% quartz-carbonate vein hosted CpyPo			S00432396	57.33	58.77	1.44	0.0328	0.6182	0.5186	0.448	0.646	0.57
59.53-60.88: ~8-10% disseminated PoCpy			S00432397	58.77	59.53	0.76	0.0245	0.5669	0.3759	0.337	0.548	0.51
60.88-61.1: ~5-8% quartz-carbonate vein hosted CpyPo			S00432398	59.53	60.18	0.65	0.0259	0.4495	0.4678	0.385	0.585	0.48
61.1-66.0: ~10% disseminated PoCpy			S00432399	60.18	60.88	0.7	0.0247	0.6696	0.455	0.382	0.565	0.56
66.0-67.0: ~5-8% disseminated PoCpy			S00432401	60.88	61.1	0.22	0.0594	0.8967	0.4668	0.343	0.614	0.36
67.0-69.0: ~8-10% disseminated PoCpy. Mineralization is patchy			S00432402	61.1	62.17	1.07	0.0235	0.557	0.4147	0.3	0.515	0.4
69.0-70.25: ~10% disseminated PoCpy			S00432403	62.17	63.1	0.93	0.0261	0.5303	0.4451	0.232	0.522	0.44
Alteration			S00432404	63.1	64.09	0.99	0.0259	0.5688	0.4784	0.239	0.528	0.48
41.66-46.15: Weak moderate, patchy hematite alteration			S00432405	64.09	65.09	1	0.022	0.5786	0.4327	0.228	0.508	0.44
Structure			S00432406	65.09	66.0	0.91	0.0189	0.5372	0.4275	0.259	0.533	0.45
48.77-48.84; ~7cm wide quartz-carbonate vein ~30 DTCA			S00432407	66.0	67.0	1	0.0314	0.3964	0.4552	0.282	0.647	0.52
56.85-57.2: Veins; ~35cm wide quartz-carbonate vein ~10 DTCA			S00432408	67.0	68.0	1	0.0184	0.5935	0.4895	0.292	0.61	0.52
59.07-59.09: Veins; ~2cm wide quartz-carbonate vein ~10 DTCA			S00432409	68.0	69.0	1	0.0268	0.59	0.4341	0.229	0.507	0.43
60.94-61.0: Veins; ~6cm wide quartz-carbonate vein ~ 20 DTCA			S00432411	69.0	70.24	1.24	0.0278	0.5856	0.5381	0.269	0.602	0.52
68.59-68.63: Veins; ~4cm wide quartz-carbonate vein ~25 DTCA			S00432412	70.24	70.66	0.42	0.0376	0.3749	0.5579	0.205	0.458	0.4
70.24-70.25: Lower contact; Lower contact is sharp, however orientation difficult to obtain												

Project: Project			Hole Number: MMC-21-29									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
70.25	70.61	FLT - Fault	S00432412	70.24	70.66	0.42	0.0376	0.3749	0.5579	0.205	0.458	0.4
Fault zone (?). Gabbro is weakly-moderately chloritized with abundant healed fractures and chloritic slickensides. Estimated orientation is ~25-30 DTCA based on slip faces. Contains ~1-2% disseminated PoCpy. Lower contact is obscured by broken core and is marked by transition back into competent gabbro.												
Mineralization												
70.25-70.66: ~1-3% Quartz carbonate vein hosted PoCpy												
Alteration												
70.25-70.62: Weak moderate, pervasive chlorite alteration												
Structure												
70.25-70.6: Fault; See major litho												
70.6-70.61: Lower contact; Lower contact is sharp, ~35 DTCA												
70.61	80	4B - Melagabbro	S00432412	70.24	70.66	0.42	0.0376	0.3749	0.5579	0.205	0.458	0.4
Same unit as described from 46-70.25m. Overall sulphides occur disseminated PoCpy ~10% with ~0.5% quartz-carbonate vein/fracture controlled PoCpy with up to 3-5% locally at the decimeter scale (i.e., 74.3-74.4m). Lower contact is gradational, marked by lighter coloured unit associated with lower sulphide content.			S00432413	70.66	71.65	0.99	0.0277	0.5861	0.5023	0.292	0.581	0.49
			S00432414	71.65	72.69	1.04	0.0295	0.5739	0.5265	0.269	0.614	0.54
			S00432415	72.69	73.65	0.96	0.0276	0.5661	0.5125	0.261	0.58	0.51
Mineralization			S00432416	73.65	74.66	1.01	0.0269	0.5333	0.486	0.303	0.634	0.56
70.25-70.66: ~1-3% Quartz carbonate vein hosted PoCpy			S00432417	74.66	75.69	1.03	0.0386	0.5831	0.5397	0.257	0.57	0.47
70.66-75.69: ~10% disseminated PoCpy			S00432418	75.69	76.63	0.94	0.0288	0.5622	0.5348	0.259	0.567	0.47
75.69-80.0: ~5-8% disseminated PoCpy			S00432419	76.63	77.6	0.97	0.0306	0.5719	0.5228	0.286	0.603	0.51
Alteration			S00432421	77.6	78.59	0.99	0.0272	0.535	0.4583	0.238	0.55	0.56
70.25-70.62: Weak moderate, pervasive chlorite alteration			S00432422	78.59	79.52	0.93	0.0257	0.5231	0.4377	0.214	0.492	0.47
Structure			S00432423	79.52	80.0	0.48	0.0163	0.3391	0.2782	0.156	0.328	0.27
70.61-70.7: Veins; ~8cm wide quartz-carbonate vein ~35 DTCA												
75.14-75.17: Veins; ~3cm wide quartz-carbonate vein ~40 DTCA												
79.99-80.0: Lower contact; Lower contact is gradational												

Project: Project			Hole Number: MMC-21-29									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
80	115.59	3A - Nipissing gabbro	S00432424	80.0	81.0	1	0.0136	0.2945	0.2475	0.138	0.27	0.26
Similar to that described from 12-34m. Interval is cut by 0.1-0.5cm light grey and brown, quartz-carbonate veins ~15-55 DTCA. Sulphides occur as ~0.25-0.5% quartz-carbonate vein hosted CpyPo; locally up to 10% at the decimeter scale. ~3-5% disseminated PoCpy occurs in patches up to 0.5m wide. Lower contact is sharp, ~20 DTCA.			S00432425	81.0	81.57	0.57	0.00473	0.0397	0.0205	0.012	0.024	0.02
			S00432426	81.57	82.23	0.66	0.00491	0.0785	0.0162	0.006	0.0025	0.005
			S00432427	82.23	82.4	0.17	0.0076	0.5818	0.0432	0.01	0.007	0.005
Mineralization			S00432428	82.4	83.22	0.82	0.00425	0.0425	0.033	0.016	0.028	0.02
80.0-81.0: ~3-5% disseminated PoCpy			S00432429	83.22	84.0	0.78	0.00805	0.2628	0.0921	0.102	0.205	0.18
81.0-82.23: ~1-3% quartz-carbonate vein hosted PoCpy			S00432431	84.0	84.45	0.45	0.00786	0.4068	0.0855	0.1	0.188	0.16
82.23-82.4: ~5% quartz-carbonate vein hosted CpyPo			S00432432	84.45	84.79	0.34	0.0118	0.2857	0.1842	0.173	0.303	0.25
82.4-84.0: ~3-5% disseminated PoCpy, and ~1-3% quartz-carbonate vein hosted CpyPo			S00432433	84.79	85.15	0.36	0.00548	0.0407	0.0526	0.037	0.068	0.06
84.0-84.45: ~5-7% quartz-carbonate vein hosted CpyPo			S00432434	85.15	85.91	0.76	0.00971	0.2938	0.1697	0.135	0.271	0.23
84.45-87.0: ~3-5% disseminated PoCpy, mineralization is patchy			S00432435	85.91	87.0	1.09	0.00835	0.1691	0.1255	0.077	0.162	0.13
87.0-89.17: ~1% quartz-carbonate vein hosted CpyPo			S00432436	87.0	88.24	1.24	0.00551	0.0216	0.0242	0.009	0.022	0.02
89.17-94.37: ~5-7% disseminated PoCpy, mineralization is patchy			S00432437	88.24	89.17	0.93	0.00637	0.094	0.0663	0.045	0.085	0.07
94.37-96.0: ~1% fracture fill CpyPo			S00432438	89.17	89.7	0.53	0.0107	0.2353	0.196	0.112	0.226	0.19
99.0-101.45: ~0.5% fracture fill Po			S00432439	89.7	91.05	1.35	0.00923	0.1543	0.1394	0.082	0.155	0.13
101.45-103.57: ~1-2% quartz-carbonate vein hosted PoCpy			S00432441	91.05	92.0	0.95	0.00855	0.115	0.0949	0.051	0.114	0.1
Alteration			S00432442	92.0	93.48	1.48	0.0113	0.1817	0.183	0.1	0.211	0.18
88.28-91.5: Weak, patchy chlorite alteration			S00432443	93.48	94.16	0.68	0.0136	0.5797	0.1846	0.18	0.323	0.27
94.45-101.23: Weak, pervasive chlorite alteration			S00432444	94.16	94.73	0.57	0.00552	0.113	0.0408	0.044	0.078	0.07
101.23-103.4: Weak moderate, pervasive chlorite alteration			S00432445	94.73	96.0	1.27	0.0046	0.0421	0.0196	0.006	0.011	0.01
103.4-115.59: Weak, pervasive chlorite alteration			S00432446	96.0	97.4	1.4	0.00474	0.0152	0.0116	0.0025	0.006	0.005
Structure			S00432447	97.4	98.78	1.38	0.0047	0.0115	0.0108	0.0025	0.012	0.01
81.0-81.51: Veins; mm-scale quartz-carbonate vein bisecting core ~0 DTCA			S00432448	98.78	100.08	1.3	0.00507	0.015	0.0168	0.0025	0.01	0.005
82.27-82.53: Veins; ~26cm wide brecciated quartz-carbonate vein ~55 DTCA			S00432449	100.08	101.45	1.37	0.0047	0.0093	0.0157	0.0025	0.015	0.02
89.05-89.07: Veins; ~2cm wide quartz-carbonate ~15 DTCA			S00432451	101.45	102.0	0.55	0.00699	0.0301	0.0277	0.007	0.013	0.01
94.06-94.25: Veins; Quartz-carbonate vein running parallel to core axis, slightly off center of core axis to determine true thickness			S00432452	102.0	102.85	0.85	0.00736	0.0263	0.0267	0.0025	0.011	0.01
100.23-103.5: Veins; Quartz-carbonate vein running subparallel to core axis causing bisected core and brittle intervals			S00432453	102.85	103.57	0.72	0.00628	0.0145	0.0214	0.0025	0.008	0.005
106.13-106.18: Veins; ~5cm wide quartz-carbonate vein ~25 DTCA			S00432454	103.57	105.0	1.43	0.00444	0.0126	0.0135	0.0025	0.014	0.01
115.58-115.59: Lower contact; Lower contact is sharp, ~20 DTCA			S00432455	114.08	115.59	1.51	0.00467	0.0091	0.0122	0.0025	0.014	0.01

Project:		Project										Hole Number: MMC-21-29				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)				
115.59	117.19	QCV - Quartz-carbonate Vein	S00432456	115.59	116.47	0.88	0.00069	0.0047	0.003	0.0025	0.0025	0.005				
Quartz-carbonate veining. Massive to brecciated, blue to light grey/white quartz. Moderate fracture filling chlorite alteration present. Tan brown carbonate present, with local comb textures. Unit contains ~0.5% quartz-carbonate vein hosted Cpy. Most mineralization is seen on fracture faces, not on edges of core. Lower contact is sharp, ~20 DTCA.			S00432457	116.47	117.19	0.72	0.00163	0.0118	0.0077	0.0025	0.0025	0.005				
Mineralization																
116.47-117.19: ~0.01% quartz-carbonate vein hosted Cpy																
Alteration																
115.59-118.61: Moderate to moderate/strong pervasive chlorite alteration																
Structure																
115.59-117.18: Veins; See major litho																
117.18-117.19: Lower contact; Lower contact is sharp, ~20 DTCA.																
117.19	118.12	4C - Quartz gabbro	S00432458	117.19	118.12	0.93	0.00705	0.0277	0.0277	0.0025	0.013	0.01				
Quartz-gabbro. Fine grained, medium to dark green, massive, non-magnetic. Unit consists of ~65% amphibole, ~25% plagioclase, and ~10% quartz. Unit has patches of weak to moderate/strong chlorite alteration. Small cm-scale quartz fragments from surrounding veins are included. ~0.1% quartz-carbonate vein hosted Cpy is present. Lower contact is sharp, ~30 DTCA.																
Mineralization																
117.6-118.61: ~0.5% quartz-carbonate vein hosted Cpy																
Alteration																
115.59-118.61: Moderate to moderate/strong pervasive chlorite alteration																
Structure																
117.19-117.3: Blocky core; Blocky broken core																
118.11-118.12: Lower contact; lower contact is sharp, ~30 DTCA																
118.12	118.61	QCV - Quartz-carbonate Vein	S00432459	118.12	118.61	0.49	0.00387	0.0027	0.037	0.0025	0.012	0.01				
Similar to that described from 115.59m-117.19m. Unit is brecciated, with pervasive moderate chlorite alteration. ~0.01% quartz-carbonate vein hosted Cpy. Lower contact is sharp and irregular.																
Mineralization																
117.6-118.61: ~0.5% quartz-carbonate vein hosted Cpy																
Alteration																
115.59-118.61: Moderate to moderate/strong pervasive chlorite alteration																
Structure																
118.12-118.6: Veins; See major litho																
118.6-118.61: Lower contact; Lower contact is sharp but irregular due to breaking																

Project: Project							Hole Number: MMC-21-29					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
118.61	148.9	4C - Quartz gabbro	S00432461	118.61	119.82	1.21	0.00807	0.0597	0.0269	0.013	0.039	0.03
Similar to that described from 117.19m-118.12m. Quartz-gabbro. Fine grained, medium green grey, massive, non-magnetic. Unit consists of ~65% amphibole, ~10% plagioclase, and ~10% quartz. A ~15cm wide quartz vein is present between 122m-123m. Unit has ~5-8% finely disseminated PoCpy from 120.33m-122.53m. ~5-7% quartz-carbonate vein hosted PoCpy from 122.53m-122.8m. ~7-10% finely disseminated PoCpy from 124.6m-127.5m. ~3-5% finely disseminated PoCpy from 127.5m-129.9m. ~2-3% quartz-carbonate vein hosted CpyPo from 129.9m-130.5m. From 144m to end of unit, the core has wispy chlorite veins at ~20-30 DTCA. Lower contact is sharp, ~90 DTCA.			S00432462	119.82	120.3	0.48	0.00554	0.0096	0.0123	0.0025	0.013	0.005
			S00432463	120.3	121.09	0.79	0.0182	0.4337	0.2959	0.181	0.408	0.39
			S00432464	121.09	122.53	1.44	0.0297	0.5208	0.4921	0.233	0.482	0.43
			S00432465	122.53	122.86	0.33	0.0182	0.9365	0.2381	0.121	0.192	0.17
		Mineralization	S00432466	122.86	124.12	1.26	0.00499	0.0099	0.0145	0.0025	0.014	0.01
		120.33-122.53: ~7-10% finely disseminated PoCpy	S00432467	124.12	124.6	0.48	0.0051	0.0136	0.0138	0.0025	0.018	0.02
		122.53-122.86: ~5-7% quartz-carbonate vein hosted PoCpy	S00432468	124.6	125.36	0.76	0.0143	0.3419	0.2581	0.132	0.32	0.28
		122.86-124.6: ~1-2% finely disseminated PoCpy	S00432469	125.36	126.1	0.74	0.0204	0.4417	0.3935	0.212	0.492	0.43
		124.6-125.36: ~7-10% finely disseminated PoCpy	S00432471	126.1	126.92	0.82	0.0204	0.4973	0.3861	0.217	0.462	0.37
		125.36-126.0: ~10-15% finely disseminated PoCpy	S00432472	126.92	127.7	0.78	0.0211	0.4528	0.3725	0.238	0.435	0.39
		126.0-127.7: ~8-10% finely disseminated PoCpy	S00432474	127.7	128.67	0.97	0.0214	0.45	0.3909	0.243	0.423	0.41
		127.7-128.67: ~5-8% finely disseminated PoCpy	S00432475	128.67	129.61	0.94	0.0206	0.416	0.3598	0.253	0.421	0.36
		128.67-130.54: ~5-8% disseminated PoCpy and ~3-5% quartz carbonate vein hosted CpyPo	S00432476	129.61	130.54	0.93	0.0129	0.2048	0.1974	0.131	0.262	0.2
		131.0-131.5: ~0.01% disseminated Cpy	S00432477	130.54	131.96	1.42	0.00475	0.0164	0.0144	0.006	0.017	0.01
		148.37-148.7: ~0.1-0.5% quartz-carbonate vein hosted Cpy	S00432478	131.96	133.37	1.41	0.00507	0.0103	0.0119	0.0025	0.008	0.01
		Alteration	S00432479	133.37	134.77	1.4	0.00528	0.0113	0.0119	0.0025	0.023	0.02
		119.0-119.82: Weak, pervasive veining of carbonate alteration	S00432481	148.37	148.7	0.33	0.00471	0.0273	0.012	0.0025	0.011	0.005
		122.53-123.0: Moderate, pervasive chlorite alteration										
		135.9-141.0: Weak, pervasive chlorite alteration										
		145.75-145.85: Moderate, pervasive chlorite alteration										
		Structure										
		118.61-119.2: Blocky core; blocky broken core										
		122.63-122.8: Veins; ~17cm wide brecciated quartz carbonate vein										
		128.67-130.4: Veins; Interval of ~2-5mm quartz carbonate stringers ranging from 30-50 DTCA										
		138.72-138.75: Shear; ~3cm wide shear filled with chlorite, ~30 DTCA										
		148.89-148.9: Lower contact; Lower contact is sharp at a chilled margin, ~90 DTCA										

Project: Project	Hole Number: MMC-21-29
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
148.9	169.09	DIA - Diabase	S00432482	152.45	153.51	1.06	0.00575	0.0131	0.0049	0.0025	0.0025	0.005
Diabase gabbro. Fine grained to aphanitic, dark green to green black. Upper margin is marked by a chilled contact. Unit is cut by multiple mm-scale quartz-carbonate stringers at ~15-60 DTCA. Unit contains ~0.01% quartz carbonate vein hosted Cpy from 150m-151m, ~3-5% quartz-carbonate vein hosted Po from 153.5m-153.65m, and ~3-5% quartz-carbonate vein hosted PoCpy from 168.65m-169.09m. Lower contact is sharp, ~80-90 DTCA.												
Mineralization												
150.8-153.51: ~0.1% quartz-carbonate vein hosted Cpy												
153.51-153.7: ~2-3% quartz-carbonate vein hosted Po												
166.25-167.0: ~0.5-1% quartz-carbonate vein hosted PoCpy												
168.78-169.0: ~5-8% quartz-carbonate vein hosted PoCpy												
169.0-170.14: ~5-8% blebby to foliation controlled PoCpy												
Alteration												
168.53-169.09: Weak moderate, pervasive chlorite alteration												
Structure												
168.78-168.84: Veins; ~6cm wide quartz carbonate vein hosting PoCpy mineralization, ~65 DTCA												
168.84-169.02: Shear; ~18cm wide shear zone. ~80 DTCA												
169.08-169.09: Lower contact; Lower contact is sharp, ~80 DTCA												

Project: Project							Hole Number: MMC-21-29					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
169.09	183.07	4C - Quartz gabbro	S00432491	169.09	170.14	1.05	0.0242	0.4272	0.3647	0.198	0.328	0.43
Similar to that described from 117.19m-118.12m. Quartz gabbro. Unit is weakly foliated, as foliation is defined by mineralization, ~80 DTCA. Unit contains blebby to foliation controlled PoCpy with local QCVH PoCpy. ~7-10% foliation controlled to blebby PoCpy from 169.09m-172.8m. ~5-7% quartz-carbonate vein hosted PoCpy from 172.8m-173.05m. ~3-5% foliation and quartz-carbonate vein hosted PoCpy from 173.05m-175.2m. ~10% blebby PoCpy from 175.2-175.5m. ~5-7% blebby to foliation controlled PoCpy from 175.5-177m. ~5% blebby PoCpy from 177-182.4m. ~20% quartz-carbonate vein hosted PoCpy from 182.4-182.63m. Lower contact is sharp and irregular.			S00432492	170.14	171.12	0.98	0.0225	0.3625	0.3375	0.339	0.388	0.32
			S00432493	171.12	172.19	1.07	0.0284	0.458	0.3807	0.237	0.342	0.38
			S00432494	172.19	172.8	0.61	0.0223	0.3054	0.2801	0.248	0.372	0.28
			S00432495	172.8	173.03	0.23	0.0182	0.6085	0.2779	0.079	0.131	0.06
Mineralization			S00432496	173.03	173.68	0.65	0.0135	0.1148	0.1696	0.078	0.142	0.13
169.0-170.14: ~5-8% blebby to foliation controlled PoCpy			S00432497	173.68	174.09	0.41	0.0208	0.0674	0.2741	0.014	0.045	0.005
170.14-172.8: ~7-10% blebby to foliation controlled PoCpy			S00432498	174.09	175.28	1.19	0.0103	0.0677	0.114	0.065	0.106	0.08
172.8-173.05: ~5-8% quartz-carbonate vein hosted PoCpy			S00432499	175.28	175.43	0.15	0.0542	2.2262	0.5524	0.304	0.71	0.32
173.05-175.14: ~5% foliation controlled and ~3% quartz-carbonate vein hosted PoCpy			S00432501	175.43	176.06	0.63	0.0205	0.2599	0.231	0.167	0.265	0.51
175.14-175.43: ~10% foliation controlled to net textured PoCpy			S00432502	176.06	177.0	0.94	0.0131	0.1016	0.1327	0.07	0.112	0.11
175.43-177.0: ~5-7% foliation controlled to weakly blebby PoCpy			S00432503	177.0	178.0	1	0.0171	0.2196	0.1776	0.177	0.316	0.24
177.0-182.4: ~5-7% disseminated and ~3% quartz-carbonate vein hosted PoCpy			S00432504	178.0	178.87	0.87	0.0123	0.1661	0.1185	0.103	0.131	0.12
182.4-182.65: ~10-15% quartz-carbonate vein hosted and disseminated PoCpy			S00432505	178.87	179.64	0.77	0.0166	0.1714	0.1977	0.221	0.208	0.24
182.65-183.07: ~3-5% disseminated PoCpy			S00432506	179.64	180.52	0.88	0.00974	0.1949	0.1127	0.133	0.137	0.12
Alteration			S00432507	180.52	180.76	0.24	0.0148	0.2834	0.1941	0.121	0.122	0.11
169.09-179.17: Weak, pervasive chlorite alteration			S00432508	180.76	181.77	1.01	0.0102	0.1365	0.1008	0.176	0.126	0.11
179.17-179.4: Weak moderate, pervasive chlorite alteration			S00432509	181.77	182.4	0.63	0.0239	0.0851	0.2727	0.193	0.18	0.17
179.4-183.07: Weak, pervasive chlorite alteration			S00432511	182.4	182.66	0.26	0.0648	0.7974	0.8525	0.155	0.178	0.19
Structure			S00432513	182.66	183.06	0.4	0.0129	0.1103	0.0961	0.148	0.197	0.16
172.78-173.05: Veins; ~27cm wide quartz carbonate vein with irregular margins			S00432514	183.06	183.64	0.58	0.0188	0.0982	0.2656	0.034	0.05	0.05
173.71-173.87: Veins; ~16cm wide quartz carbonate vein, ~50 DTCA												
173.87-180.73: Foliation; Interval of foliation, ~70 DTCA												
179.18-179.4: Shear; ~22cm wide shear zone at ~45 DTCA												
180.73-180.78: Veins; Quartz carbonate vein ~40 DTCA												
183.06-183.07: Lower contact; Lower contact is sharp and irregular												

Project:		Project										Hole Number: MMC-21-29				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)				
183.07	183.64	QC - Quartz-carbonate Vein	S00432514	183.06	183.64	0.58	0.0188	0.0982	0.2656	0.034	0.05	0.05				
<p>Similar to that described from 115.59m-117.19m. Brecciated quartz-carbonate vein. Acicular black amphibole crystals present between massive quartz in moderately chlorite alteration zones. ~7-10% quartz-carbonate vein hosted PoCpy. Lower contact is sharp and ~perpendicular to core axis.</p> <p>Mineralization 183.07-183.64: ~7-10% quartz-carbonate vein hosted PoCpy</p> <p>Alteration 183.07-183.64: Weak moderate, pervasive chlorite alteration</p> <p>Structure 183.07-183.63: Veins; See major litho 183.63-183.64: Lower contact; Lower contact is sharp and irregular</p>																
183.64	190.35	4C - Quartz gabbro	S00432515	183.64	184.53	0.89	0.0209	0.1409	0.2478	0.116	0.123	0.13				
<p>Similar to that described from 117.19m-118.112m. Fine grained, medium grey, massive, non-magnetic. Unit contains ~5-7% blebby to disseminated PoCpy from 183.64m-184.6m, and ~0.1% disseminated PoCpy to 190.35m. Lower contact is sharp, ~60 DTCA.</p> <p>Mineralization 183.64-184.53: ~7-10% disseminated PoCpy 184.53-190.35: ~1% disseminated PoCpy</p> <p>Structure 190.34-190.35: Lower contact; Lower contact is sharp, ~60 DTCA</p>																
S00432516	184.53	185.28	0.75	0.00492	0.0201	0.0243	0.007	0.005	0.005							
S00432517	185.28	186.38	1.1	0.00402	0.0129	0.0055	0.01	0.006	0.005							
S00432518	186.38	187.59	1.21	0.00393	0.0135	0.0049	0.009	0.005	0.005							
S00432519	187.59	188.65	1.06	0.00391	0.0104	0.0046	0.011	0.0025	0.005							
S00432521	188.65	190.01	1.36	0.00349	0.0092	0.0035	0.005	0.0025	0.005							
190.35	193.78	1A - Quartzite	S00432522	192.0	192.42	0.42	0.00037	0.0052	0.0005	0.0025	0.0025	0.005				
<p>Quartzite. Massive, grey pink, fine grained, non-magnetic. Unit contains patchy black green spots, mm in size. ~0.01-0.1% disseminated Po. Lower contact is sharp, ~90 DTCA.</p> <p>Mineralization 192.0-192.42: ~0.1% disseminated Po</p> <p>Structure 193.77-193.78: Lower contact; Lower contact is sharp, ~90 DTCA</p>																

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
193.78	203.32	4D - Biotite quartz diorite	S00432523	195.38	195.84	0.46	0.00372	0.0101	0.0071	0.022	0.007	0.005
Quartz diorite? Fine grained, blue grey to green grey, weak to moderate foliation. Unit contains ~50% amphibole, ~30% plagioclase, and ~20% quartz. Unit is cut by ~3-4cm wide quartz-carbonate vein with ~3-5% Po over a 50cm interval. Unit experiences moderate to weak/moderate chlorite alteration. The core is marked up from drill grinding, making features more difficult to determine. Lower contact is sharp, ~60 DTCA			S00432524	195.84	196.97	1.13	0.00353	0.0131	0.0038	0.01	0.0025	0.005
			S00432525	198.53	198.77	0.24	0.00444	0.0205	0.0123	0.013	0.007	0.005

Mineralization

193.78-198.0: ~1-3% foliation controlled Po

198.53-198.77: ~3-5% quartz-carbonate vein hosted PoCpy

Alteration

195.0-216.47: Weak moderate, pervasive chlorite alteration

Structure

193.78-198.66: Foliation; Foliation ~45-60 DTCA

198.66-198.71: Veins; ~5cm wide quartz-carbonate vein ~30 DTCA

198.71-203.31: Foliation; foliation ~45-60 DTCA

203.31-203.32: Lower contact; Lower contact is sharp, ~60 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
203.32	289.47	1B - Siltstone	S00432526	204.0	204.43	0.43	0.00673	0.0084	0.0079	0.006	0.0025	0.005
Siltstone. Fine grained, bedded from ~65-45 DTCA until ~226m when the bedding switches to ~15-30 DTCA, light grey siltstone with 1-3mm laminated beds of ?sandstone? and local 3-5mm sandstone beds. After 226m, beds can become up to 3.5m in thickness. Dark sandstone beds display fine grained black amphiboles. Unit is cut by mm-scale quartz carbonate veins following bedding orientation with ~0.1% Po. Unit experiences weak to weak/moderate pervasive chlorite alteration. Alteration is less frequent in larger beds. Lower contact is sharp, ~55 DTCA.												
			S00432527	204.43	205.56	1.13	0.00481	0.0084	0.0083	0.005	0.0025	0.005
			S00432528	205.56	207.0	1.44	0.00355	0.0051	0.0073	0.005	0.0025	0.005
			S00432529	258.74	259.49	0.75	0.00218	0.0064	0.0054	0.0025	0.0025	0.005
			S00432531	259.49	259.74	0.25	0.00303	0.0062	0.0055	0.006	0.0025	0.005
			S00432532	259.74	261.0	1.26	0.00245	0.0077	0.0066	0.005	0.0025	0.005
			S00432533	267.95	268.3	0.35	0.00236	0.0076	0.0066	0.008	0.0025	0.005
			S00432534	286.11	286.43	0.32	0.00213	0.0047	0.0049	0.011	0.0025	0.005
			S00432535	286.43	287.11	0.68	0.00158	0.0046	0.0043	0.009	0.0025	0.005
			S00432536	287.11	288.0	0.89	0.00217	0.0074	0.0047	0.008	0.0025	0.005
			S00432537	288.0	288.8	0.8	0.00234	0.0079	0.0068	0.015	0.0025	0.005
			S00432538	288.8	289.47	0.67	0.00227	0.0038	0.0045	0.0025	0.0025	0.005

Mineralization

- 204.0-204.5: ~0.5% quartz-carbonate vein hosted Po
- 210.0-210.5: ~0.1% quartz-carbonate vein hosted Po
- 214.0-215.0: ~0.1% disseminated Po
- 233.79-234.0: ~0.01% quartz-carbonate vein hosted Po
- 258.0-261.0: ~0.1-0.5% quartz carbonate vein hosted Po
- 267.95-268.3: ~0.01% quartz-carbonate vein hosted Po
- 285.0-288.0: ~0.1% quartz carbonate vein hosted Po

Alteration

- 195.0-216.47: Weak moderate, pervasive chlorite alteration
- 216.47-231.32: Weak, pervasive chlorite alteration
- 231.32-252.3: Weak moderate, pervasive chlorite
- 252.3-289.47: Weak, pervasive chlorite alteration

Structure

- 203.75-203.8: Blocky core; blocky core, possibly from drill
- 203.8-222.0: Blocky core; bedding and lamination of sandstone in siltstone. Ranges from ~65-45 DTCA. Blocky broken core occurs from 208.77m-208.87m.
- 222.0-241.0; bedding of siltstone ~25 DTCA
- 241.0-242.33; bedding of siltstone ~50 DTCA
- 245.72-274.0: Blocky core; bedding of siltstone varies between ~20-30 DTCA, and blocky core between 266m-267m.
- 274.0-288.8; bedding of siltstone ~15-25 DTCA.
- 288.8-289.46; bedding ~10DTCA
- 289.46-289.47: Lower contact; lower contact is sharp, ~55 DTCA

Project:		Project											Hole Number: MMC-21-29				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
289.47	290.2	QCV - Quartz-carbonate Vein Quartz carbonate vein. Massive, white grey quartz with patchy fracture fill chlorite alteration. ~3-5% quartz-carbonate vein hosted PoCpy. Lower contact is sharp, ~45 DTCA.	S00432539	289.47	290.23	0.76	0.00132	0.0091	0.0039	0.0025	0.0025	0.005					
Mineralization																	
289.47-290.2: ~3-5% quartz carbonate vein hosted PoCpy																	
Alteration																	
289.47-321.0: Weak moderate, pervasive chlorite alteration																	
Structure																	
289.47-290.19: Veins; see major litho																	
290.19-290.2: Lower contact; lower contact is sharp, ~45 DTCA																	
290.2	319	1B - Siltstone Similar to that described from 203.32m-289.47m. Fine grained, grey green siltstone. Unit is finely bedded with beds ~mm-3cm wide at ~20-35 DTCA steepening downhole. Weak to moderate pervasive chlorite alteration. Interference of beds is seen causing sections to appear as donuts. Lower contact is sharp, ~25 DTCA.	S00432539	289.47	290.23	0.76	0.00132	0.0091	0.0039	0.0025	0.0025	0.005					
			S00432541	290.23	291.0	0.77	0.00233	0.0031	0.0055	0.016	0.0025	0.005					
			S00432542	291.0	291.75	0.75	0.00284	0.0063	0.0076	0.014	0.0025	0.005					
			S00432543	291.75	293.0	1.25	0.00186	0.0029	0.0044	0.01	0.0025	0.005					
			S00432544	293.0	294.14	1.14	0.00236	0.0035	0.0048	0.006	0.0025	0.005					
			S00432545	294.14	294.44	0.3	0.00773	0.0469	0.039	0.03	0.006	0.005					
			S00432546	294.44	295.65	1.21	0.00318	0.0048	0.0062	0.006	0.0025	0.005					
			S00432547	295.65	296.0	0.35	0.0027	0.0053	0.007	0.005	0.0025	0.005					
			S00432548	296.0	297.44	1.44	0.00235	0.0054	0.0064	0.007	0.0025	0.005					
			S00432549	302.28	302.53	0.25	0.00261	0.0043	0.0071	0.006	0.0025	0.005					
Mineralization																	
294.0-294.44: ~1-3% quartz carbonate vein hosted Po																	
302.0-303.0: ~0.01% quartz carbonate vein hosted Po																	
Alteration																	
289.47-321.0: Weak moderate, pervasive chlorite alteration																	
Structure																	
290.2-318.99; bedding ~20-35 DTCA																	
318.99-319.0: Lower contact; Lower contact is sharp, ~25 DTCA																	
319	319.4	FLT - Fault Fault zone. Soft grey green gouge present in very broken bedded siltstone. ~25 DTCA is an estimated orientation based on slip surfaces from largest chunks. Lower contact is marked by the end of gouge and the transition back into more competent core.															
Alteration																	
289.47-321.0: Weak moderate, pervasive chlorite alteration																	
Structure																	
319.0-319.39: Fault; Fault ~25 DTCA as determined by slip faces and broken brittle core																	
319.39-319.4: Lower contact; Lower contact is sharp, ~25 DTCA																	

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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319.4 320.99 1B - Siltstone

Similar to that described from 203.32m-289.47m. Grey green to grey blue siltstone, bedded ~35 DTCA. Beds are 3-5mm wide of dark grey brown ?sandstone?. Unit experiences weak to moderate chlorite alteration. Features of the core can be difficult to determine based on the grinding from the drill over chloritized core. ~0.01% fracture fill Po present, only seen on fracture faces.

Alteration

289.47-321.0: Weak moderate, pervasive chlorite alteration

Structure

319.4-321.0; Bedding ~25 DTCA

320.99 321

Alteration

289.47-321.0: Weak moderate, pervasive chlorite alteration

Structure

319.4-321.0; Bedding ~25 DTCA

Project: Project		Hole Number: MMC-21-30					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Sep-03-2021	Drilling Started: Aug-28-2021	Type: Planned			
Hole Size: NQ	Claim Number:	Logging Completed: Sep-09-2021	Drilling Completed: Aug-30-2021	Grid: NAD83 / UTM zone 17N			
Purpose: Exp	Planned Depth: 300	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis	Easting: 436003			
Casing: Mt	Actual Depth: 279			Northing: 5133219			
Elevation: 277							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	12	OB - Overburden										
12	53.84	3A - Nipissing gabbro	S00432551	27.0	28.35	1.35	0.00475	0.0078	0.012	0.006	0.009	0.005
Generic gabbro. Fine to locally medium grained, grey green, massive, non-magnetic. Unit contains ~70-75% amphibole and ~25-30% plagioclase +/- <5% quartz. Unit is cut by mm-scale quartz-carbonate stringers at ~30 DTCA, with local veins up to ~7cm. Unit has pervasive hematite/bleaching alteration until ~40m where it becomes patchy. Select quartz-carbonate stringers contain trace (~0.01% over a 50cm area) Cpy. ~0.1-0.5% quartz-carbonate vein hosted Cpy from 28.35m-29m. Lower contact is sharp, ~20 DTCA.			S00432552	28.35	28.96	0.61	0.0042	0.0076	0.0106	0.006	0.009	0.005
			S00432553	28.96	30.0	1.04	0.0053	0.0097	0.0117	0.005	0.012	0.005
			S00432554	45.8	46.0	0.2	0.00422	0.0053	0.0124	0.0025	0.006	0.005

Mineralization

15.0-15.2: ~0.01-0.1% quartz-carbonate vein hosted Cpy

28.35-29.0: ~0.1-0.5% quartz-carbonate vein hosted Cpy

Alteration

13.8-16.0: Weak, patchy hematite alteration

16.0-20.3: Weak moderate, pervasive hematite alteration

27.0-40.0: Weak moderate, pervasive hematite alteration

Structure

12.0-13.75: Blocky core; Blocky core following casing

14.6-15.0: Blocky core; blocky core following casing

25.19-25.31: Veins; ~12cm wide quartz carbonate vein~80 DTCA

53.83-54.83: Lower contact; Lower contact is sharp, ~20 DTCA

Project: Project		Hole Number: MMC-21-30
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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53.84 55.27 QCV - Quartz-carbonate Vein

Quartz carbonate vein. Brown tan carbonate with dark grey blue quartz. Vein crosses generic gabbro. Gabbro is clearly visible as the vein doesn't cover entire core. Carbonate seems to wrap the gabbro. Of the interval, ~50% is carbonate vein. Weak fracture fill hematite alteration present. No observed mineralization. Lower contact is sharp, ~15 DTCA.

Alteration

53.84-55.27: Moderate, carbonate alteration (or classified as a vein)

Structure

53.83-54.83: Lower contact; Lower contact is sharp, ~20 DTCA

54.83-55.26: Veins; See major litho

55.26-55.27: Lower contact; Lower contact is sharp, ~15 DTCA

55.27 79.65 3A - Nipissing gabbro

Similar to that described from 12m-53.84m. Small ~1-2cm wide chlorite seams are present between 64m-71m. Quartz-carbonate stringers orientated at 30-50DTCA. Lower contact is sharp, ~35 DTCA.

S00432555	76.94	77.22	0.28	0.0028	0.0008	0.011	0.0025	0.006	0.005
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Alteration

59.0-61.0: Weak, patchy hematite alteration

63.1-64.0: Weak, patchy hematite alteration

76.35-79.8: Weak moderate, patchy hematite, and weak pervasive chlorite alteration

Structure

64.18-64.44: Blocky core; Interval of blocky core, broken along planes at ~20 DTCA

76.94-77.22: Veins; Quartz-carbonate vein at ~50 DTCA

79.64-79.65: Lower contact; Lower contact is sharp, ~35 DTCA

79.65 79.78 FLT - Fault

?Fault zone? Interval of broken rubbly core with soft green chlorite faces, which could be fault gouge. No observed mineralization. Lower contact is sharp, ~35 DTCA.

Alteration

76.35-79.8: Weak moderate, patchy hematite, and weak pervasive chlorite alteration

Structure

79.65-79.77: Fault; See major litho

79.77-79.78: Lower contact; Lower contact is sharp, ~35 DTCA

Project: Project			Hole Number: MMC-21-30									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
79.78	123.1	3A - Nipissing gabbro	S00432556	88.58	89.56	0.98	0.00473	0.0116	0.0112	0.006	0.01	0.005
Similar to that described from 12m-53.84m. Fine grained, green grey, massive, non-magnetic. Unit is cut by multiple ~2cm wide quartz-carbonate veins at ~45-50 DTCA. From 89.4m-92.44m and 101m-102m, ~0.01-0.1% quartz-carbonate vein hosted Cpy is present. Blocky core is present from 80.63m-81m with indication of drill grind. Lower contact is gradational, marked by a decrease in plagioclase			S00432557	89.56	90.67	1.11	0.00468	0.0066	0.0111	0.005	0.01	0.005
			S00432558	90.67	91.65	0.98	0.00534	0.0086	0.0123	0.0025	0.01	0.005
			S00432559	91.65	92.04	0.39	0.00473	0.0101	0.011	0.011	0.009	0.005
Mineralization			S00432561	92.04	92.77	0.73	0.0047	0.0091	0.0108	0.006	0.009	0.005
89.4-92.77: ~0.5% quartz-carbonate vein hosted Cpy			S00432562	101.5	101.76	0.26	0.00585	0.0189	0.0136	0.006	0.02	0.01
101.5-101.76: ~0.5-1% quartz-carbonate vein hosted Cpy			S00432563	112.88	113.23	0.35	0.00532	0.0203	0.0117	0.006	0.032	0.005
113.0-113.6: ~1% quartz-carbonate vein hosted Cpy			S00432564	113.23	113.83	0.6	0.00528	0.0114	0.0109	0.006	0.018	0.005
Alteration			S00432565	120.28	121.77	1.49	0.00542	0.0059	0.0116	0.007	0.025	0.01
76.35-79.8: Weak moderate, patchy hematite, and weak pervasive chlorite alteration			S00432566	121.77	123.1	1.33	0.00525	0.0072	0.011	0.007	0.036	0.01
100.5-107.4: Weak, pervasive chlorite alteration												
107.4-111.2: Weak moderate, pervasive chlorite and moderate, patchy hematite alteration												
Structure												
80.0-80.26: Veins; Two 1-2cm wide quartz carbonate veins, ~50 DTCA												
80.63-81.0: Blocky core; Blocky core with signs of drill grind causing breaking												
89.0-92.0: Veins; quartz carbonate stringers ~45-50 DTCA												
107.33-107.4: Slip surfaces; Slip offset of quartz-carbonate vein by ~0.5cm												
113.0-113.1: Blocky core; blocky core												
123.09-123.1: Lower contact; Lower contact is gradational, marked by a decrease in plagioclase												

Project:		Hole Number: MMC-21-30										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
123.1	131.16	4B - Melagabbro	S00432567	123.1	124.0	0.9	0.00515	0.009	0.0118	0.008	0.031	0.005
<p>Melagabbro. Unit is Dark grey/dark green, massive, fine grained, non-magnetic. Unit consists of ~80% amphibole, ~10% plagioclase, and ~10% quartz. Unit has weak chlorite alteration. A mottled appearance occurs when mineralization starts. ~10-15% disseminated PoCpy present in the unit. Lower contact is gradational, marked by an increase in plagioclase.</p> <p>Mineralization</p> <p>123.45-123.55: ~2% quartz-carbonate vein hosted PoCpy</p> <p>124.0-124.78: ~0.1% quartz-carbonate vein hosted Cpy</p> <p>124.78-126.95: ~10-15% disseminated PoCpy</p> <p>126.95-127.74: ~8% disseminated PoCpy with ~2-3% quartz-carbonate vein hosted CpyPo</p> <p>127.74-129.45: ~1-2% disseminated PoCpy</p> <p>129.45-131.16: ~10-15% disseminated PoCpy with ~1-2% quartz-carbonate vein hosted CpyPo</p> <p>Alteration</p> <p>125.0-133.0: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>127.0-131.15: Veins; ~1-2%, 0.1-3cm quartz-carbonate veins ~40-55 DTCA</p> <p>131.15-131.16: Lower contact; Lower contact is gradational, marked by an increase in plagioclase.</p>			S00432568	124.0	124.78	0.78	0.00591	0.0456	0.029	0.02	0.054	0.03
			S00432569	124.78	126.0	1.22	0.0164	0.3122	0.2628	0.159	0.426	0.33
			S00432571	126.0	126.95	0.95	0.0169	0.4572	0.339	0.214	0.502	0.4
			S00432572	126.95	127.74	0.79	0.0174	0.4315	0.3405	0.317	0.472	0.38
			S00432573	127.74	128.59	0.85	0.00925	0.1117	0.0967	0.048	0.122	0.09
			S00432574	128.59	129.45	0.86	0.00736	0.098	0.0662	0.046	0.093	0.07
			S00432575	129.45	130.08	0.63	0.0159	0.4042	0.3349	0.243	0.458	0.38
			S00432576	130.08	131.16	1.08	0.0151	0.437	0.3276	0.179	0.434	0.39

DRILL LOG REPORT

Project: Project			Hole Number: MMC-21-30									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
131.16	162.68	4C - Quartz gabbro	S00432577	131.16	132.0	0.84	0.00456	0.0084	0.012	0.007	0.009	0.005
<p>Quartz Gabbro. Unit is fine grained, dark green grey, massive, non-magnetic. Unit consists of ~65% amphibole, ~25% plagioclase, and ~10% quartz. Unit is cut by ~5cm wide quartz carbonate veins at ~50 DTCA. Intensity and visibility of plagioclase is variable over the interval. From 142.58-152.3m, ~7-10% disseminated PoCpy is present, with quartz carbonate veins hosting ~5% CpyPo. From 152.3-155.46m, ~3-5% disseminated PoCpy with ~3% QCVH CpyPo mineralization. And from ~162-162.68m ~3-5% QCVH CpyPo is present. Lower contact is sharp, ~10 DTCA.</p> <p>Mineralization</p> <p>142.58-145.34: ~8-10% disseminated PoCpy</p> <p>145.34-145.73: ~10% disseminated PoCpy with ~3-5% quartz-carbonate vein hosted CpyPo</p> <p>145.73-148.54: ~10% disseminated PoCpy with ~0.5% quartz-carbonate vein hosted CpyPo</p> <p>148.54-148.7: ~10% quartz-carbonate vein hosted CpyPo</p> <p>148.7-154.54: ~8-10% disseminated PoCpy</p> <p>154.54-155.37: ~5-8% disseminated PoCpy with ~2-3% quartz-carbonate vein hosted CpyPo</p> <p>162.0-162.68: ~1-2% quartz-carbonate vein hosted CpyPo</p> <p>Alteration</p> <p>125.0-133.0: Weak, pervasive chlorite alteration</p> <p>158.0-166.68: Weak-moderate, pervasive to fracture filling chlorite alteration</p> <p>Structure</p> <p>131.16-133.0: Veins; ~1-2%, 0.1-3cm quartz-carbonate veins ~40-55 DTCA</p> <p>144.3-144.7: Veins; Two 4cm quartz-carbonate veins ~65 DTCA with ~10% PoCpy</p> <p>148.54-148.7: Veins; ~16cm quartz-carbonate vein ~70-80 DTCA with ~10% Cpy</p> <p>162.67-162.68: Lower contact; Lower contact is sharp ~10 DTCA.</p>			S00432578	132.0	133.0	1	0.00498	0.0104	0.0124	0.03	0.078	0.02
			S00432579	133.0	133.8	0.8	0.0053	0.0118	0.0109	0.006	0.009	0.005
			S00432581	133.8	135.31	1.51	0.00541	0.0133	0.0112	0.006	0.01	0.01
			S00432582	135.31	136.75	1.44	0.00548	0.0133	0.0113	0.0025	0.011	0.005
			S00432583	136.75	138.23	1.48	0.00503	0.0125	0.0129	0.009	0.027	0.01
			S00432584	138.23	139.65	1.42	0.0053	0.0156	0.0121	0.006	0.011	0.005
			S00432585	139.65	141.1	1.45	0.00552	0.0118	0.0134	0.007	0.02	0.01
			S00432586	141.1	142.58	1.48	0.00672	0.0105	0.0141	0.008	0.025	0.01
			S00432587	142.58	143.48	0.9	0.0178	0.3486	0.2898	0.151	0.363	0.3
			S00432588	143.48	144.4	0.92	0.0131	0.3197	0.2443	0.123	0.295	0.28
			S00432589	144.4	145.34	0.94	0.0186	0.4644	0.3979	0.22	0.523	0.45
			S00432591	145.34	145.73	0.39	0.0177	0.5929	0.355	0.231	0.494	0.39
			S00432592	145.73	146.73	1	0.0224	0.5241	0.413	0.211	0.497	0.38
S00432593	146.73	147.73	1	0.0188	0.5596	0.3707	0.222	0.496	0.39			
S00432594	147.73	148.54	0.81	0.0161	0.4241	0.3273	0.173	0.412	0.36			
S00432595	148.54	148.7	0.16	0.0109	1.2437	0.1713	0.096	0.165	0.12			
S00432596	148.7	149.42	0.72	0.0187	0.2691	0.2707	0.17	0.398	0.31			
S00432597	149.42	150.42	1	0.0158	0.5265	0.3586	0.209	0.498	0.42			
S00432598	150.42	151.44	1.02	0.0209	0.4567	0.3827	0.227	0.586	0.42			
S00432599	151.44	152.55	1.11	0.0213	0.4566	0.3936	0.215	0.572	0.48			
S00432601	152.55	153.6	1.05	0.0177	0.5675	0.3989	0.249	0.591	0.44			
S00432602	153.6	154.54	0.94	0.0135	0.4222	0.299	0.214	0.473	0.41			
S00432603	154.54	155.37	0.83	0.0195	0.4283	0.2887	0.176	0.437	0.38			
S00432604	155.37	156.62	1.25	0.0055	0.0426	0.0262	0.016	0.04	0.03			
S00432605	156.62	158.04	1.42	0.00515	0.0177	0.0108	0.006	0.021	0.01			
S00432606	158.04	159.43	1.39	0.00528	0.0105	0.0116	0.006	0.019	0.01			
S00432607	159.43	160.87	1.44	0.00504	0.005	0.0157	0.009	0.018	0.01			
S00432608	160.87	162.0	1.13	0.00523	0.0158	0.0143	0.01	0.019	0.02			
S00432609	162.0	162.68	0.68	0.0123	0.2228	0.1979	0.167	0.328	0.27			

Project:		Hole Number: MMC-21-30										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
162.68	164.59	QCV - Quartz-carbonate Vein	S00432611	162.68	163.44	0.76	0.0118	0.3251	0.1283	0.105	0.215	0.17
Quartz carbonate vein. Grey blue quartz is brecciated into a fine grained, green gabbro or diabase. The host rock is weakly chloritized, with alteration around quartz being moderate. ~25% PoCpy quartz-carbonate vein hosted is present over the unit. Lower contact is sharp, ~40 DTCA.			S00432612	163.44	163.99	0.55	0.00606	0.0186	0.0336	0.024	0.047	0.04
			S00432613	163.99	164.59	0.6	0.0532	0.0916	0.6356	0.011	0.039	0.005
Mineralization												
162.68-163.44: 8-10% quartz-carbonate vein hosted PoCpy												
163.97-164.59: ~20-25% quartz-carbonate vein hosted PoCpy												
Alteration												
158.0-166.68: Weak-moderate, pervasive to fracture filling chlorite alteration												
Structure												
162.68-164.58: Veins; See major litho												
164.58-164.59: Lower contact; Lower contact is sharp ~40 DTCA												
164.59	166.95	DIA - Diabase	S00432614	164.59	165.0	0.41	0.00478	0.004	0.0165	0.0025	0.0025	0.005
Diabase. Dark grey-green, fine grained, non magnetic, massive. Weak, pervasive chlorite alteration. Unit is cut by 0.1-0.5cm quartz-carbonate veinlets ~30-40 DTCA. Sulphides occur as 0.01% fracture filling/quartz-carbonate veinlets hosted Cpy. Lower contact is sharp ~30 DTCA.			S00432615	165.0	166.37	1.37	0.00525	0.0286	0.0073	0.005	0.0025	0.005
			S00432616	166.37	167.0	0.63	0.00514	0.0107	0.0049	0.0025	0.0025	0.005
Mineralization												
164.59-166.95: ~0.1% quartz-carbonate vein hosted Cpy												
Alteration												
158.0-166.68: Weak-moderate, pervasive to fracture filling chlorite alteration												
164.59-166.95: Weak, pervasive chlorite alteration												
Structure												
166.94-166.95: Lower contact; Lower contact is sharp ~30 DTCA												
166.95	167.82	QCV - Quartz-carbonate Vein	S00432616	166.37	167.0	0.63	0.00514	0.0107	0.0049	0.0025	0.0025	0.005
Similar to that described from 162.68-164.59m. Massive white grey quartz vein with weak chlorite alteration gabbro or diabase host rock. ~0.1% quartz-carbonate vein hosted Cpy is present. 2-3mm gouge seam (?) occurs at 167.63-167.64m ~35 DTCA. Lower contact is sharp, ~45 DTCA.			S00432617	167.0	167.82	0.82	0.00258	0.0038	0.0067	0.0025	0.0025	0.005
Mineralization												
166.95-167.82: ~0.01% quartz-carbonate vein hosted Cpy												
Structure												
166.95-167.63: Veins; See major litho												
167.63-167.64: Gouge; 2-3mm gouge seam ~35 DTCA												
167.64-167.81: Veins; See major litho												
167.81-167.82: Lower contact; Lower contact is sharp ~45 DTCA												

Project: Project			Hole Number: MMC-21-30									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
167.82	183.85	DIA - Diabase	S00432618	167.82	169.25	1.43	0.00528	0.0115	0.0045	0.0025	0.0025	0.005
Same unit as described from 164.59-166.95m. Unit contains multiple quartz-carbonate-chlorite veins @ 173.85-174.27m (~40 DTCA) - contains ~1-2% PoCpy and 179.53-180m (~30 DTCA)- contains ~10% Po. Quartz veins show localized, stepped offsets by a later generation of veins by ~1-2cm with up to 3 steps. Lower contact is sharp ~50 DTCA.			S00432619	169.25	170.02	0.77	0.00605	0.0166	0.0044	0.0025	0.0025	0.005
			S00432621	170.02	171.0	0.98	0.00597	0.0229	0.0059	0.016	0.0025	0.005
			S00432622	171.0	171.62	0.62	0.00509	0.0079	0.0046	0.0025	0.0025	0.005
Mineralization			S00432623	171.62	171.79	0.17	0.00488	0.017	0.0057	0.0025	0.0025	0.005
167.82-171.62: ~0.01% quartz-carbonate vein hosted PoCpy			S00432624	171.79	172.71	0.92	0.00503	0.008	0.0044	0.0025	0.0025	0.005
171.62-171.79: 5% quartz-carbonate vein hosted Po			S00432625	172.71	173.85	1.14	0.00546	0.0114	0.0053	0.0025	0.0025	0.005
171.79-173.83: ~0.25-0.50% quartz-carbonate vein hosted PoCpy			S00432626	173.85	174.27	0.42	0.00386	0.0091	0.0038	0.0025	0.0025	0.005
173.83-174.27: ~2-3% quartz-carbonate vein hosted PoCpy			S00432627	174.27	174.59	0.32	0.00495	0.0046	0.0047	0.0025	0.0025	0.005
174.59-175.38: ~1-2% quartz-carbonate vein hosted PoCpy			S00432628	174.59	175.38	0.79	0.00546	0.0654	0.0074	0.01	0.0025	0.005
175.38-177.0: ~0.25-0.50% quartz-carbonate vein hosted PoCpy			S00432629	175.38	176.26	0.88	0.00538	0.0144	0.0052	0.0025	0.0025	0.005
179.53-180.0: ~8-10% quartz-carbonate vein hosted PoCpy			S00432631	176.26	177.0	0.74	0.00571	0.0094	0.0054	0.005	0.0025	0.005
180.0-180.91: ~0.50% quartz-carbonate vein hosted CpyPo			S00432632	177.0	178.02	1.02	0.00532	0.009	0.0052	0.0025	0.0025	0.005
Alteration			S00432633	178.02	179.53	1.51	0.00539	0.0075	0.0091	0.0025	0.0025	0.005
167.82-186.35: Weak, pervasive chlorite alteration			S00432634	179.53	180.0	0.47	0.0174	0.0391	0.0528	0.0025	0.012	0.005
Structure			S00432635	180.0	180.91	0.91	0.00633	0.0301	0.01	0.0025	0.0025	0.005
171.68-171.78: Veins; 10cm quartz-carbonate vein ~25 DTCA with ~5-8% PoCpy			S00432636	180.91	182.41	1.5	0.00529	0.0089	0.0063	0.0025	0.0025	0.005
173.85-174.27: Veins; Irregular quartz-carbonate vein ~40 DTCA along upper contact but runs subparallel towards lower contact. Consists ~1-2% PoCpy			S00432637	182.41	183.85	1.44	0.00523	0.0101	0.0061	0.0025	0.0025	0.005
179.53-180.0: Veins; 45cm quartz-carbonate vein ~30 DTCA with ~5% PoCpy												
183.84-183.85: Lower contact; Lower contact is sharp ~50 DTCA												
183.85	186.35	PSEU - Pseudotachylite	S00432638	183.85	184.94	1.09	0.00421	0.0169	0.0241	0.01	0.018	0.01
Pseudotachylite. Fine grained, green grey matrix (~70%)with white blue quartz fragments. ~0.5% disseminated PoCpy with little QCVH mineralization. Lower contact is sharp, ~50 DTCA.			S00432639	184.94	186.4	1.46	0.00573	0.0304	0.0333	0.017	0.033	0.03
Mineralization												
183.85-186.35: ~0.25% disseminated PoCpy with ~0.1% quartz-carbonate vein hosted PoCpy												
Alteration												
167.82-186.35: Weak, pervasive chlorite alteration												
Structure												
183.85-186.35: Lower contact; Lower contact is sharp ~50 DTCA												

Project: Project			Hole Number: MMC-21-30									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
186.35	193.47	4C - Quartz gabbro	S00432639	184.94	186.4	1.46	0.00573	0.0304	0.0333	0.017	0.033	0.03
Quartz gabbro. Dark green, fine-medium grained, massive to weakly foliated ~40-50 DTCA, non magnetic. Consists of ~70% amphibole/pyroxene and ~20-30% plagioclase with <5% fine, blue quartz phenocrysts. Weak-moderate, pervasive chlorite alteration. Interval is cut by 0.1-4cm quartz-carbonate veins ~45-70 DTCA. Sulphides occur up to 10-15% foliation controlled to blebby PoCpy from 189-190.2m. Quartz-carbonate vein hosted PoCpy also occurs ~0.1%. Sulphides transition from foliation controlled to blebby at 190.2m. Lower contact is sharp ~40 DTCA.			S00432641	186.4	187.7	1.3	0.0181	0.0893	0.186	0.106	0.168	0.16
			S00432642	187.7	188.75	1.05	0.0125	0.0777	0.1203	0.401	0.185	0.29
			S00432643	188.75	189.29	0.54	0.021	0.3049	0.246	0.283	0.35	0.27
			S00432644	189.29	189.6	0.31	0.0377	0.4638	0.5116	0.288	0.405	0.43
Mineralization			S00432645	189.6	189.8	0.2	0.0574	0.0899	0.794	0.328	0.511	0.69
186.35-187.7: 5-8% foliation controlled PoCpy			S00432647	189.8	190.04	0.24	0.0296	0.3962	0.4026	0.186	0.268	0.19
187.7-188.75: 3-5% disseminated foliation controlled PoCpy			S00432648	190.04	190.49	0.45	0.0185	0.1935	0.2194	0.127	0.179	0.19
188.75-189.29: 5-8% foliation controlled PoCpy			S00432649	190.49	190.83	0.34	0.00927	0.2025	0.0747	0.042	0.062	0.05
189.29-189.6: ~10-15% foliation controlled PoCpy			S00432651	190.83	191.42	0.59	0.00548	0.0309	0.0158	0.012	0.011	0.01
189.6-189.8: ~15-20% foliation controlled PoCpy			S00432652	191.42	192.13	0.71	0.00377	0.0203	0.0133	0.014	0.0025	0.005
189.8-190.04: ~10-15% foliation controlled PoCpy			S00432653	192.13	192.37	0.24	0.00652	0.0748	0.0315	0.025	0.039	0.03
190.04-190.49: ~5-8% foliation controlled to weakly blebby PoCpy			S00432654	192.37	193.47	1.1	0.0035	0.0068	0.0105	0.006	0.0025	0.005
190.49-190.83: ~3-5% blebby PoCpy with up to 0.5cm blebs and 1% quartz-carbonate vein hosted Cpy												
190.83-192.13: ~1-2% fracture controlled to quartz-carbonate veinlets hosted PoCpy												
192.13-192.37: ~2-3% quartz-carbonate vein hosted CpyPo												
192.37-194.26: ~0.5-1.0% foliation controlled CpyPo												
Alteration												
186.35-193.47: Weak-moderate, pervasive chlorite alteration												
Structure												
193.46-193.47: Lower contact; Lower contact is sharp ~40 DTCA												
193.47	194.26	SHR - Shearzone	S00432655	193.47	194.26	0.79	0.0051	0.0483	0.026	0.022	0.017	0.01
Sheared gabbro. Dark green-grey, fine grained, moderately foliated ~50 DTCA. Shear is cut by 0.1-2cm quartz-carbonate veins parallel to foliation. Moderate, pervasive chlorite alteration with weak-moderate, pervasive carbonate alteration. Sulphides occur as ~0.5% disseminated Po. Lower contact is sharp ~50 DTCA.												
Mineralization												
192.37-194.26: ~0.5-1.0% foliation controlled CpyPo												
Alteration												
193.47-194.26: Moderate, pervasive chlorite alteration associated with shearing												
Structure												
193.47-194.25: Shear; See major litho												
194.25-194.26: Lower contact; Lower contact is sharp ~50 DTCA												

Project: Project			Hole Number: MMC-21-30												
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
194.26	211.92	4C - Quartz gabbro	S00432656	194.26	195.67	1.41	0.00344	0.0142	0.0034	0.0025	0.0025	0.005			
<p>Similar unit as described from 186.38-193.47m. Chlorite alteration is weaker than previous interval and unit becomes more consistently medium grained. Unit also becomes weakly to moderately foliated towards lower contact ranging from 45 DTCA down to 20 DTCA. Sulphides occur as 0.1% disseminated to localized blebs (<0.5cm), locally up to 2-3% at 207.7-208.3m. Lower contact is sharp ~20 DTCA.</p> <p>Mineralization</p> <p>201.0-207.7: ~0.01% fracture controlled PoCpy</p> <p>207.7-208.7: 1-2% disseminated PoCpy</p> <p>208.7-212.0: ~0.1% fracture controlled to disseminated PoCpy</p> <p>Alteration</p> <p>194.26-211.92: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>210.0-211.0: Foliation; Foliation ~45 DTCA</p> <p>211.0-211.91: Foliation; Foliation ~30 DTCA</p> <p>211.91-211.92: Lower contact; Lower contact is sharp ~20 DTCA</p>			S00432657	195.67	197.18	1.51	0.00345	0.0128	0.0031	0.0025	0.0025	0.005			
			S00432658	204.95	206.39	1.44	0.00342	0.0093	0.003	0.0025	0.0025	0.005			
			S00432659	206.39	207.7	1.31	0.00352	0.0097	0.0032	0.0025	0.0025	0.005			
			S00432661	207.7	208.7	1	0.00424	0.0166	0.0068	0.005	0.0025	0.005			
			S00432662	208.7	209.48	0.78	0.00336	0.0198	0.0073	0.007	0.0025	0.005			
			S00432663	209.48	210.45	0.97	0.00353	0.0081	0.0072	0.006	0.0025	0.005			
			S00432664	210.45	211.92	1.47	0.0035	0.0063	0.0053	0.007	0.0025	0.005			
			211.92	232.66	1A - Quartzite	S00432665	211.92	212.64	0.72	0.00151	0.0033	0.0035	0.01	0.0025	0.005
			<p>Quartzite. Light tan-grey to medium grey, non magnetic, moderately bedded/ weakly foliated ~40-60 DTCA. Consists of >90% recrystallized quartz. Unit also contains cm-scale subangular to subrounded fragments of quartz. Localized biotite cots occur oriented parallel to foliation from 230.4-231m. Unit appears to be foliated parallel to bedding based on strained appearance of beds. Moderate, pervasive silicification. Interval is cut by 0.1-5cm quartz-carbonate veins ~35-45 DTCA (possibly ankeritic - cloudy white-yellow). Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.1% and foliation controlled PoPy ~0.5%; locally up to 1% at the sub metre scale. Lower contact is sharp ~ 40 DTCA.</p> <p>Mineralization</p> <p>208.7-212.0: ~0.1% fracture controlled to disseminated PoCpy</p> <p>212.7-212.8: ~3-5% quartz-carbonate vein hosted PoCpy</p> <p>212.8-215.0: 0.1% foliation controlled Po</p> <p>217.22-218.4: ~1% foliation controlled Po with 0.5% quartz-carbonate vein hosted Po+/-Cpy</p> <p>218.4-233.76: ~0.25-0.50% foliation controlled Po/Py with 0.1% fracture controlled/quartz-carbonate veinlet hosted Po</p> <p>Alteration</p> <p>211.92-233.76: Moderate, pervasive silicification</p> <p>Structure</p> <p>211.92-217.0; Bedding ~50-60 DTCA</p> <p>217.0-232.65; Bedding ranges from 40-45 DTCA</p> <p>232.65-232.66: Lower contact; Lower contact is sharp ~40 DTCA.</p>			S00432666	212.64	212.84	0.2	0.00167	0.015	0.0035	0.0025	0.0025	0.005
						S00432667	212.84	214.24	1.4	0.00042	0.0019	0.0005	0.0025	0.0025	0.005
S00432668	217.22	218.4				1.18	0.00281	0.0133	0.0019	0.012	0.0025	0.005			
S00432669	229.89	231.22				1.33	0.00174	0.0102	0.0005	0.0025	0.0025	0.005			
S00432671	231.22	232.66				1.44	0.00135	0.0056	0.0005	0.0025	0.0025	0.005			

Project: Project		Hole Number: MMC-21-30
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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232.66	233.76	SHR - Shearzone	S00432672	232.66	233.76	1.1	0.00101	0.0059	0.0005	0.006	0.0025	0.005
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Sheared quartzite. Medium grey-brown, non magnetic, moderately foliated ~35-45 DTCA. Unit contains light grey rock fragments/ boudinaged beds oriented parallel to foliation. Silicification is moderate and pervasive. Sulphides occur as foliation controlled to disseminated PoPy ~0.5%. Lower contact is sharp ~35 DTCA.

Mineralization

218.4-233.76: ~0.25-0.50% foliation controlled Po/Py with 0.1% fracture controlled/quartz-carbonate veinlet hosted Po

Alteration

211.92-233.76: Moderate, pervasive silicification

Structure

232.66-233.75: Shear; See major litho

233.75-233.76: Lower contact; Lower contact is sharp ~35 DTCA.

233.76	236.75	1A - Quartzite	S00432673	233.76	234.68	0.92	0.00099	0.0037	0.0005	0.0025	0.0025	0.005
			S00432674	234.68	236.0	1.32	0.00087	0.0074	0.0005	0.0025	0.0025	0.005
			S00432675	236.0	236.75	0.75	0.00118	0.0077	0.0005	0.0025	0.0025	0.005

Similar to that described above with strong brown-green alteration. Foliation /bedding is weakly-moderately developed ~35 DTCA. Primary texture of rock is destroyed locally associated with strong alteration. Alteration is also associated with 2-15cm quartz-carbonate veining ~30 DTCA. Veining is light grey-white quartz-carbonate with patches of cloudy-white-yellow carbonate. Light green micas are moderate and patchy- sericite alteration (?) and silicification is moderate-strong and pervasive. Sulphides occur as fracture filling to quartz-carbonate vein associated PoPy ~0.5%. Lower contact is sharp and irregular ~55 DTCA.

Mineralization

234.0-234.3: ~0.5% quartz-carbonate vein hosted Po

234.68-236.0: ~0.50% foliation controlled Po/Py with 0.25% quartz-carbonate veinlet hosted Po

236.2-237.0: ~0.5-1.0% fracture controlled to quartz-carbonate vein hosted Po+/-Cpy

Alteration

233.76-234.6: Moderate-strong, pervasive silicification with moderate, pervasive sericite alteration

234.6-236.0: Moderate, pervasive silicification

236.0-236.75: Moderate-strong, pervasive silicification with moderate, pervasive sericite alteration

Structure

234.68-236.0: Foliation

236.74-236.75: Lower contact; Lower contact is sharp and irregular ~55 DTCA.

Project:		Hole Number: MMC-21-30										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
236.75	256.23	4D - Biotite quartz diorite	S00432676	236.75	237.53	0.78	0.00256	0.012	0.0033	0.006	0.0025	0.005
<p>Quartz diorite - foliated. Medium grey, fine grained to aphanitic, weakly foliated ~20-25 DTCA, non magnetic. Fine, speckled biotite throughout with plagioclase-amphibole-quartz groundmass. Weak, pervasive chlorite alteration. Unit is cut by 0.1-0.5 cm light grey to white quartz-carbonate veinlets ~15-40 DTCA. Sulphides occur as 0.1% foliation controlled to fracture controlled Po+/-Cpy, locally up to 2-4% from 237.3-238.51m. Lower contact is sharp ~10 DTCA marked by appearance of coarser, massive QD interval.</p>			S00432677	237.53	238.51	0.98	0.00627	0.0344	0.0141	0.009	0.008	0.005
			S00432678	238.51	239.05	0.54	0.00591	0.0217	0.0125	0.006	0.006	0.005
			S00432679	239.05	240.0	0.95	0.00521	0.0137	0.0114	0.01	0.006	0.005
			S00432681	240.0	240.35	0.35	0.00506	0.0094	0.0113	0.012	0.0025	0.005
Mineralization			S00432682	240.35	240.54	0.19	0.00433	0.0065	0.0085	0.01	0.005	0.005
236.2-237.0: ~0.5-1.0% fracture controlled to quartz-carbonate vein hosted Po+/-Cpy			S00432683	240.54	241.53	0.99	0.00418	0.0081	0.0101	0.008	0.0025	0.005
237.0-237.53: ~0.5-1.0% fracture controlled to quartz-carbonate vein hosted Py+/-Po												
237.53-238.51: ~2-3% foliation controlled Po												
238.51-239.05: ~0.25-0.50% foliation controlled Po												
247.4-247.5: ~1% fracture controlled Po												
Alteration												
236.75-237.53: Moderate, patchy silicification with moderate, patchy sericite alteration and weak, pervasive chlorite												
237.53-267.52: Weak, pervasive chlorite alteration												
Structure												
236.75-256.22: Foliation; Foliation ranges from 20-25 DTCA.												
256.22-256.23: Lower contact; Lower contact is sharp ~10 DTCA marked by appearance of coarser, massive QD interval.												
256.23	258.4	4D - Biotite quartz diorite										
<p>Quartz diorite - massive. Medium grey, fine grained, massive, very weakly magnetic. Consists of 30-40% plagioclase with 5% quartz, and 55-65% fine grained groundmass - amphibole/biotite. Weak, pervasive chlorite alteration. Unit appears to be similar composition to previous QD, but occurs massive and slightly coarser grained. No sulphides observed. Lower contact is sharp ~25 DTCA.</p>												
Alteration												
237.53-267.52: Weak, pervasive chlorite alteration												
Structure												
258.39-258.4: Lower contact; Lower contact is sharp ~25 DTCA												

Project: Project	Hole Number: MMC-21-30
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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258.4 261.48 4D - Biotite quartz diorite
 Similar to that described from 236.75-256.23m. Foliation is weakly-moderately developed ~20 DTCA. Interval appears similar to underlying siltstone. No sulphides observed. Lower contact is sharp ~15 DTCA.

Alteration

237.53-267.52: Weak, pervasive chlorite alteration

Structure

258.4-261.47: Foliation

261.47-261.48: Lower contact; Lower contact is sharp ~15 DTCA

261.48 267.52 4D - Biotite quartz diorite
 Similar to that described from 256.23-258.4m. No sulphides observed. Lower contact is sharp ~20 DTCA.

Alteration

237.53-267.52: Weak, pervasive chlorite alteration

Structure

267.51-267.52: Lower contact; Lower contact is sharp ~20 DTCA.

267.52 278.99 1B - Siltstone
 Siltstone. Consists of mm-scale laminated silty to muddy beds ~15 DTCA. Unit is cut by a 10 cm quartz carbonate vein ~40 DTCA at EOH, which contains ~10% PoCpy. EOH

S00432684	278.54	278.85	0.31	0.00344	0.0118	0.0072	0.0025	0.0025	0.005
S00432685	278.85	279.0	0.15	0.0208	0.0627	0.0463	0.016	0.0025	0.005

Mineralization

278.88-279.0: ~10% quartz-carbonate vein hosted PoCpy

Structure

267.52-279.0; Bedding occurs ~15 DTCA

278.99 279
 EOH

S00432685	278.85	279.0	0.15	0.0208	0.0627	0.0463	0.016	0.0025	0.005
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Mineralization

278.88-279.0: ~10% quartz-carbonate vein hosted PoCpy

Structure

267.52-279.0; Bedding occurs ~15 DTCA

Project: Shakespeare Property		Hole Number: MMC-21-31	
Hole Type: DD	Drill Hole	Logging	Drilling
Hole Size: NQ	Core Location:	Logging Started: Sep-09-2021	Drilling Started: Aug-31-2021
Purpose: Exp	Claim Number:	Logging Completed: Sep-13-2021	Drilling Completed: Sep-04-2021
Casing: Mt	Planned Depth: 325	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis
	Actual Depth: 316.5		Coordinates
			Type: Planned
			Grid: NAD83 / UTM zone 17N
			Easting: 436022
			Northing: 5133387
			Elevation: 340

Target:		
Comments:		
From	To	Lithology

0	1.3	OB - Overburden
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1.3	31	1A - Quartzite Quartzite. Alternates between dark grey and tan beds. Consists of >90%, largely recrystallized quartz. Bedding occurs ~15-30 DTCA. Beds are typically m-scale. Moderate, pervasive silicification. Appears to be locally cross bedded. Sulphides occur as 0.1% fracture filling Po. Lower contact is gradational marked by transition into dark grey, crystalline quartz diorite.
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Mineralization

- 6.0-11.0: ~0.1% fracture fill Po
- 12.4-13.1: ~0.1-0.5% quartz-carbonate vein hosted to fracture fill Po
- 18.0-31.0: ~0.01-0.1% fracture fill Po

Structure

- 1.3-10.0: Bedding; Bedding ~15 DTCA
- 10.0-31.0: Bedding; Bedding ranges from ~15-35 DTCA
- 30.99-31.0: Lower contact; Lower contact is sharp, ~25 DTCA

31	33.72	4D - Biotite quartz diorite Quartz diorite - massive. Dark grey-black, fine grained, massive, non magnetic. Consists of ~10% 1-2mm quartz phenocrysts with dark fine grained groundmass composed of plagioclase-amphibole. Weak, pervasive chlorite alteration. No sulphides observed. Lower contact is sharp ~30 DTCA.
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Alteration

- 31.0-41.3: Weak, pervasive chlorite alteration

Structure

- 31.0-35.25: Foliation; Foliation of ~30 DTCA and fault gouge from 34.07-34.09m at ~30 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-31
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From	To	Lithology
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33.72 40.17 4D - Biotite quartz diorite
 Quartz diorite - fine grained, foliated. Medium to dark grey, fine grained to aphanitic, weakly foliated ~20-30 DTCA. Unit is too fine grained for mineralogical estimation; although unit has comparable hardness to previous QD and may be finer grained phase. Foliation appears similar to bedding - metasediment unit (?). Fault gouge occurs at 34.07m ~30 DTCA and 37.57m ~30 DTCA. Sulphides occur as 0.1% fracture filling Po. Lower contact is sharp marked by blocky core.

Mineralization

33.9-34.0: ~0.1% fracture fill Po

Alteration

31.0-41.3: Weak, pervasive chlorite alteration

Structure

31.0-35.25: Foliation; Foliation of ~30 DTCA and fault gouge from 34.07-34.09m at ~30 DTCA

37.56-37.58: Fault; ~2cm wide fault marked by gouge at ~30 DTCA

40.16-40.17: Lower contact; Lower contact is sharp, ~50 DTCA

40.17 41.3 FLT - Fault
 Fault zone - lithology is same as previously described unit. Abundant blocky core and multiple occurrences of mm-scale fault gouge seams at 40.66m - 30 DTCA and 41m ~45 DTCA. Lower contact is sharp marked by the transition back into competent core.

Alteration

31.0-41.3: Weak, pervasive chlorite alteration

Structure

40.17-41.29: Fault; See major litho

41.29-41.3: Lower contact; lower contact is sharp, ~45 DTCA

41.3 51.18 4D - Biotite quartz diorite
 Similar to that described from 33.72-40.17m. Foliation occurs weakly-moderately developed ~40 DTCA. Sulphides occur as 0.1% fracture filling Po. Lower contact is sharp ~60 DTCA.

Mineralization

45.0-47.0: ~0.1-0.5% fracture fill Po

Structure

47.7-51.17: Foliation; Foliation ranging from ~40-50 DTCA

51.17-51.18: Lower contact; Lower contact is sharp, ~60 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-31
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From	To	Lithology
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51.18	52.22	Chert - Chert Chert (?) or finely bedded quartzite. Medium grey, finely laminated (50-60 DTCA) to bedded silica-rich metasedimentary unit. Laminations alternate between medium grey and dark grey/black. Laminations also display mm to cm-scale offsets by fracture sets ~35 DTCA. No sulphides observed. Silicification is moderate-strong and pervasive. Lower contact is sharp ~55 DTCA.
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Alteration

51.18-52.22: Weak moderate, pervasive silicification

Structure

51.18-52.21: Bedding; Bedding ~60 DTCA

52.21-52.22: Lower contact; Lower contact is sharp, ~55 DTCA

52.22	56.78	4D - Biotite quartz diorite Similar to that described from 33.72-40.17m. Foliation occurs weakly-moderately developed ~35 DTCA. Sulphides occur as 0.01% fracture filling Po. Lower contact is gradational marked by appearance of finely laminated chert.
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Structure

52.22-57.55: Foliation; Foliation ~35 DTCA

56.78	57.56	Chert - Chert Similar to that described from 51.18-52.22m. Lower contact is sharp ~35 DTCA.
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Alteration

57.5-58.0: Weak, pervasive chlorite alteration

Structure

52.22-57.55: Foliation; Foliation ~35 DTCA

57.55-57.56: Lower contact; Lower contact is sharp, ~35 DTCA

57.56	57.96	SHR - Shearzone Shear zone. Unit is same as described above. Unit is sheared ~30 DTCA. Blue quartz grains ~3mm are stretched along foliation creating a weak "Z" folding pattern. No observed mineralization. Lower contact is sharp, ~30 DTCA.
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Alteration

57.5-58.0: Weak, pervasive chlorite alteration

Structure

57.56-57.95: Shear; See major litho

57.95-57.96: Lower contact; lower contact is sharp, ~35 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-31
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From	To	Lithology
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57.96 61.53 4D - Biotite quartz diorite
 Similar to that described from 33.72-40.17m. Foliation is weakly developed at ~35 DTCA with scattered stringers/fracture fills at ~15-45 DTCA. Inclusions of blue quartz is present following foliation. ~0.1-0.5% quartz-carbonate vein hosted Po is present. Lower contact is sharp, ~35 DTCA.

Alteration

57.5-58.0: Weak, pervasive chlorite alteration

Structure

61.52-61.53: Lower contact; lower contact is sharp, ~35 DTCA

61.53 61.72 SHR - Shearzone
 Shear zone. Unit is the same lithology as the unit above. Foliation occurs at ~35 DTCA. ~1% foliation controlled Po is present. Lower contact is sharp, ~35 DTCA.

Structure

61.53-61.72: Shear; see major litho

61.72 66.4 4D - Biotite quartz diorite
 Similar to that described from 33.72-40.17m. Foliation is weakly developed at ~35 DTCA. ~0.1% fracture fill Po is present. Lower contact is gradational, marked by the decrease in foliation and transition to a more siliceous rock.

Mineralization

62.0-63.0: ~0.1% fracture fill Po

Structure

66.39-66.4: Lower contact; Lower contact is gradational, marked by the increase in silicification

66.4 67.3 1A - Quartzite
 Quartzite. Unit is fine grained, dark grey, massive, non-magnetic. Unit has speckled black ?amphibole? throughout. ~0.01% disseminated Po is present. Lower contact is sharp, ~45 DTCA.

Structure

67.29-67.3: Lower contact; lower contact sharp, ~45 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-31
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From	To	Lithology
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67.3 122.13 4D - Biotite quartz diorite

Similar to that described from 33.72-40.17m. Fine grained, foliated to massive, grey green, non-magnetic. Foliation (~35 DTCA) intensity decreases from start of unit to ~80m where it turns massive. "Z" folding patterns is seen between 96m-99m and S-folding pattern seen from 116-116.5m. This folding pattern follows the weak foliation of ~35 DTCA. Sulphides occur as 0.01% foliation controlled to fracture controlled Po with ~0.5% quartz-carbonate vein hosted Po is present from 92.3m-94m. Lower contact is sharp ~25 DTCA.

Mineralization

- 68.65-69.0: ~0.1% fracture fill Po
- 74.3-74.83: ~0.5% fracture fill Po
- 92.0-93.0: ~0.5% fracture fill Po
- 101.25-101.45: ~1-2% fracture controlled Po
- 101.45-123.23: ~0.01% foliation to fracture controlled Po

Alteration

- 67.3-316.5: Weak, pervasive chlorite alteration

Structure

- 67.3-82.0: Foliation; Foliation ranging from ~35-45 DTCA
- 96.0-98.0: Folding; "z" pattern folding with ~5 DTCA axial plane
- 101.0-122.12: Foliation; Foliation ranges from 20-30 DTCA
- 122.12-122.13: Lower contact; Lower contact is sharp ~25 DTCA

122.13 143 4D - Biotite quartz diorite

Fine grained with 1-4mm dark grey quartz phenocrysts (?), weakly-moderately foliated, grey green, non-magnetic. Foliation ranges from 10-25 DTCA. Foliation becomes irregular and folded ~126m. Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.01%. Lower contact is gradational marked by disappearance of quartz phenocrysts.

Mineralization

- 101.45-123.23: ~0.01% foliation to fracture controlled Po
- 123.23-123.5: ~0.1-0.2% quartz-carbonate vein hosted PoCpy

Alteration

- 67.3-316.5: Weak, pervasive chlorite alteration

Structure

- 122.13-131.5: Foliation; Foliation ranges from 20-30 DTCA
- 134.0-139.0: Foliation

Project: Shakespeare Property	Hole Number: MMC-21-31
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From	To	Lithology
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143	248	4D - Biotite quartz diorite Similar to that described from 33.72-40.17m. Fine grained, weakly to moderately foliated, grey green, non-magnetic. Foliation ranges from 5-10 DTCA and locally appears kink banded and/or crenulated. Foliation changes locally up to 50-55 DTCA. Weak localized Z-folding occurs with axial planes ~20 DTCA. Weak, pervasive chlorite alteration. Zone of blocky core occurs from 185.5-186.5m. Unit is cut by 0.5-2cm quartz-carbonate veins ~25-60 DTCA. Abundant chloritic slips occur subparallel TCA from 210-213m. Sulphides occur as localized fracture filling Po ~0.01% overall but up to 2% from 147.49-148.48m and up to 0.5% from 157.9-158.1m. Lower contact is gradational marked by colour change to tan and consistent bedding ~15-20 DTCA.
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Mineralization

- 147.49-148.48: ~2% disseminated Po
- 149.75-150.0: ~0.5% fracture controlled Po
- 152.0-153.68: ~0.01% fracture controlled Po
- 153.68-154.16: ~2-3% quartz-carbonate vein hosted PoCpy
- 155.62-157.0: ~0.25-0.5% quartz-carbonate vein hosted PoCpy
- 157.85-158.08: ~1-2% fracture controlled PoCpy
- 166.5-167.0: ~0.1% fracture controlled Po
- 177.18-177.28: ~0.1-0.2% quartz-carbonate vein hosted Po
- 208.8-208.9: ~0.5% quartz-carbonate vein hosted Po
- 222.0-235.3: ~0.01% foliation to fracture controlled Po
- 235.3-239.25: ~0.5% fracture controlled Po
- 239.25-240.7: ~0.1% fracture controlled Po

Alteration

67.3-316.5: Weak, pervasive chlorite alteration

Structure

- 145.0-147.0: Foliation
- 156.0-157.0: Foliation
- 163.0-164.5: Foliation
- 165.0-168.0: Folding; Weak z folding with axial planes ~20 DTCA with weak-moderately developed foliation ~5-10 DTCA.
- 173.0-181.4: Foliation; Weak crenulated foliation ranging from 20-30 DTCA
- 185.45-185.7: Blocky core; Blocky core
- 186.6-186.8: Blocky core; Blocky core
- 186.8-201.0: Foliation; Foliation ranges from 5-10 DTCA
- 201.0-208.5: Foliation; Foliation ranges from 10-15 DTCA
- 208.5-210.0: Foliation
- 210.0-210.3: Foliation; Foliation ranges from 10-15 DTCA
- 210.3-213.2: Slip surfaces; Chloritic slips occur sub parallel TCA

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From	To	Lithology
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213.2-226.5: Foliation; Foliation ranges from 10-15 DTCA

226.5-246.0: Foliation; Foliation ranges from 25-30 DTCA

246.0-247.99: Foliation; Foliation ranges from 15-20 DTCA

247.99-248.0: Lower contact; Lower contact is gradational marked by colour change to tan and consistent bedding ~15-20 DTCA.

248 286 1B - Siltstone

Siltstone(?). Drill rub is significant throughout and causes core to have rough surface. Tan to medium grey-green, well bedded/moderately foliated ~15-20 DTCA, non magnetic. Chlorite alteration is weak-moderate and pervasive; unit is soft and easily scratchable with scribe. Core is blocky from 276.5-277m. Sulphides occur as fracture filling Po ~0.01%; locally up to 0.5% from 235.3-239.25m. Lower contact is gradational marked by transition back into dark grey-green unit.

Mineralization

254.0-254.1: ~0.25-0.50% fracture controlled Po

263.8-264.0: ~0.1% fracture controlled Po

266.13-266.38: ~2-3% quartz-carbonate vein hosted Po

Alteration

67.3-316.5: Weak, pervasive chlorite alteration

Structure

248.0-266.1: Foliation; Foliation ranges from 15-20 DTCA

266.1-266.38: Veins; 1cm quartz-carbonate veins occur ~15 DTCA crosscutting bedding with ~2-3% Po

266.38-285.99: Foliation; Foliation ranges from 15-20 DTCA

285.99-286.0: Lower contact; Lower contact is gradational marked by transition back into dark grey-green unit.

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From	To	Lithology
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286	316.49	4D - Biotite quartz diorite Similar to that described from 33.72-40.17m. Fine grained, weakly to moderately foliated, grey green, non-magnetic. Foliation ranges from 0-40 DTCA and locally becomes undulatory - possible folding from 294--295m. Weak, pervasive chlorite alteration. Zone of blocky core occurs from 288.1-288.4m. Unit is cut by 40cm quartz-carbonate veins from 295.21-295.63m ~25 DTCA with ~0.5% PoCpy. Sulphides also occur as localized fracture filling Po ~0.01% overall but locally up to 0.5% from 292.73-294m. Unit becomes locally massive towards EOH and becomes more distinguishable as QD. EOH
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Mineralization

- 291.7-294.0: ~0.5% fracture controlled Po
- 295.21-295.63: ~1% quartz-carbonate vein hosted PoCpy
- 295.63-297.27: ~0.25-0.50% fracture controlled to quartz-carbonate vein hosted Po
- 297.27-298.15: 0.50-1.0% fracture controlled to quartz-carbonate vein hosted Po

Alteration

67.3-316.5: Weak, pervasive chlorite alteration

Structure

- 286.0-294.5: Foliation;
- 294.5-295.0: Foliation; Foliation inverts and becomes parallel TCA (folding (?))
- 295.0-295.21: Foliation; Foliation steepens to ~40 DTCA after interpreted parasitic fold
- 295.21-295.63: Veins; 40cm quartz-carbonate vein ~25-45 DTCA with ~0.5% PoCpy
- 295.63-301.0: Foliation; Foliation occurs ~30 DTCA
- 301.0-316.5: Foliation; Foliation ranges from 20-25 DTCA.

316.49	316.5	EOH
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Alteration

67.3-316.5: Weak, pervasive chlorite alteration

Structure

301.0-316.5: Foliation; Foliation ranges from 20-25 DTCA.

Project: Shakespeare Property		Hole Number: MMC-21-32	
Hole Type: DD	Drill Hole	Logging	Drilling
Hole Size: NQ	Core Location:	Logging Started:	Drilling Started: Sep-05-2021
Purpose: Infill	Claim Number:	Logging Completed: Oct-25-2021	Drilling Completed: Sep-06-2021
Casing: Mt	Planned Depth: 180	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis
	Actual Depth: 180		Coordinates
			Type: Planned
			Grid: NAD83 / UTM zone 17N
			Easting: 436117
			Northing: 5133456
			Elevation: 320

Target:

Comments:

From	To	Lithology
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0	7.7	OB - Overburden 7.7m of casing
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7.7	8.79	APL - Aplite Aplite or Quartzite(?). Could be highly altered and recrystallized metasediment. Medium pink-brown, fine grained, massive, non magnetic, equigranular. Unit consists of fine grained quartz-feldspar groundmass ~70-80% with speckled biotite grains throughout ~20-30%. No sulphides or veining observed. Lower contact is obscured by broken core.
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Structure

7.7-8.0: Blocky core; blocky core from casing

8.78-8.79: Lower contact; Lower contact is obscured by broken core

8.79	20.33	4D - Biotite quartz diorite Quartz diorite. Dark grey-green, fine grained, massive, equigranular, non magnetic. Unit consists of ~10-15% blueish-grey, mm-scale quartz phenocrysts that are contained within a fine grained grey-green groundmass composed of plagioclase-amphibole-chlorite ~85-90%. Contains cm-scale fragments of partially digested fragments of metasediment that have diffuse margins. Blocky interval occurs from 15.85-15.92m, 16.7-16.9m, and 18.5-18.6m. Weak, pervasive chlorite alteration with weak-moderate, fracture filling to vein hematite alteration. Unit is cut by mm-scale, white quartz-carbonate veinlets ~60 DTCA. No sulphides observed. Lower contact is obscured by broken core.
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Alteration

10.15-10.74: Weak, pervasive hematite alteration

18.7-18.95: Weak, pervasive hematite alteration

Structure

9.0-9.6: Blocky core; blocky core

11.2-12.0: Blocky core; blocky core

13.5-13.6: Blocky core; blocky core

15.85-15.92: Blocky core; blocky core

16.7-16.9: Blocky core; blocky core

18.5-18.6: Blocky core; blocky core

20.32-20.33: Lower contact; Lower contact is obscured by blocky core

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From	To	Lithology
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20.33	21.22	1A - Quartzite Quartzite block. Medium tan brown, weakly foliated/bedded ~30 DTCA, non magnetic. Rounded, fine-medium sand grains are locally discernable but unit is largely recrystallized. Silicification is moderate-strong and pervasive. No sulphides observed. Unit is cut by mm-scale, white quartz-carbonate veinlets ~55-70 DTCA. Lower contact is sharp ~55 DTCA.
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Alteration

20.33-21.0: Weak-moderate, pervasive silicification

Structure

20.33-21.0; Unit is bedded at ~30 DTCA

21.0-21.21; Unit is bedded at ~55 DTCA

21.21-21.22: Lower contact; Lower contact is sharp, ~55 DTCA

21.22	36.86	4D - Biotite quartz diorite Similar to that described from 5.79-20.33m. Foliation is weakly developed ~25-35 DTCA with localized bedding associated with quartzite fragments ~40 DTCA. Sulphides occur as foliation controlled Po ~0.1%, locally up to 0.5% from 30-30.84m. Lower contact is sharp ~40 DTCA.
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Alteration

22.76-23.6: Weak, patchy, hematite alteration

28.18-30.0: Weak, pervasive silicification

34.0-34.41: Weak, pervasive hematite alteration

Structure

23.44-24.3: Blocky core; Blocky and broken core, with some foliation at ~40 DTCA

24.3-25.2: Foliation; Foliation of unit at ~40 DTCA

27.0-30.25: Foliation; Foliation of unit ~25 DTCA

30.25-36.85: Foliation; Foliation of unit ~35 DTCA

36.85-36.86: Lower contact; Lower contact is sharp, ~40 DTCA

36.86	38.77	1A - Quartzite Similar to that described from 20.33-21.22m. Unit is comprised of multiple 30-90cm blocks of quartzite with minor interstitial quartz diorite. Sulphides occur as localized disseminations of Po within quartzite fragments up to ~0.5-1.0% from 38.38-38.77m. Lower contact is sharp ~35 DTCA.
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Mineralization

38.38-38.77: ~0.5-1% disseminated Po

Alteration

36.86-38.77: Weak, pervasive silicification, and weak, pervasive hematite alteration

Structure

36.86-38.76; Bedding ~40 DTCA

38.76-38.77: Lower contact; lower contact is sharp, ~35 DTCA

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From	To	Lithology
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38.77	39.51	4D - Biotite quartz diorite Similar to that described from 5.79m-20.33m. Unit is massive to very weakly foliated at ~40-50 DTCA marked by mm-scale quartz-carbonate stringers and chlorite alteration seams. Localized fragments of quartzite, sub-round to sub-angular mm-scale, are present. Sulphides occur as ~0.01% disseminated Po. Lower contact is sharp, ~50 DTCA.
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Mineralization

38.77-40.16: ~3-4% quartz-carbonate vein hosted PoCpy

Structure

39.5-39.51: Lower contact; lower contact is sharp, ~50 DTCA

39.51	40.16	1A - Quartzite Similar to that described from 20.33m-21.22m. Light-medium tan-brown, weakly foliated at ~45 DTCA. Unit is cut by multiple mm-cm scale quartz carbonate stringers. Surrounding the stringers is mainly recrystallized. Moderate pervasive silicification. Discontinuous bands of dark green black minerals present, possibly amphibole or hornblende. Sulphides occur as ~2-3% foliation controlled PoCpy. Lower contact is sharp, ~50 DTCA.
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Mineralization

38.77-40.16: ~3-4% quartz-carbonate vein hosted PoCpy

Alteration

39.51-40.16: Weak, pervasive silicification and sericite alteration

Structure

39.51-40.15; Bedding ~45 DTCA

40.15-40.16: Lower contact; Lower contact is sharp, ~50 DTCA

40.16	51.7	4D - Biotite quartz diorite Similar to that described from 5.79m-20.33m. Unit is massive to weakly foliated at ~35 DTCA. Unit is cut by mm-scale quartz-carbonate stringers following foliation. A leucocratic interval of ~10cm is present at ~42.25m. Towards the lower contact, weak silicification occurs. Sulphides occur as ~0.1-0.5% disseminated +/- quartz-carbonate vein hosted PoCpy, locally up to ~1%. Lower contact is sharp, ~60 DTCA.
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Mineralization

41.46-45.0: ~0.1-0.5% quartz-carbonate vein hosted PoCpy

45.0-51.7: ~0.1-0.5% disseminated PoCpy

Alteration

42.26-42.34: Weak, pervasive hematite alteration

Structure

40.45-40.55: Blocky core; broken/ broken core

40.55-50.65: Foliation; Foliation of unit at ~35 DTCA

51.69-51.7: Lower contact; Lower contact is sharp, ~60 DTCA

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From	To	Lithology
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51.7	52.7	1A - Quartzite Similar to that described from 20.33m-21.22m. Unit is foliated ~35DTCA, marked by dark green bands and dashes of chlorite and amphibole. In locally massive intervals, sub-rounded recrystallized quartz is surrounded by a fine tan carbonate. Sulphides occur as ~2-4% foliation controlled PoCpy, locally up to 5%. Lower contact is sharp, ~50 DTCA.
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Mineralization

51.7-52.7: ~1-3% foliation controlled PoCpy

Alteration

51.7-52.7: Weak, pervasive silicification and weak, patchy chlorite alteration

Structure

51.7-52.69; Bedding of unit at ~35 DTCA

52.69-52.7: Lower contact; Lower contact is sharp, ~50 DTCA

52.7	59	4D - Biotite quartz diorite Similar to that described from 5.79m-20.33m. Fine grained, dark green blue quartz diorite intermixed with tan brown quartzite containing diffuse margins. Unit is weakly foliated at ~40 DTCA. Unit is cut by mm-scale quartz-carbonate stringers, some exhibiting a weak boudinage pattern. Weak patchy chlorite alteration and weak pervasive silicification of quartzite fragments. Sulphides occur as ~0.1-0.5% disseminated +/- quartz-carbonate vein hosted PoCpy, locally ~5-7% over a 12cm interval. Lower contact is sharp, marked by the consistent change to silicified material, ~90 DTCA.
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Mineralization

52.7-55.8: ~1-2% foliation controlled PoCpy

57.95-58.1: ~3-5% foliation controlled PoCpy

Alteration

52.7-57.86: Weak, pervasive chlorite alteration, and weak patchy silicification

57.86-58.3: Weak, patchy hematite alteration

Structure

54.0-58.99: Foliation; Foliation of unit ~40 DTCA

58.99-59.0: Lower contact; Lower contact is sharp, ~90 DTCA

59	60.68	1A - Quartzite Similar to that described from 20.33m-21.22m. Unit is massive with a white sugary texture containing rounded to sub-rounded mm-scale "floating" white grains over a light tan semi-translucent matrix. Core is broken an angular from 59.2m-59.7m, possibly a fault zone. Sulphides occur as ~0.1% disseminated Po. Lower contact is sharp, ~50 DTCA.
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Mineralization

59.0-60.0: ~0.01% disseminated Po

Alteration

59.0-60.68: Weak-moderate, pervasive silicification

Structure

59.2-59.68: Blocky core; broken core/ potential fault zone

60.67-60.68: Lower contact; Lower contact is sharp, ~50 DTCA

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From	To	Lithology
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60.68	62.23	4D - Biotite quartz diorite Similar to that described from 5.79m-20.33m. Unit is cross cut by ~13cm wide structural quartz-carbonate vein at ~45 DTCA. Unit is weakly foliated as determined by ~1cm wide quartz carbonate veins at ~45-55 DTCA. Diffuse contacts of quartzite fragments are present in the interval. Sulphides occur as ~0.01% quartz-carbonate vein hosted Po. Lower contact is sharp, ~50 DTCA.
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Structure

- 60.68-61.75: Foliation; Foliation at ~45-50 DTCA
- 61.75-61.88: Veins; ~13cm wide structural quartz carbonate vein at ~45 DTCA
- 61.88-62.22: Foliation; Foliation at ~45-50 DTCA
- 62.22-62.23: Lower contact; Lower contact is sharp, ~50 DTCA

62.23	65.23	1A - Quartzite Similar to that described from 20.33m-21.22m. White green quartzite, weakly foliated at ~35 DTCA. Pervasive patchy chlorite alteration present. Potential fault zone marked by broken core from 63.58m-63.63.7m. Appearance is more mottled than previous quartzite units and contains more chlorite. No sulphides are observed. Lower contact is sharp, ~60 DTCA.
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Alteration

- 62.23-65.23: Weak-moderate, pervasive silicification, and weak, patchy chlorite alteration

Structure

- 62.23-64.45: Blocky core; Bedding of unit ~35 DTCA, with a interval of broken core from 63.58m-63.68m.
- 65.22-65.23: Lower contact; Lower contact is sharp, ~60 DTCA.

65.23	71.45	4D - Biotite quartz diorite Similar to that described from 5.79m-20.33m. Fine grained, green grey, weakly foliated at ~55 DTCA, non-magnetic. Contains fragments of peach/orange brecciated quartzite. Sulphides occur as ~1-2% foliation controlled PoCpy, locally up to ~3%. Lower contact is sharp, ~55 DTCA.
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Mineralization

- 65.35-68.0: ~0.5-1% disseminated PoCpy
- 68.0-69.0: ~0.5-1% foliation controlled CpyPo
- 70.32-71.4: ~0.1-0.5% foliation controlled PoCpy

Alteration

- 65.23-71.45: Weak, pervasive chlorite alteration, weak patchy silicification and hematite alteration

Structure

- 65.23-71.44: Foliation; foliation of unit ~55 DTCA
- 71.44-71.45: Lower contact; Lower contact is sharp, ~55 DTCA

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From	To	Lithology
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71.45	72.2	1A - Quartzite Similar to that described from 20.33m-21.22m. Unit is massive to locally foliated ~55 DTCA. Unit is light tan with a clear translucent appearance, containing floating black green amphibole grains. No sulphides are observed. Lower contact is sharp, ~55 DTCA.
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Alteration

71.45-72.2: Weak-moderate, pervasive silicification

Structure

72.19-72.2: Lower contact; Lower contact is sharp, ~55 DTCA

72.2	88.73	3A - Nipissing gabbro Generic Gabbro. Unit is fine grained, massive, medium green to green grey, non-magnetic. Unit is composed of ~75-80% green/black amphibole and ~20-25% light grey plagioclase. The unit is cross cut by multiple mm to ~10cm wide quartz carbonate veins at ~30-70 DTCA. Local pods of leucocratic gabbro are present, coarse grained, rich in white plagioclase with a orange hematite alteration. Weak pervasive chlorite alteration is present. Sulphides occur as ~2-3% quartz-carbonate vein hosted PoCpy, with local intervals of ~5-8% CpyPo and ~5-8% PoCpy. Lower contact is sharp, ~50 DTCA.
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Mineralization

78.18-78.5: ~0.5-1% quartz-carbonate vein hosted Po

79.3-79.5: ~3-5% quartz-carbonate vein hosted PoCpy

80.9-86.0: ~0.01% quartz-carbonate vein hosted PoCpy

86.0-87.0: ~0.01% quartz-carbonate vein hosted Po

87.0-87.25: ~5-8% quartz-carbonate vein hosted PoCpy

87.25-88.0: ~0.1-0.5% quartz-carbonate vein hosted Po

Alteration

72.2-79.21: Weak, chlorite alteration

79.21-79.45: Weak patchy carbonate and hematite alteration

80.95-88.6: Weak, patchy carbonate alteration

Structure

79.26-79.46: Veins; ~7cm wide structural quartz carbonate vein at ~60 DTCA with a leucocratic pod

81.0-82.6: Veins; ~6 minor quartz carbonate veins orientated at ~50-70 DTCA, up to ~8-10cm wide

88.72-88.73: Lower contact; Lower contact is sharp, ~50 DTCA

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From	To	Lithology
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88.73 89.56 LEU - Leucogabbro
 Lecuogabbro. Unit is coarse grained, equigranular to pegmatitic, non-magnetic. Unit contains ~40-50% pink white plagioclase grains in ~50-60% dark green black amphibole matrix. Localized black grains appear to have a needle like texture. Unit is cut by mm-scale quartz-carbonate stringers at ~65 DTCA. Sulphides occur as ~3-5% disseminated +/- quartz carbonate vein hosted PoCpy. Lower contact is sharp, ~60 DTCA.

Mineralization

88.73-89.56: ~2-3% disseminated PoCpy

Alteration

88.73-89.56: Weak, pervasive hematite alteration

Structure

89.53-89.54: Lower contact; Lower contact is sharp, ~60 DTCA

89.56 89.94 3A - Nipissing gabbro
 Similar to that described from 72.2m-88.73m. Unit is medium grained and grades into fine grained gabbro. Unit is cut by mm-scale quartz carbonate stringers. Unit contains ~0.1% quartz-carbonate vein hosted Po. Lower contact is sharp, ~25 DTCA.

Mineralization

89.56-91.1: ~0.5-1% disseminated PoCpy

Alteration

89.93-91.1: Weak, pervasive hematite alteration

Structure

89.92-89.93: Lower contact; Lower contact is sharp, ~ 25DTCA

89.94 91.1 LEU - Leucogabbro
 Similar to that described from 88.73m-89.56m. Unit is coarse grained (coarser than similarly described interval), massive to pegmatitic, cross cut by cm-scale quartz carbonate veins at ~30 DTCA. Needle like black amphibole crystals are well developed. Sub-angular to angular black grains more clearly developed than previous interval. Sulphides occur as ~2-3% disseminated Po. Lower contact is sharp, ~45 DTCA.

Mineralization

89.56-91.1: ~0.5-1% disseminated PoCpy

Alteration

89.93-91.1: Weak, pervasive hematite alteration

Structure

90.66-90.7: Veins; ~4cm wide quartz-carbonate vein at ~30 DTCA

91.09-91.1: Lower contact; Lower contact is sharp, ~45 DTCA

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From	To	Lithology
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91.1 101.5 3A - Nipissing gabbro
 Similar to that described from 72.2m-88.73m. Fine grained, medium green grey, massive, non-magnetic. Fragments/ inclusions of leucogabbro up to ~20cm are present. Contacts of these pods are sharp when intersecting mm to cm-scale quartz carbonate stringers or gradational into surrounding gabbro groundmass. Pods exhibit the same characteristics as previous leucogabbro lithologies. Weak pervasive chlorite alteration present with localized weak-moderate alteration around veins. Quartz-carbonate stringers orientated at ~30-70 DTCA. Sulphides occur as ~0.1-0.5% quartz-carbonate vein hosted +/- disseminated PoCpy, locally up to ~2%. Lower contact is sharp, ~40 DTCA.

Mineralization
 92.0-95.15: ~0.01-0.1% disseminated PoCpy
 97.5-97.8: ~0.5% quartz-carbonate vein hosted CpyPo
 97.8-106.5: ~0.1-0.5% quartz-carbonate vein hosted PoCpy

Alteration
 91.1-96.0: Weak, patchy hematite and carbonate alteration
 96.0-107.17: Weak, pervasive chlorite alteration

Structure
 96.0-101.49: Veins; multiple mm-scale quartz-carbonate stringers at ~30-70 DTCA
 101.49-101.5: Lower contact; lower contact is sharp, ~40 DTCA

101.5 101.93 LEU - Leucogabbro
 Similar to that described from 88.73m-89.56m. Unit is tan pink with needle like to sub-rounded black amphibole grains. Unit is massive to pegmatitic. Sulphides occur as ~1% disseminated Po. Lower contact is sharp, ~45 DTCA.

Mineralization
 97.8-106.5: ~0.1-0.5% quartz-carbonate vein hosted PoCpy

Alteration
 96.0-107.17: Weak, pervasive chlorite alteration

Structure
 101.92-101.93: Lower contact; lower contact is sharp, ~45 DTCA

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101.93 111.96 3A - Nipissing gabbro
 Generic gabbro/ quartz-gabbro. Unit is medium green, fine grained, vari-textured, non-magnetic. Unit contains ~75% amphibole, ~20-25% plagioclase and +/- 5% quartz. Possible grains are fine where it is difficult to determine if the unit is quartz or the light grey plagioclase giving a different appearance based on the cut effect of the drill. Localized weak pervasive chlorite alteration. Unit is cut by ~mm-scale quartz carbonate stringers at ~20-60 DTCA. Sulphides occur as ~0.5-1% quartz-carbonate vein hosted PoCpy, locally up to 3-5%. Lower contact is...

Mineralization

97.8-106.5: ~0.1-0.5% quartz-carbonate vein hosted PoCpy

110.4-111.96: ~0.1% Quartz-carbonate vein hosted Po

Alteration

96.0-107.17: Weak, pervasive chlorite alteration

Structure

111.95-111.96: Lower contact; lower contact is sharp, ~50 DTCA

111.96 112.42 DIA - Diabase
 Possible Diabase. Unit is black green, very fine grained, aphanitic to massive, non-magnetic. Grains are too small to determine mineralogy by eye. Fragments of rounded to sub-rounded white pink quartz/ quartzite are present, up to ~2cm wide. Sulphides occur as ~1-3% disseminated Po. Lower contact is sharp, ~45 DTCA.

Mineralization

111.96-112.42: ~2-3% disseminated Po

Structure

112.41-112.42: Lower contact; lower contact is sharp, ~45 DTCA

112.42 123.93 3A - Nipissing gabbro
 Similar to that described from 101.93m-111.96m. Medium green, fine grained, massive, non-magnetic. Unit is cut by mm-scale blue white quartz-carbonate stringers at ~25-50 DTCA. Sulphides occur as ~0.01% quartz-carbonate vein hosted PoCpy. Lower contact is sharp, ~50 DTCA

Mineralization

112.78-113.0: ~1% quartz-carbonate vein hosted Po

113.0-122.0: ~0.01% quartz-carbonate vein hosted +/- disseminated Po

Alteration

112.55-113.32: Weak moderate, patchy, hematite alteration

Structure

112.78-113.01: Veins; A interval with 2 ~5cm wide quartz carbonate veins, both at ~65 DTCA

123.8-123.83: Veins; A ~3cm wide quartz carbonate vein at ~15 DTCA

123.92-123.93: Lower contact; Lower contact is sharp, ~50 DTCA

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From	To	Lithology
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123.93	124.87	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix</p> <p>Breccia. Unit contains mm to dm scale sub-rounded to sub-angular gabbro clasts as described from 112.42m-123.93m, and a fine grained, medium green matrix. The breccia is clast supported with ~>60% gabbro clasts. Gabbro clasts contain weak mm-scale wispy quartz-carbonate stringers. Sulphides occur as ~1-3% quartz-carbonate vein hosted PoCpy. Sulphides concentrate on the gabbro fragments and in stringers at cut both the fragments and the matrix. Lower contact is sharp but distorted due to drill grind at end of contact.</p>
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Mineralization

124.0-124.87: ~1-3% quartz-carbonate vein hosted PoCpy

Structure

123.93-124.86: breccia; See major litho

124.86-124.87: Lower contact; Lower contact is sharp and altered due to drill grind/rub

124.87	147.26	<p>3A - Nipissing gabbro</p> <p>Similar to that described from 101.93m-111.96m. Fine grained, medium green, massive, non-magnetic. The unit is cut by mm-scale quartz carbonate stringers at ~25-65DTCA. Few veins on the cm-scale contain more developed black needle like amphiboles or hornblende grains with pink hematite alteration. Weak pervasive chlorite alteration is present. Sulphides occur as ~0.01-0.1% disseminated PoCpy, locally up to 3-5%. Lower contact is sharp, ~1 DTCA.</p>
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Mineralization

140.4-140.8: ~3% quartz-carbonate vein hosted to disseminated CpyPo

144.0-147.6: ~0.1-0.5% disseminated CpyPo

Alteration

129.7-130.2: Weak, patchy hematite alteration

145.0-155.41: Weak, pervasive chlorite alteration

Structure

136.4-136.57: Veins; ~17cm wide chlorite seam/ vein at ~55-60 DTCA

143.62-143.72: Blocky core; A ~10cm long interval of blocky broken core

Project: Shakespeare Property	Hole Number: MMC-21-32
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From	To	Lithology
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147.26	153.51	4B - Melagabbro Melagabbro/ concentrated mineralization interval of generic gabbro, similar to previous unit. Unit is fine grained, medium grey green, massive to weakly foliated ~25 DTCA, non-magnetic. Unit contains ~80-90% amphibole and ~10-20% plagioclase. Unit is cut by wispy light green and white blue alteration (carbonate stringers and chlorite) at ~10-25 DTCA. A gabbroic clast is seen at ~152.75m surrounded by a fine green matrix. This is the only noted clast. Sulphides occur as ~5-8% disseminated + quartz-carbonate vein hosted PoCpy to ~150m, ~10-15% disseminated PoCpy to ~150.6m, and ~5% disseminated PoCpy to end of unit. Lower contact is sharp, ~30 DTCA.
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Mineralization

144.0-147.6: ~0.1-0.5% disseminated CpyPo

147.6-148.17: ~5-8% quartz-carbonate vein hosted + lower amounts disseminated CpyPo

148.17-149.28: ~3-5% disseminated CpyPo

149.28-150.0: ~5% disseminated CpyPo

150.0-150.6: ~10-15% disseminated CpyPo

150.6-152.74: ~5-8% disseminated CpyPo

152.74-153.51: ~1-3% disseminated CpyPo

Alteration

145.0-155.41: Weak, pervasive chlorite alteration

Structure

147.37-147.38: Lower contact; Lower contact is sharp, ~15 DTCA

153.5-153.51: Lower contact; lower contact is sharp, ~25 DTCA

153.51	155.41	DIA - Diabase Similar to that described from 111.96m-112.42m. Unit is very fine grained, medium grey green, massive to weakly foliated, non-magnetic. Unit has an alteration overprint of wispy white blue carbonate, and weak pervasive chlorite. Sulphides occur as ~0.5-1% quartz carbonate vein hosted CpyPo, locally up to ~3-5%. Lower contact is sharp, ~65 DTCA.
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Mineralization

153.51-154.1: ~1-3% quartz-carbonate vein hosted CpyPo

Alteration

145.0-155.41: Weak, pervasive chlorite alteration

Structure

155.4-155.41: Lower contact; lower contact is sharp, ~65 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-32
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From	To	Lithology
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155.41 156.17 QCVM - Mineralized Quartz-carbonate Vein
 Quartz carbonate vein. White to grey blue quartz, massive to locally foliated. Unit is wispy and foliated around gabbroic host rock until ~155.77m, where it turns to massive quartz veining. Matrix hosts a fine medium green gabbro/diabase. Sulphides occur as ~5% quartz carbonate vein hosted CpyPo. Lower contact is sharp, ~50 DTCA.

Mineralization

155.41-156.17: ~5% quartz-carbonate vein hosted PoCpy

Alteration

155.41-156.45: Weak-moderate, pervasive chlorite alteration, and weak patchy carbonate alteration

Structure

155.41-156.16: Veins; see major litho

156.16-156.17: Lower contact; lower contact is sharp, ~50 DTCA

156.17 158.57 DIA - Diabase
 Similar to that described from 111.96m-112.42m. Unit is massive with weak overprinting of blue white carbonate alteration. Unit is cut by mm-scale quartz carbonate stringers at ~20-70 DTCA. Sulphides occur as ~0.01-0.1% quartz-carbonate vein hosted CpyPo. Lower contact is sharp, ~30 DTCA.

Mineralization

156.17-158.6: ~0.1% disseminated PoCpy

Alteration

155.41-156.45: Weak-moderate, pervasive chlorite alteration, and weak patchy carbonate alteration

158.0-162.48: Weak-moderate, pervasive chlorite alteration, and weak patchy carbonate alteration

158.57 159.65 QCVM - Mineralized Quartz-carbonate Vein
 Similar to that described from 155.41m-156.17m. Quartz carbonate vein, white grey to white blue quartz, massive at the start and disaggregates down hole. Pale yellow carbonate is associated with the quartz. The matrix is a fine grained gabbro/diabase with weak to moderate chlorite alteration. Sulphides occur as ~3-5% CpyPo. Lower contact is sharp, ~10 DTCA.

Mineralization

156.17-158.6: ~0.1% disseminated PoCpy

158.6-159.57: ~3-5% quartz-carbonate vein hosted CpyPo

159.57-161.1: ~1-3% disseminated PoCpy

Alteration

158.0-162.48: Weak-moderate, pervasive chlorite alteration, and weak patchy carbonate alteration

Structure

158.59-158.6: Lower contact; lower contact is sharp, ~30 DTCA

158.6-159.56: Veins; see major litho

159.56-159.57: Lower contact; lower contact is sharp, ~10 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-32
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From	To	Lithology
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159.65 162.44 4B - Melagabbro
 Similar to that described from 147.38m-153.51m. Unit is massive to weakly foliated with a small interval of breccia, similarly described from 123.93m-124.87m. Weak pervasive chlorite and carbonate alteration is present. Sulphides occur as ~3% quartz-carbonate vein hosted +/- disseminated PoCpy. Lower contact is sharp, ~40 DTCA.

Mineralization

- 159.57-161.1: ~1-3% disseminated PoCpy
- 161.1-161.7: ~3% quartz-carbonate vein hosted CpyPo
- 161.7-169.0: ~0.1% disseminated PoCpy

Alteration

158.0-162.48: Weak-moderate, pervasive chlorite alteration, and weak patchy carbonate alteration

Structure

161.26-162.47: breccia; weak possible area of breccia, dominantly noticed from 162.1m-162.47m

162.44 179.99 4C - Quartz gabbro
 Quartz gabbro. Fine grained, medium green grey, massive to equigranular, non-magnetic. Unit contains ~70% amphibole, ~20-25% plagioclase, and ~5-10% quartz. Grains show a traditional gabbroic texture. Sulphides occur as ~0.1% quartz-carbonate vein hosted and disseminated CpyPo, locally up to ~5% CpyPo. Sulphides are primarily associated with the quartz carbonate stringers. Lower contact is EOH.

Mineralization

- 161.7-169.0: ~0.1% disseminated PoCpy
- 169.0-169.41: ~3-5% quartz-carbonate vein hosted CpyPo
- 169.41-174.0: ~0.1% disseminated PoCpy
- 174.0-175.0: ~0.5% disseminated PoCpy
- 175.0-177.0: ~0.01-0.1% disseminated PoCpy

Alteration

- 158.0-162.48: Weak-moderate, pervasive chlorite alteration, and weak patchy carbonate alteration
- 162.48-180.0: Weak, pervasive chlorite and weak patchy carbonate alteration

Structure

- 161.26-162.47: breccia; weak possible area of breccia, dominantly noticed from 162.1m-162.47m
- 162.47-162.48: Lower contact; lower contact is sharp, ~40 DTCA
- 179.03-179.36: Lower contact; ~33cm wide zone of carbonate and quartz veining, ~35 DTCA

179.99 180
 End of hole.

Alteration

162.48-180.0: Weak, pervasive chlorite and weak patchy carbonate alteration

Project: Shakespeare Property		Hole Number: MMC-21-33	
Hole Type: DD	Core Location:	Logging Started:	Drilling Started: Sep-06-2021
Hole Size: NQ	Claim Number:	Logging Completed:	Drilling Completed: Sep-08-2021
Purpose: Exp	Planned Depth: 222	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 222		
Coordinates			
		Type: Planned	
		Grid: NAD83 / UTM zone 17N	
		Easting: 436117	
		Northing: 5133456	
		Elevation: 320	

Target:

Comments:

From	To	Lithology
0	3	OB - Overburden 3m of casing

Structure

0.0-27.59; Bedding ranges from 35-45 DTCA

3 27.6 1A - Quartzite

Quartzite. Tan-grey to dark grey, consists of well bedded/crossbedded ~35-45 DTCA, fine to coarse sand. Unit also contains abundant bedding parallel to spotted biotite/chlorite throughout - dirty sandstone (?) and/or hornfels. Unit is cut by narrow intrusion of quartz diorite from 12.83-13m. Silicification is moderate and pervasive with weak fracture filling chlorite and hematite. Quartz-carbonate veins occur light to medium grey, 0.1-2cm ~20-30 DTCA, locally hosting Po-Cpy-Mo. Sulphides occur as quartz-carbonate vein hosted to fracture filling Po/Py+/-Cpy+/-Mo ~0.1%, locally up to 1% from 15.4-15.55m. Lower contact is obscured by broken core.

Mineralization

- 5.0-11.6: ~0.1% fracture controlled Py/Po
- 11.6-11.85: ~0.5-1.0% quartz-carbonate vein hosted Po with 0.01% Mo
- 12.59-13.51: ~0.25-0.5% quartz-carbonate vein hosted Po
- 13.51-15.36: ~0.01% fracture controlled Po
- 15.36-15.72: ~0.5-1.0% quartz-carbonate vein hosted Po with 0.01% Cpy
- 15.72-27.0: 0.01% fracture controlled Po/Py

Alteration

- 3.0-4.3: Moderate, pervasive silicification with weak, fracture filling/alteration halo hematite
- 4.3-27.6: Moderate, pervasive silicification with weak, fracture filling chlorite

Structure

- 0.0-27.59; Bedding ranges from 35-45 DTCA
- 27.59-27.6: Lower contact; Lower contact is obscured by broken core

Project: Shakespeare Property	Hole Number: MMC-21-33
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From	To	Lithology
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27.6 46.25 4D - Biotite quartz diorite
 Quartz diorite. Dark grey-blue, fine grained, massive, non magnetic. Consists of ~10% mm-scale blueish-grey quartz phenocrysts and cloudy grey plagioclase phenocrysts ~25% contained within a fine grained, aphanitic matrix of biotite-chlorite-amphibole ~65%. Weak, pervasive chlorite alteration and weak, fracture filling hematite alteration- occurs as mm-cm-scale alteration haloes around fractures. Unit is cut by 0.1-3cm medium grey to milky white quartz-carbonate veins ~10-20 DTCA. Sulphides occur as disseminated to fracture filling Po ~0.5% from 39.5-43.5m. Lower contact is gradational marked by increase silica content and lighter colour.

Mineralization
 39.62-40.16: 0.25-0.5% disseminated Po with ~0.1% fracture controlled Po
 40.16-40.54: 0.5-1.0% disseminated Po
 40.54-42.0: 0.5-1.0% fracture controlled Po/Py with ~0.25-0.50% disseminated Po
 42.0-43.37: 0.25-0.5% fracture controlled Po/Py

Alteration
 27.6-38.0: Weak, pervasive chlorite alteration with weak, fracture filling hematite
 38.0-46.25: Weak, pervasive chlorite alteration

Structure
 33.3-34.4: Veins; ~20% medium grey quartz-carbonate veining ~10 DTCA
 46.24-46.25: Lower contact; Lower contact is gradational marked by increase silica content and lighter colour.

46.25 48.37 1A - Quartzite
 Similar to that described from 3-27.6m. Bedding occurs ~25 DTCA. Beds locally contains 'floating' white grains - feldspar(?). Sulphides occur as 0.1% disseminated to fracture filling Po. Lower contact is sharp ~10 DTCA.

Mineralization
 47.0-48.0: ~0.1-0.25% disseminated Po
 48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration
 46.25-48.37: Moderate, pervasive silicification

Structure
 46.25-48.36; Bedding occurs ~25 DTCA
 48.36-48.37: Lower contact; Lower contact is sharp ~10 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-33
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From	To	Lithology
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48.37 54.68 4D - Biotite quartz diorite
 Similar to that described from 27.6-46.25m. Zone of finer grained, foliated material occurs from 51.9-52.7m - weakly sheared ~25-30 DTCA. Sulphides occur as 0.01% fracture filling Py. Lower contact is gradational marked by change in texture and lighter colour.

Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

48.37-54.68: Weak, pervasive chlorite alteration

Structure

51.9-52.7: Foliation; Foliation occurs ~30 DTCA

54.67-54.68: Lower contact; Lower contact is gradational marked by change in texture and lighter colour.

54.68 57 1A - Quartzite
 Similar to that described from 3-27.6m. Unit is more massive with no obvious bedding. <1% mm-scale quartz-carbonate+/-chlorite veinlets occur with 0.01% Py and light brown alteration haloes - sericite (?). Sulphides occur as 0.1% disseminated to fracture filling Po. Lower contact is gradational marked by darker colour and decreased silica content.

Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

54.68-57.0: Moderate, pervasive silicification

Structure

56.99-57.0: Lower contact; Lower contact is gradational marked by darker colour and decreased silica content.

57 58 4D - Biotite quartz diorite
 Similar to that described from 27.6-46.25m. Sulphides occur as 0.1% disseminated Po. Lower contact is sharp ~35 DTCA.

Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

57.0-58.0: Weak, pervasive chlorite alteration

Structure

57.99-58.0: Lower contact; Lower contact is sharp ~35 DTCA.

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From	To	Lithology
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58	58.76	1A - Quartzite Similar to that described from 3-27.6m. Unit is more massive at beginning of interval but becomes bedded toward lower contact ~50 DTCA. Sulphides occur as 0.5% fracture filling PoPy. Lower contact is sharp ~50 DTCA.
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Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

58.0-58.76: Moderate, pervasive silicification

Structure

58.0-58.75; Bedding occurs ~50 DTCA

58.75-58.76: Lower contact; Lower contact is sharp ~50 DTCA

58.76	65.6	4D - Biotite quartz diorite Similar to that described from 27.6-46.25m. Sulphides occur as 0.1% fracture filling Py. 1-2mm gouge seam with minor quartz-carbonate fill and Py occurs from 62.55-62.56m ~30 DTCA. Lower contact is marked by a transition into blocky core.
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Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

58.76-74.49: Weak, pervasive chlorite alteration

Structure

58.76-62.55: Foliation; Foliation occurs ~25 DTCA

62.55-62.56: Gouge; 1-2mm gouge seam ~30 DTCA

65.59-65.6: Lower contact; Lower contact is sharp marked by a transition into blocky core.

65.6	66.96	FLT - Fault Fault zone. Zone consists of blocky quartz diorite. Clay-rich gouge seams occur from 66.8-66.96m - cannot get orientation due to blocky nature of core. Sulphides occur as fracture filling Py ~0.1-0.25%. Lower contact is marked by a transition back into competent core.
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Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

58.76-74.49: Weak, pervasive chlorite alteration

Structure

65.6-66.8: Blocky core; Blocky core

66.8-66.95: Gouge; Blocky core and clay-rich gouge

66.95-66.96; Lower contact is sharp marked by a transition back into competent core

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From	To	Lithology
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66.96	74.49	4D - Biotite quartz diorite Similar to that described from 27.6-46.25m. Unit is weakly foliated locally ~20 DTCA. Sulphides occur as 0.1% fracture filling Po. Unit contains a block of quartzite from 71.95-72.36m. Lower contact is gradational marked by increased silica content and lighter colour.
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Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

58.76-74.49: Weak, pervasive chlorite alteration

Structure

69.0-72.0: Foliation; Weakly foliated ~20 DTCA

74.48-74.49; Lower contact is gradational marked by increased silica content and lighter colour.

74.49	77.63	1A - Quartzite Similar to that described from 3-27.6m. Unit is mostly massive with localized beds ~55-60 DTCA. Sulphides occur as 0.5% disseminated to fracture filling Po. Lower contact is sharp and irregular.
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Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

74.49-77.63: Moderate, pervasive silicification

Structure

77.0-77.62; Bedding occurs ~60 DTCA - possibly cross bedding

77.62-77.63; Lower contact is sharp and irregular.

77.63	80.35	4D - Biotite quartz diorite Similar to that described from 27.6-46.25m. Unit is weakly foliated locally ~5-10 DTCA. Sulphides occur as 0.1% fracture filling to disseminated PoPy. Unit contains cm-scale fragments of quartzite locally. Lower contact is sharp and undulatory ~5 DTCA.
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Mineralization

48.0-79.0: ~0.1% fracture controlled Po and ~0.1% fracture controlled Py

Alteration

77.63-80.35: Weak, pervasive chlorite alteration

Structure

77.63-80.34: Foliation; Weak foliation ~5-10 DTCA

80.34-80.35: Lower contact; Lower contact is sharp and undulatory ~5 DTCA.

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From	To	Lithology
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80.35	81.46	1A - Quartzite Similar to that described from 3-27.6m. Interval is massive and weakly brecciated. Sulphides occur as 0.5-1.0% disseminated to fracture filling PoPy. Lower contact is gradational marked by increased foliation intensity and darker colour.
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Alteration

80.35-81.46: Moderate, pervasive silicification

Structure

81.45-81.46: Lower contact; Lower contact is gradational marked by increased foliation intensity and darker colour.

81.46	85.55	SHR - Shearzone Sheared quartz diorite (?). Unit is medium-dark grey-green, fine grained with localized patches of recognizable quartz diorite as previously described. Foliation is moderately developed ~20-35 DTCA. 3-5mm gouge seam occurs from 83.55-83.56m ~25 DTCA. Parasitic s-fold occurs from 82.9-83m with fold axis ~35 DTCA. Chlorite alteration is weak-moderate and pervasive. Sulphides occur as 0.1% fracture filling Po. Lower contact is gradational marked by weaker foliation.
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Alteration

81.46-92.34: Weak-moderate, pervasive chlorite alteration

Structure

81.46-83.32: Shear; Foliation occurs ~20-35 DTCA with s-shaped parasitic fold from 82.9-83m with fold axis ~35 DTCA
 83.32-83.55: Gouge; 2-3mm gouge seam ~40 DTCA from 83.32-83.33m and 3-5mm gouge seam ~25 DTCA from 83.54-83.55m
 83.55-85.54: Shear; Foliation occurs ~20 DTCA
 85.54-85.55: Lower contact; Lower contact is gradational marked by weaker foliation.

85.55	92.34	4D - Biotite quartz diorite Sheared/deformed quartz diorite. Unit is grey-green with blueish hue and consists of quartz diorite as previously described with weak, fracture filling chlorite alteration and brecciated texture. Fine grained shear occurs from 92.12m to 92.34m ~30 DTCA. Sulphides occur as 0.5% disseminated to fracture filling Po. Lower contact is sharp ~40 DTCA.
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Mineralization

86.75-87.77: ~0.5% fracture filling Po
 87.77-89.09: ~0.01% fracture controlled Po
 89.09-89.44: ~0.5-1.0% fracture filling Po
 90.1-92.0: ~0.1-0.25% fracture controlled Po

Alteration

81.46-92.34: Weak-moderate, pervasive chlorite alteration

Structure

92.1-92.33: Shear; Moderately sheared ~30 DTCA
 92.33-92.34: Lower contact; Lower contact is sharp ~40 DTCA

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From	To	Lithology
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92.34	95	1A - Quartzite
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Similar to that described from 3-27.6m. Bedding ranges from 45-55 DTCA. Sulphides occur as 0.1% disseminated PoPy. Lower contact is gradational marked by darker colour.

Alteration

92.34-101.0: Moderate, pervasive silicification

Structure

92.34-94.99; Bedding ranges from 45-55 DTCA

94.99-95.0: Lower contact; Lower contact is gradational marked by darker colour.

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From	To	Lithology
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95	221.99	1B - Siltstone
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Siltstone or Greywacke (?). Unit is dark grey, well bedded ~20-50 DTCA to locally massive. Unit begins quartz-rich with glassy appearance with fine, weak, pervasive biotite/chlorite but becomes less quartz-rich with distance from upper contact. Unit largely consists of medium grey-brown, laminated muddy/silty beds interbedded with medium-dark grey sandy beds. Sericite is developed throughout. Bedding appears to be kink banded locally and possibly weakly folded - possibly soft sediment deformation. Parastic s-folds along bedding planes with axial plane parallel to bedding ~35 DTCA from 135.6-135.7m. Unit is cut by cm-scale, medium grey quartz-carbonate veining <1% ~0-20 DTCA. Sulphides occur as fracture filling to quartz-carbonate vein hosted PoPy ~0.01%, locally up to 1% at the decimeter scale (i.e., 218.78-219m). EOH

Mineralization

- 107.5-111.85: ~0.1% fracture controlled Po
- 119.4-120.0: ~0.1% fracture controlled Po
- 126.8-127.0: ~0.25-0.5% fracture controlled to quartz-carbonate vein hosted Po
- 130.52-132.0: ~0.5% fracture controlled Po
- 132.0-141.0: ~0.1% fracture controlled Po
- 141.0-141.78: ~0.5% quartz-carbonate vein hosted Po
- 141.78-142.5: ~0.25% quartz-carbonate vein hosted to fracture filling Py/Po
- 144.7-147.8: ~0.1% fracture controlled Po
- 153.6-154.0: ~0.1% fracture controlled Po
- 164.16-164.8: ~1% quartz-carbonate vein hosted Po
- 176.8-177.9: 0.1-0.25% quartz-carbonate vein hosted Py/Po
- 206.4-206.5: ~0.25-0.5% fracture controlled Po
- 210.4-210.7: ~0.25% quartz-carbonate vein hosted Py
- 212.75-212.85: ~0.5% quartz-carbonate vein hosted Po
- 217.35-217.45: ~0.25% quartz-carbonate vein hosted Po
- 218.78-219.0: ~1-2% quartz-carbonate vein hosted Po

Alteration

- 92.34-101.0: Moderate, pervasive silicification

Structure

- 95.0-100.0; Bedding occurs ~40 DTCA
- 100.0-123.0; Bedding occurs ~25-30 DTCA
- 123.0-135.6; Bedding occurs 20-25 DTCA
- 135.6-135.7: Folding; Parastic s-folds along bedding planes with axial plane parallel to bedding ~35 DTCA
- 135.7-142.0; Bedding occurs ~30-35 DTCA
- 142.0-183.0; Bedding occurs 35-45 DTCA
- 183.0-222.0; Bedding occurs ~25-30 DTCA

Project: Shakespeare Property**Hole Number:** MMC-21-33**From To Lithology****221.99 222**

EOH @ 222m

Structure

183.0-222.0; Bedding occurs ~25-30 DTCA

Project: Shakespeare Property		Hole Number: MMC-21-34					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started:	Drilling Started: Sep-09-2021		Type: Planned		
Hole Size: NQ	Claim Number:	Logging Completed:	Drilling Completed: Sep-09-2021		Grid: NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 63	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis		Easting: 436310		
Casing: Mt	Actual Depth: 63				Northing: 5133490		
Elevation: 324							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	3.5	OB - Overburden 3.5m of casing										
3.5	4.46	3A - Nipissing gabbro Gabbro. Dark grey, medium grained, massive, non magnetic. Consists of ~30-40% plagioclase with ~60-70% amphibole/pyroxene. Weak, pervasive chlorite alteration. Weak fracture filling hematite. No veining or sulphides observed. Lower contact is sharp ~50 DTCA.	E00099601	3.5	4.46	0.96	0.00401	0.0106	0.0043	0.006	0.0025	0.005
Alteration												
3.5-11.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration												
Structure												
4.45-4.46: Lower contact; Lower contact is sharp ~50 DTCA												
4.46	6	PSEU - Pseudotachylite Pseudotachylite or diabase(?). Contains subrounded fragments of melagabbro, gabbro, and diabase(?) ranging from mm-scale to 20cm. Matrix is medium to dark grey and very fine grained; ~20-30% matrix and 70-80% fragments. Weak-moderate, pervasive chlorite alteration. Weak fracture filling hematite. Sulphides occur as disseminated PoCpy concentrated within melagabbro fragments along upper contact ~5% from 4.46-4.76m. Strongly hematized fracture occurs from 4.97-5.0m ~30 DTCA - possibly a fault. Lower contact is sharp ~35 DTCA.	E00099602	4.46	4.76	0.3	0.0219	0.4522	0.3267	0.265	0.497	0.4
			E00099603	4.76	6.0	1.24	0.00529	0.0327	0.0109	0.0025	0.0025	0.005
Mineralization												
4.46-4.76: ~5-8% disseminated PoCpy												
Alteration												
3.5-11.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration												
Structure												
4.46-4.97: breccia; See major litho												
4.97-5.0: Fault; Hematized fracture; possibly fault ~30 DTCA												
5.0-5.99: breccia; See major litho												
5.99-6.0: Lower contact; Lower contact is sharp ~35 DTCA												

Project: Shakespeare Property			Hole Number: MMC-21-34									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
6	6.7	3A - Nipissing gabbro	E00099604	6.0	6.7	0.7	0.00528	0.038	0.0219	0.017	0.057	0.03
<p>Similar to that described from -3.5-4.46m. No sulphides or veining observed. Occurs as a block within the pseudotachylite unit. Lower contact is sharp and irregular.</p> <p>Alteration 3.5-11.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration</p> <p>Structure 6.69-6.7: Lower contact; Lower contact is sharp and irregular.</p>												
6.7	16.65	PSEU - Pseudotachylite	E00099605	6.7	8.0	1.3	0.00538	0.0203	0.0131	0.0025	0.006	0.005
<p>Similar to that described from 4.46-6m. ~30-40% matrix with 60-70% fragments. Upper contact is dominantly comprised of gabbro fragments as described above and fine grained diabase fragments. Interval contains large m-scale blocks of gabbro that are crosscut by diffuse bands of pseudotachylite. Unit also quartzite fragments from 12-15m. Block core intervals occur from 12-12.7m and 14.3-14.5m. Fragments of diabase become dominant again toward lower contact. Bands of strongly hematized/oxidized rock occur as patches throughout unit (i.e., 11.1-11.4m). Sulphides occur as foliation controlled/disseminated Po ~0.01% overall with up to 2-3% from 8.66-9.66m. Lower contact is sharp ~50 DTCA.</p> <p>Mineralization 8.0-8.66: ~0.1% foliation controlled to disseminated Po 8.66-9.66: ~2-3% foliation controlled to disseminated PoCpy 15.41-16.04: ~0.5-1.0% disseminated PoCpy within pseudotachylite matrix and melagabbro fragments</p> <p>Alteration 3.5-11.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration 11.0-15.5: Moderate, patchy hematite alteration with weak, pervasive chlorite alteration 15.5-31.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration</p> <p>Structure 6.7-16.64: breccia; See major litho 16.64-16.65: Lower contact; Lower contact is sharp ~50 DTCA</p>												
E00099606	8.0	8.66	0.66	0.00504	0.022	0.0144	0.006	0.013	0.01			
E00099607	8.66	9.66	1	0.0079	0.0698	0.0549	0.032	0.058	0.04			
E00099608	9.66	11.1	1.44	0.00279	0.0024	0.0072	0.0025	0.0025	0.005			
E00099609	15.41	16.04	0.63	0.00666	0.0329	0.0455	0.027	0.047	0.04			
16.65	17.6	DIA - Diabase	<p>Diabase. Dark grey, fine grained, non magnetic, massive. Consists of fine grained intergrowth of plagioclase and amphibole/pyroxene. Unit is cut by 0.1-0.5cm quartz-carbonate veinlets; localized vuggy texture with hematite along fractures. No sulphides observed. Lower contact is obscured by broken core.</p> <p>Alteration 15.5-31.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration</p>									

Project: Shakespeare Property			Hole Number: MMC-21-34									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
17.6	27.37	3A - Nipissing gabbro	E00099611	21.7	23.24	1.54	0.00483	0.0214	0.0117	0.012	0.022	0.02
Similar to that described from -3.5-4.46m. Weak, pervasive chlorite alteration with weak, fracture filling hematite. Interval is cut by 0.1-3cm light grey to white and brown quartz-carbonate veins ~30-40 DTCA. Sulphides occur as patchy disseminated Cpy>Po (~70% Cpy, 30% Po) ~1% overall with up to 5-8% from 24.98-25.83m. Lower contact is sharp ~25 DTCA.			E00099612	23.24	24.55	1.31	0.00497	0.0167	0.0175	0.025	0.052	0.02
			E00099613	24.55	24.98	0.43	0.00711	0.3303	0.0544	0.064	0.144	0.11
			E00099614	24.98	25.83	0.85	0.0172	0.5539	0.334	0.278	0.468	0.41
			E00099615	25.83	26.54	0.71	0.0152	0.2786	0.2324	0.177	0.306	0.25
			E00099616	26.54	27.37	0.83	0.00853	0.1742	0.0886	0.068	0.14	0.12
			Mineralization 24.58-24.98: ~2-3% disseminated CpyPo 24.98-25.83: ~5-8% disseminated CpyPo 25.83-27.37: ~1-2% disseminated CpyPo									
Alteration 15.5-31.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration												
Structure 19.0-20.0: Veins; ~5%, 1-2cm quartz-carbonate veins ~40-50 DTCA 27.36-27.37: Lower contact; Lower contact is sharp ~25 DTCA												
27.37	28	PSEU - Pseudotachylite	E00099617	27.37	28.0	0.63	0.0108	0.1283	0.0992	0.043	0.127	0.1
Similar to that described from 4.46-6m. ~80-90% matrix with 10-20% fragments. Fragments occur as subrounded quartz ~0.1-2cm. Chlorite alteration is weak and pervasive with weak, fracture filling hematite. No sulphides or veining observed. Lower contact is sharp ~15 DTCA.												
Alteration 15.5-31.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration												
Structure 27.37-27.99: breccia; See major litho 27.99-28.0: Lower contact; Lower contact is sharp ~15 DTCA												

Project: Shakespeare Property			Hole Number: MMC-21-34									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
28	31.5	3A - Nipissing gabbro	E00099618	28.0	28.9	0.9	0.0185	0.358	0.3329	0.238	0.461	0.4
Similar to that described from -3.5-4.46m. Weak, pervasive chlorite alteration with weak, fracture filling hematite. Interval is cut by 0.1-1cm light grey to white and brown quartz-carbonate veins ~30-40 DTCA with ~0.1% associated CpyPo. Sulphides occur as disseminated CpyPo ~3-5% overall. Lower contact is gradational marked by the appearance of weak-moderately developed foliation.			E00099619	28.9	30.0	1.1	0.0176	0.5105	0.3914	0.252	0.462	0.38
			E00099621	30.0	30.93	0.93	0.013	0.2395	0.2159	0.169	0.29	0.23
			E00099622	30.93	31.5	0.57	0.026	0.3284	0.3143	0.237	0.47	0.36
			Mineralization 28.0-28.9: ~5-8% disseminated CpyPo 28.9-31.5: ~2-3% disseminated CpyPo									
Alteration 15.5-31.0: Weak, pervasive chlorite alteration with weak, fracture controlled hematite alteration 31.0-36.45: Weak, pervasive chlorite alteration												
Structure 31.49-31.5: Lower contact; Lower contact is gradational marked by the appearance of weak-moderately developed foliation.												
31.5	32.25	SHR - Shearzone	E00099623	31.5	32.27	0.77	0.00648	0.0494	0.0624	0.042	0.063	0.05
Sheared gabbro. Foliation is weak to moderately developed ~20-30 DTCA. ~0.5-1.0% quartz-carbonate vein hosted and disseminated CpyPo. Lower contact is sharp ~5 DTCA.			Mineralization 31.5-32.27: ~0.5-1.0% disseminated CpyPo and ~0.1% quartz-carbonate vein hosted CpyPo									
Alteration 31.0-36.45: Weak, pervasive chlorite alteration												
Structure 31.5-32.26: Shear; See major litho												

Project: Shakespeare Property			Hole Number: MMC-21-34									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
32.25	38	3A - Nipissing gabbro	E00099623	31.5	32.27	0.77	0.00648	0.0494	0.0624	0.042	0.063	0.05
Similar to that described from -3.5-4.46m. Weak, pervasive chlorite alteration with weak, fracture filling hematite. Interval is cut by 0.1-1cm light grey to white and brown quartz-carbonate veins ~40-50 DTCA with ~0.5% associated CpyPo. Sulphides occur as disseminated CpyPo ~1-2% overall with up to 5-8% from 34.09-36m. Lower contact is sharp ~20 DTCA.			E00099624	32.27	32.85	0.58	0.014	0.2874	0.2211	0.179	0.304	0.26
			E00099625	32.85	34.07	1.22	0.00473	0.0064	0.0163	0.0025	0.006	0.005
			E00099626	34.07	35.09	1.02	0.01	0.1386	0.1392	0.116	0.193	0.17
Mineralization			E00099627	35.09	36.0	0.91	0.0129	0.203	0.2085	0.187	0.302	0.25
31.5-32.27: ~0.5-1.0% disseminated CpyPo and ~0.1% quartz-carbonate vein hosted CpyPo			E00099628	36.0	36.45	0.45	0.00483	0.0212	0.0299	0.006	0.01	0.005
32.27-36.0: ~5-7% disseminated CpyPo with ~0.5-1.0% fracture controlled to quartz-carbonate vein hosted CpyPo			E00099629	36.45	38.0	1.55	0.005	0.0057	0.0149	0.006	0.006	0.005
Alteration												
31.0-36.45: Weak, pervasive chlorite alteration												
36.45-38.0: Moderate, pervasive chlorite alteration												
Structure												
31.5-32.26: Shear; See major litho												
32.26-32.27: Lower contact; Lower contact is sharp ~5 DTCA												
33.9-34.4: Veins; ~10%, 1-2cm quartz-carbonate veins ~40-50 DTCA with 1-2% associated CpyPo												
37.99-38.0: Lower contact; Lower contact is sharp ~20 DTCA												
38	38.57	QCVS - Structural Infill Quartz-carbonate Vein	E00099631	38.0	38.57	0.57	0.00115	0.0006	0.0066	0.0025	0.0025	0.005
Quartz-carbonate breccia vein. Consists of brecciated medium grey quartz with light grey to white quartz-carbonate-chlorite infill. No sulphides observed. Lower contact is sharp ~10 DTCA.												
Structure												
38.0-38.56: Veins; See major litho												
38.56-38.57: Lower contact; Lower contact is sharp ~10 DTCA.												
38.57	41.72	3A - Nipissing gabbro	E00099632	38.57	40.09	1.52	0.00467	0.0016	0.0144	0.007	0.012	0.01
Similar to that described from -3.5-4.46m. Weak, pervasive chlorite alteration. Interval is cut by 0.1-1cm light grey to white and brown quartz-carbonate veins ~20-30 DTCA with ~0.1% associated CpyPo. Lower contact is gradational marked by appearance of weakly developed foliation.												
Alteration												
38.57-42.75: Moderate, pervasive chlorite alteration												
Structure												
41.71-41.72: Lower contact; Lower contact is gradational marked by appearance of weakly developed foliation.												

Project: Shakespeare Property	Hole Number: MMC-21-34
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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41.72 42.75 SHR - Shearzone

Sheared gabbro. Foliation is weak developed ~40 DTCA. Chlorite alteration is moderate and pervasive. No sulphides observed. Lower contact is gradational marked by disappearance of weak foliation.

Alteration

38.57-42.75: Moderate, pervasive chlorite alteration

Structure

41.72-42.74: Shear; See major litho

42.74-42.75: Lower contact; Lower contact is gradational marked by disappearance of weakly developed foliation.

42.75 61.25 3A - Nipissing gabbro

Similar to that described from -3.5-4.46m. Weak, pervasive chlorite alteration. Narrow shear ~55 DTCA occurs from 55.51-55.67m associated with moderate, pervasive chlorite alteration. Interval is cut by 0.1-1cm light grey to white and brown quartz-carbonate veins ~35-50 DTCA. No sulphides observed. Lower contact is sharp ~25 DTCA.

Alteration

42.75-55.51: Weak, pervasive chlorite alteration

55.51-55.67: Moderate, pervasive chlorite alteration

55.67-63.0: Weak, pervasive chlorite alteration

Structure

55.51-55.67: Shear; Narrow shear ~55 DTCA occurs from 55.51-55.67m associated with moderate, pervasive chlorite alteration.

61.24-61.25: Lower contact; Lower contact is sharp ~25 DTCA

61.25 61.65 FLT - Fault

Fault as indicated by drillers block. Drillers reported to have lost 15-20cm of core through this interval. From to measurement has been made from upper and lower blocks. Minor cm-scale rock fragments and chloritic slickensides occur along fracture faces with minor hematite. No sulphides observed. Lower contact is sharp ~25 DTCA.

Alteration

55.67-63.0: Weak, pervasive chlorite alteration

Structure

61.25-61.64: Fault; See major litho

61.64-61.65: Lower contact; Lower contact is sharp ~25 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-34
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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61.65 62.99 3A - Nipissing gabbro

Similar to that described from -3.5-4.46m. Weak, pervasive chlorite alteration. Interval is cut by 0.1-1cm light grey to white and brown quartz-carbonate veins ~25-50 DTCA. No sulphides observed. EOH

Alteration

55.67-63.0: Weak, pervasive chlorite alteration

62.99 63

EOH @ 63m

Alteration

55.67-63.0: Weak, pervasive chlorite alteration

Project: Shakespeare Property		Hole Number: MMC-21-35	
Hole Type: DD	Core Location:	Logging Started:	Drilling Started: Sep-09-2021
Hole Size: NQ	Claim Number:	Logging Completed: Sep-18-2021	Drilling Completed: Sep-11-2021
Purpose: Exp	Planned Depth: 235	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 237		
Coordinates			
		Type: Planned	
		Grid: NAD83 / UTM zone 17N	
		Easting: 435619	
		Northing: 5133214	
		Elevation: 284	

Target:

Comments:

From	To	Lithology
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0	6	OB - Overburden
6 m of casing		

6	8.24	4D - Biotite quartz diorite
Quartz diorite. Dark grey, fine grained to aphanitic, non magnetic, weakly foliated (75 DTCA) to massive. Consists of salt and pepper-like intergrowth or plagioclase-quartz and amphibole. Hematite stained fractures occur along core breaks. Weak, pervasive chlorite alteration. No sulphides observed. Lower contact is sharp ~75 DTCA.		

Alteration

6.0-8.24: Weak, pervasive chlorite alteration

Structure

6.0-8.23: Foliation; Foliation ~75 DTCA

8.23-8.24: Lower contact; Lower contact is sharp ~75 DTCA.

8.24	17.75	1A - Quartzite
Quartzite. Medium to dark grey, well bedded ~75 DTCA, non magnetic. Consists of >90% largely recrystallized quartz. May contain minor intrusions of quartz diorite based on localized dark grey colouration (?). Silicification is moderate and pervasive with weak, patchy chlorite alteration associated with quartz diorite intrusions. Unit contains ~0.01% fracture filling Po. Lower contact is sharp ~65 DTCA.		

Mineralization

12.5-24.34: ~0.01% fracture controlled Po

Alteration

8.24-17.75: Moderate, pervasive silicification

Structure

8.24-17.74; Bedding ~75 DTCA

17.74-17.75: Lower contact; Lower contact is sharp ~65 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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17.75 19.5 4D - Biotite quartz diorite
 Similar to that described from 6-8.24m. 0.01% fracture filling Po. Lower contact is gradational marked by lighter colour and increased silica content.

Mineralization

12.5-24.34: ~0.01% fracture controlled Po

Alteration

17.75-19.5: Weak, pervasive chlorite alteration

Structure

17.75-19.49: Foliation; Foliation ~75 DTCA

19.49-19.5: Lower contact; Lower contact is gradational marked by lighter colour and increased silica content.

19.5 25.07 1A - Quartzite
 Quartzite. Medium to dark grey, massive, non magnetic. Consists of >90% largely recrystallized quartz. Silicification is moderate and pervasive. Sulphides occur as 0.1% quartz-carbonate vein hosted PoCpy; locally up to 2-3% QCVH PoCpy from 24.34-24.78m. Unit is cut by <1%, cm-scale, medium grey quartz veins ~0-15 DTCA. Lower contact is sharp ~70 DTCA.

Mineralization

12.5-24.34: ~0.01% fracture controlled Po

24.34-24.78: 1-2% quartz-carbonate vein hosted Po+/-Cpy

Alteration

19.5-25.07: Moderate, pervasive silicification

Structure

24.3-24.78: Veins; Medium grey quartz-carbonate veins ~0-15 DTCA with ~1-2% Po

25.06-25.07: Lower contact; Lower contact is sharp ~70 DTCA.

25.07 36.68 2A - Greywacke
 Greywacke or interbedded siltstone and quartzite(?). Medium grey-green, weakly-moderately foliated/bedded ~50-60 DTCA. Finely laminated siltstone beds display significant S-folding and strong foliation relative to quartzite beds and have absorbed the majority of strain. Interbeds of harder quartzite occur at the metre to sub-metre scale. Chlorite alteration is weak-moderate and pervasive. Localized cm-scale bleaching alteration halos surrounding fractures. Sulphides occur as 0.01% quartz-carbonate vein hosted and fracture filling Po. Lower contact is sharp ~75-85 DTCA.

Mineralization

25.15-34.0: ~0.01% fracture controlled Po

34.0-35.0: ~0.1-0.25% quartz-carbonate vein hosted Po

35.0-42.0: ~0.1% fracture controlled to quartz-carbonate vein hosted Po

Alteration

25.07-36.68: Moderate, patchy silicification of quartzite beds and weak, pervasive chlorite alteration

Structure

25.07-30.35: Folding; Strongly foliated siltstone ~65 DTCA with strong S-folding with fold axes ~40-55 DTCA

36.67-36.68: Lower contact; Lower contact is sharp ~75-85 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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36.68	37.97	SHR - Shearzone Sheared metasediment (?). Moderately to strongly foliated ~75 DTCA. Moderate, pervasive chlorite alteration. Sulphides occur as 0.01% fracture filling Po. <1% cm-scale, white-light grey quartz veins occur parallel to foliation. Two 2-5mm gouge seams occur @37.65m and 37.78m ~75 and 85 DTCA, respectively. Lower contact is obscured by broken core.
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Mineralization

35.0-42.0: ~0.1% fracture controlled to quartz-carbonate vein hosted Po

Alteration

36.68-37.97: Moderate, pervasive chlorite alteration

Structure

36.68-37.65: Shear; See major litho

37.65-37.66: Gouge; 1-2mm gouge seam ~75 DTCA

37.66-37.78: Shear; See major litho

37.78-37.79: Gouge; 5mm gouge seam ~85 DTCA

37.79-37.96: Shear; See major litho

37.96-37.97: Lower contact; Lower contact is obscured by broken core.

37.97	43.79	2A - Greywacke Similar to that described from 19.5-36.68m. Foliation/bedding is well developed ~60 DTCA. Sulphides occur as 0.1% quartz-carbonate vein hosted to fracture filling Po. <1% medium grey, sub-cm, quartz-carbonate veins cut unit ~25-60 DTCA. Lower contact is sharp marked by the transition into blocky core.
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Mineralization

35.0-42.0: ~0.1% fracture controlled to quartz-carbonate vein hosted Po

Alteration

37.97-43.79: Moderate, patchy silicification of quartzite beds and weak, pervasive chlorite alteration

Structure

40.0-40.3

42.0-43.78: Foliation

43.78-43.79: Lower contact; Lower contact is sharp marked by the transition into blocky core.

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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43.79 47.42 FLT - Fault
 Fault zone. Unit ls blocky with RQD values between 15-25%. Interval appears to be highly broken and altered metasediment. Silicification is moderate and pervasive with moderate, patchy chlorite alteration. Patch of orange alteration (?) occurs from 45.5-45.76m. 2-3mm gouge seams occur @45.27m, 46.37m, and 46.57m ~50-70 DTCA. 0.01% fracture filling Po. Lower contact is obscured by broken core.

Alteration

43.79-49.62: Silicification is moderate and pervasive with moderate, patchy chlorite alteration.

Structure

- 43.79-45.27: Fault; See major litho
- 45.27-45.28: Gouge; 2-3mm gouge seam ~50 DTCA
- 45.28-46.37: Fault; See major litho
- 46.37-46.38: Gouge; 1-2mm gouge seam ~70 DTCA
- 46.38-46.57: Fault; See major litho
- 46.57-46.58: Gouge; 1-2mm gouge seam ~70 DTCA
- 46.58-46.79: Fault; See major litho
- 46.79-46.8: Gouge; 1mm gouge seam ~60 DTCA
- 46.8-47.41: Fault; See major litho
- 47.41-47.42: Lower contact; Lower contact is obscured by broken core.

47.42 47.58 QCVS - Structural Infill Quartz-carbonate Vein
 Structural infill quartz vein. White, contains cm-scale subangular fragments of chloritized wall rock. Veins orientation is estimated ~50-60 DTCA based on lower contact. No sulphides observed. Lower contact is sharp ~55 DTCA.

Alteration

43.79-49.62: Silicification is moderate and pervasive with moderate, patchy chlorite alteration.

Structure

- 47.42-47.57: Veins; See major litho
- 47.57-47.58; Lower contact is sharp ~55 DTCA.

47.58 49.62 FLT - Fault
 Same fault zone as described from 43.79-47.42m. Contains ~5% light grey to white quartz veins ~35-45 DTCA. Euhedral carbonate and quartz locally occurs along fracture faces. Sulphides occur as 0.01% quartz-carbonate vein hosted to fracture filling Po. Lower contact is sharp, marked by the transition back into competent core.

Alteration

43.79-49.62: Silicification is moderate and pervasive with moderate, patchy chlorite alteration.

Structure

- 47.58-49.61: Fault; See major litho
- 49.61-49.62: Lower contact; Lower contact is sharp, marked by the transition back into competent core.

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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49.62 51.18 4D - Biotite quartz diorite
 Quartz diorite (?). Medium grey-green, fine grained, non magnetic, weakly foliated ~40-50 DTCA. Chlorite alteration is moderate and pervasive with moderate, patchy silicification associated with quartzite fragments. Sulphides occur as ~1.0% quartz-carbonate vein hosted Po. Lower contact is sharp ~45 DTCA.

Alteration

49.62-60.76: Chlorite alteration is moderate and pervasive with moderate, patchy silicification associated with quartzite fragments.

Structure

49.62-51.17: Foliation

51.17-51.18: Lower contact; Lower contact is sharp ~45 DTCA

51.18 51.32 QCVM - Mineralized Quartz-carbonate Vein
 Mineralized quartz vein. Medium grey to off white, weakly laminated with chloritic laminae towards center of vein ~50 DTCA. Sulphides occur as ~0.1% Po along chloritic laminae. Lower contact is sharp ~55 DTCA.

Mineralization

51.18-52.45: ~1-2% quartz-carbonate vein hosted Po+/-Cpy

Alteration

49.62-60.76: Chlorite alteration is moderate and pervasive with moderate, patchy silicification associated with quartzite fragments.

Structure

51.18-51.31: Veins; See major litho

51.31-51.32: Lower contact; Lower contact is sharp ~55 DTCA

51.32 55.45 4D - Biotite quartz diorite
 Same unit as described from 49.62-51.18m. 10-15 aplite intrusion or fragment occurs @52.43-52.53m. Lower contact is sharp ~70 DTCA.

Mineralization

51.18-52.45: ~1-2% quartz-carbonate vein hosted Po+/-Cpy

53.65-54.0: ~0.5-1.0% quartz-carbonate vein hosted Po+/-Cpy

54.0-55.45: ~0.25-0.5% quartz-carbonate vein hosted PoCpy

Alteration

49.62-60.76: Chlorite alteration is moderate and pervasive with moderate, patchy silicification associated with quartzite fragments.

Structure

51.32-55.44: Veins; ~5% quartz-carbonate veins ~50-60 DTCA, subparallel to foliation. Veins contain ~1% Po+/-Cpy

55.44-55.45: Lower contact; Lower contact is sharp ~70 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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55.45 55.55 QCVM - Mineralized Quartz-carbonate Vein
 Similar to that described from 51.18-51.32m. Sulphides occur ~5% Po. Chloritic laminae occur ~45 DTCA. Lower contact is sharp ~55 DTCA.

Mineralization

55.45-55.55: ~2-3% quartz-carbonate vein hosted Po+/-Cpy

Alteration

49.62-60.76: Chlorite alteration is moderate and pervasive with moderate, patchy silicification associated with quartzite fragments.

Structure

55.45-55.54: Veins; See major litho

55.54-55.55: Lower contact; Lower contact is sharp ~55 DTCA

55.55 60.76 4D - Biotite quartz diorite
 Same unit as described from 49.62-51.18m. Unit contains ~10% quartzite fragments occur oriented parallel to foliation ~45 DTCA. Sulphides occur as ~1% foliation controlled to disseminated Po with ~0.5% quartz-carbonate vein hosted PoCpy. <1%, cm-scale medium grey quartz veins occur ~50-60 DTCA. Lower contact is sharp marked by 2-3mm gouge seam ~40 DTCA.

Mineralization

55.55-60.76: ~0.5-1.0% quartz-carbonate vein hosted PoCpy with ~1% foliation controlled Po

Alteration

49.62-60.76: Chlorite alteration is moderate and pervasive with moderate, patchy silicification associated with quartzite fragments.

Structure

55.55-60.6: Foliation; Foliation ranges from 40-50 DTCA

60.6-60.75: Blocky core; Blocky core

60.75-60.76: Lower contact; Lower contact is sharp marked by 2-3mm gouge seam ~40 DTCA.

60.76 63.82 4B - Melagabbro
 Melagabbro (?) or amphibole-rich gabbro. Medium green, fine grained, weakly-moderately foliated ~55-60 DTCA, non magnetic. Contains 1-4mm, dark green-grey phenocrysts - relict pyroxene (?). Chlorite alteration is moderate and pervasive. 0.01% quartz-carbonate vein hosted PoCpy. Unit is cut by <1%, medium grey quartz-carbonate veins ~30 DTCA. Lower contact is sharp and irregular.

Alteration

60.76-117.31: Weak-moderate, pervasive chlorite alteration

Structure

60.76-63.81: Foliation; Foliation ranges from ~55-60 DTCA

63.81-63.82: Lower contact; Lower contact is sharp and irregular.

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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63.82 63.98 QCVM - Mineralized Quartz-carbonate Vein
 Similar to that described from 51.18-51.32m. Sulphides occur ~2-3% Po. Unit contains abundant chlorite that is foliated ~55 DTCA. Lower contact is sharp and irregular.

Mineralization

63.82-63.98: ~2-3% quartz-carbonate vein hosted Po

Alteration

60.76-117.31: Weak-moderate, pervasive chlorite alteration

Structure

63.82-63.97: Veins; See major litho

63.97-63.98: Lower contact; Bedding/foliation of siltstone unit ~55 DTCA

63.98 117.31 1B - Siltstone
 Siltstone with minor cm-scale beds of sandstone. Medium brown-green, well laminated/bedded ~55-75 DTCA. Unit also displays foliation ~40-45 DTCA. Bedding disappears ~104.5m. Contains a 2-3mm gouge seam @ 72.13m. Weak-moderate, pervasive chlorite alteration. Sulphides occur as foliation controlled Po ~0.01%; locally up to 2% at lower contact (116.4-117.31m) and up to 0.5% (i.e., 71.3-71.6m). Unit is cut by cm-scale quartz-carbonate veins subparallel to bedding. Lower contact is sharp and irregular.

Mineralization

67.65-67.75: ~0.25-0.50% quartz-carbonate vein hosted Po

71.25-71.64: ~0.5-1.0% fracture controlled Po

78.0-82.0: ~0.5% fracture controlled Po

87.6-87.9: ~0.5% quartz-carbonate vein hosted Po

106.6-106.7: ~0.25-0.50% fracture controlled Po

108.0-111.41: ~0.1-0.25% fracture filling Po

111.41-117.31: ~2-3% foliation controlled Po+/-Cpy

Alteration

60.76-117.31: Weak-moderate, pervasive chlorite alteration

Structure

63.98-72.13

72.13-72.14: Gouge; 2-3mm gouge seam ~50 DTCA

72.14-104.5: Foliation; Bedding of siltstone unit ~75 DTCA with foliation ~40-45 DTCA

104.5-117.3: Foliation; Foliation of siltstone unit ~40 DTCA

117.3-117.31: Lower contact; Lower contact is sharp and irregular.

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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117.31	126.56	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix</p> <p>Magmatic breccia. Consists of dark green-grey, fine grained, non magnetic, gabbroic matrix (~70%) with abundant cm-scale, subangular to subrounded quartzite fragments. Unit is cut by <1% light grey quartz-carbonate veins ~30 DTCA. Contains ~2-3% fracture filling to disseminated Po+/-Cpy. Chlorite alteration is weak-moderate and pervasive with moderate, patchy silicification. Lower contact is sharp ~80 DTCA.</p>
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Mineralization

- 117.31-117.81: ~3-5% disseminated Po+/-Cpy
- 117.81-121.47: ~1% disseminated Po+/-Cpy
- 121.47-125.07: ~3-5% fracture controlled to disseminated Po+/-Cpy
- 125.07-133.19: ~1% disseminated Po+/-Cpy

Alteration

117.31-126.56: Chlorite alteration is weak-moderate and pervasive with moderate, patchy silicification.

Structure

- 117.31-126.55: breccia; See major litho
- 126.55-126.56: Lower contact; Lower contact is sharp ~80 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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126.56 173.25 1A - Quartzite

Quartzite. Medium to dark grey, massive to weakly foliated ~35 DTCA, non magnetic. Consists of >90% largely recrystallized quartz. Silicification is moderate and pervasive with weak-moderate fracture filling chlorite. Increased fracturing and associated chlorite alteration occurs from 158.53-173.25m. Patchy quartz-carbonate vein hosted CpyPo occurs from 163-167 m ~2-3%. Sulphides occur as fracture filling to quartz-carbonate vein hosted PoCpy up to ~3-5% (i.e., 150.26-150.44m). Unit is cut by <1%, cm-scale, medium grey, cloudy quartz veins ~30-65 DTCA. Lower contact is sharp ~65 DTCA.

Mineralization

- 125.07-133.19: ~1% disseminated Po+/-Cpy
- 133.19-150.26: ~0.5% disseminated Po+/-Cpy
- 150.26-161.25: ~0.1-0.25% fracture controlled Po+/-Cpy
- 161.84-163.37: ~0.1-0.25% fracture controlled Cpy
- 163.37-163.87: ~2-3% fracture controlled CpyPo
- 163.87-166.04: ~0.1-0.25% fracture controlled Cpy
- 166.04-166.66: ~1-2% fracture controlled CpyPo

Alteration

- 126.56-150.0: Moderate, pervasive silicification
- 150.0-152.31: Chlorite alteration is weak and pervasive with moderate, pervasive silicification.
- 152.31-158.53: Moderate, pervasive silicification.
- 158.53-173.25: Weak-moderate fracture controlled chlorite alteration with moderate, pervasive silicification

Structure

- 126.56-135.5: Foliation; Weak foliation of quartzite ~35 DTCA
- 150.33-150.39: Veins; 5cm light grey-white quartz-carbonate vein with ~3-5% PoCpy ~70 DTCA
- 163.37-166.8: Veins; Light grey to white quartz-carbonate vein ~30-50 DTCA with ~1-2% CpyPo
- 173.24-173.25: Lower contact; Lower contact is sharp ~65 DTCA

173.25 181.6 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix

Magmatic breccia. Consists of dark green-grey, fine grained, non magnetic, gabbro to quartz gabbro matrix (~60-70%) with abundant cm-scale, subangular to subrounded quartzite, gabbro, and laminated siltstone fragments. Unit is cut by <1% light grey quartz-carbonate veins ~35 DTCA. Chlorite alteration is weak-moderate and pervasive. Lower contact is sharp ~10 DTCA.

Alteration

- 173.25-181.6: Weak, pervasive chlorite alteration with moderate, patchy silicification associated with quartzite fragments

Structure

- 173.25-181.59: breccia; See major litho
- 181.59-181.6: Lower contact; Lower contact is sharp ~10 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-35
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From	To	Lithology
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181.6 186.79 1A - Quartzite
 Same as described from 126.56-173.25m. Lower contact is brecciated by underlying gabbro.

Alteration

181.6-186.79: Moderate, pervasive silicification

Structure

186.69-186.78: breccia; Brecciated lower contact of quartzite. Fragments are angular and have chloritized gabbroic matrix intruding.
 186.78-186.79: Lower contact; Lower contact is brecciated by underlying gabbro.

186.79 236.99 3B - Nipissing quartz gabbro
 Quartz Gabbro. Dark grey-green, fine to coarse grained with chilled upper contact and coarsens downhole to ~225m where medium grains persist, non magnetic, massive. Consists of ~50-60% amphibole/pyroxene, 30-40% plagioclase, and 5-10% quartz. Strong chlorite alteration occurs along upper contact ~20cm wide. Weak, patchy hematite alteration of plagioclase occurs throughout. Sulphides occur as 0.01% quartz-carbonate vein hosted Cpy. Interval is cut by light grey to white quartz-carbonate veins ~30-75 DTCA. Lower contact is marked by end of hole.

Mineralization

211.2-211.4: ~0.1-0.5% fracture controlled Cpy
 216.0-216.5: ~0.1% disseminated Po

Alteration

186.79-187.1: Moderate to strong, pervasive chlorite alteration
 193.0-237.0: Weak, patchy hematite alteration of plagioclase, and weak pervasive chlorite alterations following fractures from 209-216m.

Structure

210.32-211.09: Broken core; Broken core along chlorite vein ~ parallel to core axis

236.99 237

Alteration

193.0-237.0: Weak, patchy hematite alteration of plagioclase, and weak pervasive chlorite alterations following fractures from 209-216m.

Project: Shakespeare Property		Hole Number: MMC-21-36					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Sep-27-2021	Drilling Started: Sep-12-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Sep-28-2021	Drilling Completed: Sep-13-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 126	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis	Easting:	436816		
Casing: Mt	Actual Depth: 126			Northing:	5133700		
Elevation: 347							

Target:

Comments:

From	To	Lithology
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0	2	OB - Overburden 2m of casing
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2	26.75	1A - Quartzite Quartzite. Tan brown/grey, non-magnetic, weakly bedded at ~60-70 DTCA. Consists of >90% recrystallized quartz. Moderate to strong, pervasive silicification and weak fracture filling chlorite alteration. Hematite stained fractures occur throughout. Sulphides occur as 0.01% disseminated to fracture filling Po. Lower contact is sharp, ~40 DTCA.
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Mineralization

17.5-18.0: ~0.01% fracture controlled Py

Alteration

2.0-26.75: Silicification is moderate-strong and pervasive with weak, fracture filling hematite

Structure

- 2.0-6.3: Blocky core; blocky ground with hematite stained fractures
- 6.3-17.5; Variably developed bedding ~65-70 DTCA
- 17.5-18.0: Blocky core; blocky core
- 18.0-25.85; Variably developed bedding ~65-70 DTCA
- 25.85-26.4: Blocky core; blocky ground with hematite stained fractures
- 26.74-26.75: Lower contact; Lower contact is sharp ~40 DTCA

26.75	27.45	SHR - Shearzone Sheared gabbro. Dark brown-green, fine grained, non magnetic, moderately to strong foliated ~50 DTCA. Foliation is folded from 27.1-27.4m with fold axis ~35 DTCA(?). Chlorite alteration is moderate and pervasive with moderate, patchy carbonate alteration. No sulphides observed. Lower contact is sharp ~25 DTCA.
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Alteration

26.75-27.45: Moderate, pervasive chlorite alteration with weak-moderate, pervasive carbonate alteration

Structure

26.75-27.45: Shear; See major litho

Project: Shakespeare Property	Hole Number: MMC-21-36
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From	To	Lithology
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27.45	29.63	DIA - Diabase Diabase(?) or continuation of sheared gabbro. Dark brown-green, fine grained, non magnetic, weakly to moderately foliated ~45-50 DTCA. Chlorite alteration is moderate and pervasive. No sulphides observed. Lower contact is sharp ~50 DTCA.
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Alteration

27.45-29.63: Weak-moderate, pervasive chlorite alteration

Structure

27.45-29.62: Foliation; Weak foliation ~45 DTCA

29.62-29.63: Lower contact; Lower contact is sharp ~50 DTCA

29.63	31.28	1A - Quartzite Similar to that described from 2-26.75m. Unit is cut by breccia from 30.23-30.4m Breccia is dark brown-green, fine grained, appears crystalline- possibly diabase as described above or pseudotachylite. Silicification is moderate-strong and pervasive. Sulphides occur as 0.5-1.0% disseminated Py. Lower contact is sharp ~70 DTCA.
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Mineralization

29.63-34.3: ~0.1% fracture controlled Po

Alteration

29.63-31.28: Silicification is moderate-strong and pervasive

Structure

31.27-31.28: Lower contact; Lower contact is sharp ~70 DTCA.

31.28	33.14	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Breccia. Possibly pseudotachylite or magmatic breccia. Matrix is fine grained and appears to be gabbroic to quartz gabbroic in composition. Fragments occur as 0.1-20cm, subangular to subrounded quartzite. Matrix makes up ~75%, while fragments ~25%. Matrix is locally foliated ~50 DTCA. Chlorite alteration is weak and pervasive with moderate to strong silicification associated with quartzite fragments. No sulphides observed. Lower contact is sharp and irregular.
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Mineralization

29.63-34.3: ~0.1% fracture controlled Po

Alteration

31.28-33.14: Chlorite alteration is weak and pervasive with moderate to strong silicification associated with quartzite fragments.

Structure

31.28-33.13: breccia; See major litho

33.13-33.14: Lower contact; Lower contact is sharp and irregular.

Project: Shakespeare Property	Hole Number: MMC-21-36
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From	To	Lithology
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33.14	66.53	4C - Quartz gabbro Quartz gabbro. Dark grey, medium grained, non magnetic, weakly varitextured. Consists of ~30-40% plagioclase, 55-65% amphibole/pyroxene, and ~5% quartz. Plagioclase and quartz content locally vary associated with varitexture. Unit appears to have lower plagioclase content from 54m-66.53 but may zone of chlorite alteration. A 1-2mm gouge seam occurs @51.28m ~40 DTCA. A 15cm light grey aplite intrusion occurs from 51.95-52.1m associated with ~3% fracture filling Cpy. Interval is cut by 0.1-3cm, light grey to white quartz-carbonate veins ~50-75 DTCA. Sulphides occur as disseminated PoCpy ~5-8% from 45.4-46.76m and 47.47-48.98m. Minor fracture filling CpyPo also occurs locally ~0.1% overall. Lower contact is sharp ~80 DTCA.
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Mineralization

- 29.63-34.3: ~0.1% fracture controlled Po
- 34.3-36.0: 0.01% disseminated Po
- 41.05-42.4: 0.01% disseminated Po
- 42.4-42.58: ~2-3% fracture controlled to disseminated PoCpy
- 45.4-46.76: 5-8% disseminated PoCpy
- 46.76-47.47: 0.1% disseminated PoCpy
- 47.47-48.98: 5-8% disseminated PoCpy
- 50.47-51.93: 0.01% disseminated PoCpy
- 51.93-52.1: 2-3% fracture controlled CpyPo
- 60.0-61.0: 0.01% disseminated Po

Alteration

- 33.14-67.1: Weak, patchy chlorite alteration

Structure

- 35.0-45.0: Veins; Interval is cut by 0.1-3cm, light grey to white quartz-carbonate veins ~50-75 DTCA.
- 51.27-51.28: Gouge; 1-2mm gouge seam ~40 DTCA
- 65.15-65.25: Veins; 10cm quartz-carbonate vein ~5-10 DTCA
- 66.52-66.53: Lower contact; Lower contact is sharp ~80 DTCA

66.53	67.1	4C - Quartz gabbro Similar to previous unit but has sharp contact transitioning from fine-medium grained gabbro to medium-coarse grained gabbro. No sulphides or veining observed. Lower contact is sharp ~20 DTCA.
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Alteration

- 33.14-67.1: Weak, patchy chlorite alteration

Structure

- 67.09-67.1: Lower contact; Lower contact is sharp ~20 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-36
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From	To	Lithology
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67.1 67.3 QCVS - Structural Infill Quartz-carbonate Vein
 Quartz-carbonate vein. Light grey to white, massive with <5% angular wall rock fragments. No sulphides observed. Vein is oriented 20 DTCA. Lower contact is sharp ~20 DTCA.

Structure

67.1-67.29: Veins; See major litho

67.29-67.3: Lower contact; Lower contact is sharp ~20 DTCA.

67.3 70.68 4C - Quartz gabbro
 Same unit as described from 66.53-67.1m. Lower contact is sharp and irregular.

Alteration

67.3-70.68: Weak, patchy chlorite alteration

Structure

68.3-68.45: Veins; 15cm light grey to white quartz-carbonate vein ~25 DTCA

70.67-70.68: Lower contact; Lower contact is sharp and irregular.

70.68 72.7 1A - Quartzite
 Similar to that described from 2-26.75m. Silicification is moderate-strong and pervasive. Fracture filling chlorite occurs weak and pervasive. Unit has 10cm zone of rubble along lower contact. Sulphides occur as ~0.5 disseminated to fracture filling Po. Lower contact is sharp ~70 DTCA.

Mineralization

71.35-72.7: ~0.5% fracture controlled Po

Alteration

70.68-72.7: Silicification is moderate-strong and pervasive

Structure

72.69-72.7: Lower contact; Lower contact is sharp ~70 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-36
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From	To	Lithology
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72.7 125.99 3A - Nipissing gabbro
 Gabbro. Dark grey, medium grained, massive, non magnetic. Consists of 30-40% plagioclase with 60-70% amphibole/pyroxene. Unit appears darker with less visible plagioclase along lower contact and increases in plagioclase content further into unit. Interval of rubbly core occurs from 124.5-124.7m. Chlorite alteration is weak and patchy, occurring dominantly as quartz-carbonate vein alteration halos. Weak, patchy hematite staining of plagioclase locally. Interval is cut by <1% medium grey to white quartz-carbonate veining ~0-55 DTCA. Sulphides occur as 0.01% fracture filling to quartz-carbonate vein hosted PoCpy. EOH

Mineralization
 79.5-80.0: 0.01% disseminated Cpy
 83.1-83.2: ~0.1% fracture controlled Cpy
 95.2-96.8: 0.01% fracture controlled PoCpy

Alteration
 72.7-126.0: Weak, patchy chlorite alteration

Structure
 80.0-80.75: Veins; ~25% medium grey, irregular quartz-carbonate veining ~0 DTCA
 90.48-90.53: Veins; 5cm laminated, medium grey quartz-carbonate-chlorite vein ~20 DTCA
 101.28-101.36; 8cm massive, light grey to white quartz-carbonate vein ~55 DTCA
 117.1-117.3: Veins; 3cm medium grey-white quartz-carbonate ~10 DTCA
 124.5-124.8: Blocky core; blocky core

125.99	126	
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Alteration
 72.7-126.0: Weak, patchy chlorite alteration

Project: Shakespeare Property		Hole Number: MMC-21-37	
Drill Hole		Logging	Drilling
Hole Type: DD	Core Location:	Logging Started: Sep-29-2021	Drilling Started: Sep-14-2021
Hole Size: NQ	Claim Number:	Logging Completed: Oct-03-2021	Drilling Completed: Sep-16-2021
Purpose: Exp	Planned Depth: 159	Logged By: G.Hamilton and C.Caskenette	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 159		
Coordinates			
		Type: Planned	
		Grid: NAD83 / UTM zone 17N	
		Easting: 436816.4	
		Northing: 5133700	
		Elevation: 347	
Target:			
Comments:			
From	To	Lithology	

0	1.5	OB - Overburden
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1.5	36.36	1A - Quartzite
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Quartzite. Unit is fine grained, medium dark grey to dirty tan brown, bedded, non-magnetic. Unit is composed of ~90% recrystallized quartz. Bedding occurs at ~40-55 DTCA. Beds range from ~0.5-1cm wide, up to the decimeter scale and are locally crossbedded. Alternating beds of dark and light makes unit appear "dirty" or non-homogenous with silty material interbedded. Narrow quartz diorite intrusion occurs from 17.22-17.44m ~25-40 DTCA associated with ~0.5% disseminated Po. Moderate, pervasive silicification is present with oxidization on fracture faces. Bedding appears drag folded ~50 DTCA or possibly strangely crossbedded from 24.6-24.7m. Broken core is present at ~2m and ~4.6m (potential faults). Sulphides occur as ~0.01% fracture-fill Po. Lower contact is gradational marked by increased silt content ~55-60 DTCA.

Mineralization

- 17.22-17.44: ~0.5-1% disseminated Po
- 21.4-21.5: ~0.5% fracture controlled Py
- 26.3-26.6: ~0.5% fracture controlled Py
- 32.5-58.0: ~0.01% fracture controlled Po

Alteration

1.5-36.36: Moderate-strong, pervasive silicification with weak, fracture filling hematite

Structure

- 1.5-11.0; Bedding occurs ~50 DTCA
- 11.0-19.0; Bedding occurs ~40 DTCA
- 19.0-22.65; Bedding occurs ~50 DTCA
- 22.65-24.6: Foliation; Interval appears weakly-moderately foliated ~40 DTCA and has blocky core from 22.85-23.1m. - possibly weak shear(?)
- 24.6-24.7: Folding; Possibly drag folding ~50 DTCA along bedding planes or strange crossbedding
- 24.7-36.35; Bedding occurs ~50-55 DTCA
- 36.35-36.36: Lower contact; Lower contact is gradational marked by increased silt content ~55-60 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-37
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From	To	Lithology
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36.36	47.17	2A - Greywacke Interbedded siltstone and silty quartzite. Medium grey, composed of alternating beds of dark brown silty/muddy beds and medium grey to tan arenitic, quartz-rich beds. Bedding is well developed ~45-50 DTCA. Silicification is moderate and pervasive with weak chlorite alteration concentrated within silty beds. No sulphides or veining observed. Lower contact is sharp ~55 DTCA.
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Mineralization

32.5-58.0: ~0.01% fracture controlled Po

Alteration

36.36-47.27: Moderate, pervasive silicification with weak, patchy chlorite alteration

Structure

36.36-47.26; Bedding ranges from 45-50 DTCA

47.17	59.6	1A - Quartzite Similar to that described from 1.5-36.36m. Bedding is weakly developed in this interval ~40 DTCA. Unit displays patchy brecciation from 53-58m and also contains a 20cm quartz-gabbro intrusion from 54.1-54.3m. Brecciation occurs as 5-10cm patches with medium grey- quartz fill (?) and subangular quartzite fragments. Interval is also cut by light grey to white quartz-carbonate veinlets ranging from 0.1-0.5cm ~60-90 DTCA. 0.01% quartz-carbonate vein hosted Po and Py. Lower contact is sharp ~60-70 DTCA.
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Mineralization

32.5-58.0: ~0.01% fracture controlled Po

Alteration

36.36-47.27: Moderate, pervasive silicification with weak, patchy chlorite alteration

47.27-59.6: Moderate-strong, pervasive silicification

Structure

36.36-47.26; Bedding ranges from 45-50 DTCA

47.26-56.25; Weakly developed bedding ~40 DTCA

56.25-56.45: Blocky core; blocky core

57.6-57.7: breccia; patch of brecciated quartzite

59.59-59.6: Lower contact; Lower contact is sharp ~60-70 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-37
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From	To	Lithology
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59.6	69	4C - Quartz gabbro Quartz gabbro. Dark grey, fine to medium grained, massive with chilled upper margin, weakly magnetic. Unit consists of ~30% plagioclase with ~70% amphibole/pyroxene. A 25 cm block of quartzite occurs 61.35-61.52m. Chlorite alteration is weak and pervasive. Interval is cut by 0.1-3cm light grey to white quartz-carbonate veins ~35-90 DTCA, <1% overall with up to 15% at the 0.5m scale. Sulphides also occur as quartz-carbonate vein hosted Po ~0.1%, locally up to 0.5% from 60.47-61m associated with ~15% quartz-carbonate veining. A loonie-sized piece of semi-massive pyrrhotite and vuggy quartz was found at the 66m block - not clear where it originate from. Lower contact is gradational marked by the appearance of varitexture.
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Mineralization

60.47-61.0: ~0.5% quartz-carbonate vein hosted PoCpy

Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

60.47-61.0: Veins; 15% light grey to white quartz-carbonate veining ~70-90 DTCA with ~0.5% Po

68.99-69.0: Lower contact; Lower contact is gradational marked by the appearance of varitexture.

69	105	4C - Quartz gabbro Similar to previous unit but varitexture becomes prominent throughout. Zone of patchy, finely disseminated PoCpy ~0.5% overall, locally up to 2-3% occurs from 84.84-93.31m. Unit is cut by a fault at 95.33-95.42m with 2-3m of gouge ~20 DTCA with chloritic slickenlines. Lower contact is gradational marked by decreased plagioclase content and absence of quartz.
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Mineralization

75.4-76.07: ~2% quartz-carbonate vein hosted PoCpy

84.84-86.0: ~0.5% finely disseminated PoCpy

86.0-87.0: ~0.1% finely disseminated PoCpy

87.0-88.9: ~0.5% finely disseminated PoCpy

88.9-91.02: ~0.1% finely disseminated PoCpy

91.02-91.37: ~1.0-2.0% finely disseminated PoCpy

91.37-91.9: ~0.2% finely disseminated PoCpy

91.9-92.19: ~2-3% finely disseminated PoCpy

92.19-92.62: ~0.01% finely disseminated PoCpy

92.62-93.31: ~0.5% finely disseminated PoCpy

Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

95.33-95.42: Fault; Unit is cut by a fault at 95.33-95.42m with 2-3m of gouge ~20 DTCA with chloritic slickenlines.

104.99-105.0: Lower contact; Lower contact is gradational marked by decreased plagioclase content and absence of quartz.

Project: Shakespeare Property	Hole Number: MMC-21-37
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From	To	Lithology
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105	130.9	3A - Nipissing gabbro Gabbro. Dark grey, medium grained, massive non magnetic. Consists of ~20-30% plagioclase with ~70-80% amphibole/pyroxene. Minor cm-scale patches of leucogabbro occur between 129m and 130.9m. Interval is cut by <1%, medium grey quartz-carbonate veins ~35-75 DTCA. Sulphides occur as quartz-carbonate vein hosted Cpy ~0.01%, locally up to 0.5-1.0% at the decimeter scale. Lower contact is sharp and irregular with some small patches of leucogabbro leading up to the lower contact.
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Mineralization

106.89-107.05: ~2-3% quartz-carbonate vein hosted Cpy

120.0-120.05: ~1% quartz-carbonate vein hosted Cpy

Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

112.5-120.5: Veins; ~1% medium grey quartz-carbonate veins ranging from 35-75 DTCA

130.89-130.9: Lower contact; Lower contact is sharp and irregular with some small patches of leucogabbro leading up to the lower contact.

130.9	131.88	LEU - Leucogabbro Leucogabbro. Light to medium grey/white, medium-coarse grained, varitextured, non magnetic. Unit consists of two large patches of light grey to white, plagioclase-rich gabbro with ~50% plagioclase, ~10-15% quartz, ~5-10% biotite, and 30% amphibole/pyroxene. Weak, pervasive chlorite alteration. No sulphides observed. Unit is cut by 0.1-1cm medium grey to brown quartz-carbonate veinlets ~30-55 DTCA; medium grey quartz-carbonate veinlets cut brown veins ~50 DTCA. Lower contact is cut off by a quartz-carbonate vein ~75 DTCA.
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Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

131.87-131.88: Lower contact; Lower contact is cut off by a quartz-carbonate vein ~75 DTCA.

131.88	133.9	3A - Nipissing gabbro Similar to that described from 105-130.9m. 10cm wide shear occurs from 153.63-153.74m ~50-60 DTCA. No sulphides observed. Lower contact is gradational marked by decreased plagioclase content.
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Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

133.89-133.9: Lower contact; Lower contact is gradational marked by decreased plagioclase content.

Project: Shakespeare Property	Hole Number: MMC-21-37
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From	To	Lithology
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133.9	136	3F - Pyroxenite Pyroxenite or Melagabbro(?). Dark grey-green, medium to coarse grained, varitextured to locally layered(?) ~35 DTCA, non magnetic. Consists of 89-90% amphibole/pyroxene with ~10-20% plagioclase. Amphibole/pyroxenes occur as 1-5mm knobby grains. Weak, pervasive chlorite alteration. Unit locally contains cm-scale leucocratic pods - possibly leucogabbro as described above. Sulphides occur as 0.01% disseminated and quartz-carbonate vein hosted Cpy, locally up to 0.25-0.50% from 134.44-134.9m. Interval is cut by 0.1-1cm medium grey quartz-carbonate veins ~25 DTCA. Lower contact is gradational marked by increased plagioclase content.
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Mineralization

134.44-134.9: ~0.25-% disseminated Cpy and ~0.1% quartz-carbonate vein hosted Cpy

Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

135.99-136.0; Lower contact is gradational marked by increased plagioclase content.

136	158.99	3A - Nipissing gabbro Similar to that described from 105-130.9m. 10cm wide shear occurs from 153.63-153.74m ~50 DTCA. 0.01% quartz-carbonate vein hosted Cpy. EOH
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Mineralization

144.15-144.25: ~0.5% quartz-carbonate vein hosted Cpy

Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Structure

153.63-153.74: Shear; 10cm shear ~50 DTCA with weakly to moderately developed foliation

158.99	159	EOH
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Alteration

59.6-159.0: Weak, pervasive chlorite alteration

Project: Shakespeare Property		Hole Number: MMC-21-38	
Drill Hole		Logging	Drilling
Hole Type: DD	Core Location:	Logging Started: Sep-18-2021	Drilling Started: Sep-16-2021
Hole Size: NQ	Claim Number:	Logging Completed: Oct-03-2021	Drilling Completed: Sep-30-2021
Purpose: Exp	Planned Depth: 600	Logged By: G. Hamilton & C. Caskenette	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 708		
Coordinates			
		Type: Planned	Grid: NAD83 / UTM zone 17N
		Easting: 436513	Northing: 5133540
		Elevation: 292	
Target:			
Comments: Hole hit water seam @ 67.8m			
From	To	Lithology	

0 4.5 OB - Overburden

4.5 20.24 3A - Nipissing gabbro

Generic gabbro. Unit is fine to medium grained, medium green grey, massive, non-magnetic. Unit is cut by several mm-scale quartz carbonate veins at ~35 DTCA. Unit consists of ~65% amphibole and ~35% plagioclase. Patchy hematite alteration is present of plagioclase grains. No mineralization is observed. Lower contact is sharp and irregular, marked by the start of a structure.

Alteration

15.7-18.0: Weak, patchy chlorite alteration, and weak, fracture/vein controlled carbonate alteration

Structure

6.5-9.0: Blocky core; Broken core, drill blocks indicate grind

20.23-20.24: Lower contact; Lower contact is marked by broken core

20.24 21 FLT - Fault

Possible fault. Unit is broken gabbro into rubble and small blocky pieces. Lower contact is marked by a return to competent core.

Structure

20.24-20.99: Fault; See major litho

20.99-21.0; Lower contact is sharp, marked by the start of competent core

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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21 46.87 3A - Nipissing gabbro
 Similar to that described from 4.5-20.24m. Gabbro, green grey, massive to weakly foliated, non-magnetic. Patchy hematite alteration of plagioclase present. A ~10cm section of broken core is present from 31.36-31.46m. Carbonate veining present at ~30-60 DTCA. ~0.1% quartz-carbonate vein hosted Cpy is present from 31-31.4m and ~0.5% QCVH Cpy from 43.4-43.6m. Lower contact is sharp, ~65 DTCA.

Mineralization

31.0-31.28: ~0.1% quartz-carbonate vein hosted Cpy
 43.2-43.6: ~0.1-0.5% quartz-carbonate vein hosted CpyPo

Alteration

35.09-35.48: Weak, pervasive chlorite alteration
 36.2-46.87: Weak, patchy hematite alteration

Structure

31.36-31.46: Broken core; Broken core into a rubble/ blocky pieces
 40.0-41.0: Foliation; Weak foliation of quartz fragments ~20 DTCA
 46.86-46.87: Lower contact; Lower contact is sharp, ~65 DTCA

46.87 47.56 QCVS - Structural Infill Quartz-carbonate Vein
 Quartz-carbonate vein. Unit is massive, white to white grey. No mineralization is observed. Lower contact is sharp, ~65 DTCA

Structure

46.87-47.55: Veins; See major litho
 47.55-47.56: Lower contact; Lower contact is sharp, ~65 DTCA

47.56 59.05 3A - Nipissing gabbro
 Similar to that described from 4.5-20.24m. Unit contains ~0.01% quartz-carbonate vein hosted Cpy between 51-52m. Lower contact is sharp, ~70 DTCA.

Mineralization

49.85-51.88: ~0.01-0.1% quartz-carbonate vein hosted CpyPo

Alteration

49.27-59.05: Weak, pervasive chlorite alteration, and weak, pervasive hematite alteration

Structure

59.04-59.05: Lower contact; Lower contact is sharp, ~70 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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59.05	67.8	PSEU - Pseudotachylite Pseudotachylite or magmatic breccia. Unit is fine grained, green, brecciated with clasts of fine to medium grained gabbro (as previous unit) and massive white grey quartz. The fabric of the host is in random orientation. Gabbro inclusions experience moderate patchy hematite alteration and weak pervasive chlorite alteration. Fragments are cm-scale. ~5% quartz-carbonate vein hosted PoCpy is present. Lower contact is sharp, ~90 DTCA.
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Mineralization

- 59.05-60.57: ~0.1-0.25% quartz-carbonate vein hosted PoCpy
- 60.57-64.3: ~3% disseminated and quartz-carbonate vein hosted PoCpy
- 64.3-65.0: ~5% disseminated/ fracture controlled PoCpy
- 65.0-66.0: ~0.1% fracture controlled PoCpy

Alteration

59.05-67.8: Weak, pervasive chlorite alteration, and moderate, patchy hematite alteration

Structure

- 59.05-67.79: breccia; See major litho
- 67.79-67.8: Lower contact; Lower contact is sharp, marked by the start of a structure

67.8	68	FLT - Fault Fault zone. Unit is missing core and remaining pieces are rounded from drill. Blocks indicate water was present in this interval. Orientation is difficult to determine based on rounding of the core ends. Lower contact is marked by return to competent core.
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Structure

- 67.8-67.99: Fault; See major litho
- 67.99-68.0: Lower contact; Lower contact is marked by the start of competent core

68	70.26	3A - Nipissing gabbro Similar to that described from 4.5m-20.24m. Unit is weakly foliated to massive (~50 DTCA). ~0.1% quartz-carbonate vein hosted Po is present. Lower contact is sharp, ~50 DTCA.
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Mineralization

- 68.0-68.2: ~0.1% fracture controlled Po
- 70.0-70.26: ~0.5% quartz-carbonate vein hosted Po

Structure

- 70.25-70.26: Lower contact; Lower contact is sharp, ~50 DTCA

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From	To	Lithology
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70.26 79.67 DIA - Diabase
 Diabase gabbro. Unit is aphanitic to fine grained, green, massive, non-magnetic. Unit is ~85% amphibole and ~15% plagioclase. Proportions are difficult to determined based on the fine grained nature. Unit is cut by mm-scale quartz-carbonate stringers at ~50 DTCA. ~0.5-1% quartz-carbonate vein hosted Po is present from 74.68-78m. At least two sets of quartz-carbonate veinlets are observed offsetting one another locally. High angle (~75 DTCA) medium grey veinlet is seen being offset ~1cm by white veinlet. Lower contact is sharp, ~40 DTCA.

Mineralization

75.25-75.5: ~3% quartz-carbonate vein hosted CpyPo
 76.95-81.45: ~0.1-0.5% quartz-carbonate vein hosted CpyPo

Structure

79.66-79.67: Lower contact; Lower contact is sharp, ~40 DTCA

79.67 82.09 3A - Nipissing gabbro
 Similar to that described from 4.5-20.24m. Medium grained, massive to equigranular, non-magnetic, medium green. Unit contains ~60-65% amphibole and 35-40% plagioclase. Unit is cut by one low angle quartz-carbonate vein (~15 DTCA). ~0.01% quartz-carbonate vein hosted Cpy is present. Lower contact is sharp and undulatory, ~45 DTCA.

Mineralization

76.95-81.45: ~0.1-0.5% quartz-carbonate vein hosted CpyPo

Structure

82.08-82.09: Lower contact; Lower contact is sharp and irregular, ~45 DTCA

82.09 83.1 PSEU - Pseudotachylite
 Sheared gabbro or sheared pseudotachylite. Unit is a sheared gabbro (as above) at ~30 DTCA. Unit is fine grained, foliated ~30 DTCA, non-magnetic. Unit contains subrounded fragments of gabbro up to 10cm wide. Quartz carbonate veins are present following foliation with ~10cm broken core intervals. ~0.5% quartz-carbonate vein hosted CpyPo is present. Lower contact is sharp ~40 DTCA

Mineralization

82.56-83.3: ~0.5% quartz-carbonate vein hosted CpyPo

Alteration

82.09-83.41: Weak moderate, pervasive chlorite alteration

Structure

82.09-83.4: Shear; See major litho, and broken core at 82.8m and 83.1m

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From	To	Lithology
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83.1 83.41 QCVM - Mineralized Quartz-carbonate Vein
 Laminated quartz-carbonate vein. Chloritic laminae occur ~40-45 DTCA. Vein contains ~0.5-1.0% Cpy+/-Po. Lower contact is sharp, ~55 DTCA.

Mineralization

82.56-83.3: ~0.5% quartz-carbonate vein hosted CpyPo
 83.3-86.0: ~0.1% quartz-carbonate vein hosted CpyPo

Alteration

82.09-83.41: Weak moderate, pervasive chlorite alteration

Structure

82.09-83.4: Shear; See major litho, and broken core at 82.8m and 83.1m
 83.4-83.41: Lower contact; Lower contact is sharp, ~55 DTCA

83.41 100.37 3A - Nipissing gabbro
 Similar to that described from 4.5-20.24m. Unit is massive to equigranular, fine to medium grained, non-magnetic. Unit is cut by ~3cm wide quartz-carbonate veins at ~50-60 DTCA. Some veins weakly altered by hematite. No observed mineralization. Lower contact is sharp, ~60 DTCA.

Mineralization

83.3-86.0: ~0.1% quartz-carbonate vein hosted CpyPo

Alteration

97.0-97.17: Weak moderate, pervasive chlorite alteration

Structure

85.72-85.82: Veins; ~10 cm wide quartz-carbonate vein at ~40 DTCA
 100.36-100.37: Lower contact; Lower contact is sharp, ~60 DTCA

100.37 101.4 QCVS - Structural Infill Quartz-carbonate Vein
 Similar to that described from 46.87m-47.56m. Unit is grey white, poorly laminated to massive. No mineralization is observed. Lower contact is sharp and irregular, marked by the end of massive quartz.

Alteration

100.37-101.5: Weak, pervasive chlorite alteration

Structure

100.37-101.39: Veins; See major litho
 101.39-101.4: Lower contact; Lower contact is sharp and irregular

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From	To	Lithology
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101.4 203 3A - Nipissing gabbro

Similar to that described from 4.5-20.24m. Massive, medium green, fine to medium grained. Overall unit appears to be relatively unaltered with minor chlorite alteration locally. Two narrow shears (?) or zones of foliation occur @ 194.61-194.83m (~35 DTCA) and 202.41-202.55m (~60 DTCA) with multiple 2-3cm light grey to white quartz-carbonate veins ~60 DTCA associated with weak-moderate, pervasive chlorite alteration. Unit is cut by 0.1-18cm, light grey to white, light brown, and medium grey quartz-carbonate veins ranging from 10-70 DTCA; ~18cm wide quartz-carbonate vein at ~20 DTCA from 104.8-104.98m. ~0.01% quartz-carbonate vein hosted Cpy is present. cm-scale bleached alteration haloes occur surrounding quartz-carbonate veins locally. Lower contact is gradational marked by increased amphibole content and decreased plagioclase content.

Mineralization

- 107.0-107.5: ~0.01% quartz-carbonate vein hosted Cpy
- 122.7-123.55: ~0.25-0.50% quartz-carbonate vein hosted CpyPo ~45 DTCA

Alteration

- 100.37-101.5: Weak, pervasive chlorite alteration
- 108.0-194.45: Weak fracture controlled to alteration halo chlorite
- 194.45-195.0: Weak-moderate, pervasive chlorite alteration
- 202.1-202.6: Weak-moderate, pervasive chlorite alteration

Structure

- 104.8-104.98: Veins; Quartz-carbonate vein ~20 DTCA
- 109.0-118.12: Veins; 2-3% quartz carbonate veining ~10-50 DTCA
- 118.12-118.37: Veins; Two medium to light grey quartz-carbonate veins ~65-70 DTCA
- 118.37-127.7; ~1% quartz carbonate veinlets ~10-50 DTCA
- 127.7-127.8: Blocky core; Blocky core with chloritic slickenlines ~50-60 DTCA
- 127.8-146.0: Veins; ~2% quartz carbonate veinlets ~0-50 DTCA
- 146.0-194.61; 0.5-1.0% quartz-carbonate veinlets ~5-60 DTCA
- 194.61-194.83: Shear; Narrow shear (?) or zone of foliation ~35 DTCA with multiple 2-3cm light grey to white quartz-carbonate veins ~60 DTCA
- 202.41-202.54: Shear; Narrow shear (?) or zone of foliation ~60 DTCA with multiple 2-3cm light grey to white quartz-carbonate veins ~60 DTCA
- 202.99-203.0: Lower contact; Lower contact is gradational marked by increased amphibole content and decreased plagioclase content.

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From	To	Lithology
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203 252.15 AmphGab - Amphibole -rich Gabbro

Amphibole-rich gabbro. Dark green-grey, fine to medium grained, massive, non magnetic. Consists of 80-90% amphibole/pyroxene with <10-20% visible plagioclase. Unit is cut by 0.1-4cm, light grey to white quartz-carbonate veins ~20-40 DTCA. Sulphides occur as ~0.1% quartz-carbonate vein hosted Cpy +/-Po. This mineralization is patchy over the interval, with host veins being ~1-5mm wide. Lower contact is gradational, marked by the gradational increase in foliation.

Mineralization

- 212.5-212.65: ~0.1% quartz-carbonate vein hosted Cpy
- 217.52-222.88: ~0.01% quartz-carbonate vein hosted CpyPo
- 233.16-233.4: ~0.5-1% disseminated CpyPo
- 235.88-236.3: ~1% disseminated CpyPo
- 239.85-240.56: ~1-2% disseminated CpyPo
- 245.0-245.25: ~0.1% disseminated Cpy
- 250.17-252.88: ~0.5% fracture controlled CpyPo

Alteration

- 213.0-252.0: Weak, pervasive chlorite alteration
- 252.0-253.64: Weak-moderate, pervasive chlorite alteration

Structure

- 229.02-229.07: Veins; ~5cm wide quartz-carbonate vein at ~75 DTCA
- 235.6-235.63: Veins; ~3cm wide quartz carbonate vein at ~40 DTCA
- 239.94-240.04: Veins; ~10cm wide quartz-carbonate vein at ~25 DTCA
- 252.14-252.15: Lower contact; Lower contact is gradational

252.15 253.36 SHR - Shearzone

Shearzone. Unit is the same as above, only sheared. Shear orientation ~25 DTCA. Weak to moderate, pervasive chlorite alteration present. Sulphides occur as ~10-15% fracture fill CpyPo between 252.74m-253.36m. Sulphides in this fracture are also associated with grey quartz. Lower contact is gradational, marked by the decrease in foliation.

Mineralization

- 250.17-252.88: ~0.5% fracture controlled CpyPo
- 252.88-253.36: ~10-15% fracture-fill/ quartz-carbonate vein hosted CpyPo

Alteration

- 252.0-253.64: Weak-moderate, pervasive chlorite alteration

Structure

- 252.15-253.35: Shear; See major litho
- 253.35-253.36: Lower contact; Lower contact is sharp, ~25 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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253.36 264.79 AmphGab - Amphibole -rich Gabbro

Similar to that described from 203m-252.15m. Amphibole-rich gabbro. Dark green-grey. Unit is cut by ~1-5mm, light grey/pink quartz carbonate stringers ~50 DTCA. Unit is overprinted with an irregular wispy green alteration/deformation. Weak to moderate, pervasive chlorite alteration present. No sulphides were observed. Lower contact is sharp and irregular, ~50 DTCA.

Alteration

252.0-253.64: Weak-moderate, pervasive chlorite alteration

253.64-263.79: Weak, pervasive chlorite alteration

263.79-264.79: Moderate-moderate strong, pervasive chlorite alteration

Structure

253.36-264.78: Foliation; Irregular wispy alteration/foliation ~parallel to core axis

264.78-264.79: Lower contact; Lower contact is sharp, ~50 DTCA

264.79 265.5 QCVS - Structural Infill Quartz-carbonate Vein

Quartz-carbonate vein/ quartzite fragment. Unit is dark grey with patchy light grey and pink, weakly brecciated to massive, non-magnetic, fine grained. No sulphides were observed. Lower contact is sharp, ~50 DTCA.

Alteration

264.79-265.5: Weak, pervasive silicification, and weak patchy hematite alteration

Structure

264.79-265.49: Veins; See major litho

265.49-265.5: Lower contact; Lower contact is sharp, ~50 DTCA

265.5 268.64 SHR - Shearzone

Shearzone. Similar to that described from 252.15m-253.36m. Dark green-grey, sheared amphibole-rich gabbro at ~30-45DTCA. The orientation of the shear slightly varies throughout the unit. Unit is cut by ~1-3cm wide quartz-carbonate veins following shear orientation. No sulphides were observed. Lower contact is sharp, ~10 DTCA.

Alteration

265.5-267.3: Moderate, pervasive chlorite alteration

267.3-271.84: Weak-moderate, pervasive chlorite alteration

Structure

265.5-268.63: Shear; Foliation changes between 30-45 DTCA

268.63-268.64: Lower contact; Lower contact is sharp, ~10 DTCA

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From	To	Lithology
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268.64 277.34 AmphGab - Amphibole -rich Gabbro

Similar to that described from 203m-252.15m. Amphibole-rich gabbro, dark grey-green, massive to weakly foliated with wispy green alteration/deformation ~ parallel to core axis, non-magnetic. Unit is cut by ~19cm wide white grey massive quartz-carbonate vein hosting no observed sulphides. ~0.1% quartz-carbonate vein hosted Cpy from 268.64m-268.8m, and ~1-2% fracture-fill CpyPo between 272.4m-272.75m. Lower contact is sharp, ~55 DTCA.

Mineralization

268.64-268.9: ~0.01% quartz-carbonate vein hosted CpyPo

272.53-272.7: ~1% fracture-fill CpyPo

Alteration

267.3-271.84: Weak-moderate, pervasive chlorite alteration

272.03-277.34: Weak-moderate, pervasive chlorite alteration

Structure

268.64-271.84: Foliation; irregular wispy alteration/foliation ~parallel to core axis

271.84-272.03: Veins; ~19cm wide quartz-carbonate vein at ~30 DTCA

277.33-277.34: Lower contact; lower contact is sharp, ~55 DTCA

277.34 277.51 FLT - Fault

Fault zone. The unit cuts a moderately chlorite altered amphibole-rich gabbro. Fault gouge is present over a 4cm area with the remaining unit interval being broken/rubbly core. Some faces of broken core contains gouge. No sulphides observed. Lower contact is sharp, ~perpendicular to core axis.

Alteration

277.34-277.51: Moderate, pervasive chlorite alteration

Structure

277.34-277.5: Fault; See major litho

277.5-277.51: Lower contact; Lower contact is sharp, ~90 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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277.51 302.26 AmphGab - Amphibole -rich Gabbro

Similar to that described from 203m-252.15m. Dark green-grey, massive with local wispy green foliation, non-magnetic. Unit is cut by few quartz-carbonate stringers ~1-5cm wide at ~30-90DTCA. A ~0.5cm wide zone at 279.41m shows fault gouge beside a quartz-carbonate stringer ~35 DTCA. Sulphides occur as patchy fracture fill CpyPo, ~1-2% from 279.22m-280m, 285.9m-287m, and from 287.7m-288.2m. ~0.01-0.1% disseminated Cpy is present from 292m-293m. Lower contact is sharp, ~30 DTCA.

Mineralization

279.3-279.87: ~2-3% fracture-fill CpyPo

285.9-286.7: ~0.1% fracture-fill CpyPo

286.7-287.0: ~2-3% fracture-fill CpyPo

287.7-288.2: ~2-3% fracture-fill CpyPo

292.0-293.0: ~0.01% disseminated CpyPo

298.08-298.3: ~0.5% fracture-fill CpyPo

Alteration

277.51-280.0: Weak, pervasive chlorite alteration

Structure

279.41-279.42: Gouge; ~1cm wide fault gouge zone, ~35 DTCA

297.2-297.31: Veins; ~11cm wide quartz-carbonate vein at ~60 DTCA

301.65-301.72: Veins; ~7cm wide quartz-carbonate vein at ~45 DTCA

302.25-302.26: Lower contact; Lower contact is sharp and irregular, ~30 DTCA

302.26 303.37 SHR - Shearzone

Shearzone. Unit is dark to medium grey green, foliated ~45 DTCA. Weak pervasive chlorite alteration present. Unit is cut by ~5cm wide quartz-carbonate vein following foliation. Sulphides occur as ~0.1% fracture fill Cpy. Lower contact is sharp, ~30 DTCA.

Mineralization

302.57-302.67: ~0.1% fracture-fill Cpy

Alteration

302.45-303.37: Weak, pervasive chlorite alteration

Structure

302.26-303.36: Shear; See major litho

303.36-303.37: Lower contact; Lower contact is sharp, ~30 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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303.37 322 Per - Peridotite
 Altered siltstone?? or type of ultramafic intrusive? Unit is fine grained, grey, foliated to bedded, non-magnetic. Unit has beds showing grain sorting along foliation (fine grained on edges, finer grained in middle). Foliation/bedding pattern is erratic and folded in multiple orientations. Rock gives a slightly sugary texture on fracture faces. Sulphides occur as ~0.1% quartz-carbonate vein hosted PoCpy. Quartz-carbonate stringers are at ~30 DTCA. Lower contact is sharp, marked by the decrease in wavy looking bedding, ~20 DTCA.

Mineralization

- 304.4-304.6: ~0.5-1% fracture-fill Po
- 311.2-311.4: ~0.1% quartz-carbonate vein hosted PoCpy
- 318.0-413.4: ~0.1% fracture-fill PoPy +/- Cpy

Alteration

313.66-409.54: Weak, pervasive chlorite alteration

Structure

- 303.59-303.71: Veins; ~12cm wide quartz carbonate vein at ~45 DTCA
- 318.82-318.84: Veins; ~2 cm wide quartz-carbonate vein at ~20 DTCA
- 321.99-322.0: Lower contact; Lower contact is sharp, ~20 DTCA

322 409.41 2A - Greywacke
 Greywacke with interbedded siltstone. Unit is fine grained, grey, bedded at ~40-50 DTCA up hole and ~15-25 DTCA downhole. This shallowing of the bedding occurs around ~387m-390m Unit is bedded with a darker grey, fine grained (but coarser than its surroundings), partly crystalline. This darker bedding can be <1cm to ~10cm in width. The unit is locally cut by quartz-carbonate stringers ~0.5-5cm. Sulphides are seen as ~0.1% fracture-fill PoPy +/-Cpy. Local blebs of sulphide are scattered over the unit, up to ~0.5% at the 0.5m scale. Lower contact is sharp, ~15 DTCA.

Mineralization

- 318.0-413.4: ~0.1% fracture-fill PoPy +/- Cpy

Alteration

313.66-409.54: Weak, pervasive chlorite alteration

Structure

- 322.0-327.0; Bedding is ~20-25 DTCA
- 327.0-390.0: Blocky core; Bedding alternates between ~40-50 DTCA, and blocky core from 357.35-357.45m.
- 390.0-409.4: Blocky core; Bedding alternates between ~15-30 DTCA, where ~25-30 DTCA is most common. Blocky core from 395.2m-395.35m.
- 409.4-409.41: Lower contact; Lower contact is sharp, ~15 DTCA

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409.41 415.65 3A - Nipissing gabbro
 Altered Gabbro. Unit is medium grey brown, fine grained, massive to weakly foliated (~35 DTCA), non-magnetic. When scratched, unit produces a sandy grind. Moderate chlorite alteration present. Unit is cut by multiple mm-scale quartz-carbonate stringers at ~20-80 DTCA. Weak foliation is seen by mm-scale black speckles throughout the unit (mica or amphibole). Sulphides are ~2-3% fracture-fill +/- quartz-carbonate vein hosted PoCpy until 415m, where it becomes ~7-10% CpyPo. Lower contact is sharp, marked by broken core and drill grind.

Mineralization

- 318.0-413.4: ~0.1% fracture-fill PoPy +/- Cpy
- 413.4-414.95: ~2-3% fracture fill CpyPo
- 414.95-415.79: ~7-10% fracture-fill CpyPo

Alteration

- 313.66-409.54: Weak, pervasive chlorite alteration
- 409.54-415.79: Weak/moderate, pervasive chlorite alteration

Structure

- 409.41-415.79: Foliation; Weak foliation ~35 DTCA

415.65 422.3 1A - Quartzite
 Quartzite. Medium grey, non magnetic, displays bedding locally ~50 DTCA. Consists of >90% recrystallized quartz with 1-2mm, dark grey grains of subrounded quartz throughout. Unit is slightly softer than typical Mississagi quartzite. Unit is locally brecciated associated with weak-moderate, fracture filling chlorite alteration from 421.5-422.3m. Moderate, pervasive silicification. Interval is cut by 0.5-10cm quartz-carbonate veins ~20-30 DTCA. Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.5% and disseminated PoPy ~0.25%; locally up to 1% at the sub metre scale. Lower contact is sharp and irregular marked by colour change to tan brown.

Mineralization

- 414.95-415.79: ~7-10% fracture-fill CpyPo
- 415.79-424.8: ~1-2% fracture fill PoCpy

Alteration

- 409.54-415.79: Weak/moderate, pervasive chlorite alteration
- 416.23-472.18: Moderate/strong, pervasive silicification

Structure

- 409.41-415.79: Foliation; Weak foliation ~35 DTCA
- 416.08-416.22: Veins; ~14cm wide quartz carbonate vein ~30 DTCA
- 418.15-422.29: Veins; ~6cm wide quartz-carbonate vein at ~20 DTCA and bedding at ~50 DTCA
- 422.29-422.3: Lower contact; lower contact is sharp, ~20 DTCA

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422.3 424.8 1A - Quartzite
 Quartzite. Tan/light brown, non magnetic, displays bedding locally ~50 DTCA. Consists of >90% recrystallized quartz with abundant 1-2mm, white grains of subrounded quartz(?) throughout that appear to be floating in translucent-light brown quartz groundmass. Moderate to strong, pervasive silicification. Interval is cut by 0.5-3cm quartz-carbonate veins ~20-30 DTCA that contain vein parallel, elongate wall rock fragments. Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.25% and disseminated PoPy ~0.01%. Lower contact is sharp ~20 DTCA.

Mineralization

415.79-424.8: ~1-2% fracture fill PoCpy

Alteration

416.23-472.18: Moderate/strong, pervasive silicification

Structure

422.3-428.75: Veins; Unit cut by multiple ~3cm-50cm wide mineralized quartz-carbonate veins at ~15-20 DTCA

424.8 425.15 QCVM - Mineralized Quartz-carbonate Vein
 Mineralized quartz-carbonate vein ~15-20 DTCA. Light grey to white, massive. Vein contains vein parallel, elongate wall rock fragments, giving the vein a laminated appearance. Sulphides occur as ~5% PoCpy. Lower contact is sharp ~15 DTCA.

Mineralization

424.8-428.75: ~5-8% quartz-carbonate vein hosted PoCpy

Alteration

416.23-472.18: Moderate/strong, pervasive silicification

Structure

422.3-428.75: Veins; Unit cut by multiple ~3cm-50cm wide mineralized quartz-carbonate veins at ~15-20 DTCA

425.15 426.55 1A - Quartzite
 Similar to that described from 422.3-424.8m. Interval is cut by 0.5-3cm quartz-carbonate veins ~10-20 DTCA that locally contain vein parallel, elongate wall rock fragments. Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.1% and disseminated PoPy ~0.01%. Lower contact is sharp ~10 DTCA.

Mineralization

424.8-428.75: ~5-8% quartz-carbonate vein hosted PoCpy

Alteration

416.23-472.18: Moderate/strong, pervasive silicification

Structure

422.3-428.75: Veins; Unit cut by multiple ~3cm-50cm wide mineralized quartz-carbonate veins at ~15-20 DTCA

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426.55 427.1 QCVM - Mineralized Quartz-carbonate Vein
 Mineralized quartz-carbonate vein ~15-20 DTCA. Light grey to white, massive. Vein contains vein parallel, elongate wall rock fragments, giving the vein a laminated appearance. Sulphides occur as ~5-8% PoCpy. Lower contact is sharp ~15 DTCA.

Mineralization

424.8-428.75: ~5-8% quartz-carbonate vein hosted PoCpy

Alteration

416.23-472.18: Moderate/strong, pervasive silicification

Structure

422.3-428.75: Veins; Unit cut by multiple ~3cm-50cm wide mineralized quartz-carbonate veins at ~15-20 DTCA

427.1 427.9 1A - Quartzite
 Similar to that described from 422.3-424.8m. Interval is cut by 0.5-3cm quartz-carbonate veins ~10-20 DTCA that locally contain vein parallel, elongate wall rock fragments. Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.1% and disseminated PoPy ~0.01%. Lower contact is sharp ~10 DTCA.

Mineralization

424.8-428.75: ~5-8% quartz-carbonate vein hosted PoCpy

Alteration

416.23-472.18: Moderate/strong, pervasive silicification

Structure

422.3-428.75: Veins; Unit cut by multiple ~3cm-50cm wide mineralized quartz-carbonate veins at ~15-20 DTCA

427.9 428.75 QCVM - Mineralized Quartz-carbonate Vein
 Mineralized quartz-carbonate vein ~15-20 DTCA. Light grey to white, massive. Interval contains two vein ~10-15 DTCA. Veins contains vein parallel, elongate wall rock fragments, giving the vein a laminated appearance. Sulphides occur as ~5% PoCpy. Lower contact is sharp ~15 DTCA.

Mineralization

424.8-428.75: ~5-8% quartz-carbonate vein hosted PoCpy

Alteration

416.23-472.18: Moderate/strong, pervasive silicification

Structure

422.3-428.75: Veins; Unit cut by multiple ~3cm-50cm wide mineralized quartz-carbonate veins at ~15-20 DTCA

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428.75 472 1A - Quartzite

Similar to that described from 422.3-424.8m. Interval is cut by 0.5-3cm quartz-carbonate veins ~0-20 DTCA. Veins are dominantly running parallel TCA and locally have brown alteration halos - possibly sericite. Sulphides occur as quartz-carbonate vein hosted PoCpy ~0.1%; locally up to 2-3% and disseminated PoPy ~1%. Lower contact is sharp and irregular.

Mineralization

- 428.75-436.1: ~0.5-1% quartz-carbonate vein hosted +/- fracture fill PoCpy
- 436.1-436.4: ~15% quartz-carbonate vein hosted Po
- 439.0-442.6: ~1% quartz-carbonate vein hosted PoCpy
- 450.0-450.37: ~2-3% quartz-carbonate vein hosted Po
- 450.37-459.13: ~0.1-0.5% disseminated Po
- 459.13-460.0: ~2-3% quartz-carbonate vein hosted Po
- 464.77-465.8: ~2-3% quartz-carbonate vein hosted PoCpy
- 468.3-468.9: ~0.5-1% quartz-carbonate vein hosted Po

Alteration

- 416.23-472.18: Moderate/strong, pervasive silicification
- 443.25-444.32: Weak, patchy sericite alteration associated with quartz veining

Structure

- 433.8-434.0: Blocky core; Blocky core
- 439.4-471.99: Blocky core; Blocky core from 440.5m-440.95m, and 467.75m-468m.. And quartz-carbonate vein ~parallel-5 DTCA.
- 471.99-472.0: Lower contact; Lower contact is sharp, ~80 DTCA

472 472.18 QCVS - Structural Infill Quartz-carbonate Vein

Quartz-carbonate vein - possibly structural. Light grey to white, massive. No sulphides observed. Lower contact is sharp ~50 DTCA.

Alteration

- 416.23-472.18: Moderate/strong, pervasive silicification

Structure

- 472.0-472.17: Veins; massive quartz-carbonate vein
- 472.17-472.18: Lower contact; Lower contact is sharp, ~50 DTCA

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472.18 472.75 Structural breccia - Generic for structure related breccias
 Breccia. Consists of brecciated quartzite with dark grey, granular matrix. Matrix appears to contain sand grains, is somewhat soft and is scratchable by scribe - weak to moderate chlorite alteration. Silicification strong and pervasive with weak-moderate, fracture filling chlorite alteration. Sulphides occur as 3-5% fracture filling Po+/-Cpy. No visible veining. Lower contact is sharp ~15 DTCA.

Mineralization

472.22-472.69: ~5% quartz-carbonate vein hosted PoCpy

Alteration

472.18-472.75: Strong, pervasive silicification, weak patchy chlorite alteration, and fracture controlled weak sericite alteration.

Structure

472.18-472.74: breccia; See major litho

472.74-472.75: Lower contact; Lower contact is sharp, ~15 DTCA

472.75 497.2 1A - Quartzite
 Quartzite. Tan brown/grey, non-magnetic, weakly bedded at ~20-60DTCA steepening downhole. Consists of ~>90% recrystallized quartz. Unit lacks "floating" white subrounded ?quartz? as mentioned with previous QTE. Moderate to strong, pervasive silicification and weak fracture filling chlorite alteration seen associated with veining. Interval is cut by ~0.5cm-3cm wide quartz carbonate vein running ~parallel-20 DTCA. Sulphides occur as ~0.1-0.25% quartz-carbonate vein hosted PoCpy and ~0.1% disseminated PoPy. Lower contact is sharp, ~30 DTCA.

Mineralization

476.0-489.0: ~0.1% disseminated + quartz-carbonate vein hosted PoCpy

Alteration

472.75-489.62: Moderate/strong, pervasive silicification

489.62-495.18: Strong, pervasive silicification

495.18-505.91: Moderate, pervasive silicification with weak pervasive sericite alteration around clasts

Structure

480.0-493.0; Bedding alternates between 15-25 DTCA

494.35-494.56: Blocky core; blocky core from 494.35m-494.56m

494.56-495.0: Veins; Quartz carbonate vein ~parallel-10DTCA

495.0-497.19; Bedding ~25 DTCA

497.19-497.2: Lower contact; Lower contact is sharp, ~30 DTCA

497.2 498.9 1A - Quartzite
 Quartzite. Similar to that described from 472.75m-497.2m. Unit contains altered peach fragments up to ~7cm wide with light brown halos, and dark green grey fragments ~4cm wide with tan brown alteration halo. Unit is weakly foliated at ~35 DTCA. Sulphides occur as ~0.1% fracture-fill Po. Lower contact is sharp, ~45 DTCA.

Alteration

495.18-505.91: Moderate, pervasive silicification with weak pervasive sericite alteration around clasts

Structure

497.2-498.9; Bedding ~35 DTCA

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498.9 498.92 FLT - Fault
 Fault. Unit contains ~2cm of brown grey fault gouge along a quartzite and quartz pebble unit. Orientation ~45 DTCA.

Alteration

495.18-505.91: Moderate, pervasive silicification with weak pervasive sericite alteration around clasts

Structure

498.9-498.92: Fault; Fault zone with gouge ~2cm wide at ~45 DTCA

498.92 500.56 1A - Quartzite
 Similar to that described from 497.2m-498.9m. Unit contains more dark green grey fragments ~5cm wide with light brown/tan alteration halos. Sulphides occur as ~0.25% disseminated Po. Lower contact is gradational, marked by the ending of fragments with alteration halos.

Mineralization

500.0-500.55: ~0.1% disseminated Po

Alteration

495.18-505.91: Moderate, pervasive silicification with weak pervasive sericite alteration around clasts

Structure

500.55-500.56: Lower contact; Lower contact is gradational, marked by the end of fragments with alteration halos

500.56 505.91 1A - Quartzite
 Similar to that described from 472.75m-497.2m. Unit consists of ~>90% recrystallized quartz, and localized subrounded blue quartz grains. Locally white "floating" subrounded ?quartz? in translucent brown groundmass are present. Unit is cut by ~0.5cm-3cm wide quartz-carbonate vein at ~parallel-10 DTCA. Sulphides occur as 0.1% disseminated Po. Lower contact is sharp, ~5 DTCA.

Alteration

495.18-505.91: Moderate, pervasive silicification with weak pervasive sericite alteration around clasts

Structure

505.9-505.91: Lower contact; Lower contact is sharp, ~5 DTCA

505.91 507.04 APL - Aplite
 Aplite dyke. Unit is medium pink/red, fine grained, massive, non-magnetic. Unit has speckled black sub-rounded to sub-angular grains. Unit is cut by ~2cm wide quartz-carbonate vein ta ~10DTCA. Unit has moderate to strong silicification and moderate to strong hematite/potassic alteration. No sulphides are observed. Lower contact is sharp, ~30 DTCA.

Alteration

505.91-507.04: Moderate/strong pervasive potassic/hematite alteration, and moderate, pervasive silicification

Structure

505.91-507.03: Veins; See major litho

507.03-507.04: Lower contact; Lower contact is sharp, ~30 DTCA

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507.04 517.85 1A - Quartzite
 Similar to that described from 472.75m-497.2m. Unit is massive, grading into weakly foliated at ~513m, ~30 DTCA. Moderate hematite/potassic alteration decreases towards the start of the foliation. The foliated section is dark grey with local bleached quartz? following foliation. Broken core present from 513.6m-514m along planes. Sulphides occur as ~1% quartz-carbonate vein hosted Po from 513.4m-513.65m. Lower contact is sharp, ~20 DTCA.

Mineralization

513.4-513.6: ~5% quartz-carbonate vein hosted Po

Alteration

507.04-511.9: Weak moderate, pervasive potassic/hematite and moderate, pervasive silicification
 511.9-512.73: Moderate, pervasive potassic/hematite alteration and moderate, pervasive silicification
 512.73-527.42: Weak-moderate, pervasive silicification

Structure

513.2-517.84: Blocky core; Blocky core from 513.47m-514m and 517.37m-517.65m. Bedding is ~30 DTCA
 517.84-517.85: Lower contact; Lower contact is sharp, ~20 DTCA

517.85 529.91 1D - Quartz pebble conglomerate
 Quartz pebble conglomerate. Unit is dark grey brown, non-magnetic, comprised of very fine, biotitized, muddy-silty matrix with 0.2-2cm, subrounded, blue grey quartz granules to pebbles. Unit is dominantly matrix supported with ~60% matrix and 40% clasts. Some blue-grey quartz grains display carbonate strain shadows. Unit also locally contains bedded brown grey quartzite as above at ~20 DTCA. Sulphides occur as ~0.1% quartz-carbonate vein hosted Po and ~0.5%-1% locally disseminated Po. Lower contact is sharp, ~45 DTCA

Mineralization

519.8-520.1: ~1-3% quartz-carbonate vein hosted Po
 522.0-524.0: ~1% disseminated Po
 524.0-534.36: ~0.1-0.5% disseminated Po

Alteration

512.73-527.42: Weak-moderate, pervasive silicification
 527.42-528.9: Weak, pervasive chlorite alteration
 528.9-568.06: Weak-moderate, pervasive silicification

Structure

518.07-518.55; Bedding~20 DTCA
 519.96-519.99: Veins; ~3cm wide quartz-carbonate vein at ~70 DTCA
 522.0-529.9: Foliation; Weak foliation at ~10 DTCA
 529.9-529.91: Lower contact; Lower contact is sharp, ~45 DTCA

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529.91 540.13 1A - Quartzite
 Similar to that described from 507.04m-517.85m. Quartzite. Medium grey, fine grained, massive, non-magnetic. Unit contains ~>90% recrystallized quartz grains. Weak to moderate silicification. Unit is cut by ~down axis by ~2cm wide quartz-carbonate vein at ~10 DTCA. Surrounding the vein, black linear crystals are present (mica or hornfels?). Locally, white "floating" quartz grains in a translucent grey matrix are seen, similar to 472.75m-497.2m. Sulphides occur as ~0.01-0.1% disseminated Po. Lower contact is sharp, ~40 DTCA.

Mineralization

524.0-534.36: ~0.1-0.5% disseminated Po

Alteration

528.9-568.06: Weak-moderate, pervasive silicification

Structure

535.73-537.0: Veins; ~0.5-2cm wide quartz carbonate vein at ~10 DTCA

540.12-540.13: Lower contact; lower contact is sharp, ~40 DTCA

540.13 568.06 1D - Quartz pebble conglomerate
 Similar to that described from 517.85m-529.91m. Quartz pebble conglomerate. Dark grey, fine grained matrix with 0.1-3cm wide subrounded blue quartz grains, and ~3cm wide white grey quartz fragments. Grains are ~orientated along fabric at ~15 DTCA. The density of blue grey quartz grains appears higher, with the average size roughly larger. Sulphides occur as ~0.5-1% disseminated Po. Lower contact is sharp ~15 DTCA.

Mineralization

541.0-541.56: ~2-3% disseminated Po

541.56-549.0: ~0.1-0.5% disseminated Po

560.08-560.55: ~0.5% quartz-carbonate vein hosted Py

Alteration

528.9-568.06: Weak-moderate, pervasive silicification

Structure

540.13-568.05; Moderately developed bedding/foliation at ~15-20 DTCA

568.05-568.06: Lower contact; Lower contact is sharp ~15 DTCA

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568.06 579.75 1A - Quartzite
 Similar to that described from 507.04m-517.85m. Quartzite. light to medium grey beds with dark grey beds, bedding is well developed ~20-4-0 DTCA, non-magnetic. Unit is dominantly composed of recrystallized quartz with localized silty/muddy beds. Moderate, pervasive silicification. Unit is cut by 0.1-1cm medium grey to white quartz-carbonate veins at ~30-35 DTCA. Locally, white "floating" quartz grains in a translucent grey matrix are seen, similar to 472.75m-497.2m. Sulphides occur as ~0.1% fracture filling to quartz-carbonate vein hosted Po; locally up to 1-2% from 574.53-575m. Lower contact is sharp, ~20 DTCA.

Mineralization

568.06-572.3: ~0.1-0.25% fracture controlled Po
 570.32-575.0: ~0.5-1.0% quartz-carbonate vein hosted to fracture filling Po

Alteration

568.06-579.75: Moderate to strong, pervasive silicification

Structure

568.06-575.7; Bedding occurs ~20 DTCA
 575.7-576.0: Blocky core; blocky core
 577.0-577.3: Blocky core; blocky core
 577.3-579.73; Bedding ranges from 20-30 DTCA
 579.73-579.74: Lower contact; Lower contact is sharp ~20 DTCA
 579.74-580.34; Bedding occurs ~40 DTCA

579.75 580.35 1D - Quartz pebble conglomerate
 Similar to that described from 517.85m-529.91m. Unit is more of a pebbly mudstone but contains the characteristic blue quartz eyes are previously observed in the quartz pebble conglomerate. Weak, pervasive chlorite alteration. Dark grey, muddy matrix with ~15-20%, 0.1-2cm subrounded blue quartz grains. Grains occur weakly imbricated along bedding ~40 DTCA. No sulphides observed. Lower contact is sharp ~40 DTCA.

Alteration

579.75-580.35: Weak, pervasive chlorite

Structure

579.74-580.34; Bedding occurs ~40 DTCA
 580.34-580.35: Lower contact; Lower contact is sharp ~40 DTCA

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580.35 585.25 1A - Quartzite
 Same unit as described from 568.06-579.75m. Bedding occurs ~30 DTCA. 0.1% foliation controlled Po. Lower contact is sharp ~10 DTCA, separated by 4cm quartz-carbonate vein.

Mineralization

580.35-583.84: ~0.1-0.25% fracture controlled Po
 583.84-584.05: ~1% quartz-carbonate vein hosted Po

Alteration

580.35-585.25: Moderate to strong, pervasive silicification

Structure

580.35-585.21; Bedding occurs ~30 DTCA
 585.21-585.24: Veins; 3cm medium grey-white quartz-carbonate vein ~10 DTCA with no observed sulphides
 585.24-585.25; Lower contact is sharp ~10 DTCA

585.25 590.22 2F - Argillite
 Argillite/mudstone. Dark grey/brown, finely laminated ~40 DTCA, non magnetic. Bedding occurs parallel TCA along upper contact and steepens to about 40 DTCA for the rest of the interval. Weak, pervasive chlorite alteration. No sulphides observed. Lower contact is sharp ~40 DTCA.

Alteration

585.25-590.22: Weak, pervasive chlorite

Structure

585.25-585.8; Bedding occurs ~0 DTCA and shifts to ~40 DTCA
 585.8-590.21; Bedding occurs ~40 DTCA
 590.21-590.22: Lower contact; Lower contact is sharp ~40 DTCA

590.22 596.64 1A - Quartzite
 Interbedded quartzite and mudstone. Quartzite is medium grey with dark grey-brown beds of mudstone/argillite as described above. Bedding ranges from 20-35 DTCA. Interbedding of quartzite and mudstone appears to be normally graded locally indicating younging up hole but overprinting foliation makes younging determination difficult. Silicification is moderate and patchy associated with quartzite, while chlorite alteration is weak, patchy associated with mudstone beds. ~0.1% disseminated Po with up to 0.5% from 594.7-595.7m. Lower contact is sharp ~50 DTCA.

Mineralization

594.7-595.7: ~0.5% disseminated Po

Alteration

590.22-596.64: Silicification is moderate and patchy associated with quartzite, while chlorite alteration is weak, patchy associated with mudstone beds.

Structure

590.22-594.1; Bedding ranges from 20-30 DTCA
 596.63-596.64: Lower contact; Lower contact is sharp ~50 DTCA

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596.64 617.49 1D - Quartz pebble conglomerate
 Similar to that described from 517.85m-529.91m. Dark grey, muddy matrix with up to ~70%, 0.1-3cm subrounded blue quartz grains. Unit also contains pebble sized grains of granitoids locally, elongate, possibly stretched chloritic fragments, and . Unit becomes more clast-rich downhole ranging from ~40-50% granules to pebbles within the first 4m and then shifting to ~70% further down. Grains display well developed imbrication locally ~40-55 DTCA. Unit becomes lighter in colour downhole - possibly weak, pervasive sericite alteration. Weak to moderate, pervasive silicification with weak, pervasive sericite alteration. Sulphides occur as fracture filling to disseminated Po ~0.1%; locally up to 2-3% from 617.49m-

Mineralization

- 599.49-599.79: ~0.5% quartz-carbonate vein hosted Po
- 603.9-604.0: ~0.5% quartz-carbonate vein hosted Po
- 615.6-615.7: ~0.5% quartz-carbonate vein hosted Po

Alteration

- 596.64-600.63: Weak to moderate, pervasive silicification
- 600.63-622.45: Weak to moderate, pervasive silicification with weak, pervasive sericite alteration.

Structure

- 596.64-622.68; Bedding/ imbricated quartz grains occur ~40-50 DTCA

617.49 623.1 1A - Quartzite
 Quartzite. Unit is white grey to white tan, fine grained, bedded ~40 DTCA, non-magnetic. Unit made of ~>90% recrystallized quartz. White subrounded crystals appear "floating" in the tan/grey translucent matrix. Beds are dark grey to black, both continuous and "dashed". Sulphides occur as ~0.5% disseminated +/- quartz carbonate vein hosted Po, where locally up to ~1%. Po in this unit appears darker with a more bass like hue. Lower contact is sharp, ~20 DTCA.

Mineralization

- 617.49-619.19: ~2-3% disseminated Po
- 619.19-623.0: ~1-2% disseminated Po

Alteration

- 600.63-622.45: Weak to moderate, pervasive silicification with weak, pervasive sericite alteration.
- 622.45-633.0: Weak, pervasive, silicification

Structure

- 596.64-622.68; Bedding/ imbricated quartz grains occur ~40-50 DTCA
- 623.09-623.1: Lower contact; Lower contact is sharp, ~20 DTCA

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623.1 632.17 1D - Quartz pebble conglomerate
 Similar to that from 517.85m-529.91m. Dark to medium grey, muddy matrix with up to ~75%, 0.1-5cm subrounded blue quartz grains. Included are locally subrounded white grey granitoids. Overall grain size of the blue quartz increases with depth and becomes more grain supported with depth. A weakly developed imbrication is present. Fragments/injections of quartzite are present with sharp contacts in the unit at ~<20 DTCA at ~630m-630.20 and ~20 DTCA between 630.8m-631.30m. Sulphides occur as ~0.1% quartz carbonate vein hosted PoCpy. Lower contact is sharp, ~65 DTCA.

Mineralization

630.3-631.15: ~0.1-0.5% quartz-carbonate vein hosted PoCpy

Alteration

622.45-633.0: Weak, pervasive, silicification

Structure

623.1-632.16; Bedding/ imbrication of quartz grained ~40 DTCA

632.16-632.17: Lower contact; Lower contact is sharp, ~65 DTCA

632.17 637.78 1A - Quartzite
 Similar to that described from 617.49m-623.1m. Quartzite with floating white grains, bedded at ~55 DTCA with ~0.5-2cm wide quartz carbonate veins following bedding. Weak, local sericite alteration of the lighter areas compared to darker intervals. Sulphides occur as ~0.1-0.5% quartz carbonate vein hosted +/- disseminated PoCpy. The Po in this interval is similar to the compared interval, being darker with a more brass hue. Lower contact is sharp, ~35 DTCA.

Mineralization

633.0-637.78: ~0.5-1% disseminated +/- quartz-carbonate vein hosted Po

Alteration

622.45-633.0: Weak, pervasive, silicification

633.0-639.68: Weak-moderate, pervasive silicification

Structure

632.17-637.77; Bedding at ~30-40 DTCA

637.77-637.78: Lower contact; Lower contact is sharp, ~35 DTCA

637.78 639.68 1D - Quartz pebble conglomerate
 Similar to that from 517.85m-529.91m. Quartz pebble conglomerate that appears to be flattened. Muddy dark grey matrix with subrounded to elongated blue quartz grains. While dry, the unit resembles pseudotachylite. Beds are present on the mm-thickness at ~40 DTCA. An ~40cm wide area of quartzite is present from 638.6-639m with sharp contacts at ~40 DTCA. Subtle folding is present at ~639.2m with fold axis at ~70 DTCA. Sulphides occur as ~0.01-0.1% quartz carbonate vein hosted Py. Lower contact is sharp, ~45 DTCA.

Mineralization

639.39-639.7: ~0.01-0.1% quartz-carbonate vein hosted Py

Alteration

633.0-639.68: Weak-moderate, pervasive silicification

Structure

639.0-639.29: Folding; Folding of beds tightly

639.67-639.68: Lower contact; Lower contact is sharp, ~45 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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639.68 643.75 DIA - Diabase
 Diabase. Unit is medium green, fine grained, weakly brecciated to foliated, non-magnetic. This interval is not a chilled margin diabase as grains are visible. Contains ~80% amphibole, which are tear drop like following foliation. A wispy light green fine grained alteration is present over the unit. When in a vein, it is ~40 DTCA. Sulphides occur as ~0.1-0.5% quartz-carbonate vein hosted Po +/- Cpy. Lower contact is sharp, ~45 DTCA.

Mineralization

639.39-639.7: ~0.01-0.1% quartz-carbonate vein hosted Py

642.0-643.42: ~0.1-0.5% quartz-carbonate vein hosted Po

Alteration

639.68-646.13: Weak, pervasive chlorite and weak, patchy carbonate alterations

Structure

643.74-643.75: Lower contact; Lower contact is sharp, ~45 DTCA

643.75 644.13 SHR - Shearzone
 Possible weak shear zone or transition out of diabase from above. Unit is weakly sheared at ~45-50 DTCA. Unit is black green, fine grained, non-magnetic. No observed sulphides. Lower contact is sharp, ~50 DTCA.

Alteration

639.68-646.13: Weak, pervasive chlorite and weak, patchy carbonate alterations

Structure

643.75-644.12: Shear; See major litho

644.12-644.13: Lower contact; Lower contact is sharp, ~50 DTCA

644.13 652.66 1B - Siltstone
 Siltstone. Unit is fine grained, light medium grey, bedded at ~50 DTCA, non-magnetic. Minor folding is present from ~646.34m-647.4m. A ~4cm wide fault is present from 646.91m-646.95m with fault gouge, orientated at ~50 DTCA. Silty beds are mm-0.5cm wide of brown grey. Weak pervasive chlorite alteration present. Wispy green alteration present around 652m. Lower contact is gradational, ~50 DTCA. Marked by the decrease in bedding to a more massive unit.

Mineralization

645.0-647.5: ~0.1% quartz-carbonate vein hosted Po

649.75-663.0: ~0.01-0.1% disseminated Py and ~0.01% quartz-carbonate vein hosted Po

Alteration

639.68-646.13: Weak, pervasive chlorite and weak, patchy carbonate alterations

646.13-657.0: Moderate, pervasive chlorite alteration

Structure

644.53-645.0: Blocky core; blocky core

645.0-647.38: Folding; Undulatory to folded beds. Intensity of folding increases with depth

647.38-666.05; Bedding ranges from ~40-50 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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652.66 666.06 2A - Greywacke
 Possible greywacke or massive siltstone. Unit is medium grey, grades fine grained to aphanitic, massive to locally bedded, non-magnetic. Fine grained nature makes mineral percentages difficult. In more coarse intervals, very fine blue quartz present. Bedding begins down hole at ~661.25m at ~50 DTCA. Sulphides occur as ~0.5% disseminated Py after ~656m. Lower contact is sharp, ~45 DTCA

Mineralization

649.75-663.0: ~0.01-0.1% disseminated Py and ~0.01% quartz-carbonate vein hosted Po

Alteration

646.13-657.0: Moderate, pervasive chlorite alteration

664.0-664.2: Strong, pervasive chlorite alteration

Structure

647.38-666.05; Bedding ranges from ~40-50 DTCA

666.06 668.78 1A - Quartzite
 Similar to that from 617.49m-623.1m. Quartzite. Unit is light grey, fine grained, massive, non-magnetic. Unit contains ~90% recrystallized quartz. Matrix is a semi-translucent grey with sub rounded white grains. The unit is bisected by a carbonate vein running ~parallel to core axis. Sulphides occur as ~0.01-0.1% disseminated Po. Lower contact is sharp, ~55 DTCA.

Mineralization

667.4-668.0: ~0.01-0.1% disseminated Po

Alteration

666.06-668.78: Weak-moderate, pervasive silicification

Structure

668.77-668.78: Lower contact; Lower contact is ~55 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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668.78 702.47 2A - Greywacke
 Similar to that from 652.66m-666.06m. Greywacke/ siltstone. Unit is dark grey to black, fine grained, bedded to locally massive, non-magnetic. Unit is a dark grey matrix with up to ~1cm wide black beds. Bedding orientated at ~25-55 DTCA. Bedding starts at ~55 DTCA, shallows to ~25 DTCA until ~676m, and steepens back to ~50 DTCA around ~682m. During this shallow interval, silicification of the beds increases, giving a tan hue along the beds. Unit becomes more massive, similar to that from previous unit at ~692m. Sulphides occur as ~0.1% disseminated Py and ~0.01% disseminated Po. Lower contact is sharp and irregular.

Mineralization

- 672.0-683.25: ~0.01% disseminated Po
- 685.15-686.29: ~0.5% disseminated Py +/- fracture fill Py
- 686.29-708.0: ~0.01% disseminated Py +/- fracture fill Py

Alteration

- 668.78-671.19: Weak, pervasive silicification
- 671.19-686.0: Moderate, pervasive silicification
- 686.0-705.0: Weak moderate, pervasive silicification

Structure

- 668.78-676.37; Bedding is ~45-50 DTCA
- 676.37-682.0: Blocky core; Bedding is ~25 DTCA, and broken core from 678.5-680.4m as core missing
- 682.0-702.46; Bedding is ~50 DTCA
- 702.46-702.47: Lower contact; Lower contact is sharp, ~50 DTCA

702.47 702.6 FLT - Fault
 Possible fault zone. Unit is made of blocky and broken silicified metasediment. Lower contact is difficult to determine based on blockiness of the core.

Mineralization

- 686.29-708.0: ~0.01% disseminated Py +/- fracture fill Py

Alteration

- 686.0-705.0: Weak moderate, pervasive silicification

Structure

- 702.47-702.59: Fault; See major litho
- 702.59-702.6: Lower contact; Lower contact is sharp, and irregular due to blocky core

Project: Shakespeare Property	Hole Number: MMC-21-38
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From	To	Lithology
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702.6	707.99	2A - Greywacke Same as described from 668.78m-702.47m. Unit contains folding of beds not seen in the previous unit between 703.5m-705.7m. Folded sections are softer than non-folded. Folds are of a fine grained, medium grey muddy unit, with weakly developed beds of dark grey/blue wacke. Sulphides occur as ~0.1% quartz-carbonate vein hosted PyPo. Lower contact is end of hole.
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Mineralization

686.29-708.0: ~0.01% disseminated Py +/- fracture fill Py

Alteration

686.0-705.0: Weak moderate, pervasive silicification

705.0-708.0: Weak, patchy silicification, and moderate, patchy chlorite alteration

Structure

703.0-705.55: Folding; folding of beds, intensity of folding increase with depth

707.99	708	
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Mineralization

686.29-708.0: ~0.01% disseminated Py +/- fracture fill Py

Alteration

705.0-708.0: Weak, patchy silicification, and moderate, patchy chlorite alteration

Project: Shakespeare Property		Hole Number: MMC-21-39	
Drill Hole	Logging	Drilling	Coordinates
Hole Type: DD	Core Location:	Logging Started: Oct-03-2021	Drilling Started: Oct-01-2021
Hole Size: NQ	Claim Number:	Logging Completed:	Drilling Completed: Oct-02-2021
Purpose: Exp	Planned Depth: 160	Logged By: G.Hamilton	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 165		
			Type: Planned
			Grid: NAD83 / UTM zone 17N
			Easting: 436003
			Northing: 5133220
			Elevation: 277

Target:		
Comments:		
From	To	Lithology

0 11 OB - Overburden
 Drillers blocks indicate 10.5m of casing but only 1m of core occurs before the 12m block

11 38.96 3A - Nipissing gabbro
 Gabbro. Dark grey, medium grained, equigranular, massive, weakly magnetic. Consists of ~30% plagioclase and ~70% amphibole/pyroxene. Unit is cut by localized hematite stained fractures and blocky zones @ 24.54-25.74m. Weak, patchy hematite alteration occurs throughout. Gabbro appears relatively unaltered; possibly weak, patchy chlorite alteration. Interval is cut by 0.1-5cm light to medium grey/white quartz-carbonate veins ~25-40 DTCA. 0.01% quartz-carbonate vein hosted Cpy. Lower contact occurs ~15 DTCA.

Mineralization

38.1-38.2: 0.1% fracture controlled Py occurs along margin of quartz vein

Alteration

11.0-27.0: Weak, patchy, fracture controlled hematite alteration

Structure

24.54-25.74: Blocky core; Blocky core with hematite stained fractures and slip faces ~5 DTCA

33.13-33.27: Veins; 15cm medium grey quartz-carbonate vein ~30-35 DTCA

38.95-38.96: Lower contact; Lower contact is sharp ~15 DTCA.

38.96 39.66 QCVM - Mineralized Quartz-carbonate Vein
 Quartz carbonate vein - unmineralized but has same colour and texture as underlying mineralized quartz-carbonate vein. Light-medium grey/white and contains irregularly shaped, cm-scale wallrock fragments that appear to be weakly sericitized. No sulphides observed. Lower contact is sharp ~15 DTCA.

Structure

38.96-39.65: Veins; See major litho

39.65-39.66: Lower contact; Lower contact is sharp ~15 DTCA.

39.66 40.66 3A - Nipissing gabbro
 Similar to that described from 11-38.96m. 3-5mm of fault gouge occurs ~59.1m ~55 DTCA. Interval is cut by 0.1-10cm light grey to white quartz-carbonate veins ~25-75 DTCA. No sulphides observed. Lower contact is sharp ~15 DTCA.

Structure

40.65-40.66: Lower contact; Lower contact is sharp and irregular.

Project: Shakespeare Property	Hole Number: MMC-21-39
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From	To	Lithology
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40.66 41.23 QCVM - Mineralized Quartz-carbonate Vein
 Quartz carbonate vein - mineralized. Light-medium grey/white 3-5cm veins shallow to core axis ~5-10 DTCA and contains irregularly shaped, cm-scale wallrock fragments. Sulphides occur as disseminated Cpy within wall rock ~0.1%. Lower contact is sharp and irregular.

Mineralization

40.95-41.25: ~0.25-0.50% disseminated Cpy within vein selvages

Structure

40.66-41.22: Veins; See major litho

41.22-41.23: Lower contact; Lower contact is sharp and irregular.

41.23 59.44 3A - Nipissing gabbro
 Similar to that described from 11-38.96m. Weak, patchy chlorite alteration. 3-5mm of fault gouge occurs ~59.1m ~55 DTCA. Interval is cut by 0.1-10cm light grey to white and medium brown quartz-carbonate veins ~5-70 DTCA. Brown veins form a weak stockwork from 43-47m ~5-8% veining. No sulphides observed. Lower contact is sharp and irregular.

Mineralization

40.95-41.25: ~0.25-0.50% disseminated Cpy within vein selvages

Alteration

47.0-59.44: Weak, patchy chlorite alteration

Structure

43.0-47.0: Veins; Medium brown quartz-carbonate veins form a weak stockwork from 43-47m ~5-8% veining ~5-75 DTCA

52.93-53.06: Veins; ~15cm medium grey quartz-carbonate vein ~55-60 DTCA

59.1-59.11: Gouge; 3-5mm fault gouge seam ~55 DTCA

59.43-59.44: Lower contact; Lower contact is sharp and irregular.

59.44 59.95 QCVM - Mineralized Quartz-carbonate Vein
 Quartz carbonate vein - unmineralized but has similar colour and texture as overlying mineralized quartz-carbonate vein. Light-medium grey/white occurs as a diffuse, irregularly shaped vein. No sulphides observed. Lower contact is sharp and irregular.

Structure

59.44-59.94: Veins; See major litho

59.94-59.95: Lower contact; Lower contact is sharp and irregular.

59.95 62.82 3A - Nipissing gabbro
 Similar to that described from 11-38.96m. Chlorite alteration is weak and pervasive. Interval is cut by 0.1-2cm light grey to white and medium brown quartz-carbonate veins ~20-70 DTCA. No sulphides observed. Lower contact is gradational marked by increased foliation strength ~45 DTCA.

Alteration

59.95-62.82: Weak, pervasive chlorite alteration

Structure

62.81-62.82: Lower contact; Lower contact is gradational marked by increased foliation strength ~45 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-39
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From	To	Lithology
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62.82 64.64 SHR - Shearzone
 Sheared gabbro. Dark grey, medium grained, non magnetic, moderately foliated ~45 DTCA. Chlorite alteration is weak-moderate and pervasive. Interval is cut by 1-10 cm light to medium grey/white quartz-carbonate veins ~40-50 DTCA. No sulphides observed. Lower contact is gradational marked by weakening of foliation.

Alteration

62.82-64.64: Moderate, pervasive chlorite alteration

Structure

62.82-64.68: Shear; See major litho

64.64 72.03 3A - Nipissing gabbro
 Similar to that described from 11-38.96m. Chlorite alteration is weak and pervasive. Interval is cut by 0.1-2cm light grey to white quartz-carbonate veins ~35-65 DTCA. No sulphides observed. Lower contact is gradational marked by increased foliation strength ~60 DTCA.

Alteration

64.64-72.03: Weak, pervasive chlorite alteration

Structure

62.82-64.68: Shear; See major litho

64.68-64.69: Lower contact; Lower contact is gradational marked by decreased foliation strength ~45 DTCA.

71.5-72.02: Foliation; Weak foliation ~45 DTCA

72.02-72.03: Lower contact; Lower contact is gradational marked by increased foliation strength ~60 DTCA.

72.03 72.72 SHR - Shearzone
 Sheared gabbro. Dark grey, medium grained, non magnetic, moderately foliated ~55-60 DTCA. Foliation appears crenulated with veins following both orientations ~40 DTCA and 0 DTCA. Chlorite alteration is weak and pervasive. Interval is cut by 1-10 cm light to medium grey/white quartz-carbonate veins ~0-40 DTCA. No sulphides observed. Lower contact is gradational marked by weakening of foliation.

Alteration

72.03-72.72: Weak-moderate, pervasive chlorite alteration

Structure

72.03-72.71: Shear; See major litho

72.71-72.72: Lower contact; Lower contact is gradational marked by decreased foliation strength ~40 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-39
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From	To	Lithology
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72.72 102 3A - Nipissing gabbro
 Similar to that described from 11-38.96m. Unit displays patches of weak to moderate foliation throughout (i.e., 77.5-79m). Block error noted at 96m; two 96m blocks occurred with a 1m core grind. Chlorite alteration is weak and pervasive. Interval is cut by 0.1-2cm light grey to white quartz-carbonate veins ~15-60 DTCA. No sulphides observed. Lower contact is sharp ~10 DTCA.

Mineralization

74.05-74.15: ~0.1% quartz-carbonate vein hosted Cpy

Alteration

72.72-90.0: Weak, pervasive chlorite alteration

90.0-90.1: Moderate, fracture controlled hematite alteration - possible pink/red carbonate

90.1-165.0: Weak, pervasive chlorite alteration

Structure

72.72-74.5: Foliation; Weak foliation ~50 DTCA

78.0-80.0: Foliation; Weak foliation ~50-55 DTCA

101.99-102.0: Lower contact; Lower contact is sharp ~10 DTCA

102 107.11 PSEU - Pseudotachylite
 Pseudotachylite(?). Breccia occurs with cm-scale subangular to subrounded fragments of gabbro as described above contained within a medium-dark grey-green, very fine grained matrix. Breccia is clast supported with ~20% matrix and 80% fragments. Chlorite alteration is weak and pervasive. No sulphides observed. Interval is cut by <1% medium grey quartz-carbonate veins ~35 DTCA. Lower contact is sharp ~35 DTCA.

Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Structure

102.0-107.1: breccia; See major litho

107.1-107.11: Lower contact; Lower contact is sharp ~35 DTCA

107.11 116.15 3A - Nipissing gabbro
 Similar to that described from 11-38.96m. Unit contains sporadic patches of pseudotachylite throughout (i.e., 113.9-114.2m). Chlorite alteration is weak and pervasive. Interval is cut by 0.1-2cm light grey to white quartz-carbonate veins ~30-45 DTCA. No sulphides observed. Lower contact is sharp ~5 DTCA.

Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Structure

116.14-116.15: Lower contact; Lower contact is sharp ~5 DTCA.

Project: Shakespeare Property	Hole Number: MMC-21-39
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From	To	Lithology
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116.15 116.8 FLT - Fault

Fault zone. Upper contact occurs as fault plane with chloritic slickenlines, 1-2mm of mud/fault gouge, and fault-fill quartz-carbonate-chlorite veining ~1-2cm. Fault orientation is almost parallel TCA ~5 DTCA. No sulphides observed. Lower contact is sharp ~5 DTCA.

Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Structure

116.15-116.79: Gouge; See major litho

116.79-116.8; Lower contact is sharp ~5 DTCA

116.8 118.59 3A - Nipissing gabbro

Same unit as described from 107.11-116.15m. Interval contains blocky core from 117-117.3m and chloritic slips at 117.5m ~20 DTCA. No sulphides observed. Lower contact is sharp ~25 DTCA.

Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Structure

117.0-117.3: Blocky core; Blocky core

118.58-118.59: Lower contact; Lower contact is sharp ~25 DTCA.

118.59 127.63 PSEU - Pseudotachylite

Similar to that described from 102-107.11m. Breccia is matrix supported with ~60% matrix and ~40% cm-scale, subrounded to subangular gabbro fragments. Breccia appears to be localized along the contact between the gabbro and amphibole-rich gabbro - possibly due to rheological contrast. No sulphides observed. Lower contact is sharp ~20 DTCA.

Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Structure

118.59-127.62: breccia; See major litho

127.62-127.63: Lower contact; Lower contact is sharp ~20 DTCA

Project: Shakespeare Property	Hole Number: MMC-21-39
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From	To	Lithology
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127.63 164.99 AmphGab - Amphibole -rich Gabbro
 Amphibole-rich gabbro. Dark grey, fine to medium grained, massive and locally brecciated, non magnetic. Consists of ~90% amphibole/pyroxene with ~10% plagioclase (?) - unit is very dark. Unit contains sporadic patches of pseudotachylite throughout. Interval is cut by 0.1-2cm, light grey to white quartz-carbonate veining ~10-60 DTCA. Sulphides occur ~0.01% disseminated to quartz-carbonate vein hosted Cpy+/-Po and Mo-Cpy; zone of ~2% disseminated/foliation controlled Cpy+/-Po occurs from 144.54-145.09m. A Mo-Cpy-bearing quartz-carbonate vein occurs from 138.81-138.96m with ~2% Mo and 0.25% Cpy. EOH

Mineralization

- 138.81-138.96: ~2% quartz-carbonate vein hosted Mo and ~0.25% Cpy
- 144.54-145.09: ~2% foliation controlled Cpy+/-Po
- 145.09-146.07: ~0.1% disseminated Cpy
- 158.5-158.6: ~0.5% fracture controlled Cpy
- 160.0-160.1: ~0.5-1.0% fracture controlled Cpy

Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Structure

138.81-138.96: Veins; 15cm medium grey quartz-carbonate vein with ~2% Mo and 0.25% Cpy ~55 DTCA

164.99	165	EOH
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Alteration

90.1-165.0: Weak, pervasive chlorite alteration

Project: Project		Hole Number: MP4-21-01					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Aug-01-2021	Drilling Started: Jul-31-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Aug-12-2021	Drilling Completed: Aug-10-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 300	Logged By: G. Hamilton & C. Caskenette	Drilling Contractor: Gyllis	Easting:	441785		
Casing: Mt	Actual Depth: 393			Northing:	5135551		
Elevation: 352							

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	1.13	OB - Overburden										

1.13	18.8	1A - Quartzite	S00432217	17.65	18.8	1.15	0.00161	0.0015	0.0032	0.0025	0.0025	0.005
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Quartzite. Dark grey blue to light grey brown, fine grained, bedded between ~35-50 DTCA, non-magnetic. Moderate pervasive silicification. Unit is cut by mm-scale quartz-carbonate stringers following bedding. Intermixed with possible quartz-diorite. Orange oxidized colouring on fracture faces and along small closed fractures. ~0.01% quartz-carbonate vein hosted Po from 7m-7.42m. Py visible along fracture faces from ~11m-17.65m (likely ~0.01-0.5% disseminated). Lower contact is sharp ~25 DTCA.

Mineralization

7.0-7.42: ~0.01% quartz-carbonate vein hosted Po

11.0-20.0: ~0.01% disseminated Py

Alteration

1.13-18.8: Moderate, pervasive silicification

Structure

1.13-18.8: Foliation; Bedding/foliation of metasediment ranging from ~35-50 DTCA

18.8	19.34	SHR - Shearzone	S00432218	18.8	19.34	0.54	0.0044	0.0014	0.0041	0.0025	0.0025	0.005
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Shear zone. Moderately foliated ~40 DTCA. Moderate, pervasive chlorite alteration. Sulphides occur as 0.1% fracture controlled to disseminated Po. Lower contact is sharp ~30 DTCA.

Mineralization

11.0-20.0: ~0.01% disseminated Py

Alteration

18.8-19.34: Moderate, pervasive chlorite alteration

Structure

18.8-19.33: Shear; see major litho

19.33-19.34: Lower contact; Lower contact is sharp ~30 DTCA.

Project:		Project										
		Hole Number: MP4-21-01										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
19.34	20	1A - Quartzite	S00432219	19.34	20.04	0.7	0.0036	0.0015	0.0035	0.0025	0.0025	0.005
Similar to that described from 1.13-20 m. Lower contact is sharp ~30 DTCA.												
Mineralization												
11.0-20.0: ~0.01% disseminated Py												
Alteration												
19.34-20.0: Moderate, pervasive silicification												
Structure												
19.99-20.0: Lower contact; Lower contact is sharp ~30 DTCA												
20	20.68	4D - Biotite quartz diorite	S00432219	19.34	20.04	0.7	0.0036	0.0015	0.0035	0.0025	0.0025	0.005
Quartz diorite (?). Medium-dark grey, fine grained, non magnetic, weakly foliated ~30 DTCA. Consists of 10-20%, dark grey, 1-2mm quartz phenocrysts surrounded by a fine grained groundmass likely composed of plagioclase-chlorite+/-biotite. 0.01% disseminated Po. Lower contact is irregular and brecciated.			S00432221	20.04	20.68	0.64	0.00327	0.0018	0.0044	0.0025	0.0025	0.005
Structure												
20.0-20.67: Foliation												
20.67-20.68: Lower contact; Lower contact is irregular and brecciated.												

Project:	Project	Hole Number: MP4-21-01
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
20.68	39.51	1A - Quartzite	S00432222	20.68	21.0	0.32	0.00616	0.0028	0.0151	0.0025	0.0025	0.005
<p>Similar to that described from 1.13-20 m. Unit is well bedded to foliated ~30-45 DTCA. Unit has a spotted appearance locally with light-medium grey spots throughout - hornfels (?). Sulphides occur as disseminated to fracture filling Po ~0.01%, locally up to 3-5% i.e., 20.68-20.9m and 20.65-22m. Unit appears to be cut by many, diffuse, cm to decimeter scale quartz diorite (?) intrusions throughout i.e., 28.28-28.9m. Interval is also cut by decimeter scale pseudotachylite at 30.9-31.2m. Lower contact is sharp ~25 DTCA.</p>												
			S00432223	21.0	21.65	0.65	0.00976	0.0052	0.0053	0.0025	0.0025	0.005
			S00432224	21.65	22.0	0.35	0.0177	0.0078	0.0083	0.0025	0.0025	0.005
			S00432225	22.0	23.33	1.33	0.00516	0.0022	0.0042	0.0025	0.0025	0.005

Mineralization

20.68-20.9: ~3% fracture controlled Po

20.9-21.65: ~1-2% disseminated Po

21.65-22.0: ~3-5% fracture controlled Po

22.0-24.0: ~0.1% disseminated Po

Alteration

20.68-30.9: Moderate, pervasive silicification

30.9-31.4: Weak-moderate, fracture controlled chlorite alteration

31.4-42.0: Moderate, pervasive silicification

Structure

20.68-30.9: Bedding/foliation of quartzite ~40-45 DTCA.

30.9-31.1: breccia; 20cm patch of foliated pseudotachylite ~30 DTCA

39.5-39.51: Lower contact; Lower contact is sharp, ~30 DTCA

39.51 40.28 1C - Feldspathic quartzite

Quartzite, possibly feldspathic. Similar to that described from 1.13m to 20m. Unit is bedded to foliated at ~30 DTCA. Unit has coarse spotted appearance of blue grey quartz and white pink feldspars. Lower contact is sharp, ~40 DTCA.

Alteration

31.4-42.0: Moderate, pervasive silicification

Structure

39.51-40.27; foliation/ bedding ~30-40 DTCA

40.27-40.28: Lower contact; Lower contact is sharp, ~40 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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40.28 56.24 1A - Quartzite

Similar to that described from 1.13m-20m. Unit is well bedded ~35-40 DTCA. Moderate pervasive silicification and weak moderate, pervasive chlorite alteration are present. Unit transitions from a medium grey to dark grey black, 51.37m, where chlorite alteration increases. Localized soft yellow carbonate(?) is noticed in pseudotachylite-like interval (54.54m-55m) with speckled biotite. Lower contact is sharp, ~40 DTCA.

Mineralization

44.9-47.0: ~0.1% fracture controlled Py

Alteration

- 31.4-42.0: Moderate, pervasive silicification
- 42.0-46.7: Moderate, pervasive silicification, and weak moderate, foliation controlled chlorite alteration
- 46.7-51.16: Moderate, pervasive silicification
- 51.16-53.43: Weak moderate, pervasive chlorite alteration
- 53.43-54.53: Moderate, pervasive silicification
- 54.53-56.94: Pervasive, moderate chlorite alteration

Structure

- 40.28-56.23: Bedding/ foliation ~30-40 DTCA
- 56.23-56.24: Lower contact; Lower contact is sharp, ~40 DTCA

56.24 56.94 PSEU - Pseudotachylite

Pseudotachylite-like breccia. Dark grey to black, fine grained with stretched and sub-rounded blue quartz. Brecciation follows foliation at ~40 DTCA. Lower contact is sharp, ~40 DTCA.

Alteration

- 54.53-56.94: Pervasive, moderate chlorite alteration

Structure

- 56.24-56.93: breccia; See major litho
- 56.93-56.94: Lower contact; Lower contact is sharp, ~40 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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56.94 58.43 1A - Quartzite

Similar to previous metasediment from 40.28m-56.24m. Bedded to foliated texture. ~0.01% disseminated Po. Lower contact is sharp, ~40 DTCA.

Mineralization

57.4-60.0: ~0.01% quartz-carbonate vein hosted to disseminated Po

Alteration

56.94-66.93: Moderate, pervasive silification

Structure

58.42-58.43: Lower contact; Lower contact is sharp, ~40 DTCA

58.43 60.43 PSEU - Pseudotachylite

Similar to breccia unit from 56.24m-56.94m. Unit is cut by mm-scale quartz carbonate stringers following foliation, and in random orientations. ~0.01-0.1% quartz-carbonate vein hosted Py. Lower contact is sharp, ~40 DTCA.

Mineralization

57.4-60.0: ~0.01% quartz-carbonate vein hosted to disseminated Po

Alteration

56.94-66.93: Moderate, pervasive silification

Structure

58.43-60.42: breccia; see major litho

60.42-60.43: Lower contact; Lower contact is sharp, ~40 DTCA

60.43 66.93 1A - Quartzite

Similar to that described from 40.28m-56.24m. Quartzite. Medium to light grey, foliated ~40 DTCA. Unit is cut by mm-scale off white/ yellow carbonate stringers following foliation. Moderate, pervasive silification with patchy cm-scale weak-moderate chlorite alteration. ~0.01% fracture fill Py. Lower contact is sharp, ~45 DTCA.

Alteration

56.94-66.93: Moderate, pervasive silification

Structure

66.92-66.93: Lower contact; Lower contact is sharp, ~45 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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66.93 67.48 SHR - Shearzone

Shear zone. Moderately foliated ~35-40 DTCA. Moderate, pervasive chlorite alteration. Localized stretched quartz inclusions are present following foliation. Lower contact is sharp, ~40 DTCA.

Alteration

66.93-67.54: Weak moderate, pervasive chlorite

Structure

66.93-67.47: Shear; see major litho

67.47-67.48: Lower contact; Lower contact is sharp, ~40 DTCA

67.48 99 1A - Quartzite

Similar to that described from 1.13m-20m. Medium grey with local darker and lighter grey intervals, fine grained, bedded to foliated ~45-50 DTCA. Pods of pseudotachylite on the decimeter scale are present between 69m-70.2m. ~0.01% quartz-carbonate vein hosted Po from 71.5m-71.8m, from 80.6m-80.8m. ~0.1% quartz-carbonate vein hosted Po is present from 86.7m-87m & from 97m-97.5m. ~0.01% fracture fill Py is seen from 91m- 96m. Lower contact is sharp, ~50 DTCA.

S00432226	85.1	86.54	1.44	0.0007	0.0027	0.0024	0.0025	0.0025	0.005
S00432227	86.54	87.0	0.46	0.00062	0.0015	0.0024	0.0025	0.0025	0.005
S00432228	87.0	87.9	0.9	0.00087	0.0028	0.0021	0.0025	0.0025	0.005

Mineralization

71.0-72.0: ~0.01-0.1% quartz-carbonate vein hosted Po

80.0-81.0: ~0.01% quartz-carbonate vein hosted Po

86.5-87.0: ~1% disseminated Po

97.0-98.0: ~0.01-0.1% quart-carbonate vein hosted Po

Alteration

66.93-67.54: Weak moderate, pervasive chlorite

67.54-87.0: Moderate, pervasive silicification

87.0-95.9: Moderate, pervasive silicification, and weak moderate, pervasive chlorite alteration

95.9-99.0: Moderate, pervasive silicification

Structure

69.24-69.59: breccia; ~35cm wide patchy of pseudotachylite breccia

78.0-96.0: foliation/ bedding ~45- 50 DTCA

98.99-99.0: Lower contact; Lower contact is sharp, ~50 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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99 99.24 SHR - Shearzone
 Similar to that described from 66.93m-67.48m. Black, fine grained, foliated ~50 DTCA. Off-white/ yellow stringers following foliation. Lower contact is sharp, ~50 DTCA.

Alteration

99.0-99.24: Moderate, pervasive chlorite alteration

Structure

99.0-99.23: Shear; see major litho

99.23-99.24: Lower contact; lower contact is sharp, ~50 DTCA

99.24 100.84 1A - Quartzite
 Similar to that described from 1.13m-20m. Medium grey with off-white/ yellow stringers and tanned faint red brown, bedded to foliated ~40-50 DTCA. Unit is cut by mm-scale quartz-carbonate stringers following foliation. Lower contact is sharp, ~40 DTCA.

Alteration

99.57-100.83: Moderate strong, pervasive silicification

100.83-101.49: Weak moderate, pervasive chlorite alteration

Structure

100.82-100.83: Lower contact; Lower contact is sharp, ~40 DTCA

100.83-101.4: Shear; see major litho

100.84 101.41 SHR - Shearzone
 Similar to that described from 66.93m-67.48m. Shearing has inclusion of pseudotachylite. Lower contact is sharp, ~40 DTCA.

Alteration

100.83-101.49: Weak moderate, pervasive chlorite alteration

Structure

100.83-101.4: Shear; see major litho

101.4-101.41: Lower contact; Lower contact is sharp, ~40 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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101.41 138.61 2A - Greywacke

Interbedded wacke to sandstone and siltstone. Consists of medium grey beds of wacke with brown interbeds of siltstone. Bedding ranges from 30-50 DTCA. Wacke displays variable hardness - possibly weak-moderate, patchy silicification. Weak, pervasive chlorite alteration of siltstone beds. Unit displays strain along bedding - possibly foliation parallel to bedding. Sulphides occur as fracture filling to foliation parallel PyPo. Lower contact is sharp ~50 DTCA.

Mineralization

- 104.5-105.15: ~0.1% disseminated Po
- 108.0-109.0: ~0.01% disseminated Po
- 114.0-115.0: ~0.01% disseminated Po
- 124.0-125.2: ~0.01% fracture controlled Po
- 128.9-129.2: ~0.01% fracture controlled to disseminated Po
- 138.0-143.7: ~0.1% fracture controlled to disseminated Po

Alteration

- 100.83-101.49: Weak moderate, pervasive chlorite alteration
- 101.49-115.17: Moderate, pervasive silicification
- 115.17-117.95: Moderate, pervasive silicification, and weak pervasive chlorite alteration
- 117.95-154.2: Weak-moderate, patchy silicification with weak, pervasive chlorite alteration of siltstone beds

Structure

- 120.8-122.0
- 124.0-138.6; Bedding ranges from 40-50 DTCA
- 138.6-138.61: Lower contact; Lower contact is sharp ~50 DTCA.

138.61 140.24 SHR - Shearzone

Similar to that described from 66.93m-67.48m. Foliation ranges from 45-50 DTCA. Contains ~0.5% foliation to fracture controlled Py. Shearing becomes patchier toward lower contact. Lower contact is sharp, ~60 DTCA.

Mineralization

- 138.0-143.7: ~0.1% fracture controlled to disseminated Po

Alteration

- 117.95-154.2: Weak-moderate, patchy silicification with weak, pervasive chlorite alteration of siltstone beds

Structure

- 138.61-140.23: Shear; see major litho
- 140.23-140.24; Lower contact is sharp ~60 DTCA.

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
140.24	154.2	2A - Greywacke	E5947701	153.0	154.0	1					0.005	0.005
Similar to that described from 101.41-138.61m. Bedding occurs ~50 DTCA. Sulphides occur as 0.1% fracture and/or foliation/bedding controlled Po with 0.01% silver, highly reflective sulphide along fracture face @143.7-143.8m - possibly galena. Lower contact is sharp ~45 DTCA.			E5947702	154.0	154.2	0.2					0.005	0.005

Mineralization

138.0-143.7: ~0.1% fracture controlled to disseminated Po
 143.7-143.8: ~0.1% fracture controlled Po with a silver, highly reflective sulphide mineral along a fracture face - possibly galena
 143.8-154.2: ~0.1% fracture controlled to disseminated Po

Alteration

117.95-154.2: Weak-moderate, patchy silicification with weak, pervasive chlorite alteration of siltstone beds

Structure

140.24-154.19; Bedding ranges from 45-50 DTCA
 154.19-154.2: Lower contact; Lower contact is sharp ~45 DTCA.

154.2	154.82	SHR - Shearzone	E5947703	154.2	154.84	0.64					0.005	0.005
Similar to that described from 66.93m-67.48m. Foliation occurs ~50 DTCA. Contains ~0.5% foliation to fracture controlled PoCpy. Chlorite alteration is moderate and pervasive with weak, pervasive carbonate alteration. Lower contact is sharp, ~60 DTCA.												

Mineralization

154.2-154.84: ~0.5% foliation controlled/disseminated PoCpy

Alteration

154.2-154.82: Moderate, pervasive chlorite alteration.

Structure

154.2-154.81: Shear; see major litho
 154.81-154.82: Lower contact; Lower contact is sharp ~55 DTCA.

Project:		Project										Hole Number: MP4-21-01					
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)					
154.82	157.98	4B - Melagabbro	E5947703	154.2	154.84	0.64					0.005	0.005					
Gabbro/Melagabbro (?). Dark green, fine grained, non magnetic, weakly foliated ~55 DTCA. Consists of a fine grained, dark green groundmass of chlorite/amphibole with ~20-30%, 1-2mm plagioclase phenocrysts. Unit contains 1-5mm rock fragments - possibly metasediment. Weak-moderate, pervasive chlorite alteration. Sulphides occur as disseminated to locally foliation controlled PoCpy ~5-8% overall, locally up to 10-15% from 156.75-157.17m. Lower contact is sharp ~50 DTCA.			E5947704	154.84	155.83	0.99					0.3	0.14					
			E5947705	155.83	156.75	0.92						0.36	0.31				
			E5947706	156.75	157.17	0.42							1	0.94			
			E5947708	157.17	157.98	0.81							0.23	0.17			
			Mineralization 154.2-154.84: ~0.5% foliation controlled/disseminated PoCpy 154.84-156.75: ~3-5% disseminated PoCpy 156.75-157.17: ~10-15% disseminated PoCpy 157.17-157.98: ~3-5% disseminated PoCpy														
Alteration 154.82-157.98: Weak-moderate, pervasive chlorite alteration.																	
Structure 154.82-157.97: Foliation 157.97-157.98: Lower contact; Lower contact is sharp ~50 DTCA.																	
157.98	180.7	2A - Greywacke	E5947709	157.98	158.17	0.19					0.005	0.005					
Similar to that described from 101.41-138.61m. Localized interbeds of quartzite occur. Bedding occurs ~40-55 DTCA and displays strain along bedding planes with wacke beds being flattened/pulled apart. Sulphides occur as 0.01% fracture and/or foliation/bedding controlled PyPo. Lower contact is irregular.			E5947710	158.17	159.21	1.04					0.005	0.005					
Mineralization 157.98-174.0: ~0.01% fracture controlled to disseminated Po																	
Alteration 157.98-180.7: Weak-moderate, patchy silicification with weak, pervasive chlorite alteration of siltstone beds																	
Structure 157.98-160.95 160.95-161.2: Shear; Narrow shear (?) - strained bedding, beds have been stretched 161.2-166.75 166.75-167.0: Shear; Narrow shear (?) - strained bedding, beds have been stretched 167.0-180.0 180.69-180.7: Lower contact; Lower contact is sharp and irregular.																	

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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180.7 182.15 1A - Quartzite

Quartzite. Medium grey, massive, recrystallized, >90% quartz. No sulphides observed. Lower contact is sharp ~35 DTCA.

Alteration

180.7-182.15: Moderate, pervasive silicification

Structure

182.14-182.15: Lower contact; Lower contact is sharp ~35 DTCA.

182.15 219 2A - Greywacke

Similar to that described from 101.41-138.61m. Occurs as wacke interbedded with quartzite and 3-20cm beds of finely laminated siltstone. Bedding occurs ~55 DTCA. Sulphides occur as 0.01% fracture controlled and quartz-carbonate vein hosted Po. Lower contact is gradational.

Mineralization

- 189.8-190.0: ~0.5% quartz-carbonate vein hosted Po
- 190.0-199.0: ~0.01% fracture controlled to disseminated Po
- 199.0-199.5: ~0.5% disseminated Po
- 199.5-200.55: ~0.01% fracture controlled to disseminated Po
- 200.55-200.65: ~1-2% quartz-carbonate vein hosted Po
- 200.65-254.17: ~0.01% fracture controlled Po

Alteration

- 182.15-206.65: Moderate, pervasive silicification with weak-moderate, patchy chlorite alteration concentrated within silty beds
- 206.65-254.17: Moderate, pervasive silicification with weak-moderate, patchy chlorite alteration concentrated within silty beds

Structure

- 196.5-197.2
- 204.0-208.0
- 208.0-211.0
- 214.0-220.0

Project:		Project										Hole Number: MP4-21-01				
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)				
219	254.17	1A - Quartzite														
<p>Similar to that described from 180.7-182.15m. Quartzite is the dominant unit in this interval with minor interbedded siltstone beds throughout. Bedding occurs ~55-75 DTCA. Sulphides occur as 0.1% fracture controlled Po. Lower contact is sharp ~50 DTCA.</p> <p>Mineralization 200.65-254.17: ~0.01% fracture controlled Po</p> <p>Alteration 206.65-254.17: Moderate, pervasive silicification with weak-moderate, patchy chlorite alteration concentrated within silty beds</p> <p>Structure 214.0-220.0 220.0-229.0 229.0-236.0 254.16-254.17: Lower contact; Lower contact is sharp ~50 DTCA.</p>																
254.17	257.84	4B - Melagabbro	E5947713	257.24	257.84	0.6	0.00362	0.0093	0.0105	0.06	0.01	0.01				
<p>Melagabbro (?). Dark green-grey, fine grained, non magnetic, massive, inequigranular. Consists of ~80-90% amphibole/pyroxene with 10-20% plagioclase. Interval contains up to 20% 1-3mm black, nobby pyroxene phenocrysts towards center of intrusion. Weak, pervasive chlorite alteration. No sulphides observed. Lower contact is sharp ~60 DTCA.</p> <p>Alteration 254.17-257.84: Weak, pervasive chlorite alteration</p> <p>Structure 257.83-257.84: Lower contact; Lower contact is harp ~60 DTCA.</p>																
257.84	260.76	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	E5947714	257.84	258.23	0.39	0.00074	0.006	0.0017	0.005	0.005	0.01				
<p>Magmatic breccia. Occurs as cm-scale, angular to subangular fragments of quartzite within gabbroic matrix. Quartzite fragments contain up to 10% speckled biotite throughout and matrix also contains biotite. Chlorite alteration of gabbroic matrix is weak-moderate and pervasive. Some fragments appear to be partially resorbed/assimilated. Sulphides occur as 0.1% disseminated PoCpy associated with quartzite fragments. Lower contact is sharp and irregular.</p> <p>Mineralization 258.23-258.59: ~0.5% disseminated PoCpy</p> <p>Alteration 257.84-260.76: Moderate, pervasive silicification with weak-moderate, patchy chlorite alteration concentrated within gabbroic matrix</p> <p>Structure 257.84-260.75: breccia; See major litho 260.75-260.76: Lower contact; Lower contact is sharp and irregular.</p>																
			E5947715	258.23	258.46	0.23	0.001	0.0102	0.0027	0.005	0.005	0.005				
			E5947716	258.46	258.59	0.13	0.0012	0.007	0.0019	0.01	0.005	0.005				
			E5947717	258.59	259.42	0.83	0.00136	0.0024	0.0031	0.005	0.005	0.005				
			E5947718	259.42	260.75	1.33	0.00103	0.0057	0.002	0.005	0.005	0.005				
			E5947719	260.75	261.48	0.73	0.00348	0.0076	0.006	0.05	0.005	0.005				

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
260.76	264.55	4B - Melagabbro	E5947719	260.75	261.48	0.73	0.00348	0.0076	0.006	0.05	0.005	0.005
Similar to that described from 254.17-257.84m. Sulphides occur as 0.01% disseminated Po. Lower contact is sharp ~55 DTCA.			E5947721	261.48	261.97	0.49	0.00349	0.0096	0.0059	0.01	0.005	0.005
Alteration			E5947722	261.97	263.1	1.13	0.00404	0.0122	0.0065	0.01	0.005	0.01
260.76-264.55: Weak, pervasive chlorite alteration			E5947723	263.1	263.43	0.33	0.00338	0.0139	0.0058	0.01	0.005	0.005
Structure			E5947724	263.43	264.58	1.15	0.00264	0.0059	0.0052	0.01	0.005	0.01
264.54-264.55: Lower contact; Lower contact is sharp ~55 DTCA.												
264.55	268.57	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	E5947724	263.43	264.58	1.15	0.00264	0.0059	0.0052	0.01	0.005	0.01
Similar to that described from 257.84-260.76m. Sulphides occur as ~0.1% disseminated PoCpy, locally up to 0.5%. Lower contact is sharp and irregular based on disappearance of quartzite fragments.			E5947725	264.58	265.1	0.52	0.00138	0.0037	0.0024	0.005	0.005	0.005
Mineralization			E5947726	265.1	265.47	0.37	0.00194	0.0089	0.0039	0.01	0.005	0.005
265.1-266.0: ~0.5% fracture controlled to disseminated PoCpy			E5947727	265.47	265.72	0.25	0.00143	0.0028	0.0026	0.005	0.005	0.005
266.0-267.81: ~0.1% fracture controlled to disseminated Po			E5947728	265.72	265.98	0.26	0.00192	0.0129	0.0049	0.005	0.005	0.005
Alteration			E5947729	265.98	266.54	0.56	0.00202	0.0083	0.0039	0.01	0.005	0.005
264.55-268.37: Moderate, pervasive silicification with weak-moderate, patchy chlorite alteration concentrated within gabbroic matrix			E5947731	266.54	267.27	0.73	0.00192	0.0085	0.0031	0.005	0.005	0.005
268.37-322.4: Weak, pervasive chlorite alteration			E5947732	267.27	267.81	0.54	0.00294	0.0052	0.0063	0.005	0.005	0.005
Structure			E5947733	267.81	268.06	0.25	0.00283	0.0049	0.0072	0.005	0.01	0.005
264.55-268.36: breccia; See major litho			E5947734	268.06	268.46	0.4	0.00204	0.0238	0.006	0.01	0.03	0.005
268.36-268.37: Lower contact; Lower contact is sharp and irregular based on the disappearance of quartzite fragments.			E5947735	268.46	269.32	0.86	0.00188	0.0054	0.0046	0.005	0.005	0.005

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
268.57	311	4C - Quartz gabbro	E5947735	268.46	269.32	0.86	0.00188	0.0054	0.0046	0.005	0.005	0.005
<p>Quartz gabbro. Dark grey, fine-medium grained with coarse grained patches-varitextured, non magnetic. Consists of ~55% amphibole/pyroxene, 30% plagioclase, ~10% biotite and ~5% quartz; locally unit becomes darker in colour and has lower plagioclase content making it appear pyroxenitic. Weak, pervasive chlorite alteration. Unit is cut by mm-scale quartz-carbonate stringers ~10-65 DTCA and trace smoky grey quartz veining @271.4m ~55 DTCA. Sulphides occur as disseminated to quartz-carbonate vein hosted PoCpy ~0.1%, locally up to 0.5-1.0% at the decimeter scale associated with coarse grained to leucocratic patches (i.e., 282.54-283m). Lower contact is gradational marked by darker coloured unit.</p> <p>Mineralization</p> <p>271.82-272.37: ~1% disseminated PoCpy</p> <p>272.37-274.79: ~0.1% fracture controlled PoCpy</p> <p>274.95-275.05: ~0.5% fracture controlled Cpy</p> <p>278.62-278.92: ~0.1% quartz-carbonate vein hosted Po</p> <p>282.54-283.0: ~1% disseminated PoCpy</p> <p>301.15-301.25: ~0.5% quartz-carbonate vein hosted Po</p> <p>302.4-302.5: ~0.5-1.0% quartz-carbonate vein hosted Po</p> <p>303.72-303.82: ~0.5% quartz-carbonate vein hosted Po</p> <p>306.0-306.63: ~1-2% quartz-carbonate vein hosted Po</p> <p>307.05-307.15: ~1-2% quartz-carbonate vein hosted Po</p> <p>Alteration</p> <p>268.37-322.4: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>302.45-302.55: Veins; ~2cm grey quartz vein ~35 DTCA with ~0.5% Po</p> <p>306.0-306.63: Veins; ~1cm wide white quartz-carbonate vein ~0 DTCA with 1-2% Po</p> <p>307.05-307.15: Veins; ~2cm grey quartz vein ~25 DTCA with 0.5% Po with minor disseminated Po adjacent to vein</p> <p>310.99-311.0: Lower contact; Lower contact is gradational marked by darker coloured unit.</p>			E5947736	269.32	269.7	0.38	0.00208	0.0099	0.005	0.005	0.01	0.005
			E5947737	269.7	270.51	0.81	0.00204	0.0085	0.0047	0.005	0.01	0.005
			E5947738	270.51	271.29	0.78	0.00209	0.009	0.0049	0.005	0.005	0.005
			E5947739	271.29	271.43	0.14	0.002	0.0038	0.0036	0.005	0.02	0.005
			E5947741	271.43	271.82	0.39	0.00224	0.0096	0.005	0.005	0.01	0.005
			E5947742	271.82	272.04	0.22	0.0045	0.0454	0.0093	0.005	0.005	0.005
			E5947743	272.04	272.37	0.33	0.00278	0.0775	0.0057	0.02	0.01	0.005
			E5947744	272.37	273.63	1.26	0.00207	0.013	0.0041	0.005	0.005	0.005
			E5947745	273.63	274.79	1.16	0.00206	0.0071	0.0042	0.005	0.01	0.005
			E5947746	274.79	275.26	0.47	0.00224	0.0157	0.0044	0.01	0.005	0.005
			E5947747	275.26	276.0	0.74	0.00194	0.0068	0.0036	0.005	0.005	0.005
			E5947748	276.0	277.22	1.22	0.00236	0.0105	0.0045	0.03	0.01	0.01
			E5947749	277.22	278.62	1.4	0.00204	0.0099	0.0038	0.01	0.005	0.01
E5947751	278.62	278.92	0.3	0.00195	0.0097	0.0037	0.005	0.005	0.01			
E5947752	278.92	279.64	0.72	0.0022	0.0083	0.0038	0.005	0.005	0.01			
E5947753	279.64	280.53	0.89	0.00201	0.0112	0.0034	0.005	0.005	0.005			
E5947754	280.53	280.84	0.31	0.00253	0.0092	0.0039	0.005	0.01	0.005			
E5947755	280.84	282.0	1.16	0.00213	0.0101	0.0032	0.01	0.01	0.01			
E5947756	282.0	282.54	0.54	0.00303	0.0064	0.0035	0.005	0.01	0.01			
E5947757	282.54	283.0	0.46	0.00481	0.0381	0.0042	0.01	0.005	0.005			
E5947758	283.0	284.33	1.33	0.00312	0.0158	0.0039	0.005	0.01	0.005			
E5947759	300.0	301.1	1.1	0.00314	0.0189	0.0044	0.01	0.01	0.01			
E5947761	301.1	301.26	0.16	0.00353	0.0175	0.0049	0.005	0.01	0.01			
E5947762	301.26	302.38	1.12	0.00323	0.0185	0.0049	0.01	0.01	0.02			
E5947763	302.38	302.58	0.2	0.00345	0.0305	0.0063	0.005	0.02	0.01			
E5947764	302.58	303.62	1.04	0.0032	0.0175	0.0048	0.01	0.02	0.01			
E5947765	303.62	303.81	0.19	0.00303	0.0189	0.0047	0.03	0.02	0.01			
E5947766	303.81	305.21	1.4	0.00333	0.0175	0.0052	0.005	0.02	0.01			
E5947767	305.21	306.0	0.79	0.00299	0.0129	0.0046	0.005	0.01	0.01			
E5947768	306.0	306.63	0.63	0.00295	0.0144	0.0045	0.005	0.01	0.01			
E5947769	306.63	307.03	0.4	0.00297	0.0119	0.0045	0.005	0.01	0.01			

Project: Project			Hole Number: MP4-21-01									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
			E5947771	307.03	307.19	0.16	0.003	0.0178	0.0043	0.005	0.01	0.01
			E5947772	307.19	308.27	1.08	0.00306	0.0185	0.0045	0.005	0.01	0.01
			E5947773	308.27	308.44	0.17	0.00278	0.0214	0.004	0.01	0.02	0.01
			E5947774	308.44	309.53	1.09	0.00303	0.0196	0.0044	0.01	0.02	0.01
311	340.92	4C - Quartz gabbro	E5947775	313.25	314.2	0.95	0.00322	0.0176	0.0047	0.005	0.02	0.02
<p>Similar to that described from 268.57-340.92m. Unit becomes dark grey and massive with less visible plagioclase making it appear pyroxenitic. Weak-moderate, patchy bleaching throughout accentuates plagioclase. Mineral proportions are same as above unit. Sulphides occur as disseminated to fracture filling/quartz-carbonate veinlet hosted PoCpy ~0.1%, locally up to 1.0% at the decimeter scale associated with brecciation/bleaching (i.e., 346.2-346.4m). Lower contact is sharp and irregular.</p>			E5947776	314.2	314.36	0.16	0.00279	0.0068	0.0043	0.005	0.02	0.01
			E5947777	314.36	315.23	0.87	0.00314	0.0168	0.0045	0.01	0.02	0.01
			E5947778	320.74	321.8	1.06	0.00293	0.01	0.0047	0.005	0.06	0.04
Mineralization			E5947779	321.8	321.95	0.15	0.00393	0.0338	0.006	0.01	0.06	0.03
321.8-321.9: ~0.5% fracture controlled PoCpy			E5947781	321.95	322.41	0.46	0.0031	0.0113	0.0049	0.005	0.04	0.03
322.4-322.5: ~0.5% quartz-carbonate vein hosted PoCpy			E5947782	322.41	322.57	0.16	0.00305	0.0117	0.0051	0.005	0.05	0.02
338.27-338.37: ~0.5% quartz-carbonate vein hosted Cpy			E5947783	322.57	323.58	1.01	0.00286	0.0124	0.0063	0.005	0.05	0.03
Alteration			E5947784	337.34	338.27	0.93	0.00201	0.0076	0.0042	0.005	0.01	0.01
268.37-322.4: Weak, pervasive chlorite alteration			E5947785	338.27	338.41	0.14	0.0021	0.0078	0.004	0.04	0.01	0.01
322.4-334.0: Weak, patchy bleaching associated with quartz-carbonate veining, and weak, pervasive chlorite alteration			E5947786	338.41	339.47	1.06	0.00216	0.0072	0.0041	0.01	0.005	0.01
334.0-345.0: Weak, pervasive chlorite alteration												
Structure												
314.23-314.33: Veins; 3cm grey quartz-chlorite vein ~30 DTCA with no visible sulphides												
340.92	341.05	FLT - Fault										
<p>Core not recovered from 340.92-341 due to fault. 2-3cm healed fault breccia occurs along margin of missing core interval with 0.1-10mm, subangular, black, chloritized wall rock fragments surrounded by a quartz-carbonate matrix. Breccia contains ~0.1% disseminated Po. Lower contact is defined by healed fault breccia ~65 DTCA.</p>												
Alteration												
334.0-345.0: Weak, pervasive chlorite alteration												
Structure												
340.92-341.05: Fault; See major litho												

Project: Project			Hole Number: MP4-21-01									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
341.05	392.99	4C - Quartz gabbro	E5947787	345.0	346.0	1	0.00209	0.0055	0.0046	0.005	0.01	0.005
Similar to that described from 311-340.92m. Localized fractures display orangey-red alteration that stains plagioclase - likely hematite. Sulphides occur as 0.01% fracture filling to quartz-carbonate vein hosted Po. EOH			E5947788	346.0	346.22	0.22	0.00317	0.0078	0.0067	0.005	0.01	0.01
			E5947789	346.22	346.42	0.2	0.00282	0.0067	0.0061	0.005	0.01	0.005
Mineralization			E5947791	346.42	346.57	0.15	0.00249	0.0048	0.005	0.005	0.01	0.01
346.0-346.22: 1-2% disseminated Po associated with alteration/brecciation			E5947792	346.57	347.62	1.05	0.00229	0.0059	0.0048	0.005	0.01	0.005
346.22-346.57: 0.1-0.25% disseminated Po			E5947793	355.88	356.77	0.89	0.0019	0.0075	0.0043	0.005	0.02	0.01
357.13-357.23: ~0.25-0.5% quartz-carbonate vein hosted Po			E5947794	356.77	357.28	0.51	0.0016	0.0022	0.0036	0.02	0.01	0.005
368.4-368.5: ~0.5% quartz-carbonate vein hosted CpyPo			E5947795	357.28	358.36	1.08	0.00198	0.0049	0.0045	0.005	0.01	0.005
372.75-372.9: ~0.5% quartz-carbonate vein hosted PoCpy			E5947796	358.36	359.22	0.86	0.0026	0.0095	0.0058	0.005	0.005	0.005
Alteration			E5947797	359.22	359.38	0.16	0.00232	0.0032	0.0043	0.005	0.01	0.005
334.0-345.0: Weak, pervasive chlorite alteration			E5947798	359.38	360.38	1	0.00259	0.0067	0.0057	0.005	0.005	0.005
345.0-346.0: Weak, patchy bleaching associated with quartz-carbonate veining, and weak, pervasive chlorite alteration with weak, fracture controlled hematite (orangey-red)			E5947799	360.38	361.81	1.43	0.0021	0.0025	0.0043	0.005	0.01	0.01
346.0-346.5: Moderate, pervasive bleaching associated with brecciation and quartz-carbonate veining with weak-moderate, pervasive chlorite alteration			E5947801	361.81	363.0	1.19	0.00207	0.0083	0.0043	0.005	0.01	0.005
346.5-393.0: Weak, patchy bleaching associated with quartz-carbonate veining, and weak, pervasive chlorite alteration			E5947802	363.0	364.29	1.29	0.00222	0.0066	0.0049	0.005	0.005	0.01
Structure			E5947803	364.29	364.44	0.15	0.00283	0.0017	0.0067	0.005	0.005	0.005
346.2-346.4: breccia; Brecciated gabbro with light grey, bleached-like matrix. Fragments of 1-10mm, subangular, chloritized gabbro. Breccia is associated with 1-2% disseminated Po.			E5947804	364.44	365.39	0.95	0.00249	0.0043	0.0055	0.005	0.005	0.005
356.78-357.3: Veins; 0.1-2cm brown, irregular quartz-carbonate veins with 0.1% Po ~15 DTCA			E5947805	365.39	366.71	1.32	0.0021	0.005	0.005	0.005	0.005	0.005
383.8-383.9: Veins; 1-3cm quartz-carbonate vein ~30 DTCA with ~0.5% PoCpy			E5947806	366.71	367.03	0.32	0.00194	0.0054	0.0043	0.005	0.005	0.005
			E5947807	367.03	367.32	0.29	0.00174	0.0066	0.0038	0.005	0.005	0.005
			E5947808	367.32	367.56	0.24	0.00211	0.0057	0.0048	0.005	0.005	0.005
			E5947809	367.56	368.36	0.8	0.00187	0.0066	0.0042	0.005	0.005	0.005
			E5947811	368.36	368.66	0.3	0.00191	0.0075	0.0044	0.005	0.005	0.005
			E5947812	368.66	369.55	0.89	0.00186	0.0066	0.0039	0.005	0.005	0.005
			E5947813	382.73	383.72	0.99	0.00151	0.006	0.0033	0.005	0.01	0.005
			E5947814	383.72	383.9	0.18	0.00117	0.0052	0.0019	0.005	0.005	0.005
			E5947815	383.9	384.85	0.95	0.0013	0.0069	0.0032	0.005	0.005	0.005
392.99	393											
EOH. Hole ended at 393 due to burnt out bit.												
Alteration												
346.5-393.0: Weak, patchy bleaching associated with quartz-carbonate veining, and weak, pervasive chlorite alteration												

Project: Project		Hole Number: MP4-21-02					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Aug-16-2021	Drilling Started: Aug-11-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Aug-22-2021	Drilling Completed: Aug-19-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 350	Logged By: G.Hamilton & C.Caskenette	Drilling Contractor: Gyllis	Easting:	441786		
Casing: Mt	Actual Depth: 348			Northing:	5135551		
				Elevation:	353		

Target:

Comments:

From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
0	1	OB - Overburden										

1 20 2A - Greywacke

Interbedded wacke and siltstone with localized beds of quartzite. Medium grey/brown beds of wacke with brown beds of siltstone. Bedding ranges from mm-scale laminations in siltstone beds to cm-scale bedding in the wacke/quartzite ~35-40 DTCA. Wacke is quartz-rich (>70%) but is scratchable by scribe. Unit appears to be strained with stretched/boudined beds locally. Weak, pervasive chlorite alteration, moderate, patchy silicification associated with quartzite beds, and weak-moderate hematite along fracture planes that is locally associated with cm-scale alteration halos . Sulphides occur as fracture filling to disseminated Po ~0.01%, locally up to 0.5% at the decimeter scale. Lower contact is gradational.

Mineralization

9.4-22.5: ~0.1% fracture controlled to quartz-carbonate veinlet hosted Po

Alteration

1.0-1.8: Moderate fracture controlled hematite alteration occurs with cm-scale alteration halos with weak, pervasive chlorite

1.8-15.0: Weak, pervasive chlorite alteration

15.0-16.0: Moderate, pervasive silicification

16.0-20.0: Weak, pervasive chlorite alteration

Structure

1.0-9.0; Bedding ranges from 35-40 DTCA

11.0-12.0

15.0-16.0

17.0-18.0; Bedding/foliation

19.99-20.0: Lower contact; Lower contact is gradational

Project:	Project	Hole Number: MP4-21-02
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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20 24 1A - Quartzite

Quartzite. Light to medium grey/tan, massive, non magnetic. Consists of >90% recrystallized quartz grains. Chlorite alteration is weak and patchy. Sulphides occur as 0.01% fracture filling Po. Lower contact is gradational marked by increased foliation strength and chlorite alteration.

Mineralization

9.4-22.5: ~0.1% fracture controlled to quartz-carbonate veinlet hosted Po

Alteration

20.0-24.0: Moderate, pervasive silicification with weak, fracture filling chlorite

Structure

23.99-24.0: Lower contact; Lower contact is gradational marked by increased foliation strength and chlorite alteration.

24 27.48 SHR - Shearzone

Shear zone. Consists of moderate-strongly chloritized metasediments with a moderately developed foliation ~20 DTCA. Unit also contains decimeter scale intervals of mylonite-like rock that contains stretched quartzite/wacke fragments. Fragments have a high aspect ratio and are elongated parallel to the foliation. Sulphides occur as 0.01% foliation parallel Po. Lower contact is sharp ~25 DTCA.

Alteration

24.0-27.48: Moderate, pervasive chlorite alteration

Structure

24.0-27.47: Shear; See major litho

27.47-27.48: Lower contact; Lower contact is sharp ~25 DTCA.

27.48 32.04 2A - Greywacke

Similar to that described from 1-20m. Bedding/foliation occurs ~20-30 DTCA. Chlorite alteration is moderate and pervasive for the first ~2m up to 29.3m associated with localized parasitic folding at 27.6m. Sulphides occur as 0.01% fracture filling Po. Lower contact is sharp ~25 DTCA.

Alteration

27.48-29.3: Moderate-strong, pervasive chlorite alteration

29.3-32.04: Weak-moderate, pervasive chlorite alteration

Structure

27.48-29.0: Folding; Parasitic folds occur defined by chlorite

29.0-32.03: Foliation

32.03-32.04: Lower contact; Lower contact is sharp ~25 DTCA.

Project: Project	Hole Number: MP4-21-02
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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32.04 33 SHR - Shearzone

Similar to that described from 24-27.48m. Foliation occurs ~20 DTCA. Sulphides occur as 0.1% foliation controlled Po. Lower contact is sharp and irregular.

Mineralization

32.04-33.0: ~0.25-0.5% foliation controlled Po

Alteration

32.04-33.0: Moderate, pervasive chlorite alteration

Structure

32.04-32.99: Shear; See major litho

32.99-33.0: Lower contact; Lower contact is sharp and irregular.

33 53.2 2A - Greywacke

Similar to that described from 1-20m. Bedding/foliation occurs ~20-30 DTCA. Chlorite alteration is moderate and pervasive for the first ~2m up to 29.3m associated with localized parasitic folding at 27.6m. Sulphides occur as 0.01% fracture filling Po. Lower contact is sharp ~25 DTCA.

E5947816	44.81	45.81	1	0.00112	0.0022	0.0015	0.005	0.005	0.005
E5947817	45.81	45.98	0.17	0.00217	0.0126	0.0043	0.005	0.005	0.005
E5947818	45.98	46.9	0.92	0.00103	0.0024	0.0017	0.02	0.005	0.005

Mineralization

45.81-45.95: ~2-3% quartz-carbonate vein hosted Po>>Cpy

49.9-50.1: ~0.5% foliation controlled Po

Alteration

33.0-57.0: Weak, pervasive chlorite alteration

Structure

33.0-53.19; Bedding ranges from 25-30 DTCA

53.19-53.2: Lower contact; Lower contact is sharp ~25 DTCA.

53.2 55.35 SHR - Shearzone

Similar to that described from 24-27.48m. Foliation occurs ~25-30 DTCA. Sulphides occur as 0.1% foliation controlled Po. Lower contact is sharp ~20 DTCA.

E5947819	54.23	55.35	1.12	0.00107	0.0018	0.0015	0.005	0.005	0.005
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Alteration

33.0-57.0: Weak, pervasive chlorite alteration

Structure

53.2-55.34: Shear; See major litho

55.34-55.35: Lower contact; Lower contact is sharp ~20 DTCA.

Project: Project			Hole Number: MP4-21-02									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
55.35	64.53	2A - Greywacke	E5947821	55.35	55.9	0.55	0.00063	0.0011	0.0011	0.005	0.005	0.005
<p>Similar to that described from 1-20m. Bedding/foliation occurs ~20-30 DTCA. Unit is cut by numerous 1-10cm, irregular quartz-carbonate veins. Sulphides occur as 0.25% quartz-carbonate vein hosted to fracture filling Po with 0.1% Cpy, locally up to 8-10% in quartz veins at the decimeter scale. Lower contact is sharp ~25 DTCA.</p> <p>Mineralization</p> <p>55.95-56.15: ~1-2% quartz-carbonate vein hosted Po</p> <p>56.2-56.3: ~3-5% quartz-carbonate vein hosted Po</p> <p>56.63-56.73: ~1.0% quartz-carbonate vein hosted Po</p> <p>56.85-57.0: ~0.5-1.0% quartz-carbonate vein hosted Po</p> <p>59.26-59.52: ~8-10% quartz-carbonate vein hosted Po with ~0.1% Cpy</p> <p>59.52-60.6: ~0.1% quartz-carbonate vein hosted Po</p> <p>63.2-63.45: ~5% quartz-carbonate vein hosted Po with ~0.5% Cpy</p> <p>63.91-64.05: ~5% quartz-carbonate vein hosted PoCpy</p> <p>64.05-64.38: ~0.1% quartz-carbonate vein hosted PoCpy</p> <p>64.38-64.53: ~5% quartz-carbonate vein hosted PoCpy</p> <p>Alteration</p> <p>33.0-57.0: Weak, pervasive chlorite alteration</p> <p>57.0-58.0: Moderate, pervasive silicification</p> <p>58.0-64.53: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>55.35-56.95: Bedding occurs ~20 DTCA</p> <p>55.95-56.73: Veins; Several 1-5cm quartz veins ~25 DTCA parallel to foliation/bedding with up to 5% PoCpy</p> <p>58.56-59.85: Veins; Several 1-10cm irregular quartz veins subparallel to foliation/bedding with up to 10% Po>>Cpy</p> <p>60.0-61.0: Veins; Several 1-2cm quartz veins ~30 DTCA parallel to foliation/bedding with up to 0.5% Po</p> <p>61.0-63.15</p> <p>63.15-64.53: Veins; Several 1-5cm quartz veins ~20-25 DTCA parallel to foliation/bedding with up to 10% PoCpy</p>			E5947822	55.9	56.15	0.25	0.00066	0.0022	0.0017	0.01	0.005	0.005
			E5947823	56.15	56.32	0.17	0.00098	0.0031	0.0018	0.005	0.005	0.005
			E5947824	56.32	56.73	0.41	0.00075	0.003	0.0012	0.005	0.005	0.005
			E5947825	56.73	57.0	0.27	0.00382	0.0186	0.0044	0.07	0.005	0.005
			E5947826	57.0	58.44	1.44	0.0004	0.001	0.0005	0.01	0.005	0.005
			E5947827	58.44	59.26	0.82	0.00036	0.0006	0.0003	0.01	0.005	0.005
			E5947828	59.26	59.52	0.26	0.00782	0.067	0.0119	0.36	0.01	0.005
			E5947829	59.52	60.58	1.06	0.00028	0.00005	0.0003	0.005	0.005	0.005
			E5947831	60.58	61.71	1.13	0.00086	0.0019	0.0015	0.005	0.005	0.005
			E5947832	61.71	62.45	0.74	0.00063	0.0015	0.0012	0.005	0.005	0.005
			E5947833	62.45	63.2	0.75	0.00074	0.0028	0.0016	0.005	0.005	0.005
			E5947834	63.2	63.45	0.25	0.00176	0.0114	0.0036	0.005	0.005	0.005
			E5947835	63.45	63.91	0.46	0.00161	0.0042	0.0016	0.005	0.005	0.005
			E5947836	63.91	64.05	0.14	0.00066	0.0666	0.0005	0.005	0.005	0.005
			E5947837	64.05	64.38	0.33	0.00059	0.0048	0.0005	0.005	0.005	0.005
			E5947838	64.38	64.53	0.15	0.00091	0.368	0.00005	0.005	0.005	0.005

Project: Project	Hole Number: MP4-21-02
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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64.53	65.49	QCV - Quartz-carbonate Vein	E5947839	64.53	65.49	0.96	0.00039	0.0031	0.00005	0.005	0.005	0.005
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White to light grey, massive quartz vein ~20-40 DTCA. Contains ~0.1% PoCpy concentrated along upper margin of the vein. Vein also contains mm to cm scale chloritic laminae locally. Lower contact is sharp ~40 DTCA.

Mineralization

64.53-64.73: ~0.5% quartz-carbonate vein hosted Po

Structure

64.53-65.49: Veins; See major litho

65.49	78.7	2A - Greywacke	E5947841	65.49	66.0	0.51	0.00099	0.0045	0.0006	0.005	0.005	0.005
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Similar to that described from 1-20m. Bedding/foliation occurs ~20-35 DTCA. Bedding appears to become mm-scale, compositional banding ~75-75.5m with alternating light and dark layers. Interval contains 1-3cm bands of chlorite-rich material that hosts mm to cm-scale, stretched metasediment fragments - possibly shear bands. Unit is cut by several 1-2cm quartz veins ~35 DTCA, subparallel to bedding. Sulphides occur as 0.1% quartz-carbonate vein hosted to fracture filling Po. Lower contact is sharp ~20 DTCA.

E5947842	66.0	67.02	1.02	0.00042	0.0015	0.00005	0.03	0.005	0.005
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E5947843	67.02	67.95	0.93	0.0008	0.0018	0.0002	0.005	0.005	0.005
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E5947844	67.95	69.0	1.05	0.00065	0.001	0.0003	0.17	0.005	0.005
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Mineralization

65.8-66.0: ~1-2% quartz-carbonate vein hosted Po

66.3-66.4: ~0.5-1.0% quartz-carbonate vein hosted Po

66.85-66.95: ~0.5-1.0% quartz-carbonate vein hosted Po

67.25-67.35: ~0.5-1.0% quartz-carbonate vein hosted Po

68.25-68.35: ~0.5-1.0% quartz-carbonate vein hosted Po

Alteration

65.49-78.7: Weak, pervasive chlorite alteration

Structure

65.49-78.0; Bedding ranges from 30-35 DTCA

78.0-78.69; Bedding ranges from 20-30 DTCA

78.69-78.7: Lower contact; Lower contact is sharp ~25 DTCA

78.7	83.37	SHR - Shearzone
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Similar to that described from 24-27.48m. Foliation occurs ~20-30 DTCA and is defined by pervasive compositional banding alternating between light grey and doark brown layers. Sulphides occur as 0.01% foliation controlled Po. Lower contact is sharp and ~30 DTCA.

Alteration

78.7-83.37: Moderate, pervasive chlorite alteration

Structure

78.7-83.36: Shear; See major litho

83.36-83.37: Lower contact; Lower contact is sharp ~30 DTCA.

Project:		Project										Hole Number:		MP4-21-02									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)											
83.37	90.15	2A - Greywacke	E5947845	89.07	90.07	1	0.0006	0.0013	0.0006	0.005	0.005	0.005											
Similar to that described from 1-20m. Bedding/foliation occurs ~35 DTCA. Sulphides occur as 0.01% fracture filling Po. Lower contact is sharp and subparallel to core axis ~5 DTCA.			E5947846	90.07	90.78	0.71	0.00031	0.0003	0.00005	0.005	0.005	0.005											
Alteration																							
83.37-83.9: Moderate-strong, pervasive silicification																							
83.9-90.15: Weak, pervasive chlorite alteration with patches of moderate																							
Structure																							
83.37-90.14																							
90.14-90.15: Lower contact; Lower contact is sharp ~5 DTCA																							
90.15	90.78	QCV - Quartz-carbonate Vein	E5947846	90.07	90.78	0.71	0.00031	0.0003	0.00005	0.005	0.005	0.005											
White to light grey, massive, irregular quartz vein. Contains ~0.5-1.0% Po and 0.01% silver sulphide mineral that scratches with scribe - possibly galena (?). Vein also contains mm to cm scale chloritic laminae locally. Lower contact is sharp and irregular.																							
Mineralization																							
90.15-90.78: ~0.5-1.0% quartz-carbonate vein hosted Po with 0.01% silvery sulphide mineral -possibly galena (?)																							
Alteration																							
90.15-94.0: Moderate, pervasive silicification with weak, pervasive chlorite alteration																							
Structure																							
90.15-90.78: Veins; See major litho																							

Project:		Hole Number: MP4-21-02										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
90.78	117.32	2A - Greywacke	E5947847	90.78	91.29	0.51	0.00124	0.0042	0.0016	0.005	0.005	0.005
Similar to that described from 1-20m. Bedding/foliation occurs ~30-45 DTCA. Sulphides occur as 0.01% fracture filling to quartz-carbonate vein hosted Py; ~104.0.3-104.13m - 1cm quartz-carbonate vein with ~5% Po. Lower contact is sharp ~45-50 DTCA.			E5947848	91.29	92.37	1.08	0.00064	0.0008	0.00005	0.005	0.005	0.005
			E5947849	102.93	104.01	1.08	0.00074	0.001	0.0007	0.005	0.005	0.005
Mineralization			S00432229	104.01	104.22	0.21	0.00178	0.0082	0.0042	0.005	0.005	0.005
90.78-91.29: ~0.5-1.0% quartz-carbonate vein hosted Po			S00432231	104.22	105.0	0.78	0.00136	0.0033	0.0024	0.005	0.005	0.005
98.5-98.6: ~0.5-1.0% fracture controlled hosted Po			S00432232	116.29	117.32	1.03	0.00075	0.0017	0.0013	0.005	0.005	0.005
104.03-104.13: ~3-5% quartz-carbonate vein hosted Po												
Alteration												
90.15-94.0: Moderate, pervasive silicification with weak, pervasive chlorite alteration												
94.0-117.32: Weak, pervasive chlorite alteration with patches of moderate chlorite and silicification												
Structure												
90.78-104.03; Bedding ranges from 30-35 DTCA												
104.03-104.13: Veins; 1cm quartz-carbonate vein with ~5% Po ~30 DTCA.												
104.13-117.31; Bedding ranges from 35-45 DTCA.												
117.31-117.32: Lower contact; Lower contact is sharp ~50 DTCA.												
117.32	120.12	SHR - Shearzone	S00432233	117.32	118.13	0.81	0.00476	0.0023	0.0065	0.005	0.005	0.005
Shear zone. Dark brown, strongly foliated ~30-40 DTCA, non magnetic. Contains augen shaped, boudinaged quartz veins and possibly metasediment fragments throughout - appears mylonitic. Chlorite and carbonate alteration are moderate and pervasive. No sulphides observed. Lower contact is sharp ~30 DTCA.			S00432234	118.13	119.24	1.11	0.00379	0.0015	0.0054	0.005	0.005	0.005
			S00432235	119.24	120.13	0.89	0.00369	0.0013	0.0061	0.005	0.005	0.005
Alteration												
117.32-120.12: Moderate, pervasive chlorite and carbonate alteration												
Structure												
117.32-120.11: Shear; See major litho												
120.11-120.12: Lower contact; Lower contact is sharp ~30 DTCA												

Project: Project				Hole Number: MP4-21-02								
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
120.12	178.43	2A - Greywacke	S00432235	119.24	120.13	0.89	0.00369	0.0013	0.0061	0.005	0.005	0.005
Similar to that described from 1-20m. Bedding/foliation occurs ~30-40 DTCA. Unit appears to be altered from 152.5-156m, but is likely grinding from the drill causing a coarse polish. Sulphides occur as 0.01% fracture filling to quartz-carbonate vein hosted Po. Lower contact is sharp ~35 DTCA.			S00432236	120.13	121.13	1	0.00076	0.0009	0.0012	0.005	0.005	0.005
			S00432237	177.4	178.43	1.03	0.0007	0.0028	0.0026	0.02	0.005	0.005
Mineralization												
126.25-131.0: ~0.1% fracture to foliation controlled Po												
157.2-157.7: ~0.1% fracture to foliation controlled Po												
161.3-161.4: ~0.1-0.25% fracture to foliation controlled Po												
Alteration												
120.12-178.43: Weak, pervasive chlorite alteration with patches of moderate chlorite and silicification												
Structure												
120.12-178.42; Bedding ranges from 30-45 DTCA												
178.42-178.43: Lower contact; Lower contact is sharp ~35 DTCA.												
178.43	183.05	4B - Melagabbro	S00432238	178.43	178.7	0.27	0.015	0.4017	0.2164	0.2	0.23	0.19
Gabbro/Melagabbro (?). Dark green, fine grained, non magnetic, weakly foliated ~30-35 DTCA. Consists of a fine grained, dark green groundmass of chlorite/amphibole with ~20-30%, 1-2mm plagioclase phenocrysts. Unit contains 1-5mm rock fragments - possibly metasediment.			S00432239	178.7	179.23	0.53	0.0307	1.318	0.4616	0.5	0.58	0.56
Weak-moderate, pervasive chlorite alteration. Sulphides occur as foliation controlled to disseminated PoCpy with localized sections of net textured (179.23-179.55m) and semi-massive vein Po>Cpy (180.18-180.39m). Cpy is dominant from 178.43-179.23m. Po becomes dominant from 178.43-183.05m. Lower contact is sharp ~50 DTCA.			S00432241	179.23	179.55	0.32	0.0555	0.7265	0.9163	0.29	0.41	0.33
			S00432243	179.55	180.18	0.63	0.0325	0.8563	0.4651	0.47	0.61	0.46
			S00432244	180.18	180.39	0.21	0.0609	0.0983	1.161	0.08	0.19	0.51
Mineralization												
178.43-178.7: ~5-8% foliation controlled to disseminated PoCpy (~60% Po/40% Cpy)												
178.7-179.23: ~10-15% foliation controlled to disseminated CpyPo (~30% Po/70% Cpy)												
179.23-179.55: ~20-25% net texture PoCpy (~70% Po/30% Cpy)												
179.55-180.18: ~10-15% foliation controlled to disseminated PoCpy (~60% Po/40% Cpy)												
180.18-180.39: ~25-30% semi-massive, vein controlled Po												
180.39-182.09: ~10% foliation controlled to disseminated PoCpy (~80% Po/20% Cpy)												
182.09-182.75: ~3-% foliation controlled to disseminated PoCpy (~75% Po/25% Cpy)												
182.75-183.07: ~10% foliation controlled to disseminated PoCpy (~80% Po/20% Cpy)												
Alteration												
178.43-183.05: Weak-moderate, pervasive chlorite alteration												
Structure												
178.43-183.04: Foliation; Foliation is weak and ranges from 30-35 DTCA												
183.04-183.05: Lower contact; Lower contact is sharp ~35 DTCA.												

Project: Project			Hole Number: MP4-21-02									
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
183.05	200.82	2A - Greywacke	S00432248	182.75	183.07	0.32	0.0213	0.1464	0.2264	0.07	0.21	0.11
Similar to that described from 1-20m. Bedding/foliation occurs ~30-40 DTCA. Unit contains 2mm gouge seam ~184.9m ~45 DTCA. Core is blocky from 184-193m. Sulphides occur as 0.01% fracture filling Po. Lower contact is gradational.			S00432249	183.07	183.56	0.49	0.00102	0.0175	0.0092	0.005	0.005	0.005
			S00432251	183.56	184.2	0.64	0.00776	0.0672	0.0782	0.04	0.07	0.05
Mineralization			S00432252	184.2	185.26	1.06	0.00076	0.0187	0.0108	0.005	0.005	0.01
182.75-183.07: ~10% foliation controlled to disseminated PoCpy (~80% Po/20% Cpy)			S00432253	193.4	194.37	0.97	0.00067	0.0008	0.0017	0.005	0.005	0.005
183.56-184.2: ~1% fracture controlled PoCpy			S00432254	194.37	194.64	0.27	0.00102	0.0037	0.0028	0.005	0.005	0.005
195.5-195.55: 0.5% fracture controlled Mo with ~0.5% Py			S00432255	194.64	195.69	1.05	0.00087	0.0024	0.0033	0.005	0.005	0.005
Alteration												
183.05-200.82: Weak, pervasive chlorite alteration with patches of moderate chlorite and silicification												
Structure												
183.05-184.89; Bedding occurs ~40 DTCA												
184.89-184.9: Gouge; 2mm seam of gouge ~45 DTCA												
184.9-200.81; Bedding ranges from 40-45 DTCA												
200.81-200.82: Lower contact; Lower contact is gradational												
200.82	201.97	1A - Quartzite										
Quartzite. Light to medium grey/tan, massive, non magnetic. Consists of >90% recrystallized quartz grains. No sulphides observed. Lower contact is gradational, marked by the decrease in quartz content.												
Alteration												
200.82-204.46: Moderate, pervasive silicification												
Structure												
201.96-201.97: Lower contact; Lower contact is gradational												
201.97	207.36	2A - Greywacke										
Similar to that described from 1-20m. Weak bedding occurs at ~35-45 DTCA. Unit contains larger (~15-20cm) patches of massive quartzite. From 207m-207.36m, core is covered in grease film. Weak bands of hematite alteration present. Sulphides occur as ~0.01% fracture fill Po and Py. Lower contact is sharp, ~50 DTCA.												
Mineralization												
205.3-206.0: ~0.1-0.5% fracture controlled Py												
Alteration												
200.82-204.46: Moderate, pervasive silicification												
204.46-207.36: Moderate pervasive silicification and moderate patchy chlorite alteration												
Structure												
207.35-207.36: Lower contact; Lower contact is sharp, ~50 DTCA												

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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207.36 207.92 SHR - Shearzone
 Shear zone. Dark brown, foliated strongly ~50 DTCA. Moderate chlorite alteration through the shearing. Lower contact is sharp, ~50 DTCA.

Alteration

207.36-210.6: Moderate, pervasive silicification

Structure

207.36-207.91: Shear; See major litho

207.91-207.92: Lower contact; lower contact ~50 DTCA

207.92 209.46 2A - Greywacke
 Similar to that described from 1-20m. Light grey, fine grained, Bedding occurs ~40-50 DTCA. ~1m of core is covered by grease film. Sulphides occur as ~0.01% fracture fill Py. Lower contact is gradational, marked by the slow increase in quartz content.

Alteration

207.36-210.6: Moderate, pervasive silicification

Structure

209.45-209.46: Lower contact; lower contact is gradational

209.46 210.6 1A - Quartzite
 Similar to that described from 200.82m-201.97m. Off-white tan quartzite, massive to weakly bedded. Local hematite alteration as pink "bubbles" appear scattered through the interval. Sulphides occur as ~0.01% fracture fill Py. Lower contact is sharp, ~20 DTCA.

Alteration

207.36-210.6: Moderate, pervasive silicification

Structure

210.59-210.6: Lower contact; lower contact is sharp, ~20 DTCA

210.6 214.38 2A - Greywacke
 Similar to that described from 1-20m. Dark grey with fine intermixed beds of light grey brown, and tan quartzite. Beds are ~50 DTCA. Weak fracture fill chlorite alteration is present. Sulphides occur as ~0.01% fracture fill Py. Lower contact is gradational, marked by the increase in quartz content.

Alteration

210.6-211.22: Weak moderate, pervasive chlorite alteration, and patchy, moderate silicification

211.22-217.3: Moderate, pervasive silicification

Structure

210.6-214.37; bedding ranges from 45-55 DTCA

214.37-214.38: Lower contact; lower contact is gradational

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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214.38 215.92 1A - Quartzite

Similar to that described from 200.82m-201.97m. Massive, tan brown quartzite. Weak localized intermixing of grey wacke. Light blue quartz pods and veins present in the unit. Sulphides consist of ~0.01% fracture fill Py. Lower contact is sharp and irregular.

Alteration

211.22-217.3: Moderate, pervasive silicification

Structure

215.91-215.92: Lower contact; Lower contact is sharp but irregular

215.92 219.15 2A - Greywacke

Similar to that described from 1-20m. Dark grey with fine intermixed beds of light grey brown, and tan quartzite. Beds are ~50 DTCA. Weak fracture fill chlorite alteration is present. Sulphides occur as ~0.01% fracture fill Py. Lower contact is sharp, ~30 DTCA.

Alteration

211.22-217.3: Moderate, pervasive silicification

217.3-225.5: Moderate, pervasive silicification, and weak patchy chlorite alteration

Structure

215.92-219.0; Bedding ranges from 45-50 DTCA

219.14-219.15: Lower contact; Lower contact is ~30 DTCA

219.15 221.41 1A - Quartzite

Quartzite. Tan brown with stripes/layering of pink, brown, and dark blue. Blue lines are quartz veins, pink is likely hematite alteration, and brown is smaller intermixes of wacke. Unit is weakly bedded to massive, ~ 50 DTCA. Some clasts of pink appear to be inclusions, sub-rounded. Sulphides consists of ~0.01% fracture fill Py. Lower contact is sharp, ~60 DTCA.

Mineralization

219.5-225.0: ~0.1% quartz-carbonate vein hosted Py and ~0.01% quartz-carbonate vein hosted Po

Alteration

217.3-225.5: Moderate, pervasive silicification, and weak patchy chlorite alteration

Structure

219.15-221.4; Bedding ranges from 45-50 DTCA

221.4-221.41: Lower contact; Lower contact is sharp, ~60 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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221.41 225.61 2A - Greywacke

Similar to that described from 1-20m. Dark grey brown, fine grained, bedded ~50 DTCA, non-magnetic, wacke. Unit is cut by mm-cm scale quartz carbonate veins following bedding. Surrounding mm-scale veins is weak chlorite alteration. Sulphides occur as ~0.01% fracture fill Py and ~0.01% quartz-carbonate vein hosted Po. Lower contact is gradual, marked by the increase in quartz content.

Mineralization

219.5-225.0: ~0.1% quartz-carbonate vein hosted Py and ~0.01% quartz-carbonate vein hosted Po

Alteration

217.3-225.5: Moderate, pervasive silicification, and weak patchy chlorite alteration

225.5-229.5: Moderate, pervasive silicification

Structure

221.41-223.84; bedding ranges from 50-55 DTCA

223.84-223.94: Veins; ~10cm wide quartz vein

223.94-225.6; bedding ranges from 50-55 DTCA

225.6-225.61: Lower contact; lower contact is gradational

225.61 230.89 1A - Quartzite

Similar to that described from 20.82m-201.97m. Tan grey, massive to weakly bedded, fine grained, non-magnetic. Unit is speckled with black (possibly biotite) dots in local areas of wacke. Drill grind has exposed local hematite alteration. No observed sulphides. Lower contact is gradational into bedding and decreased quartz, ~50 DTCA.

Alteration

225.5-229.5: Moderate, pervasive silicification

229.5-237.6: Moderate, pervasive silicification and weak patchy chlorite alteration

Structure

225.61-226.43; bedding ranges from 45-55 DTCA

226.95-228.0; bedding ranges from 30-40 DTCA

230.88-230.89: Lower contact; lower contact is sharp, ~50 DTCA

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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230.89 237.76 2A - Greywacke

Similar to that described from 1-20m. Dark grey brown, wacke, with intermixed beds of siltstone and quartzite. Bedding is ~50 DTCA and mm-scale. Biotite speckled through dark grey wacke. Quartzite mixed in is tan pink in colour. Sulphides consists of ~0.01% fracture fill Py. Lower contact is sharp, ~60 DTCA.

Alteration

229.5-237.6: Moderate, pervasive silicification and weak patchy chlorite alteration
 237.6-240.0: Weak moderate, pervasive chlorite alteration, and weak, pervasive silicification

Structure

230.89-237.75; bedding ranges from 45-60 DTCA
 237.75-237.76: Lower contact; Lower contact is sharp, ~60 DTCA

237.76 240.56 SHR - Shearzone

Shear zone. Dark grey, brown, strongly foliated ~ 55 DTCA. Unit is cut by multiple mm-cm-scale quartz carbonate veins following foliation. Weak to moderate chlorite alteration present. Sulphides consist of 0.01-0.1% quartz carbonate vein hosted PoCpy between 239m-240m. Lower contact is gradual, marked by the decrease in foliation intensity and spacing.

S00432256	238.65	239.17	0.52	0.00203	0.0034	0.0055	0.005	0.005	0.005	0.005
S00432257	239.17	239.39	0.22	0.00194	0.0038	0.0051	0.005	0.005	0.005	0.005
S00432258	239.39	240.0	0.61	0.00185	0.0036	0.0048	0.005	0.005	0.005	0.005

Mineralization

239.15-239.4: ~1% quartz-carbonate vein hosted PoCpy
 239.4-240.0: ~0.1% fracture fill Py

Alteration

237.6-240.0: Weak moderate, pervasive chlorite alteration, and weak, pervasive silicification
 240.0-246.74: Moderate, pervasive silicification, and weak patchy chlorite alteration

Structure

237.76-240.55: Shear; see major litho
 240.55-240.56: Lower contact; Lower contact is sharp, ~60 DTCA

240.56 243.36 2A - Greywacke

Greywacke. Fine grained, mix of light and dark grey, weakly bedded to massive (~40 DTCA), non-magnetic. Unit consists of ~5-10% biotite following bedding. Weak local chlorite alteration following bedding. No observed sulphides. Lower contact is gradational, marked by the increase in quartz content.

Alteration

240.0-246.74: Moderate, pervasive silicification, and weak patchy chlorite alteration

Structure

243.35-243.36: Lower contact; Lower contact is gradational

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
243.36	247.96	1A - Quartzite	S00432259	244.45	244.6	0.15	0.0101	0.0187	0.0086	0.005	0.005	0.005
			S00432261	244.6	245.48	0.88	0.00137	0.0064	0.0047	0.01	0.005	0.005

Quartzite. Tan brown, massive to locally bedded, non-magnetic. Unit is cut by a ~14cm shear from 246.74m-246.88m, and is intermixed with wacke from 244.5m-245.5m. Sulphides occur as ~0.1% fracture fill Po between 244m-245m. Lower contact is gradational, marked by the decrease in quartz content.

Mineralization

243.6-244.6: ~0.1% fracture controlled CpyPy

Alteration

240.0-246.74: Moderate, pervasive silicification, and weak patchy chlorite alteration

246.74-246.88: moderate, pervasive chlorite alteration

246.88-258.62: moderate, pervasive silicification

Structure

246.74-246.88: Shear; Minor shear ~60 DTCA

247.95-247.96: Lower contact; Lower contact is gradational

247.96 255.94 2A - Greywacke

Greywacke. Fine grained, light grey blue with dark grey, bedded ~55 DTCA. Unit is interbedded with fine brown siltstone and tan brown quartzite. Beds are mm-scale. Weak patchy chlorite alteration through the unit, often following bedding direction. Sulphides consist of ~0.01% fracture fill Py. Lower contact is sharp, ~ 70 DTCA.

Mineralization

253.5-254.0: ~0.01-0.1% fracture controlled Py

Alteration

246.88-258.62: moderate, pervasive silicification

Structure

247.96-255.93: Bedding; bedding ranges from 55-60 DTCA

255.93-255.94: Lower contact; lower contact sharp, ~70 DTCA

255.94 257.8 1A - Quartzite

Similar to that described from 200.82m-201.97m Massive, tan brown, non-magnetic. No sulphides are observed. Lower contact is gradational, marked by the decrease in quartz content.

Alteration

246.88-258.62: moderate, pervasive silicification

Structure

257.79-257.8: Lower contact; lower contact gradual

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
257.8	263.42	2A - Greywacke	S00432262	258.4	258.98	0.58	0.0014	0.0018	0.0037	0.005	0.005	0.005
Similar to that described from 1-20m. Greywacke. Weakly bedded ~60 DTCA, dark grey light grey blue. Interbedded mm-scale siltstone present. Sulphides consists of ~0.01% quartz carbonate vein hosted Cpy from 259m-259.5m. Lower contact is gradational, marked by the increase in quartz content.												
			S00432263	258.98	259.2	0.22	0.00164	0.0028	0.0037	0.005	0.005	0.005
			S00432264	259.2	260.02	0.82	0.00174	0.0033	0.0031	0.005	0.005	0.005

Mineralization

258.6-259.4: ~0.5-1% quartz carbonate vein hosted Cpy, and ~0.5% fracture controlled Py
 261.0-262.0: ~0.01% quartz-carbonate vein hosted Po

Alteration

246.88-258.62: moderate, pervasive silicification
 258.62-259.2: Moderate, pervasive chlorite alteration, and weak pervasive silicification
 263.4-273.75: moderate, pervasive silicification

Structure

258.66-263.41; bedding ranges from 45-65 DTCA
 263.41-263.42: Lower contact; lower contact is gradationa

263.42 264.43 1A - Quartzite

Quartzite. Massive to weakly bedded, tan brown, non-magnetic. No observed mineralization. Lower contact is gradational, marked by the decrease in quartz content.

Alteration

263.4-273.75: moderate, pervasive silicification

Structure

263.42-264.42; bedding ranges from 65-70 DTCA
 264.42-264.43: Lower contact; lower contact is gradational

264.43 270.55 2A - Greywacke

Similar to that described from 1-20m. Greywacke with mm-scale interbeds of brown siltstone and tan quartzite. Beds are nearly perpendicular to core axis, ~75-80 DTCA. Sulphides as seen as ~0.01-0.1% fracture fill and quartz carbonate vein hosted Py. Lower contact is gradational, marked by the increase quartz content.

Mineralization

267.7-269.0: ~0.01-0.1% quartz-carbonate vein hosted Po, and ~0.01% fracture controlled Py

Alteration

263.4-273.75: moderate, pervasive silicification

Structure

265.2-270.54; bedding ranges from 55-75 DTCA
 270.54-270.55: Lower contact; Lower contact is gradational

Project:		Hole Number: MP4-21-02										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
270.55	273.36	1A - Quartzite	S00432265	271.46	271.7	0.24	0.00077	0.0031	0.0015	0.005	0.005	0.005
Quartzite. Massive to weakly bedded, tan brown, non-magnetic. Unit is cut by mm-scale quartz-carbonate veins hosting ~0.5-1% Po. Lower contact is gradational, marked by the decrease in quartz content.			S00432266	271.7	272.11	0.41	0.00087	0.0029	0.0022	0.005	0.005	0.005
Mineralization												
271.46-272.1: ~2% quartz carbonate vein hosted Po												
Alteration												
263.4-273.75: moderate, pervasive silicification												
Structure												
271.47-272.11; bedding ranges from 60-65 DTCA												
273.35-273.36: Lower contact; Lower contact is gradational												
273.36	283.08	2A - Greywacke	S00432267	278.54	278.7	0.16	0.00276	0.0094	0.0038	0.005	0.005	0.005
Similar to that described from 1-20m. Dark greywacke with intermixed beds of brown siltstone and tan quartzite. Beds are ~60 DTCA. Unit is also cut by mm-cm-scale quartz veins. ~0.01% quartz carbonate vein hosted Po present. Lower contact is gradational, marked by the increase in quartz content			S00432268	278.7	280.2	1.5	0.0006	0.0028	0.0011	0.005	0.005	0.005
			S00432269	280.2	280.36	0.16	0.00133	0.0037	0.0041	0.005	0.005	0.005
			S00432271	280.36	281.04	0.68	0.0006	0.0023	0.0014	0.005	0.005	0.005
Mineralization												
278.54-278.7: ~1% quartz-carbonate vein hosted Po												
280.2-280.4: ~0.5-1% quartz-carbonate vein hosted Po												
Alteration												
263.4-273.75: moderate, pervasive silicification												
273.75-279.0: moderate, pervasive silicification and weak patchy chlorite alteration												
279.0-286.94: moderate, pervasive silicification												
Structure												
273.36-279.0; bedding ranges from 65-75 DTCA												
283.07-283.08: Lower contact; lower contact is gradational												

Project:		Hole Number: MP4-21-02										
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
283.08	283.76	1A - Quartzite	S00432272	283.18	283.44	0.26	0.00098	0.0046	0.0014	0.005	0.005	0.005
Quartzite. Tan brown, massive to weakly bedded, non-magnetic. Unit is cut by mm-scale blue quartz veins. Sulphides include ~0.1-0.5% quartz carbonate vein hosted Po. Lower contact is gradational, marked by the decrease in quartz content.			S00432273	283.44	283.71	0.27	0.00055	0.0024	0.0008	0.005	0.005	0.005
			S00432274	283.71	284.03	0.32	0.00285	0.0109	0.0028	0.005	0.005	0.005
Mineralization 283.2-283.45: ~0.5-1% quartz-carbonate vein hosted Po 283.75-284.0: ~3-5% disseminated Po												
Alteration 279.0-286.94: moderate, pervasive silicification												
Structure 283.75-283.76: Lower contact; Lower contact is gradational												
283.76	284.87	2A - Greywacke	S00432274	283.71	284.03	0.32	0.00285	0.0109	0.0028	0.005	0.005	0.005
Similar to that described from 1-20m. Dark greywacke with faint intermixed beds of dark brown siltstone. Beds are at ~60 DTCA. Sulphides include ~1-2% disseminated Po from 283.76m-284m, and ~0.01% fracture fill Py present. Lower contact is gradational, marked by the increase in quartz content.			S00432275	284.03	284.82	0.79	0.00055	0.0017	0.0018	0.005	0.005	0.005
Mineralization 283.75-284.0: ~3-5% disseminated Po												
Alteration 279.0-286.94: moderate, pervasive silicification												
Structure 283.76-284.86; bedding ~70 DTCA												
284.87	286.54	1A - Quartzite										
Quartzite. Tan brown, massive, non-magnetic. Unit is cut by mm-scale quartz veins hosting no sulphide mineralization. Localized mm-scale pink hematite altered patches present. No observed mineralization. Lower contact is gradational, marked by the decrease in quartz content.												
Alteration 279.0-286.94: moderate, pervasive silicification												
Structure 286.53-286.54: Lower contact; lower contact is gradational												

Project: Project		Hole Number: MP4-21-02
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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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286.54 291.8 4C - Quartz gabbro

Intercalation of quartz gabbro/diorite with quartzite. Dark grey, fine grained, non magnetic with cm - dm-scale patches of tan quartzite. Dark gabbroic phase appears glassy and siliceous containing variably resorbed quartzite fragments. Weak, pervasive chlorite alteration. >1%, 0.1-0.5cm medium grey to white quartz-carbonate veinlets cut unit ~35 DTCA. Sulphides occur as disseminated to quartz-carbonate vein hosted Po ~0.1%. Lower contact is gradational marked by a transition back into tan quartzite.

Mineralization

287.65-287.75: ~0.5% quartz-carbonate vein hosted Po

288.2-292.0: ~0.1% fracture filling to disseminated Po

Alteration

279.0-286.94: moderate, pervasive silicification

286.94-291.8: Weak, pervasive chlorite alteration of gabbro with moderate, patches of silicification associated with quartzite fragments

Structure

291.79-291.8: Lower contact; Lower contact is gradational marked by a transition back into tan quartzite.

291.8 292.61 1A - Quartzite

Similar to that described from 284.87-286.54m. Sulphides occur as 0.01% fracture fill Po. Lower contact is gradational marked by a transition back into dark, fine grained gabbro.

Mineralization

288.2-292.0: ~0.1% fracture filling to disseminated Po

Alteration

291.8-292.61: Moderate, pervasive silicification

Structure

292.6-292.61: Lower contact; Lower contact is gradational marked by a transition back into dark, fine grained gabbro.

292.61 295.15 4C - Quartz gabbro

Similar to that described from 286.54-291.8m. No sulphides observed. Lower contact is gradational marked by a transition back into tan quartzite.

Alteration

292.61-295.15: Weak, pervasive chlorite alteration

Structure

295.14-295.15: Lower contact; Lower contact is gradational marked by a transition back into tan quartzite.

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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295.15 296.25 1A - Quartzite

Similar to that described from 284.87-286.54m. Unit is cut by weak fracture fill chlorite. Sulphides occur as 0.1% fracture-fill Po. Lower contact is sharp and irregular.

Mineralization

296.0-296.3: ~0.5% fracture controlled Po

Alteration

295.15-296.25: Moderate, pervasive silicification

Structure

296.24-296.25: Lower contact; Lower contact is sharp and irregular.

296.25 298.6 4C - Quartz gabbro

Similar to that described from 286.54-291.8m. No sulphides observed. Lower contact is gradational marked by a transition back into tan quartzite.

Mineralization

296.0-296.3: ~0.5% fracture controlled Po

Alteration

296.25-298.6: Weak, pervasive chlorite alteration

Structure

298.59-298.6: Lower contact; Lower contact is gradational marked by a transition back into tan quartzite.

298.6 299.24 1A - Quartzite

Similar to that described from 284.87-286.54m. Unit is cut by weak fracture fill chlorite. No sulphides observed. Lower contact is irregular marked by appearance of quartzite fragments within a gabbroic matrix.

Alteration

298.6-300.59: Weak, pervasive chlorite alteration of gabbro with moderate, patches of silicification associated with quartzite fragments

Structure

299.23-299.24: Lower contact; Lower contact is irregular marked by appearance of quartzite fragments within a gabbroic matrix.

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
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299.24	300.59	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Magmatic breccia. Unit consists of fine grained, massive, non magnetic, gabbroic matrix with 30-40%, 1-10cm quartzite fragments. Fragments are variably resorbed into gabbro and have gradational to semi-sharp margins. Interval contains ~0.1% fracture filling to disseminated Po. Lower contact is sharp ~65 DTCA.										
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Mineralization

299.4-299.7: ~0.5% fracture controlled Po

Alteration

298.6-300.59: Weak, pervasive chlorite alteration of gabbro with moderate, patches of silicification associated with quartzite fragments

Structure

299.24-300.58: breccia; see major litho

300.58-300.59: Lower contact; Lower contact is sharp ~65 DTCA.

300.59	305.92	1A - Quartzite Similar to that described from 284.87-286.54m. Unit is cut by weak fracture fill chlorite. Interval contains ~0.1% fracture filling to disseminated Po; locally up to 3-5% at the decimeter scale (301.8-301.9m). Lower contact is sharp and irregular.	S00432276	300.9	301.8	0.9	0.00044	0.005	0.0011	0.005	0.005	0.005
			S00432277	301.8	301.97	0.17	0.00645	0.0522	0.0052	0.005	0.005	0.005
			S00432278	301.97	302.84	0.87	0.00036	0.0023	0.0008	0.005	0.005	0.005

Mineralization

301.8-301.9: ~3-5% fracture controlled Po

Alteration

300.59-305.92: Moderate, pervasive silicification

Structure

305.91-305.92: Lower contact; Lower contact is sharp and irregular.

305.92	306.91	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Similar to that described from 299.24-300.59m. Unit is quartz and biotite-rich with ~30% quartz and ~25% biotite overall. Fragments occur as 30-40%, 1-20cm semi-sharp walled, subangular quartzite fragments. Blue quartz grains occur throughout fragments with disseminated biotite throughout. No sulphides observed. Lower contact is sharp ~35 DTCA.	S00432283	305.9	306.91	1.01	0.00163	0.0014	0.0034	0.005	0.005	0.005
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Alteration

305.92-306.91: Weak, pervasive chlorite alteration of gabbro with moderate, patches of silicification associated with quartzite fragments

Structure

305.92-306.9: breccia; See major litho

306.9-306.91: Lower contact; Lower contact is sharp ~35 DTCA.

Project:		Hole Number: MP4-21-02													
From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)			
306.91	313.27	4C - Quartz gabbro	S00432284	306.91	307.64	0.73	0.00315	0.0051	0.0084	0.02	0.01	0.005			
<p>Quartz gabbro. Dark grey, fine-medium grained. weakly varitextured, non magnetic. Consists of ~55% amphibole/pyroxene, 30% plagioclase, ~10% biotite and <5% quartz. Unit contains splotches of plagioclase-quartz - possibly cm-scale, partly resorbed fragments (?). Weak, pervasive chlorite alteration. Unit is cut by mm-scale quartz-carbonate stringers ~10-65 DTCA. Sulphides occur as disseminated to quartz-carbonate vein hosted PoCpy ~0.1%.. Lower contact is irregular, marked by appearance of quartzite fragments.</p> <p>Mineralization</p> <p>310.03-310.18: ~0.5% quartz-carbonate vein hosted PoCpy</p> <p>312.56-312.66: ~2% quartz-carbonate vein hosted Cpy</p> <p>Alteration</p> <p>306.91-313.27: Weak, pervasive chlorite alteration</p> <p>Structure</p> <p>310.07-310.1: Veins; ~2cm quartz-carbonate-chlorite vein ~30 DTCA with 0.5% PoCpy</p> <p>313.26-313.27: Lower contact; Lower contact is irregular, marked by appearance of quartzite fragments.</p>			S00432285	307.64	309.0	1.36	0.00257	0.008	0.0068	0.005	0.005	0.005			
			S00432286	309.0	310.03	1.03	0.00205	0.0114	0.0067	0.005	0.005	0.01			
			S00432287	310.03	310.18	0.15	0.00317	0.0145	0.0063	0.01	0.005	0.01			
			S00432288	310.18	311.34	1.16	0.00207	0.0098	0.0058	0.005	0.005	0.01			
			S00432289	311.34	312.54	1.2	0.00208	0.0082	0.006	0.03	0.005	0.01			
			S00432291	312.54	312.74	0.2	0.00282	0.0895	0.0075	0.01	0.005	0.005			
			S00432292	312.74	313.27	0.53	0.0018	0.0065	0.0046	0.005	0.005	0.005			
			313.27	314.56	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix	S00432293	313.27	314.04	0.77	0.00203	0.0241	0.0047	0.005	0.01	0.01
			<p>Similar to that described from 299.24-300.59m. Fragments occur as 30-40%, 1-30cm sharp walled, subangular quartzite fragments. Sulphides occur as disseminated PoCpy concentrated within quartzite fragments up to ~0.5%. Lower contact is irregular and sharp.</p> <p>Mineralization</p> <p>313.27-314.03: ~1-2% disseminated PoCpy</p> <p>Alteration</p> <p>313.27-314.56: Weak, pervasive chlorite alteration of gabbro with moderate, patches of silicification associated with quartzite fragments</p> <p>Structure</p> <p>313.27-314.55: breccia; See major litho</p> <p>314.55-314.56: Lower contact; Lower contact is irregular and sharp.</p>			S00432294	314.04	314.53	0.49	0.00189	0.031	0.0049	0.005	0.01	0.005
						S00432295	314.53	315.51	0.98	0.00192	0.0113	0.0051	0.005	0.005	0.01

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From	To	Lithology	Sample	From	To	Length	Co (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	Pt (g/t)
314.56	347.99	4C - Quartz gabbro										
<p>Similar to that described from 306.91-313.27. Unit becomes consistently medium grained with localized patches of coarse grained gabbro - varitextured. Zone of quartz-carbonate veining occurs from 322.8-324m with PoCpy up to 1-2% at the decimeter scale. Several fractures run ~5 DTCA from 324.4-325.5m. Zone of moderate, pervasive chlorite alteration occurs from 327-327.86m associated with weak, patchy hematite alteration of plagioclase. Overall, unit contains ~0.1% quartz-carbonate vein hosted and locally disseminated PoCpy associated with coarse grain patches up to 0.50-1.0%. EOH</p>												
Mineralization												
321.36-321.6: ~0.25% quartz-carbonate vein hosted PoCpy												
322.8-323.17: ~1-2% quartz-carbonate vein hosted PoCpy												
323.17-324.0: ~0.25% quartz-carbonate vein hosted PoCpy												
324.0-324.33: ~0.5% disseminated PoCpy												
327.86-328.08: ~2-3% disseminated Po within coarse grained patch												
Alteration												
314.56-327.0: Weak, pervasive chlorite alteration												
327.0-327.86: Moderate, pervasive chlorite alteration with weak, patchy hematite alteration												
327.86-348.0: Weak, pervasive chlorite alteration												
Structure												
322.8-323.17: Veins; 3-4cm medium grey quartz veins with 1-2% PoCpy ~20 DTCA												
323.17-324.0: Veins; ~5% 0.5-1cm quartz-carbonate veining ~10-20 DTCA with ~0.25-0.5% PoCpy												
327.43-327.7: Slip surfaces; Fracture surface ~5 DTCA with chloritic slickenlines associated with moderate, pervasive chlorite alteration and weak, patchy hematite alteration of surrounding gabbro												

347.99	348											
Alteration												
327.86-348.0: Weak, pervasive chlorite alteration												

Project: Shakespeare Property		Hole Number: MHV-21-01					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location: Coreshed	Logging Started: Oct-06-2021	Drilling Started: Oct-04-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Oct-06-2021	Drilling Completed: Oct-05-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 90	Logged By: G.Hamilton	Drilling Contractor: Gyllis	Easting:	439578		
Casing: Mt	Actual Depth: 90			Northing:	5137197		
				Elevation:	287		
Target: 287							
Comments:							
From	To	Lithology					

0 9.68 OB - Overburden

Drillers indicate 9m of casing. Core measures back to 9.68m at start of hole.

9.68 33 2A - Greywacke

Pebbly greywacke. Dark grey, sandy/silty matrix with 0.2-30cm subrounded polymictic clasts. Clasts types include granitic, silicified quartzite (?), quartz, etc. Unit contains ~5-10% gravel sized clasts with up to 25% locally (i.e 10-11m). Bedding/foliation occurs ~45 DTCA, locally reaches as low as 15 DTCA, and toward lower contact. Foliation is also seen deflecting around cobble sized material locally. Z-shaped parasitic fold is observed @ 13m with fold axis ~40 DTCA, subparallel to bedding. Weak, pervasive chlorite alteration. Unit is cut by a narrow intrusion of diabase (?) from 23.48-23.9m associated with disseminated Po. Sulphides occur as fracture filling Po ~0.25-0.5% with up to 2-3% disseminated Po from 23.48-23.9m. Lower contact is sharp ~30 DTCA.

Mineralization

9.68-23.48: ~0.25-0.50% fracture controlled Po

23.48-23.9: ~2-3% disseminated Po

23.9-33.0: ~0.25-0.50% fracture controlled to disseminated Po

Alteration

9.68-33.0: Weak, pervasive chlorite alteration.

Structure

9.68-13.0; Bedding occurs ~45 DTCA

13.0-13.1: Folding; Z-shaped parasitic fold occurs with fold axis ~40 DTCA

13.1-18.5; Bedding occurs ~40-50 DTCA

18.5-19.5; Bedding occurs ~0 DTCA

19.5-20.5; Bedding occurs ~15 DTCA

20.5-23.48; Bedding occurs ~40-50 DTCA

23.48-23.9: Foliation; Foliation occurs 40-50 DTCA

25.0-28.2; Bedding occurs ~5-10 DTCA

28.2-28.5: Blocky core; Blocky core

28.5-30.0; Bedding occurs ~40 DTCA

32.99-33.0: Lower contact; Lower contact is sharp ~30 DTCA

Project: Shakespeare Property	Hole Number: MHV-21-01
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From	To	Lithology
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33	35.85	3B - Nipissing quartz gabbro Quartz gabbro. Dark grey-green, fine to medium grained, massive to weakly foliated ~40-50 DTCA, non magnetic. Consists of ~20-30% plagioclase, 30% biotite, ~5-10% quartz, and 40% amphibole/pyroxene. Unit contains subrounded fragments of metasediment (?) - fragments appear cooked and recrystallized. Weak-moderate, pervasive chlorite alteration. Sulphides occur as 0.01% fracture filling Po. Interval is cut by 2-3% 0.1-1cm, light grey to white quartz-carbonate veining ~20-75 DTCA. Lower contact is sharp and irregular.
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Alteration

33.0-35.85: Weak-moderate, pervasive chlorite alteration.

Structure

33.0-34.5: Veins; Interval is cut by 3-5 % 0.1-1cm, light grey to white quartz-carbonate veining ~20-75 DTCA.

35.84-35.85: Lower contact; Lower contact is sharp and irregular

35.85	37.86	2A - Greywacke Similar to that described from 9.68-33m. Unit is more massive than previous. Sulphides occur as disseminated to fracture filling Po ~2-3%. Lower contact is sharp and sheared ~45 DTCA.
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Mineralization

36.34-37.0: ~2-3% disseminated PoCpy

37.0-37.3: ~0.5-1.0% fracture controlled Po

Alteration

35.85-37.86: Weak, pervasive chlorite alteration.

Structure

37.85-37.86: Lower contact; Lower contact is sharp and sheared ~45 DTCA

Project: Shakespeare Property	Hole Number: MHV-21-01
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From	To	Lithology
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37.86 69.05 3B - Nipissing quartz gabbro
 Quartz gabbro. Dark grey-green, fine to medium grained, massive, non magnetic. Consists of ~30-40% plagioclase, 10% biotite, 10-15% blue to light grey quartz, and 35-45% amphibole/pyroxene. Unit contains localized decimeter scale patches of coarser grained material associated with high quartz content - weak varitexture (?). 39.85-39.95m -1-2mm of fault gouge with chloritic slickenlines ~20 DTCA. Chlorite alteration is weak-moderate and patchy. Sulphides occur as 0.1% disseminated to quartz-carbonate vein hosted PoCpy. locally up to 1-2% at 51.65-52.25m. Interval is cut by 2-3% 0.1-1cm, light grey to white quartz-carbonate veining ~25-65 DTCA. Lower contact is sharp ~45 DTCA.

Mineralization

- 48.0-48.92: ~0.50-1.0% disseminated PoCpy
- 51.28-51.65: 0.25-0.50% disseminated PoCpy
- 51.65-52.24: ~1-2% disseminated PoCpy
- 63.31-67.56: 0.01% disseminated Po+/-Cpy

Alteration

37.86-69.05: Weak-moderate, patchy chlorite alteration.

Structure

- 37.86-38.3: Foliation; Foliation is weak to moderate ~35 DTCA
- 39.85-39.95: Gouge; 1-2mm of fault gouge with chloritic slickenlines ~20 DTCA.
- 44.2-44.7: Slip surfaces; Slip plane(?) occurs plane with chloritic slickenlines are quartz-carbonate veining along plane. Plane is undulatory ~5-10 DTCA
- 53.35-53.38: Gouge; 1-2mm Fault gouge
- 53.38-53.68: Veins; Two 2-3cm light grey to white quartz-carbonate veins ~20 DTCA
- 62.9-63.0: Veins; 10cm light grey to white quartz-carbonate vein ~ 40 DTCA
- 69.04-69.05: Lower contact; Lower contact is sharp ~45 DTCA

69.05 69.61 2A - Greywacke
 Similar to that described from 9.68-33m. Sulphides occur as quartz-carbonate vein hosted Po ~0.1%. Interval is cut by 1-2cm light grey to white quartz-carbonate vein ~25 DTCA. Lower contact is sharp ~45 DTCA.

Alteration

69.05-69.61: Weak, pervasive chlorite alteration.

Structure

69.6-69.61: Lower contact; Lower contact is sharp ~45 DTCA

Project: Shakespeare Property	Hole Number: MHV-21-01
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From	To	Lithology
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69.61 75.68 3B - Nipissing quartz gabbro
 Similar to that described from 37.86-69.05m. Sulphides occur as 0.1% disseminated PoCpy and quartz-carbonate vein hosted PoCpy up to 5% from 75.15-75.35m. Interval is cut by 0.1-10cm light-medium grey to white quartz-carbonate veins ~25 DTCA. Lower contact is sharp ~20 DTCA.

Mineralization

75.1-75.35: 3-5% quartz-carbonate vein hosted Po

Alteration

69.61-75.68: Weak, pervasive chlorite alteration.

Structure

75.1-75.35: Veins; 15cm light-medium grey/white quartz-carbonate vein ~25 DTCA with ~5% Po

75.67-75.68: Lower contact; Lower contact is sharp ~20 DTCA

75.68 78.7 2A - Greywacke
 Similar to that described from 9.68-33m. Bedding occurs ~40-50 DTCA. Lower contact is bound by pseudotachylite ~50 DTCA from 78.26-78.7m. Sulphides occur as fracture filling PoCpy ~0.01%. Lower contact is sharp ~50 DTCA.

Structure

75.68-78.69; Bedding occurs ~45 DTCA

78.69-78.7: Lower contact; Lower contact is sharp ~50 DTCA

78.7 80.21 3B - Nipissing quartz gabbro
 Similar to that described from 37.86-69.05m. Biotite is more abundant in this interval ~25%. Metasediment fragment occurs from 79.68-79.9m. Sulphides occur as 0.01% disseminated PoCpy. Interval is cut by 0.1-2cm medium grey quartz-carbonate veins ~20 DTCA. Lower contact is sharp ~10 DTCA.

Alteration

78.7-80.6: Weak-moderate, pervasive chlorite alteration.

Structure

80.2-80.21: Lower contact; Lower contact is sharp ~30 DTCA

80.21 86.4 PSEU - Pseudotachylite
 Pseudotachylite with large gabbro fragments. Consists of ~15% medium to dark grey, very fine grained matrix with cm-scale, subangular, locally stretched fragments of quartz gabbro. Matrix displays moderately to strongly developed fabric ~25-35 DTCA. No sulphides observed. Lower contact is sharp 45 DTCA.

Alteration

78.7-80.6: Weak-moderate, pervasive chlorite alteration.

80.6-90.0: Weak, pervasive chlorite alteration.

Structure

80.21-86.39: breccia; See major litho

86.39-86.4: Lower contact; Lower contact is sharp ~50 DTCA

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From	To	Lithology
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86.4	90	3B - Nipissing quartz gabbro Similar to that described from 37.86-69.05m. Band of pseudotachylite occurs ~89.72-89.87m. Sulphides occur as 0.1% disseminated PoCpy. Interval is cut by 0.1-0.5cm light grey to white quartz-carbonate veins ~25 DTCA. EOH
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Mineralization

86.4-87.0: 0.01% disseminated Po

89.0-89.5: 0.01% disseminated Po

Alteration

80.6-90.0: Weak, pervasive chlorite alteration.

Project: Shakespeare Property		Hole Number: MHV-21-02					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Oct-07-2021	Drilling Started: Oct-05-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed:	Drilling Completed:	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 150	Logged By: G.Hamilton	Drilling Contractor: Gyllis	Easting:	439290		
Casing: Mt	Actual Depth: 195			Northing:	5137278		
				Elevation:	303		
Target:							
Comments:							
From	To	Lithology					
0	1.1	OB - Overburden					
1m of casing							
1.1	3.1	1D - Quartz pebble conglomerate					
Pebbly greywacke. Medium to dark grey, weakly bedded/foliated ~25 DTCA. Consists of ~20-30% 0.2-20cm, subrounded clasts of quartzite. Unit is poorly sorted, matrix supported with a sandy/silty matrix. Weak, pervasive chlorite alteration. Sulphides occur as fracture filling PyPo ~0.5%, up to 1-2% from 1-1.5m. Lower contact is obscured by broken core.							
Mineralization							
1.1-1.73: 1-2% fracture controlled PyPo							
1.73-2.28: 0.01% fracture controlled PyPo							
Alteration							
1.1-3.1: Weak, pervasive chlorite alteration							
Structure							
1.1-2.0; Weak bedding/foliation ~25 DTCA							
3.09-3.1: Lower contact; Lower contact is obscured by broken core							
3.1	11.52	1A - Quartzite					
Quartzite. Light-medium grey-brown, massive. Unit is composed of dominantly coarse sand (~70%) with finer grained matrix. Unit is moderately to strongly silicified with moderate to strong, patchy brown alteration - sericite (?). Blocky core occurs from 4.4-4.8m. Interval is cut by 0.1-2cm medium grey quartz-carbonate veins ~5-45 DTCA. Sulphides occur as disseminated to fracture filling Py ~0.1%, locally up to 1-2% disseminated from 8.75-9.0m. Lower contact is sharp and irregular.							
Mineralization							
8.75-9.0: 1-2% disseminated Py							
Alteration							
3.1-7.5: Moderate to strong, patchy sericite alteration with moderate to strong, pervasive silicification							
7.5-11.52: Moderate to strong, pervasive silicification							
Structure							
4.4-4.8; Blocky core							
11.51-11.52: Lower contact; Lower contact is sharp and irregular							

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From	To	Lithology
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11.52 15 Structural breccia - Generic for structure related breccias
 Breccia. Unit appears to be strongly brecciated and silicified metasediment. Possibly magmatic breccia with fine, chilled diabase matrix (?). ~70% matrix and 30% fragments. Unit is composed of light grey to brown, cm-scale, angular fragments of quartzite with dark grey-brown matrix of quartz-biotite. Unit is strongly silicified and moderately biotite/chlorite altered. Matrix contains fine, mm-scale white blebs throughout - possible amygdules in high level mafic intrusion (?). Light to medium brown quartzite fragments appear to be laminated locally. No sulphides observed. Lower contact is sharp ~20 DTCA.

Alteration

11.52-15.0: Moderate, pervasive biotite alteration with moderate to strong, pervasive silicification

Structure

11.52-14.99: breccia; See major litho

14.99-15.0: Lower contact; Lower contact is sharp ~20 DTCA.

15 17.97 2A - Greywacke
 Siltstone(?). Dark grey-green, laminated ~15 DTCA. Unit is composed of dominantly silty to muddy, laminated, soft material with localized cm-scale interbeds of sandy, hard material. Unit also contains layers of bedding parallel, pink-orange, 0.2-1cm, subangular-subrounded fragments/clasts of arkosic material (?) or altered, pebbly beds. Chlorite alteration is moderate and pervasive. No sulphides observed. Lower contact is sharp ~30 DTCA.

Alteration

15.0-17.47: Moderate, pervasive chlorite alteration

17.47-22.2: Moderate to strong, pervasive silicification

Structure

15.0-17.46; Bedding occurs ~15 DTCA

17.46-17.47: Lower contact; Lower contact is sharp ~30 DTCA

17.47-17.77: breccia; Patch of brecciation in quartzite

17.97 25.17 1A - Quartzite
 Quartzite. Light-medium grey-brown, massive. Unit is composed of dominantly medium sand (~80-90%) with finer grained matrix, locally unit is completely recrystallized with no visible grains. Unit is moderately to strongly silicified with weak, patchy brown alteration - sericite (?). Unit is brecciated from 17.47-17.77m and 18.75-19.2m. Breccias consist of angular fragments of quartzite with fine, chloritic matrices. Bed of muddier material occurs from 22.2-22.8m. No sulphides observed. Lower contact is sharp and irregular.

Alteration

17.47-22.2: Moderate to strong, pervasive silicification

22.2-22.8: Moderate, pervasive chlorite alteration

22.8-25.17: Moderate to strong, pervasive silicification

Structure

18.75-19.2: breccia; Patch of brecciation in quartzite

22.2-22.8; Bedding occurs ~35 DTCA

25.16-25.17: Lower contact; Lower contact is sharp ~45 DTCA

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From	To	Lithology
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25.17	26.66	3B - Nipissing quartz gabbro Quartz gabbro. Dark grey-green medium grained, moderately foliated ~35-45 DTCA, weakly magnetic. Unit is composed of ~25% quartz, ~50% biotite, and ~25% plagioclase. Interval is cut by ~0.1-0.5cm light grey to white quartz-carbonate veins ~40-45 DTCA. No sulphides observed. Lower contact is sharp ~35 DTCA.
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Alteration

25.17-26.66: Moderate to strong and pervasive biotite alteration

Structure

25.17-26.65: Foliation; Foliation ranges from 35-45 DTCA

26.65-26.66: Lower contact; Lower contact is sharp ~35 DTCA

26.66	29.35	3B - Nipissing quartz gabbro Quartz Gabbro/quartz diorite(?). Medium grey, massive to weakly foliated ~20-25 DTCA, non magnetic. Unit is composed of ~60-70%, 0.2-3cm, subrounded to subangular, quartz crystals/metasediment clasts - unit appears fragmental locally. Matrix is comprised of fine, chloritized/sericitized material. No sulphides observed. Lower contact is sharp ~20 DTCA.
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Alteration

26.66-40.29: Weak to moderate, pervasive chlorite alteration

Structure

29.0-29.94; Weak bedding/foliation ~20 DTCA

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From	To	Lithology
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29.35	40.29	2A - Greywacke Pebbly greywacke. Medium to dark grey, laminated/foliated ~20-35 DTCA. Unit is dominantly comprised of silty material with ~5-10% 0.2-4cm, rounded quartzite clasts. Clasts locally appear elongate and stretched. Strains shadows are locally developed surround metasediment clasts, composed of quartz-carbonate and pyrite (i.e., 37.95-38.05m). Narrow shear occurs from 34.42-34.75m with moderately foliated, muddy/silty matrix and elongate, stretched metasediment clasts ~25 DTCA. Fault gouge and chloritic slickenlines occur along fault/slip plane from 31.5-31.6m ~20 DTCA. Sulphides occur as fracture filling Po, Py, Cpy, and Asp (in order of decreasing abundance) ~1% overall, with up to 2-3% locally. Asp occurs from 31.9-32.44 ~0.5% and 34.42-34.75m ~2-3% - Asp occurs as rounded grains and appears to be replacing metasediment clasts. Asp also appears to be nucleating off of Po and Cpy. Lower contact is sharp ~50 DTCA.
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Mineralization

- 30.76-31.17: ~1-2% fracture filling PoCpy
- 31.17-31.89: ~0.5% fracture controlled to disseminated Po
- 31.89-32.44: ~1% fracture filling Po and ~0.5% fracture filling Asp
- 32.44-33.47: ~0.5% fracture controlled to disseminated Po
- 33.47-34.42: ~0.5% fracture controlled to disseminated Po with ~0.1% fracture fill Asp
- 34.42-34.75: ~2-3% disseminated Asp with ~0.1% PoCpy
- 34.75-37.25: ~0.1% fracture controlled Po and 0.01% Asp
- 37.25-38.1: ~0.5% fracture filling to disseminated Py and ~0.5% fracture filling to disseminated Po
- 38.1-40.29: ~1-2% fracture controlled Po

Alteration

26.66-40.29: Weak to moderate, pervasive chlorite alteration

Structure

- 29.0-29.94; Weak bedding/foliation ~20 DTCA
- 29.94-29.95: Lower contact; Lower contact is sharp ~20 DTCA
- 29.95-34.42; Bedding ranges from 20-25 DTCA
- 34.42-34.75: Shear; Narrow shear with moderately foliated, muddy/silty matrix and elongate, stretched metasediment clasts ~25 DTCA
- 34.75-36.5; Bedding occurs ~30 DTCA
- 36.5-36.6: Gouge; Fault gouge ~2-3mm and chloritic slickenlines occur along fault/slip plane ~20 DTCA
- 36.6-40.28; Bedding ranges from 30-35 DTCA
- 40.28-40.29: Lower contact; Lower contact is sharp ~50 DTCA

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From	To	Lithology
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40.29 47.1 HBX - Hydrothermal Breccia
 Strongly silicified quartzite. Light grey, translucent quartz, brecciated. Unit is composed of >90% quartz with cm-scale subangular fragments of metasediment (greywacke as above (?)). Locally light grey to white, 'floating' quartz grains can be seen in the translucent quartz matrix/groundmass. Sulphides occur as fracture filling to locally disseminated Py>Po)Cpy, ~2-3% overall with up to 5% locally. Lower contact is based on transition into broken core.

Mineralization

- 40.29-42.48: ~1-2% disseminated to fracture filling Po and ~0.5-1% disseminated to fracture filling Cpy
- 42.48-43.29: ~3% fracture controlled Py and ~3% Po with ~1% Cpy; overall sulphide content between 6-8%
- 43.29-43.88: ~0.1% disseminated PoPy
- 43.88-44.39: 2-3% disseminated Py
- 44.39-45.23: 1-2% fracture controlled Po with 1-2% fracture controlled Py
- 45.23-45.85: ~0.25% disseminated to fracture controlled Po

Alteration

40.29-47.1: Strong, pervasive silicification

47.1 47.85 FLT - Fault
 Fault zone. Blocky zone with abundant sericitic slickenlines and mm-scale fault gouge. Fault gouge appears to be parallel TCA. No sulphides observed. Lower contact is based on transition back into competent core.

Alteration

47.1-51.13: Weak, pervasive chlorite alteration

47.85 51.13 3B - Nipissing quartz gabbro
 Quartz Gabbro/quartz diorite (?). Unit is medium grey-green, fine-medium grained, massive, and non magnetic. Consists of >50-60% 0.1-1cm subrounded to subangular, quartz phenocrysts - unit appears fragmental locally with a fine, chloritic groundmass. Chlorite alteration is moderate and pervasive. No sulphides observed. Lower contact is sharp and irregular.

Alteration

47.1-51.13: Weak, pervasive chlorite alteration

Structure

51.12-51.13: Lower contact; Lower contact is sharp and irregular.

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From	To	Lithology
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51.13	71.47	1A - Quartzite Quartzite. Medium grey, massive, and non magnetic. Unit is composed of >90%, largely recrystallized, fine to coarse sand grains. Silicification is moderate to strong and pervasive. Unit is darker grey from 61.1-63.4m - weak fracture filling chlorite associated with weak, patchy shearing. Sulphides are confined to the 61.35-62.1m, occurring as ~0.5% fracture filling Py and 0.01% Cpy. Lower contact is sharp and irregular.
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Mineralization

61.26-62.09: ~0.25-0.5% fracture controlled Py and 0.01% Cpy

Alteration

51.13-61.1: Moderate to strong, pervasive silicification
 61.1-63.4: Weak, patchy chlorite alteration with moderate-strong, pervasive silicification
 63.4-71.47: Moderate-strong, pervasive silicification

Structure

63.0-63.3: Foliation; Weak foliation/bedding ~20 DTCA.
 71.46-71.47: Lower contact; Lower contact is sharp and irregular

71.47	73.33	QCVS - Structural Infill Quartz-carbonate Vein Quartz-carbonate vein. Light grey to white, massive quartz with 5-20cm, angular fragments of quartzite throughout. Fragments locally have gradational contacts with vein material and appear to be replacing wall rock. No sulphides observed. Lower contact is sharp and irregular.
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Structure

71.47-73.32: Veins; See major litho.
 73.32-73.33: Lower contact; Lower contact is sharp and irregular.

73.33	74.25	1A - Quartzite Same unit as described from 51.13-71.47m. No sulphides observed. Lower contact is sharp and irregular.
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Alteration

73.33-74.25: Moderate-strong, pervasive silicification

Structure

74.24-74.25: Lower contact; Lower contact is sharp and irregular.

74.25	74.85	QCVS - Structural Infill Quartz-carbonate Vein Same unit as described from 71.47-73.33m. No sulphides observed. Lower contact is sharp and irregular.
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Structure

74.25-74.84: Veins; See major litho
 74.84-74.85: Lower contact; Lower contact is sharp and irregular

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From	To	Lithology
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74.85 85.95 1A - Quartzite
 Same unit as described from 51.13-71.47m. No sulphides observed. Lower contact is sharp and irregular.

Alteration

74.85-85.95: Moderate-strong, pervasive silicification

Structure

85.94-85.95: Lower contact; Lower contact is sharp and irregular.

85.95 88.78 Structural breccia - Generic for structure related breccias
 Breccia - possibly magmatic. Unit consists of 1-45cm subangular fragments of quartzite within a fine grained, dark grey-green matrix - possibly quartz gabbro. ~30-40% matrix and 60-70% fragments. No sulphides observed. Lower contact is sharp ~25 DTCA.

Alteration

85.95-88.78: Moderate-strong, patchy silicification associated with quartzite fragments and weak, patchy chlorite alteration associated with matrix.

Structure

85.95-88.87: breccia; See major litho

88.78 97.89 1A - Quartzite
 Similar to that described from 51.13-71.47m. Drillers blocks indicate 1m grind between 93-96m and core is very blocky over this interval. No sulphides observed. Lower contact is sharp and irregular.

Alteration

88.78-97.89: Moderate-strong, pervasive silicification

Structure

85.95-88.87: breccia; See major litho

88.87-88.88: Lower contact; Lower contact is sharp ~25 DTCA.

93.2-96.0: Blocky core; Blocky core and core grind between 93-96m

97.88-97.89: Lower contact; Lower contact is sharp and irregular

97.89 98.61 3B - Nipissing quartz gabbro
 Chilled quartz gabbro/quartz diorite (?). Medium grey-green, fine grained, non magnetic. Unit contains <5% subrounded fragments cm-scale fragments of quartzite. Interval contains ~30-40% 1 -3mm subrounded quartz phenocrysts (?) with a fine grained chlorite altered groundmass. No sulphides observed. Lower contact is sharp and brecciated.

Alteration

97.89-98.61: Weak-moderate, pervasive chlorite alteration

Structure

98.6-98.61: Lower contact; Lower contact is sharp and brecciated

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From	To	Lithology
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98.61 103.05 1A - Quartzite
 Similar to that described from 51.13-71.47m. Unit is highly fractured and has weak-moderate, patchy, brown sericite (?) alteration throughout. Unit is cut by a fault with 3-5mm fault gouge ~15 DTCA @100.4-100.5m. No sulphides observed. Lower contact is marked by transition into broken core.

Alteration

98.61-107.06: Weak-moderate, patchy brown alteration - sericite (?) and moderate-strong, pervasive silicification

Structure

100.4-100.5: Fault; Unit is cut by a fault with 3-5mm fault gouge ~15 DTCA
 103.04-103.05: Lower contact; Lower contact is marked by transition into broken core

103.05 106.6 FLT - Fault
 Fault zone. Interval contains abundant broken core with cm-scale angular fragments of quartzite. No sulphides observed. Lower contact is marked by the transition back into competent core.

Alteration

98.61-107.06: Weak-moderate, patchy brown alteration - sericite (?) and moderate-strong, pervasive silicification

Structure

103.05-106.59: Blocky core; See major litho
 106.59-106.6: Lower contact; Lower contact is marked by transition back into competent core.

106.6 107.06 1A - Quartzite
 Similar to that described from 51.13-71.47m. No sulphides observed. Lower contact is sharp and sheared ~35 DTCA.

Alteration

98.61-107.06: Weak-moderate, patchy brown alteration - sericite (?) and moderate-strong, pervasive silicification

Structure

107.05-107.06: Lower contact; Lower contact is sharp and sheared ~35 DTCA.

107.06 111.15 3B - Nipissing quartz gabbro
 Quartz Gabbro/quartz diorite (?). Unit is medium grey-green, fine-medium grained, massive, and non magnetic. Consists of >50-60% 0.1-1cm subrounded to subangular, quartz phenocrysts - unit appears fragmental locally with a fine, chloritic groundmass. Chlorite alteration is moderate and pervasive. No sulphides observed. Lower contact is gradational marked by increasing foliation strength ~15 DTCA.

Alteration

107.06-121.46: Moderate, pervasive chlorite alteration

Structure

111.14-111.15: Lower contact; Lower contact is gradational marked by increasing foliation strength.

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From	To	Lithology
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111.15 112.73 SHR - Shearzone
 Sheared gabbro. Medium grey-green, fine grained, moderately-strongly foliated ~0-25 DTCA, non magnetic. Foliation is undulatory. Chlorite alteration is moderate-strong and pervasive. No sulphides observed. Interval is cut by <1% cm-scale, medium grey quartz-carbonate veining parallel to foliation. Lower contact is sharp ~25 DTCA.

Alteration

107.06-121.46: Moderate, pervasive chlorite alteration

Structure

111.15-112.72: Shear; See major litho

112.72-112.73: Lower contact; Lower contact is sharp ~25 DTCA

112.73 121.46 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. No sulphides observed. Lower contact is semi-sharp ~55 DTCA.

Alteration

107.06-121.46: Moderate, pervasive chlorite alteration

Structure

121.45-121.46: Lower contact; Lower contact is semi-sharp ~55 DTCA

121.46 124.13 3B - Nipissing quartz gabbro
 Quartz gabbro. Dark grey, medium grained, massive, non magnetic. Consists of ~30% plagioclase, 10% quartz, 5-10% biotite and 50% amphibole/pyroxene. Sulphides occur as ~0.25-0.5% disseminated PoCpy. Lower contact is sharp and irregular.

Mineralization

121.46-122.0: ~0.01% disseminated PoCpy

122.0-122.73: ~0.5% disseminated PoCpy

Alteration

121.46-131.35: Weak, pervasive chlorite alteration

Structure

124.12-124.13: Lower contact; Lower contact is sharp and irregular

124.13 127.52 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. No sulphides observed. Lower contact is gradational marked by darker colour and increased biotite content.

Alteration

121.46-131.35: Weak, pervasive chlorite alteration

Structure

127.51-127.52: Lower contact; Lower contact is gradational marked by darker colour and increased biotite content.

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From	To	Lithology
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127.52 128.67 3B - Nipissing quartz gabbro
 Similar to that described from 121.46-124.13m. Foliation is weakly developed ~40 DTCA define by biotite. Sulphides occur as 1-2% finely disseminated Po. Lower contact is gradational marked by lighter colour and decreased biotite content.

Mineralization

127.75-128.51: ~1-2% disseminated Po

Alteration

121.46-131.35: Weak, pervasive chlorite alteration

Structure

128.66-128.67: Lower contact; Lower contact is gradational marked by lighter colour and decreased biotite content.

128.67 142.83 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. Unit is softer locally - possibly due to patches of moderate, chlorite/talc(?) alteration. No sulphides observed. Lower contact is gradational marked by darker colour and increased biotite content ~45 DTCA.

Alteration

121.46-131.35: Weak, pervasive chlorite alteration

131.35-132.3: Moderate, pervasive chlorite alteration

132.3-142.83: Weak, pervasive chlorite alteration

Structure

142.82-142.83: Lower contact; Lower contact is gradational marked by darker colour and increased biotite content ~45 DTCA.

142.83 148.51 3B - Nipissing quartz gabbro
 Similar to that described from 121.46-124.13m. Foliation is weakly developed along upper and lower contacts ~40 DTCA. Weak to moderate, pervasive biotite alteration No sulphides observed. Lower contact is gradational marked by lighter colour and decreased biotite content ~40 DTCA.

Alteration

142.83-148.51: Weak to moderate, pervasive biotite alteration

Structure

142.83-143.05: Foliation; Weak foliation ~40 DTCA defined by biotite

148.0-148.5: Foliation; Weak foliation ~40 DTCA defined by biotite

148.5-148.51: Lower contact; Lower contact is gradational marked by lighter colour and decreased biotite content ~40 DTCA.

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From	To	Lithology
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148.51 157.58 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. Unit is cut by 2-3mm fault gouge from 153.6-154.6m ~0-5 DTCA with weak-moderate shearing from 154.74-155.25m ~25 DTCA. Fault gouge also occurs from 156-156.1m ~5 DTCA. Soft, moderate, pervasive chlorite/talc alteration. No sulphides observed. Lower contact is gradational marked by increased plagioclase content.

Alteration

148.51-157.2: Weak to moderate, pervasive talc/chlorite alteration
 157.2-160.4: Weak, patchy biotite alteration

Structure

153.6-154.6: Gouge; Unit is cut by 2-3mm fault gouge from 153.6-154.6m ~0-5 DTCA
 154.75-155.25: Shear; Weak-moderate shearing from 154.74-155.25m ~25 DTCA.
 156.0-156.1: Gouge; Fault gouge also occurs from 156-156.1m ~5 DTCA.
 157.56-157.57: Lower contact; Lower contact is gradational marked by increased plagioclase content.

157.58 159.27 3B - Nipissing quartz gabbro
 Similar to that described from 121.46-124.13m. Unit is weakly varitextured with cm-scale, irregular patches of coarse grained gabbro. No sulphides observed. Lower contact is gradational marked by decreased plagioclase content ~40 DTCA.

Alteration

157.2-160.4: Weak, patchy biotite alteration

Structure

159.26-159.27: Lower contact; Lower contact is gradational marked by decreased plagioclase content ~40 DTCA.

159.27 162 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. Soft, moderate, pervasive chlorite/talc alteration. Unit is weakly foliated locally ~25 DTCA. Unit is cut by tan coloured, hard, foliated zone ~160.92-161.17m - possibly silicified shear. Shear contacts occur ~20 DTCA with foliation ~50 DTCA. No sulphides observed. Lower contact is gradational marked by increased plagioclase content.

Alteration

157.2-160.4: Weak, patchy biotite alteration
 160.4-160.92: Weak to moderate, pervasive talc/chlorite alteration
 160.92-161.17: Strong, pervasive silicification associated with shearing
 161.17-167.2: Weak, patchy biotite and chlorite alteration

Structure

160.92-161.17: Shear; Unit is cut by tan coloured, hard, foliated zone ~160.92-161.17m - possibly silicified shear. Shear contacts occur ~20 DTCA with foliation ~50 DTCA.
 161.17-161.99: Foliation; Weak foliation ~25 DTCA
 161.99-162.0: Lower contact; Lower contact is gradational marked by increased plagioclase content.

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From	To	Lithology
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162 167 3B - Nipissing quartz gabbro
 Similar to that described from 121.46-124.13m. Unit is weakly varitextured with cm-scale, irregular patches of coarse grained gabbro. 0.01% disseminated PoCpy observed between 162.35-163.85m. Lower contact is gradational marked by decreased plagioclase content.

Mineralization

- 162.35-163.85: ~0.01% disseminated PoCpy
- 164.65-165.0: ~0.5% quartz-carbonate veinlet to fracture controlled hosted PoCpy

Alteration

- 161.17-167.2: Weak, patchy biotite and chlorite alteration

Structure

- 162.9-163.1: Foliation; Weak foliation ~20 DTCA
- 166.99-167.0: Lower contact; Lower contact is gradational marked by decreased plagioclase content.

167 185.5 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. Unit displays weak, patchy foliation ~5-10 DTCA. Fault gouge occurs @ 167.2-167.3m ~5 DTCA and 168.26-168.85m. ~5 DTCA. Narrow shears occur from 170.1-170.3m ~15 DTCA and 184-184.35 ~20 DTCA. Patch of brecciated quartz veining occurs from 175.52-175.94m. Soft, moderate, pervasive chlorite/talc alteration. Patch of strong talc alteration occur from 184-184.35m. No sulphides observed. Lower contact is obscured by broken core.

Alteration

- 161.17-167.2: Weak, patchy biotite and chlorite alteration
- 167.2-168.47: Weak to moderate, pervasive talc/chlorite alteration
- 168.47-170.3: Moderate to strong talc/chlorite alteration
- 170.3-178.33: Weak to moderate, pervasive talc/chlorite alteration
- 178.33-179.38: Weak, pervasive talc/chlorite alteration
- 179.38-184.0: Weak to moderate, pervasive talc/chlorite alteration
- 184.0-184.45: Moderate to strong talc/chlorite alteration
- 184.45-185.5: Weak to moderate, pervasive talc/chlorite alteration

Structure

- 167.2-167.3: Fault; 2-3mm fault gouge ~5 DTCA
- 168.26-168.85: Fault; 2-3mm fault gouge ~5 DTCA associated with narrow band of foliated material along fault plane
- 168.85-169.5: Foliation; Weak foliation ~10-15 DTCA
- 170.1-170.3: Shear; Narrow shear ~15 DTCA
- 175.52-175.94: breccia; Patch of brecciated quartz veining with foliation ~25-35 DTCA
- 184.0-184.35: Shear; Narrow shear ~20 DTCA
- 185.49-185.5: Lower contact; Lower contact is obscured by broken core.

Project: Shakespeare Property	Hole Number: MHV-21-02
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From	To	Lithology
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185.5 186.84 SHR - Shearzone
 Sheared quartz gabbro. Foliation is moderately to strongly developed ~25 DTCA. Talc alteration is strong and pervasive. No sulphides observed. Lower contact is sharp ~15 DTCA.

Alteration

185.5-186.88: Moderate to strong, pervasive talc/chlorite alteration

Structure

185.5-186.87: Shear; See major litho

186.84 192.31 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. Weak-moderate, patchy biotite alteration occurs throughout at 188-189.1m. No sulphides observed. Lower contact is sharp ~25 DTCA.

Alteration

185.5-186.88: Moderate to strong, pervasive talc/chlorite alteration

186.88-187.9: Weak to moderate, pervasive talc/chlorite alteration

187.9-189.1: Weak to moderate, patchy biotite alteration

189.1-194.0: Weak, pervasive talc/chlorite alteration

Structure

185.5-186.87: Shear; See major litho

186.87-186.88: Lower contact; Lower contact is sharp ~15 DTCA.

192.3-192.31: Lower contact; Lower contact is sharp ~25 DTCA.

192.31 193.53 PSEU - Pseudotachylite
 Pseudotachylite or sheared gabbro. Consists of cm-scale, subrounded to elongate quartz gabbro fragments (~75% fragments/25% matrix) contained within a very fine grained, medium grey matrix. Fragments dominantly occur oriented in a foliation ~20-30 DTCA. No sulphides observed. Lower contact is sharp ~30 DTCA.

Alteration

189.1-194.0: Weak, pervasive talc/chlorite alteration

Structure

192.31-193.52: breccia; See major litho

193.52-193.53: Lower contact; Lower contact is sharp ~30 DTCA

193.53 194.99 3B - Nipissing quartz gabbro
 Similar to that described from 107.06-111.15m. Soft, moderate, patchy chlorite/talc alteration. Sulphides occur as 0.5% fracture controlled PoCpy from 194.54-195m. EOH

Mineralization

194.54-195.0: ~0.5% fracture controlled to quartz-carbonate veinlet hosted PoCpy

Alteration

189.1-194.0: Weak, pervasive talc/chlorite alteration

194.0-195.0: Weak, patchy biotite alteration

Project: Shakespeare Property	Hole Number: MHV-21-02
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From	To	Lithology
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194.99	195	EOH
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Mineralization

194.54-195.0: ~0.5% fracture controlled to quartz-carbonate veinlet hosted PoCpy

Alteration

194.0-195.0: Weak, patchy biotite alteration

Project: Shakespeare Property		Hole Number: MSP-21-01		
Hole Type: DD	Core Location: Coreshed	Logging Started: Jun-11-2021	Drilling Started: Jun-10-2021	Type: Planned
Hole Size: NQ	Claim Number:	Logging Completed: Jun-13-2021	Drilling Completed: Jun-11-2021	Grid: NAD83 / UTM zone 17N
Purpose: Exp	Planned Depth: 100	Logged By: C.Caskenette	Drilling Contractor: Gyllis	Easting: 439905
Casing:	Actual Depth: 102			Northing: 5131973
				Elevation: 296

Target:

Comments:

From	To	Lithology
0	5.1	OB - Overburden Overburden

5.1 14.82 MV - Mafic Volcanics
 Mafic volcanic. Black blue/green, fine grained, non-magnetic, massive with amygdule localized textures . Mineralogy is difficult to determine based on the fine grained sand nature. mm to cm scale quartz-carbonate and yellow/white (dolomite? sericite?) veins ~60-75 DTCA. Weak pervasive chlorite alteration giving blue/green colour. Po and Py disseminated and quartz-carb vein hosted mineralization at 1-3% overall, and locally 5-8%. Po>>Py. Lower contact is marked by sudden breccia at ~75 DTCA.

Mineralization

- 7.05-8.5: ~0.5% fracture controlled pyrite and 0.1-0.5% disseminated Po
- 8.5-9.0: ~3-5% foliation controlled and disseminated Po, and ~0.5% foliation controlled Py
- 9.88-14.81: ~0.1-0.5% quartz-carbonate vein hosted and disseminated Po and ~0.01-0.1% quartz-carbonate vein hosted and disseminated Py.
- 14.81-15.7: ~1% foliation controlled and quartz-carbonate vein hosted Po, and ~0.5% foliation controlled Py

Alteration

- 5.7-9.7: Weak, pervasive chlorite alteration
- 10.2-11.8: Weak/moderate, pervasive chlorite alteration
- 14.81-17.76: Weak/moderate, pervasive chlorite alteration

Structure

- 6.5-6.67: Shear; ~20cm shear zone at ~70 DTCA
- 10.03-10.33: breccia; ~30cm breccia zone
- 11.6-11.8: Slip surfaces; Multiple ~1cm quartz-carbonate vein offset
- 14.8-14.81: Lower contact; Lower contact between Mv and Breccia at ~75 DTCA
- 14.81-20.11: breccia; See major litho

Project: Shakespeare Property	Hole Number: MSP-21-01
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From	To	Lithology
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14.82	20.11	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix</p> <p>Breccia. Fine grained matrix, black green, foliated matrix, brecciated, non-magnetic. Breccia fragments are of host black/dark green mafic volcanic, soft light green, and yellow/white rocks. Fragments are angular to sub-angular. Weak pervasive chlorite alteration on the fragments. Decimeter scale pink/white carbonate vein along with foliation trends ~30 DTCA. Mineralization follows: Po>Py>>Cpy. Mineralization disseminated in the matrix at ~3-5% overall. Cpy ~0.01-0.1%. Lower contact is marked by sharp end of breccia and massive unit beginning at ~70 DTCA.</p>
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Mineralization

- 14.81-15.7: ~1% foliation controlled and quartz-carbonate vein hosted Po, and ~0.5% foliation controlled Py
- 15.7-19.05: ~5-8% foliation controlled Po, ~3-5% foliation and quartz-carbonate vein hosted Py, and ~0.01-0.01% foliation controlled Cpy
- 19.05-20.11: ~3-5% foliation controlled Po, ~0.01-0.1% foliation controlled Py

Alteration

- 14.81-17.76: Weak/moderate, pervasive chlorite alteration
- 17.76-22.0: Weak, pervasive chlorite alteration

Structure

- 14.81-20.11: breccia; See major litho
- 15.9-16.43: breccia; Offset marked by vein termination ~parallel to 10 DCTA. Slip distance undetermined
- 19.04-19.11: Veins; ~5cm quartz-carbonate vein at ~50 DTCA

20.11	21.6	<p>MV - Mafic Volcanics</p> <p>Similar to 5.1m-14.82m. Mafic volcanic. Fine grained, medium green black, non-magnetic, massive. Mineralogy difficult to determine due to grain size. Localized amygdule textures. Po>Py>>Cpy mineralization hosted in quartz-carbonate stringers and disseminated, up to 1% for the unit interval. Lower contact is marked by sharp contact with breccia at ~35 DTCA.</p>
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Mineralization

- 20.11-21.6: ~1-2% disseminated and foliation controlled Po, and 0.5-1% quartz-carbonate vein hosted Py

Alteration

- 17.76-22.0: Weak, pervasive chlorite alteration

Structure

- 21.52-21.59: Gouge; Possible gouge/shear at ~40 DTCA
- 21.59-21.6: Lower contact; Lower contact

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From	To	Lithology
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21.6	22.64	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix</p> <p>Similar to 14.82m-20.11m. Breccia. Fragments are of same composition as the previously mentioned breccia, angular to sub angular. Matrix hosted mineralization of Po>>Py>Cpy, at ~2-4% for the unit. Lower contact is marked by the lack of breccia fragments at ~ 40 DTCA.</p>
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Mineralization

21.6-22.64: ~3-5% foliation controlled Po, ~0.01% foliation controlled py, and ~0.01% quartz-carbonate vein hosted cpy

Alteration

17.76-22.0: Weak, pervasive chlorite alteration

Structure

21.6-22.63: breccia; See major litho

22.63-22.64: Lower contact; Lower contact

22.64	32.37	MV - Mafic Volcanics
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Similar to previous mafic intrusive at 20.11m-21.6m. Unit transitions from similar black grey to grey brown gradationally from 27m-30m. Multiple decimeter scaled breccia zones are present in the unit. Unit contains mm scale quartz-carbonate stringers and veins at ~40 DTCA. Breccia zones contain similar characteristics to larger breccia units. Mineralization of the breccia zones can differ, from ~1% to ~3-5%, and hosted in the matrix. Weak patchy blue/green alteration localized to some clasts and patches. Lower contact is gradational, marked by the increase in breccia content.

Mineralization

22.64-24.15: ~1-2% quartz-carbonate vein hosted and disseminated Po, and ~0.5% quartz-carbonate vein hosted Py

24.15-29.92: ~1-2% quartz-carbonate vein hosted po, ~0.5-1% quartz-carbonate vein hosted py, and ~0.01% quartz-carbonate vein hosted Cpy

29.92-30.13: ~5-8% foliation controlled Po in a breccia section

30.13-31.5: ~0.5-1% quartz-carbonate vein hosted po, ~0.1% quartz-carbonate vein hosted py, and ~0.01% quartz-carbonate vein hosted Cpy

31.5-33.8: ~1-3% foliation controlled and quartz-carbonate vein hosted Po, and ~0.1-0.5% foliation controlled and quartz-carbonate vein hosted Py

Alteration

29.9-31.4: Weak, patchy chlorite alteration

31.4-35.1: Moderate, pervasive chlorite alteration

Structure

23.97-24.15: breccia; ~15cm wide breccia zone starting ~perpendicular to core axis

24.15-26.78: Veins; Multiple mm scale quartz-carbonate stringers ~30-60 DTCA

26.78-26.92: breccia; Breccia zone showing amygdule textures and mineralization

28.7-28.8: Blocky core; ~10cm section of blocky core with silty soft planes. Core is also rounded with from drill rub

29.9-30.13: breccia; ~25cm zone of breccia

30.46-30.51: Veins; ~5cm wide quartz-carbonate vein at ~75 DTCA

31.28-32.36: Foliation; Zone of foliation at ~70-90 DTCA

32.36-32.37: Lower contact; Gradational lower contact

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From	To	Lithology
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32.37	37.71	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix</p> <p>Breccia. Dark grey black, fine grained, brecciated. Fragments consist of sub angular to sub rounded white/yellow dolomite(?) sericite (?). Matrix is weak-moderate to moderate-strong alteration of blue/green. Amygdule texture locally as blue/green spots, likely altered by the same mechanism as the matrix. mm scale quartz-carbonate stringers at ~ 60-70 DTCA. Po>>Py>Cpy disseminated in the matrix and quartz-carbonate fracture fill, up to ~3-5% locally, unit overall is ~1-3%. Lower contact is marked by gradual decrease in breccia fragments.</p>
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Mineralization

31.5-33.8: ~1-3% foliation controlled and quartz-carbonate vein hosted Po, and ~0.1-0.5% foliation controlled and quartz-carbonate vein hosted Py

33.8-35.8: ~0.5-1% foliation controlled and quartz-carbonate vein hosted Po, ~0.1-0.5% quartz-carbonate vein hosted and foliation controlled Py.

35.8-40.13: ~1-2% quartz-carbonate vein hosted and disseminated Po, ~0.5-1% quartz-carbonate vein hosted py, and ~0.01% quartz-carbonate vein hosted Cpy

Alteration

31.4-35.1: Moderate, pervasive chlorite alteration

35.1-37.3: Weak/moderate, patchy chlorite alteration

37.3-37.7: Weak/moderate, pervasive chlorite alteration

Structure

32.37-37.7: breccia; See major litho

37.7-37.71: Lower contact; Lower contact at ~65 DTCA

37.71	43	<p>MV - Mafic Volcanics</p> <p>Mafic volcanic. Black grey/green, massive to locally weak foliation, fine grained. Unit is fine grained enough to make mineral percentage difficult to determine. cm-dm scale quartz-carbonate veins at ~60-80 DTCA. Amygdule textures present locally. Po>>Py>Cpy. Mineralization found hosted around quartz-carbonate veins and stringers. Cpy for the unit <0.5%. Dm-scale breccia begins near ear of unit where clasts are up to 20cm. Lower contact is marked by start of breccia.</p>
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Mineralization

35.8-40.13: ~1-2% quartz-carbonate vein hosted and disseminated Po, ~0.5-1% quartz-carbonate vein hosted py, and ~0.01% quartz-carbonate vein hosted Cpy

40.13-43.0: ~2% quartz-carbonate vein hosted Po and ~1% quartz carbonate vein hosted Py

Structure

40.05-40.13: Veins; ~10cm quartz-carbonate vein ~80 DTCA.

41.85-42.0: Foliation; Foliation at ~60 DTCA

42.99-43.0: Lower contact; Lower contact ~70 DTCA

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From	To	Lithology
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43	43.3	QV - Quartz vein Quartz/ Quartz-carbonate veining. Massive, white/yellow, containing ~50-60% quartz, ~10% green chlorite or actinolite (? green is harder than soft chlorite), ~10-20% yellow/pale white sericite (?), and remaining mafic matrix from volcanics surrounding. Lower contact is marked by end of veining at ~65 DTCA.
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Mineralization

43.0-43.3: ~0.5% quartz-carbonate vein hosted Po

Alteration

43.0-43.3: Weak, patchy chlorite alteration

Structure

43.0-43.29: Veins; See major litho

43.29-43.3: Lower contact; Lower contact

43.3	44.23	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Breccia. Weakly foliated matrix (~75 DTCA), black/ dark green, patchy amygdule textures, green clasts up to ~5cm. Mineralogy difficult to determine based on fine grain size. Breccia clasts sub-angular to tabular in shape. Roughly 60% green wispy matrix. Disseminated Po mineralization in matrix at ~2-3% for interval. Quartz-carbonate vein hosted Py at ~0.01%. Lower contact is marked by end of breccia clasts, ~ 55-60 DTCA.
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Mineralization

43.3-45.7: ~0.5-1% quartz-carbonate vein hosted Po and ~0.5% quartz-carbonate vein hosted Py

Structure

43.3-44.22: breccia; See major litho

44.22-44.23: Lower contact; Lower contact ~60 DTCA

44.23	47.63	MV - Mafic Volcanics Mafic volcanic. Black, fine grained, massive with localized amygdule textures. Mineralogy difficult to determine based on fine grain size. Localized ~10-15cm breccia zones similar to other breccia units in the hole. Frequent quartz-carbonate stringers containing Po mineralization at ~2-3% for the unit. Weak patchy chlorite (actinolite b/c its hard?) alteration. Lower contact marked by the start of larger breccia zones, ~70-80 DTCA.
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Mineralization

43.3-45.7: ~0.5-1% quartz-carbonate vein hosted Po and ~0.5% quartz-carbonate vein hosted Py

45.7-47.47: ~1-2% po and ~0.5-1% Py hosted in quartz-carbonate veins

47.47-49.0: ~1-2% quartz-carbonate and foliation controlled po, and ~1% foliation controlled Py

Alteration

45.2-45.35: Weak, pervasive chlorite alteration

Structure

45.21-45.36: Veins; Off-white/yellow vein ~60 DTCA

46.1-46.22: breccia; Small breccia zone, gradational contact

47.62-47.63: Lower contact; Lower contact ~80 DTCA

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From	To	Lithology
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47.63 48.36 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Breccia. Similar to previous breccia unit from 43.3m-44.23m. Brown carbonate filling present in matrix surrounding clasts with Po and Py mineralization. Unit contains ~3-5% matrix controlled Po and 2-3% matrix hosted and quartz-carbonate vein hosted Py. Lower contact is marked by end of breccia with massive unit, ~ 70 DTCA.

Mineralization

47.47-49.0: ~1-2% quartz-carbonate and foliation controlled po, and ~1% foliation controlled Py

Structure

47.63-48.35: breccia; See major litho

48.35-48.36: Lower contact; Lower Contact ~70 DTCA

48.36 50.33 MV - Mafic Volcanics
 Mafic volcanic. Massive to locally weakly foliated, fine grained, grey green/black. Contains few minor up to 10cm brecciated zones, similar to breccia above. Mineralogy difficult to determine based on fine grain size. mm-scale quartz carbonate stringers at random orientations to CA. Po mineralization at ~0.1-0.5% quartz-carbonate vein hosted, up to 1% in small breccia zones. Py mineralization at 0.01-0.1% for the unit hosted in quartz-carbonate stringers. Lower contact is marked by brecciation start, ~65 DTCA.

Mineralization

47.47-49.0: ~1-2% quartz-carbonate and foliation controlled po, and ~1% foliation controlled Py

49.0-50.55: ~0.1-0.5% quartz-carbonate vein hosted Po and ~0.01% quartz-carbonate vein hosted Py

Structure

48.59-48.87: breccia; Two cm scale breccia zones

50.32-50.33: Lower contact; Lower contact ~65 DTCA

50.33 51.94 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Breccia. Fine grained, moderately/ moderately high actinolite (? green and hard) alteration, black green. Clasts are angular to sub-angular, black/green. Quartz-carbonate stringers following brecciation at ~70-80 DTCA. Globular ~5cm quartz vein near end of unit. Mineralization hosted in quartz-carbonate stringers and disseminated in matrix. Po ~1-2%, Py ~0.5-1%, Cpy ~0.01% matrix hosted. Lower contact is marked by end of brecciation.

Mineralization

49.0-50.55: ~0.1-0.5% quartz-carbonate vein hosted Po and ~0.01% quartz-carbonate vein hosted Py

50.55-55.0: ~0.1-1% quartz-carbonate and disseminated po, and ~0.1% quartz-carbonate vein hosted Py

Alteration

50.5-52.8: Moderate/strong, pervasive chlorite alteration

Structure

50.33-51.93: breccia; See major litho

51.93-51.94: Lower contact; Lower contact ~60 DTCA

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From	To	Lithology
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51.94 72.54 MV - Mafic Volcanics

Mafic volcanic. Grey black, massive with localized amygdule textures and localized cm scale brecciation, fine grained. Mineralogy difficult to determine based on fine grained. Few hard light green veins ~ parallel to core axis, along with mm scale yellow/peach sericite(?) carbonate(?) veins at ~40-55 DTCA. Localized weak pervasive chlorite and actinolite(? hard green?) alteration. Mineralization disseminated and locally hosted in small breccia areas. Po mineralization at ~0.01-0.1%, locally up to 0.5% disseminated and quartz-carbonate vein hosted. Py and Cpy quartz-carbonate vein hosted at ~0.01%, Py locally 0.5% vein hosted. Lower contact is marked by shear zone at ~55 DTCA.

Mineralization

- 50.55-55.0: ~0.1-1% quartz-carbonate and disseminated po, and ~0.1% quartz-carbonate vein hosted Py
- 58.8-59.0: ~0.5-1% foliation controlled Po
- 64.8-65.5: ~0.1% Py, ~0.01%Po, and ~0.01% Cpy hosted in quartz-carbonate veins
- 65.5-68.7: ~0.1% disseminated and fracture controlled Po, and ~0.1% quartz-carbonate vein hosted Py

Alteration

- 50.5-52.8: Moderate/strong, pervasive chlorite alteration
- 54.0-57.0: Weak, pervasive, chlorite alteration

Structure

- 66.79-66.96: breccia; Small breccia zone ~55 DTCA
- 72.53-72.54: Lower contact; Lower contact ~55 DTCA

72.54 74.68 SHR - Shearzone

Shear zone. Black grey with white, fine grained, mineralized. Shear is ~75-80 DTCA. Contains quartz-carbonate and actinolite(? hard green) veins following shear orientation. cm up to 10cm quartz veins. Quartz-carbonate vein hosted Po mineralization at ~1-2%. Lower contact is marked by the end of shear, ~80 DTCA.

Mineralization

- 72.54-74.7: ~1-3% foliation controlled Po

Structure

- 72.54-74.67: Shear; See major litho
- 73.82-73.9: Veins; ~8cm quartz-carbonate vein ~ 55 DTCA
- 74.08-74.18: Veins; ~10cm wide quartz carbonate vein ~55 DTCA
- 74.67-74.68: Lower contact; Lower contact ~80 DTCA

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From	To	Lithology
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74.68	78.45	MV - Mafic Volcanics Mafic volcanic. Fine grained, black/dark green, massive to localized zones of amygdule textures. Mineralogy difficult to determined due to fine grain size. Cross cutting quartz-carbonate stringers at ~55 DTCA. Mineralization lower in areas of higher amygdule texture. Po hosted in quartz-carbonate stringers at ~1% and locally up to 3% in dm scale breccia zone. Py ~0.01% along fracture faces. Lower contact is marked by start of brecciation.
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Mineralization

- 72.54-74.7: ~1-3% foliation controlled Po
- 74.7-76.9: ~0.01-0.1% quartz-carbonate vein hosted Po
- 76.9-78.45: ~0.1-1% quartz-carbonate vein hosted and disseminated Po

Alteration

78.0-82.8: Moderate, pervasive chlorite alteration, and weak/ moderate pervasive hematite alteration.

Structure

- 75.15-75.6: Foliation; Weak foliation
- 78.44-78.45: Lower contact; Lower contact ~55 DTCA

78.45	83.61	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Breccia. Fine grained, black green. Clasts of dark green vary in size from ~5cm at top of unit and gradationally decrease to ~0.5-1cm. Clasts are sub-angular to sub-rounded. Matrix is black with speckled grey (carbonate?). Red/pink alteration of clasts at 80m is only observed in this location. Weak foliation following quartz-carbonate stringers at ~ 40-60 DTCA (some off-white/yellow veins). Po mineralization at ~3-5%, locally up to 5-8% hosted in matrix and quartz-carbonate stringers. Py and Cpy mineralization hosted in quartz-carbonate stringers at ~0.01%. Lower contact is marked by gradational end of breccia.
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Mineralization

- 78.45-83.6: ~4-6% foliation controlled Po, ~0.1% quartz-carbonate vein hosted py, and ~0.01% quartz-carbonate vein hosted Cpy
- 83.6-87.6: ~0.01-0.1% quartz-carbonate vein hosted po and ~0.01% quartz-carbonate vein hosted Py

Alteration

78.0-82.8: Moderate, pervasive chlorite alteration, and weak/ moderate pervasive hematite alteration.

Structure

- 78.45-83.6: breccia; See major litho
- 83.6-83.61: Lower contact; Lower contact ~45 DTCA

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From	To	Lithology
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83.61 86.66 MV - Mafic Volcanics
 Mafic volcanic. Similar to previous unit at 74.68m-78.45m, except lacking high density amygdule textures. Sheared quartz-carbonate vein at 84.42m ~20 DTCA on lower contact and ~70 on top contact. Quartz-carbonate veins at ~65-80 DTCA. Po and Py mineralization hosted in quartz-carbonate stringers. Po ~0.1-0.5%, Py ~0.01-0.1%. Lower contact is marked by zone of breccia.

Mineralization

83.6-87.6: ~0.01-0.1% quartz-carbonate vein hosted po and ~0.01% quartz-carbonate vein hosted Py

Alteration

86.6-87.5: Weak, pervasive, chlorite alteration

Structure

84.42-84.51: Shear; Weak shear oblique to core axis

86.65-86.66: Lower contact; lower contact

86.66 87.53 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Breccia. Fine grained, cm scale dark green/black sub-rounded clasts. Off-white/yellow veining at ~65 DTCA in the matrix. Matrix is dark grey black with speckled grey (carbonate?). Po and Py quartz-carbonate vein hosted mineralization, Po ~0.5%, Py ~ 0.01-0.1%. Lower contact is marked by end of breccia ~75 DTCA.

Mineralization

83.6-87.6: ~0.01-0.1% quartz-carbonate vein hosted po and ~0.01% quartz-carbonate vein hosted Py

Alteration

86.6-87.5: Weak, pervasive, chlorite alteration

Structure

86.66-87.52: breccia; See major litho

87.52-87.53: Lower contact; Lower contact ~75 DTCA

87.53 94.26 MV - Mafic Volcanics
 Mafic volcanic. Massive with local mm scale amygdules, fine grained, black/dark green, weakly altered around 92m. Mineralogy difficult to determine based on grain size. Few brecciated cm scale quartz-carbonate, actinolite(?) off-white/yellow veins ~55 DTCA. White mm scale vein running parallel to core axis from 91.1m-91.8m. Po and Cpy hosted in quartz-carbonate stringers, Po ~0.1%, Cpy ~0.01%. Lower contact is marked by gradational brecciation.

Mineralization

83.6-87.6: ~0.01-0.1% quartz-carbonate vein hosted po and ~0.01% quartz-carbonate vein hosted Py

87.6-89.75: ~0.01% disseminated Po

89.75-91.2: ~0.01-0.1% quartz-carbonate vein hosted Po and ~0.01% quartz-carbonate vein hosted Py

91.2-102.0: ~0.01-0.1% quartz-carbonate vein hosted and disseminated Po, and ~0.01% quartz-carbonate vein hosted Py

Structure

94.25-94.26: Lower contact; Lower contact ~ 70 DTCA

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From	To	Lithology
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94.26	95.75	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Breccia. Similar to previous at 86.66m- 87.53m. Quartz-carbonate veins and off-white/yellow veins more abundant. Clasts are dark green/black, sub-angular to sub-rounded. Matrix is dark green with speckled grey (carbonate?). Po mineralization hosted in matrix at ~0.1-0.5%. Lower contact is marked by gradational end of brecciation.
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Mineralization

91.2-102.0: ~0.01-0.1% quartz-carbonate vein hosted and disseminated Po, and ~0.01% quartz-carbonate vein hosted Py

Structure

94.26-95.74: breccia; See major litho

95.74-95.75: Lower contact; Lower contact~80 DTCA

95.75	101.99	MV - Mafic Volcanics Mafic volcanic. Similar to unit 87.53m-94.26m. Fine grained, black green, cm scale zones of brecciation. Massive with weak amygdule textures. Disseminated and quartz-carbonate vein hosted Po ~0.1%.
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Mineralization

91.2-102.0: ~0.01-0.1% quartz-carbonate vein hosted and disseminated Po, and ~0.01% quartz-carbonate vein hosted Py

Structure

98.9-98.95: breccia; Small breccia zone

99.68-99.77: breccia; ~10cm wide minor breccia zone

101.99	102	
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Mineralization

91.2-102.0: ~0.01-0.1% quartz-carbonate vein hosted and disseminated Po, and ~0.01% quartz-carbonate vein hosted Py

Project: Shakespeare Property		Hole Number: MSP-21-02					
Drill Hole		Logging		Drilling		Coordinates	
Hole Type: DD	Core Location:	Logging Started: Jun-14-2021	Drilling Started: Jun-13-2021	Type:	Planned		
Hole Size: NQ	Claim Number:	Logging Completed: Jun-21-2021	Drilling Completed: Jun-20-2021	Grid:	NAD83 / UTM zone 17N		
Purpose: Exp	Planned Depth: 350	Logged By: G.Hamilton	Drilling Contractor: Gyllis	Easting:	440251		
Casing: Mt	Actual Depth: 351			Northing:	5132111		
				Elevation:	296		
Target: VTEM Plate							
Comments:							
From	To	Lithology					
0	1.5	OB - Overburden					
1.5	15	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Volcanic breccia. Consists of mm to cm-scale, subangular, fine-grained dark green-grey mafic volcanic fragments contained within a medium brown/green-grey, fine-grained matrix with abundant biotite. Matrix is hard - likely moderate, pervasive silicification. Mafic volcanic is weakly chloritized-parvasive. Some MV fragments display sub-cm scale white, rounded amygdules (quartz-carb). <1% cm-scale quartz-carbonate veining cuts unit ~50-60 DTCA. Disseminated Py occurs ~1-2% between 6-7m. Lower contact is gradational marked by appearance of foliation ~60 DTCA.					
Mineralization							
6.47-7.0: 1-2% disseminated pyrite with ~0.01% chalcopyrite							
12.1-12.15: 0.1% quartz-carbonate vein-hosted Py							
Alteration							
1.5-15.0: Moderate, pervasive silicification of breccia matrix and weak, pervasive chlorite alteration of mafic volcanic							
Structure							
14.99-15.0: Lower contact; Lower contact is gradational marked by appearance of foliation ~60 DTCA.							
15	15.35	SHR - Shearzone					
Sheared mafic volcanic. Moderately foliated ~45-60 DTCA. Moderate, pervasive chlorite and carbonate alteration. Unit is cut by <1% cm-scale quartz-carbonate veining parallel to foliation with ~0.1% Py. Lower contact is gradational marked by disappearance of foliation.							
Mineralization							
15.1-15.15: 0.1% quartz-carbonate vein-hosted Py							
Alteration							
15.0-15.35: Moderate, pervasive carbonate and chlorite alteration of shear							
Structure							
15.0-15.34: Shear; see major litho							
15.34-15.35: Lower contact; Lower contact is gradational marked by the disappearance of foliation ~45 DTCA.							

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From	To	Lithology
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15.35 37.4 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Similar to that described from 1.5-15m. No sulphides observed. Lower contact is gradational marked by appearance of foliation.

Alteration

15.35-37.4: Moderate, pervasive silicification of breccia matrix and weak, pervasive chlorite alteration of mafic volcanic

Structure

37.39-37.4: Lower contact; Lower contact is gradational marked by appearance of foliation ~45 DTCA.

37.4 37.95 SHR - Shearzone

Similar to that described from 15-15.35m. Foliation is moderately to strongly developed ~45 DTCA. Fabric appears kink banded/folded and appears to inflect ~37.75m - possible fold hinge(?). No sulphides observed. Lower contact is gradational marked by disappearance of foliation.

Alteration

37.4-37.95: Moderate, pervasive carbonate and chlorite alteration of shear

Structure

37.4-37.94: Shear; see major litho

37.94-37.95: Lower contact; Lower contact is gradational marked by the disappearance of foliation ~45 DTCA.

37.95 59 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Similar to that described from 1.5-15m. Lower contact is gradational marked by phasing out of brecciation.

Mineralization

45.0-52.0: ~2-3% disseminated to fracture-fill Po-Py

52.0-59.0: ~0.5-1.0% disseminated to fracture-fill Po-Py

Alteration

37.95-63.59: Moderate, pervasive silicification of breccia matrix and weak, pervasive chlorite alteration of mafic volcanic

Structure

37.95-58.99: breccia; See major litho

58.99-59.0: Lower contact; Lower contact is gradational marked by the decrease in breccia clasts

59 63.59 MV - Mafic Volcanics

Mafic volcanic. Dark grey-green, fine grained, non magnetic, massive with localized brecciation. Weak, pervasive chlorite alteration. Contains ~0.5% disseminated Po-Py locally. Lower contact is sharp marked by the appearance of varioles.

Mineralization

63.0-65.25: ~0.1-0.5% disseminated to fracture-fill Po

Alteration

37.95-63.59: Moderate, pervasive silicification of breccia matrix and weak, pervasive chlorite alteration of mafic volcanic

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From	To	Lithology
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63.59 72.73 MV - Mafic Volcanics
 Variolitic mafic volcanic. Dark grey-green, fine grained, non magnetic, massive. Contains 0.2-1cm light grey varioles. Weak, pervasive chlorite alteration. Unit contains ~0.5% disseminated Po-Py with up to 1-2% disseminated Cpy from 65.7-67.2m. Lower contact is gradational marked by the disappearance of varioles.

Mineralization

- 63.0-65.25: ~0.1-0.5% disseminated to fracture-fill Po
- 65.25-67.48: ~1-2% disseminated to fracture-fill Cpy, and ~0.1% disseminated Po
- 67.48-69.0: ~0.1% disseminated Cpy and ~0.5% disseminated Po
- 69.0-73.04: ~0.5% disseminated to fracture-fill Po

Alteration

63.59-75.0: Weak, patchy silicification of breccia zones matrix and weak, pervasive chlorite alteration of mafic volcanic

Structure

72.72-72.73: Lower contact; Lower contact is gradational

72.73 78 MV - Mafic Volcanics
 Similar to that described from 59-63.59m. Lower contact is gradational marked by the appearance of tan-green clasts.

Mineralization

- 69.0-73.04: ~0.5% disseminated to fracture-fill Po
- 73.04-74.0: ~2% disseminated to fracture-fill Po
- 74.0-83.0: ~1% disseminated to fracture-fill Po and 0.5% Py

Alteration

63.59-75.0: Weak, patchy silicification of breccia zones matrix and weak, pervasive chlorite alteration of mafic volcanic

78 82.95 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Volcanic breccia. Appears to be mafic volcanic matrix; dark green-grey, fine grained, non magnetic, massive. Clasts are angular, mm-cm scale and are tan-green in colour and hard - likely silicified+bleached mafic volcanic or chert. 1-2% disseminated to fracture-fill Po-Py. Weak, pervasive chlorite alteration. Lower contact is gradational marked by the disappearance of tan-green clasts.

Mineralization

- 74.0-83.0: ~1% disseminated to fracture-fill Po and 0.5% Py

Alteration

82.3-83.1: Weak/moderate chlorite alteration of fragments

Structure

- 78.0-82.94: breccia; See major litho
- 82.94-82.95: Lower contact; Lower contact marked by the gradational end of the breccia

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From	To	Lithology
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82.95	104	MV - Mafic Volcanics Similar to that described from 59-63.59m. Unit contains ~1% subrounded grains of Po - likely amygdules. Quartz-carbonate amygdules occur locally. Unit is cut by mm-scale fracture filling carbonate and 0.2-3cm quartz veins ~30-50 DTCA. Lower contact is gradational marked by the appearance of foliation ~30 DTCA.
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Mineralization

74.0-83.0: ~1% disseminated to fracture-fill Po and 0.5% Py
 83.0-104.0: ~0.5% disseminated to rounded amygdule's, and ~0.1% fracture controlled and quartz-carbonate vein hosted Py.

Alteration

82.3-83.1: Weak/moderate chlorite alteration of fragments

Structure

88.96-89.09: Veins; ~15cm quartz-carbonate vein at ~35DTCA
 90.5-91.0: Veins; ~2-3cm wide wispy off white/yellow/peach vein, possibly carbonate roughly parallel to core axis to ~40 DTCA.
 96.24-96.32: Veins; ~8cm wide quartz-carbonate vein ~35 DTCA
 103.99-104.0: Lower contact; Lower contact marked by the gradational start of foliation at ~30 DTCA

104	107.82	SHR - Shearzone Shear zone. Dark grey-green, fine grained, foliated ~30 DTCA, non-magnetic. Moderate pervasive chlorite alteration through the unit. Unit contains trace (0.01%) quartz-carbonate vein hosted Py following foliation. Lower contact is marked by start of quartz vein, ~35 DTCA.
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Alteration

104.0-108.0: Moderate, pervasive chlorite alteration of shear zone

Structure

104.0-107.86: Shear; See major litho

107.82	109.24	QV - Quartz vein Quartz vein. Massive, white grey intercalated with dark grey-green host mafic volcanic. Weak pervasive chlorite alteration of the mafic volcanics. Lower contact is marked by the end of the quartz vein, ~60 DTCA.
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Alteration

104.0-108.0: Moderate, pervasive chlorite alteration of shear zone

Structure

104.0-107.86: Shear; See major litho
 107.86-107.87: Lower contact; Lower contact marked by the start of quartz veining, ~ 3 DTCA
 107.87-109.23: Veins; See major litho
 109.23-109.24: Lower contact; Lower contact marked by the end of veining and start of foliation, ~60 DTCA

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From	To	Lithology
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109.24 114.57 SHR - Shearzone

Similar to that described from 104m-107.82m. Dark grey-green, fine grained, foliated at ~30-40 DTCA, non-magnetic. Lower contact is gradational and marked by the weakening of foliation, ~40 DTCA.

Mineralization

111.0-124.0: ~0.01% fracture controlled to disseminated Po-Py

Alteration

109.6-123.7: Moderate, pervasive chlorite alteration of shear and following

Structure

109.24-114.56: Shear; See major litho

114.56-114.57: Lower contact; Lower contact marked by the gradational end of shearing

114.57 148.76 MV - Mafic Volcanics

Mafic volcanic. Dark grey-green, fine grained, non-magnetic, massive to weakly foliated following the shear zone ~30 DTCA. Unit displays localized varioles ~0.1-0.5cm. Weak pervasive chlorite alteration. Contains cm-mm scale quartz-carbonate stringers following foliation at ~ 40-50 DTCA. 0.1% disseminated to fracture-fill Po+/-Cpy. Lower contact is sharp marked by transition in breccia.

Mineralization

111.0-124.0: ~0.01% fracture controlled to disseminated Po-Py

124.0-128.79: ~0.5% fracture-controlled and disseminated Po, and ~0.01% fracture-controlled Cpy

128.79-134.8: ~0.1-0.25% disseminated and fracture controlled Po

134.8-138.0: ~0.75% fracture-controlled Po and ~0.25% fracture-controlled Cpy

138.0-148.76: ~0.1% fracture-controlled Po

Alteration

109.6-123.7: Moderate, pervasive chlorite alteration of shear and following

123.7-148.76: Weak, patchy chlorite alteration

Structure

114.57-121.77: Foliation; Weak foliation at ~ 45 DTCA

148.75-148.76: Lower contact; Lower contact is sharp marked by transition in breccia.

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From	To	Lithology
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148.76	149.41	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Similar to that described from 78-82.95m. Disseminated Po occurs ~1.0%. Moderate, pervasive silicification. Lower contact is sharp ~40 DTCA.
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Mineralization

148.76-149.41: ~1% disseminated in matrix Po

Alteration

148.76-149.41: Weak, pervasive chlorite alteration and moderate, pervasive silicification

Structure

148.76-149.4: breccia; see major litho

149.4-149.91: Lower contact; Lower contact is sharp ~40 DTCA.

149.41	175	MV - Mafic Volcanics Similar to that described from 114.57-148.76m. Unit is cut by cm-scale breccia patches with angular, cm-scale, tan-green clasts and mafic volcanic fragments associated with silicified matrices and up to 1-2% disseminated Po. Lower contact is gradational marked by increasing abundance of carbonate-filled amygdules.
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Mineralization

149.41-164.76: ~0.1- 0.5% fracture-controlled Po

164.76-171.29: ~0.5% fracture-controlled Po

171.29-171.68: ~2-3% fracture-controlled Po

171.68-182.0: ~0.1-0.25% disseminated Po

Alteration

149.41-153.74: Weak, pervasive chlorite alteration

153.74-154.25: Weak, pervasive chlorite alteration and moderate, pervasive silicification

154.25-183.0: Weak, patchy chlorite alteration

Structure

149.4-149.91: Lower contact; Lower contact is sharp ~40 DTCA.

153.78-153.91: breccia; Two small patches of breccia with angular clasts of tan-green chert/silicified metavolcanic (?) with 0.5-1.0% disseminated Po

154.0-154.25: breccia; Breccia with angular clasts of tan-green chert/silicified metavolcanic (?) with 0.5-1.0% disseminated Po

171.27-171.52: breccia; Quartz-carbonate Breccia with angular clasts of mafic volcanic with 2-3% disseminated Po.

174.99-175.0: Lower contact; Lower contact is gradational marked by increasing abundance of carbonate-filled amygdules.

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From	To	Lithology
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175	183	MV - Mafic Volcanics Amygdaloidal mafic volcanic. Black-green, fine grained, non magnetic, weakly foliated ~35 DTCA. Amygdules increase in size downhole ranging from 0.1-2cm and are also stretched along the foliation. Amygdules are carbonate filled with localized Po infill; Po infill increases downhole. Chlorite alteration is weak and pervasive. Unit is cut by 0.1-1cm quartz-carbonate stringer (35-70 DTCA). Po occurs disseminated to foliation controlled ~0.5-1.0%. Lower contact is gradational marked by appearance of mafic volcanic fragments.
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Mineralization

171.68-182.0: ~0.1-0.25% disseminated Po

182.0-183.0: ~1% fracture controlled Po

Alteration

154.25-183.0: Weak, patchy chlorite alteration

Structure

177.0-180.0: Foliation

180.0-182.99: breccia

182.99-183.0: Lower contact; Lower contact is gradational marked by appearance of mafic volcanic fragments.

183	199.52	Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Similar to previous unit with abundant angular mafic volcanic fragments (0.1-5cm). Chlorite alteration is moderate and pervasive giving the unit a black-brown colour. Matrix is hard and moderately silicified with soft, chloritized mafic volcanic fragments. Unit displays variably developed foliation ranging from moderate to absent. Foliation ranges from 25-35 DTCA and amygdules locally appear to be oriented 35 DTCA and at 0 DTCA - possibly two foliations. Sulphides occur as foliation controlled and quartz-carbonate vein hosted Po ~1% Lower contact is irregular with underlying quartz veining.
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Mineralization

183.0-198.0: ~0.5-1% fracture controlled Po

198.0-201.87: ~1-2% quartz-carbonate vein hosted Po

Alteration

191.0-198.3: Weak, patchy chlorite alteration

198.3-199.5: Weak/moderate, patchy chlorite alteration

Structure

183.0-184.0: Foliation

184.0-187.0: breccia

187.0-188.0: Foliation; Foliation ranges from 35 DTCA and amygdules locally appear to be oriented 35 DTCA and at 0 DTCA - possibly two foliations.

188.0-191.0: breccia

196.0-199.51: Foliation; Foliation ranges from 25-35 DTCA

199.51-199.52: Lower contact; Lower contact gradational

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From	To	Lithology
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199.52 199.94 QCV - Quartz-carbonate Vein

Irregular quartz-carbonate veining. Consists of numerous cm-scale veins and one large vein ~30cm wide. Vein contains irregularly, elongate fragments of chloritized mafic volcanic oriented subparallel to vein wall - possibly crackseal texture. Quartz and carbonate have 'layered'-like to fibrous breccia texture throughout the vein. Sulphides occur as disseminated Po within wall rock fragments ~0.5%. Lower contact is sharp ~40 DTCA.

Mineralization

198.0-201.87: ~1-2% quartz-carbonate vein hosted Po

Structure

199.52-199.93: Veins; See major litho

199.93-199.94: Lower contact; Lower contact ~75 DTCA

199.94 204.24 MV - Mafic Volcanics

Mafic volcanic. Black green, fine grained, non-magnetic, weakly foliated at ~40 DTCA. Small cm scale quartz-carbonate stringers/veins following foliation. Weak pervasive chlorite alteration with localized weak silicification. Po mineralization is ~5% disseminated. Lower contact is marked by start of quartz vein at ~25 DTCA.

Mineralization

198.0-201.87: ~1-2% quartz-carbonate vein hosted Po

201.87-204.2: ~5% disseminated Po

204.2-204.5: ~2% quartz-carbonate vein hosted Po and ~1% quartz-carbonate vein hosted Sph

Alteration

204.2-206.55: Moderate, pervasive carbonate alteration & weak, pervasive chlorite alteration

Structure

199.94-202.66: Foliation; Foliation

202.66-202.76: Veins; ~10cm wide quartz-carbonate vein

202.76-204.23: Foliation; Foliation ranges from 45-55 DTCA

204.23-204.24: Lower contact; Lower contact ~25 DTCA

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From	To	Lithology
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204.24	206.55	QCV - Quartz-carbonate Vein Irregular quartz-carbonate vein. Consists of large dm scale portions of white, grainy carbonate with fragmental white/grey quartz. Fragments are elongated and angular quartz. ~2% vein hosted Po and ~1% vein hosted Sph (shiny, dark blood red). Lower contact is gradational marked by the decrease in veining ~ parallel to core axis.
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Mineralization

204.2-204.5: ~2% quartz-carbonate vein hosted Po and ~1% quartz-carbonate vein hosted Sph
 204.5-212.8: ~3-5% disseminated Po

Alteration

204.2-206.55: Moderate, pervasive carbonate alteration & weak, pervasive chlorite alteration

Structure

204.24-206.54: Veins; See major litho
 206.54-206.55: Lower contact; Lower contact ~10-20 DTCA

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From	To	Lithology
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206.55 230.35 MV - Mafic Volcanics

Mafic volcanic. Black green, fine grained, weakly foliated (~45 DTCA) to massive, non-magnetic. Localized dm scale quartz-carbonate veins. Weak pervasive chlorite alteration to localized moderate chlorite alteration. Po mineralization ~3-5% disseminated and fracture fill. From 220-222m ~10% fracture-fill and disseminated Po, plus ~218.5- 222.5m ~0.01% disseminated Cpy. Lower contact is marked by increased foliation and quartz veining, ~ 45-55 DTCA.

Mineralization

- 204.5-212.8: ~3-5% disseminated Po
- 212.8-217.1: ~2-3% fracture-controlled Po
- 217.1-220.0: ~3% disseminated Po
- 220.0-222.05: ~10% fracture-controlled and disseminated Po, and ~0.01% fracture-controlled Cpy
- 222.05-228.3: ~0.5-1% disseminated Po
- 228.3-229.4: ~1% disseminated Po
- 229.4-237.44: ~0.5% disseminated Po, and ~0.01% disseminated Cpy

Alteration

222.2-237.0: Weak/moderate, pervasive chlorite alteration

Structure

- 207.96-208.2: Veins; ~25cm wide quartz-carbonate vein at ~30 DTCA
- 208.71-208.82: Veins; ~10cm wide quartz-carbonate vein at ~40 DTCA.
- 208.82-222.55: Foliation; Foliation ranges from ~35-55 DTCA
- 222.55-222.8: Veins; ~25cm quartz-carbonate vein at ~25-30 DTCA
- 222.8-227.27: Foliation; Foliation ranging from ~35-65 DTCA
- 227.27-227.6: Veins; ~30cm quartz-carbonate vein at ~ perpendicular to core axis
- 227.6-230.34: Foliation; Foliation ranging from ~35-45 DTCA
- 230.34-230.35: Lower contact; Lower contact ~55 DTCA

230.35 232.64 QV - Quartz vein

Quartz vein. Mottled to brecciated, white to white/grey. Contains a fine chloritic laminae, ~3-5% disseminated Po and ~0.01% disseminated Cpy. Lower contact is marked by end of veining, ~30 DTCA.

Mineralization

- 229.4-237.44: ~0.5% disseminated Po, and ~0.01% disseminated Cpy

Alteration

222.2-237.0: Weak/moderate, pervasive chlorite alteration

Structure

- 230.35-232.63: Veins; See major litho
- 232.63-232.64: Lower contact; Lower contact ~30 DTCA

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From	To	Lithology
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232.64 243.35 MV - Mafic Volcanics

Mafic volcanic. Dark green to black, fine grained, massive to weakly foliated, containing cm-scale quartz carbonate veins. Weak/moderate to moderate pervasive chlorite alteration. Local brecciation on dm scale between 240m-242.2m. ~1% disseminated to fracture-controlled Po and ~0.01% fracture controlled Cpy. Lower contact is marked by gradation into quartz vein.

Mineralization

229.4-237.44: ~0.5% disseminated Po, and ~0.01% disseminated Cpy

237.44-242.9: ~1-2% disseminated Po

242.9-247.9: ~0.5% disseminated Po

Alteration

222.2-237.0: Weak/moderate, pervasive chlorite alteration

237.0-259.81: Moderate, pervasive chlorite alteration

Structure

232.64-240.79: Foliation; Foliation ranging from ~30-50 DTCA

240.79-240.86: Foliation; ~7cm quartz-carbonate vein at ~ 40 DTCA

243.34-243.35: Lower contact; Lower contact ~70 DTCA

243.35 244.4 QV - Quartz vein

Quartz vein. Irregular, white to white/grey. Similar to previous vein at 230.35m-232.64m. ~0.5% disseminated to vein hosted Po. Chloritic laminae flowing around quartz veins. Lower contact is marked by end of veining, ~ perpendicular to core axis.

Mineralization

242.9-247.9: ~0.5% disseminated Po

Alteration

237.0-259.81: Moderate, pervasive chlorite alteration

Structure

243.35-244.39: Veins; See major litho

244.39-244.4: Lower contact; Lower contact

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From	To	Lithology
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244.4 252.66 MV - Mafic Volcanics
 Similar to previous unit at 232.64m-243.35m. Dark green, fine grained, weak pervasive chlorite alteration. ~0.5% disseminated Po. Lower contact is marked by gradational increase in foliation to a quartz vein, ~45 DTCA

Mineralization

242.9-247.9: ~0.5% disseminated Po
 247.9-257.6: ~0.1-0.5% disseminated Po

Alteration

237.0-259.81: Moderate, pervasive chlorite alteration

Structure

251.25-251.37: Veins; ~12cm wide quartz carbonate vein at ~55 DTCA
 251.51-251.61: Veins; ~10cm wide quartz-carbonate vein at ~60 DTCA
 252.65-252.66: Lower contact; Lower contact at ~45 DTA

252.66 253.3 QV - Quartz vein
 Similar to previous vein from 243.35m-244.4m. Irregular dark grey/blue quartz vein. Weak chlorite laminae between quartz with weak/moderate chlorite alteration of host rock. ~0.5-1% disseminated Po. Lower contact is marked by end of veining, ~ 65 DTCA.

Mineralization

247.9-257.6: ~0.1-0.5% disseminated Po

Alteration

237.0-259.81: Moderate, pervasive chlorite alteration

Structure

252.66-253.29: Veins; See major litho
 253.29-253.3: Lower contact; Lower contact ~65 DTCA

253.3 255.7 MV - Mafic Volcanics
 Mafic volcanic. Dark green to black, fine grained, foliated ~55 DTCA, non-magnetic. Localized weak brecciation occurs containing black angular clasts. Weak/moderate pervasive chlorite alteration. ~0.01-0.1% disseminated Po following foliation. Lower contact is marked by the gradational increase in brecciation.

Mineralization

247.9-257.6: ~0.1-0.5% disseminated Po

Alteration

237.0-259.81: Moderate, pervasive chlorite alteration

Structure

253.3-255.69: Foliation; Foliation ~55 DTCA
 255.69-255.7: Lower contact; Lower contact gradational

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From	To	Lithology
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255.7	260.64	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Breccia. Weak brecciation of mafic volcanic rock. Fragments are black, fine grained, sub-angular to sub-rounded following foliation ~55 DTCA. Matrix is dark green to black, fine grained. Density of brecciation changes as the entire unit is not brecciated, but multiple large breccia zones are grouped together. Po mineralization is ~0.5-1% disseminated. Lower contact is marked by end of breccia.</p>
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Mineralization

- 247.9-257.6: ~0.1-0.5% disseminated Po
- 257.6-259.5: ~0.5% disseminated Po
- 259.5-261.6: ~0.01-0.1% disseminated Po

Alteration

- 237.0-259.81: Moderate, pervasive chlorite alteration
- 259.81-261.5: Weak, pervasive chlorite alteratio

Structure

- 255.7-260.63: breccia; See major litho
- 260.63-260.64: Lower contact; Lower contact gradational

260.64	275.91	<p>MV - Mafic Volcanics Mafic volcanic. Fine grained, black to black/green, massive to weakly brecciated with localized amygdule textures, non-magnetic. Contains localized cm-scale quartz-carbonate veins and vein clusters (weakly developed shear?? 272.53m-272.78m). Po mineralization disseminated at 0.5%, with ~0.01% quartz-carbonate vein hosted Cpy from 266m-267m. Lower contact is marked by start of shear zone, ~60 DTCA.</p>
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Mineralization

- 259.5-261.6: ~0.01-0.1% disseminated Po
- 261.6-263.0: ~0.5-1% disseminated Po
- 263.0-267.0: ~0.1% disseminated Po and ~0.01% quartz-carbonate vein hosted Cpy
- 267.0-283.4: ~0.1% disseminated Po

Alteration

- 259.81-261.5: Weak, pervasive chlorite alteratio
- 275.2-276.9: Weak, pervasive chlorite alteration

Structure

- 272.53-272.78: Shear; Shear at ~45 DTCA, weakly developed
- 275.9-275.91: Lower contact; Lower contact ~60 DTCA

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From	To	Lithology
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275.91 276.93 QV - Quartz vein
 SHEAR, not a vein. Weakly sheared ~55 DTCA. Contains clasts of black, fine grained mafic volcanic rock, and quartz-carbonate veins with blue carbonate halos around quartz. Lower contact is marked by the gradational end of foliation.

Mineralization

267.0-283.4: ~0.1% disseminated Po

Alteration

275.2-276.9: Weak, pervasive chlorite alteration

Structure

275.91-276.92: Shear; See major litho

276.92-276.93: Lower contact; Lower contact ~40 DTCA.

276.93 281.02 MV - Mafic Volcanics
 Similar to mafic volcanic from 260.64m-275.91m. Mafic volcanic, massive to weakly brecciated, non-magnetic, fine grained, black to black green. Weak silicification of some clasts. Increased quantity of wispy quartz-carbonate stringers near of unit towards QV. ~0.01-0.1% disseminated Po. Lower contact is marked by the start of quartz vein, ~45 DTCA.

Mineralization

267.0-283.4: ~0.1% disseminated Po

Alteration

279.6-281.91: Moderate to moderate/strong carbonate alteration

Structure

280.0-281.0: Veins; mm-cm scale wispy quartz-carbonate veins/stringers ~70-80 DTCA

281.02 281.91 QCV - Quartz-carbonate Vein
 Quartz-carbonate vein. Massive, fine grained, white/blue quartz with inclusions of black host rock and silicified host fragments. ~0.1-0.5% disseminated and quartz-carbonate vein hosted Po. Lower contact is sharp, marked by end of the vein at ~80 DTCA.

Mineralization

267.0-283.4: ~0.1% disseminated Po

Alteration

279.6-281.91: Moderate to moderate/strong carbonate alteration

Structure

281.02-281.9: Veins; See major litho

281.9-281.91: Lower contact; Lower contact ~80 DTCA

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From	To	Lithology
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281.91	290.55	<p>Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix Breccia. Dark black, fine grained, weakly brecciated, non-magnetic. Clasts are black, sub-rounded to sub-angular mafic volcanic and silicified pale yellow and grey/blue carbonate clasts. Matrix is fine grained, black/green, weak pervasive chlorite altered. Contains ~0.01% disseminated to quartz-carbonate vein hosted Cpy, and ~0.1% disseminated Po. Local Po up to 1% disseminated from 283m-284m with 0.01% disseminated Cpy. Lower contact is marked by start of quartz-carbonate vein, ~55 DTCA.</p>
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Mineralization

267.0-283.4: ~0.1% disseminated Po
 283.4-285.3: ~1% disseminated Po and ~0.01% disseminated Cpy
 285.3-293.0: ~0.1% disseminated Po

Structure

281.91-290.54: breccia; See major litho
 290.54-290.55: Lower contact; Lower contact ~55 DTCA

290.55	290.94	<p>QCV - Quartz-carbonate Vein Quartz-carbonate vein. Similar to the vein mentioned 281.02m -281.91m. Contains white/blue quartz carbonate, and off-white/yellow silicified ?quartz? ~0.01-0.1% vein hosted Po. Lower contact is sharp, marked by end of vein at ~40 DTCA.</p>
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Mineralization

285.3-293.0: ~0.1% disseminated Po

Alteration

290.55-290.95: Moderate siliceous alteration

Structure

290.55-290.93: Veins; See major litho
 290.93-290.94: Lower contact; Lower contact ~40 DTCA

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From	To	Lithology
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290.94 296.87 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Breccia. Similar to unit 281.91m-290.55m. Contains localized amygdule texture in locations with faint brecciation. Weakly developed shear from 293.62m-293.86m. Breccia fragments are of host mafic volcanic and silicified fragments. ~0.1% disseminated Po and ~0.01% disseminated Cpy. Lower contact is marked by the gradational end of breccia fragments, ~55 DTCA.

Mineralization

285.3-293.0: ~0.1% disseminated Po
 293.0-293.6: ~0.01% disseminated PoCpy
 293.6-297.0: ~0.1% disseminated Po, and ~0.01% disseminated PyCpy

Alteration

290.55-290.95: Moderate siliceous alteration

Structure

293.62-293.86: Shear; weakly developed shear ~65 DTCA
 296.75-296.86: Veins; Quartz-carbonate vein ~60 DTCA
 296.86-296.87: Lower contact; Lower contact ~60 DTCA

296.87 309 MV - Mafic Volcanics
 Mafic volcanic. Black to black/green, weakly brecciated to massive, fine grained, non-magnetic. Contains fragments of cm-scale carbonate, cm-mm scale mafic volcanic fragments (brecciated, sub-angular to sub-rounded). Weak patchy chlorite alteration of fragments. Localized clusters of quartz-carbonate veins, localized amygdule textures, and weakly developed shear from 306.57m-306.81m. ~0.01-0.1% disseminated Po. Lower contact is gradational marked by increased brecciation.

Mineralization

293.6-297.0: ~0.1% disseminated Po, and ~0.01% disseminated PyCpy
 297.0-306.0: ~0.1% disseminated Po
 306.0-307.0: ~0.1% disseminated Po and ~0.01% disseminated Cpy
 307.0-309.0: ~0.01% disseminated Po

Alteration

299.75-300.0: Weak/moderate carbonate alteration
 301.0-309.0: Weak, patchy chlorite alteration

Structure

299.76-300.12: Veins; mm-cm scale irregular wispy quartz-carbonate stringers
 305.57-305.81: Shear; Weakly developed shear ~40 DTCA
 308.99-309.0: Lower contact; Lower contact is gradational marked by increased brecciation

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From	To	Lithology
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309 311.4 Structural breccia - Generic for structure related breccias
 Brecciated Mafic Volcanic - likely hydrothermal breccia. Mafic volcanic is highly fractured with quartz-carbonate fill (<10% matrix). Unit begins with patchy brecciation, becomes pervasive, and grades back out to patchy towards lower contact. Weak, patchy chlorite alteration. Sulphides occur as fracture-filling to disseminated Po+/-Py ~0.5-1.0%. Lower contact is gradational marked by decreased brecciation.

Mineralization

309.0-311.4: ~0.5% fracture-controlled Po associated with quartz-carbonate breccia

Alteration

309.0-311.0: Weak-moderate, patchy quartz-carbonate breccia fill with weak, patchy chlorite alteration

311.0-317.69: Weak, patchy chlorite alteration

Structure

309.0-311.39: breccia; see major litho

311.39-311.4: Lower contact; Lower contact is gradational marked by decreased brecciation

311.4 317.69 MV - Mafic Volcanics
 Mafic volcanic. Black to black/green, fine grained, non-magnetic, massive with localized breccia patches, locally up to 5-10%, 1-4mm quartz-carbonate amygdules. Weak patchy chlorite alteration. Unit is cut by 0.1-1cm quartz-carbonate veins ~15-80 DTCA. ~0.1% disseminated Po; locally up to 0.5%. Lower contact is sharp and irregular with underlying breccia.

Mineralization

311.4-317.69: ~0.1% disseminated Po

Alteration

311.0-317.69: Weak, patchy chlorite alteration

Structure

317.68-317.69: Lower contact; Lower contact is sharp and irregular with underlying breccia unit.

317.69 319.43 Magmatic breccia - Section containing clasts of other lithologies displaying varying amounts of alteration and assimilation into matrix
 Hydrothermal breccia (?). Consists of ~40% quartz-carbonate matrix with cm-scale, subangular fragments of mafic volcanic. Locally displays weak foliation ~30 DTCA. Mafic volcanic fragments are weakly, pervasively chloritized. Disseminated Po occurs ~1% throughout matrix and wall rock fragments with ~0.01% Cpy. Lower contact is sharp ~35 DTCA.

Mineralization

317.69-319.43: 1% disseminated Po and ~0.01% disseminated Cpy

Alteration

317.69-319.43: Moderate-strong, patchy quartz-carbonate breccia fill with weak, pervasive chlorite alteration

Structure

317.69-319.42: breccia; see major litho

319.42-319.43: Lower contact; Lower contact is sharp ~35 DTCA.

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319.43	351	MV - Mafic Volcanics Similar to that described from 311.4-317.69m. Contains 1-4mm quartz-carbonate amygdules. Locally appears pillowed (i.e., 328.5-329.5m); amygdules occur concentrated and larger along pillow margin. Pillows appear to be oriented ~10 DTCA. Unit contains disseminated Po ~0.01% and quartz-carbonate hosted Po-Cpy ~0.01%. Quartz-carbonate veins (0.1-3cm) occur ~15-65 DTCA. EOH
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Mineralization

- 321.0-324.0: 0.5% disseminated Po and 0.01% quartz-carbonate vein hosted Cpy
- 324.0-330.25: 0.01% disseminated Po and 0.01% quartz-carbonate vein hosted Cpy
- 330.25-330.4: ~3% quartz-carbonate vein hosted Po
- 330.4-349.0: 0.1% quartz-carbonate vein hosted Po and 0.01% Cpy

Alteration

319.43-351.0: Weak, patchy chlorite alteration

Structure

330.25-330.37: Veins; Quartz-carbonate-chlorite vein ~40 DTCA with ~3% Po

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Drill Hole		Logging	Drilling
Hole Type: DD	Core Location:	Logging Started: Jun-22-2021	Drilling Started: Jun-21-2021
Hole Size: NQ	Claim Number:	Logging Completed: Jun-25-2021	Drilling Completed: Jun-24-2021
Purpose: Exp	Planned Depth: 198	Logged By: G.Hamilton and C.Caskenette	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 198		
Coordinates			
		Type: Planned	
		Grid: NAD83 / UTM zone 17N	
		Easting: 439906	
		Northing: 5131908	
		Elevation: 296	

Target:

Comments:

From	To	Lithology
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0	2.8	OB - Overburden Casing
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2.8	24.12	MV - Mafic Volcanics Mafic Volcanic. Dark grey-green, fine grained, non magnetic, massive mafic volcanic. Unit is cut by 1-10cm wide quartz-carbonate veins ~25 DTCA. No sulphides observed. Lower contact is sharp and irregular.
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Structure

18.64-18.8: Veins; ~15 cm wide quartz vein ~30 DTCA
24.11-24.12: Lower contact; Lower contact is sharp and irregular.

24.12	25	FV - Felsic Volcanics Unknown rock. Possibly felsic volcanic or quartz porphyry. Tan-light green in colour, fine grained, non magnetic, massive to weakly foliated. Contains 1-2mm grains of blue quartz (?) and consists largely of sericite-chlorite - rock is soft. Sericite alteration is moderate and pervasive with weak, pervasive chlorite. No sulphides observed. Lower contact is gradational marked by increasing foliation strength.
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Alteration

24.12-29.09: Moderate-strong, pervasive sericite and weak, pervasive chlorite alteration

Structure

24.99-25.0: Lower contact; Lower contact is gradational marked by increasing foliation strength.

25	25.77	SHR - Shearzone Weakly developed shear. Foliation is weakly-moderately developed ~50-60 DTCA. Sericite alteration is moderate and pervasive with weak, pervasive chlorite. No sulphides observed. Lower contact is gradational marked by decreasing foliation strength.
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Alteration

24.12-29.09: Moderate-strong, pervasive sericite and weak, pervasive chlorite alteration

Structure

25.0-25.76: Shear; see major litho
25.76-25.77; Lower contact is gradational marked by decreasing foliation strength.

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25.77 29.09 FV - Felsic Volcanics
 Similar to that described from 24.12-25m. No sulphides observed. Lower contact is sharp and brecciated ~75 DTCA.

Alteration

24.12-29.09: Moderate-strong, pervasive sericite and weak, pervasive chlorite alteration

Structure

29.08-29.09: Lower contact; Lower contact is sharp ~75 DTCA.

29.09 32.68 MV - Mafic Volcanics
 Mafic Volcanic. Dark green, fine grained, non magnetic, massive mafic volcanic. Contains localized sections of 1-3mm quartz-carbonate amygdules. Unit is cut by 0.1-2cm wide quartz-carbonate veins ~15-50 DTCA. Chlorite alteration is moderate and pervasive. Po occurs within fractures and quartz-carbonate veinlets ~0.1%. Lower contact is sharp marked by start of brecciation.

Mineralization

30.0-31.5: ~0.5% quartz-carbonate vein hosted Po

Alteration

29.09-32.68: Moderate-strong, pervasive chlorite alteration

Structure

32.67-32.68: Lower contact; Lower contact is sharp marked by start of brecciation

32.68 33.6 VBX - Volcanic Breccia
 Breccia - possibly volcanic breccia. Contains subangular fragments of mafic volcanic with a chloritized and carbonate altered, fine grained matrix. No sulphides observed. Lower contact is sharp marked by end of brecciation.

Alteration

32.68-33.6: Moderate, pervasive chlorite and carbonate alteration

Structure

32.68-33.59: breccia; see major litho

33.59-33.6: Lower contact; Lower contact is sharp marked by end of brecciation.

33.6 37.1 MV - Mafic Volcanics
 Amygdaloidal mafic volcanic. Black-green, fine grained, non magnetic, amygdaloidal mafic volcanic. Chlorite and carbonate alteration is moderate and patchy. No sulphides observed. Lower contact is sharp with underlying breccia.

Alteration

33.6-37.1: Weak-moderate, patchy carbonate alteration

Structure

37.09-37.1: Lower contact; Lower contact is sharp with underlying breccia.

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37.1 37.72 HBX - Hydrothermal Breccia
 Breccia. Contains subangular fragments of mafic volcanic surrounded by a carbonate matrix. No sulphides observed. Lower contact is sharp marked by end of brecciation.

Alteration

37.1-37.72: Moderate, pervasive carbonate alteration

Structure

37.1-37.71: breccia; see major litho

37.71-37.72: Lower contact; Lower contact is sharp marked by end of brecciation.

37.72 52.85 MV - Mafic Volcanics
 Similar to that described from 33.6-37.1m. Contains localized patches of brecciation. Carbonate alteration is weak-moderate and patchy throughout. Po occurs disseminated ~0.1% with up to 1% at the decimeter scale associated with 0.01% Cpy. Lower contact is sharp ~10 DTCA.

Mineralization

47.0-49.5: 1-2% disseminated Po with 0.01% disseminated Cpy

49.5-52.8: ~0.1% disseminated Po

52.8-53.8: ~0.1% quartz vein hosted Po

Alteration

37.72-46.0: Weak, patchy carbonate alteration

Structure

52.84-52.85: Lower contact; Lower contact is sharp ~10 DTCA

52.85 53.7 QV - Quartz vein
 Quartz Vein. Light grey to white, massive quartz vein with 0.1% Po along fractures within vein but occurs up to 1% at the decimeter scale. Chlorite also occurs as vein parallel laminae. Lower contact is sharp ~20 DTCA.

Mineralization

52.8-53.8: ~0.1% quartz vein hosted Po

Alteration

52.85-66.0: Weak, patchy carbonate alteration

Structure

52.85-53.69: Veins; see major litho

52.85-53.7: Lower contact; Lower contact is sharp ~20 DTCA

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53.7 66 HBX - Hydrothermal Breccia

Breccia. Contains subangular fragments of mafic volcanic surrounded by a quartz-carbonate matrix. Brecciation is patchy throughout interval and is clast dominated. Sulphides occur as disseminated and quartz-carbonate vein hosted Po ~0.1% with 0.01% Cpy. Lower contact is sharp marked by end of brecciation.

Mineralization

52.8-53.8: ~0.1% quartz vein hosted Po

53.8-54.8: ~0.5% disseminated Po

54.8-68.2: ~0.1% disseminated Po

Alteration

52.85-66.0: Weak, patchy carbonate alteration

Structure

53.7-65.99: breccia; see major litho

65.99-66.0: Lower contact; Lower contact is sharp marked by end of brecciation.

66 68.1 MV - Mafic Volcanics

Similar to that described from 33.6-37.1m. Contains localized patches of brecciation. Lower contact is sharp ~15 DTCA.

Mineralization

54.8-68.2: ~0.1% disseminated Po

Structure

68.09-68.1: Lower contact; Lower contact is sharp ~15 DTCA

68.1 70 QV - Quartz vein

Similar to that described from 52.85-53.7m. ~0.1% Po contained within fractures within vein. Lower contact is sharp ~25 DTCA.

Mineralization

54.8-68.2: ~0.1% disseminated Po

68.2-70.0: ~0.1% quartz vein hosted Po

Structure

68.1-69.99: Veins; see major litho

69.99-70.0: Lower contact; Lower contact is sharp ~25 DTCA

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From	To	Lithology
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70 76.81 MV - Mafic Volcanics
 Similar to that described from 33.6-37.1m. Unit is weakly foliated ~35-40 DTCA. Quartz-carbonate vein hosted Cpy occurs ~0.1%. Lower contact is gradational marked by increasing foliation strength ~35 DTCA.

Mineralization

70.0-72.0: ~0.1% quartz vein hosted Cpy

Alteration

71.0-76.81: Weak, patchy chlorite alteration

Structure

74.0-76.8: Foliation

76.8-76.81: Lower contact; Lower contact is gradational marked by increasing foliation strength ~35 DTCA.

76.81 77.18 SHR - Shearzone
 Sheared Mafic Volcanic. Weakly to moderately developed shear ~35-40 DTCA. Moderate pervasive chlorite alteration with weak-moderate quartz-carbonate flooding. Lower contact is sharp and irregular with underlying quartz vein.

Alteration

76.81-77.18: Moderate, pervasive chlorite alteration associated with shear

Structure

76.81-77.17: Shear; see major litho

77.17-77.18: Lower contact; Lower contact is sharp and irregular with underlying quartz vein.

77.18 77.47 QV - Quartz vein
 Mineralized Quartz Vein. Light grey to white, laminated quartz vein with ~8-10% Cpy. Contains chloritized wall rock septa parallel to vein wall - crack-seal texture. Cpy occurs as large blebs towards middle of vein and as small disseminations along wall rock septa. Lower contact is sharp ~65 DTCA.

Mineralization

77.18-77.47: ~8-10% quartz vein hosted Cpy

Structure

77.18-77.46: Veins; see major litho

77.46-77.47: Lower contact; Lower contact is sharp ~65 DTCA.

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77.47 78.17 SHR - Shearzone

Same unit as described from 77.47-78.17m. Unit contains ~0.5% foliation controlled Po. Lower contact is gradational marked by decreasing foliation strength ~55 DTCA.

Mineralization

77.47-78.27: ~1% foliation controlled Po and 0.1% quartz-carbonate vein hosted Cpy

Alteration

77.47-78.17: Moderate, pervasive chlorite alteration associated with shear

Structure

77.47-78.16: Shear; see major litho

78.16-78.17: Lower contact; Lower contact is gradational marked by decreasing foliation strength ~55 DTCA.

78.17 85 VBX - Volcanic Breccia

Mafic Volcanic Breccia. Black-green, fine grained, non magnetic breccia. Matrix and fragments appear to mafic volcanic. Breccia is weakly-moderately foliated ~40 DTCA , possibly flow banded. Fragments are cm-scale and are subangular. Chlorite alteration is moderate and patchy, concentrated within breccia fragments. Interval contains ~0.5% disseminated Po; up to 1% locally. Lower contact is gradational marked by disappearance of pervasive brecciation.

Mineralization

77.47-78.27: ~1% foliation controlled Po and 0.1% quartz-carbonate vein hosted Cpy

80.5-81.5: 0.01% quartz-carbonate vein hosted Cpy

82.3-87.5: ~1% disseminated Po

Alteration

78.17-100.25: Weak, patchy chlorite alteration

Structure

78.17-84.99: breccia; see major litho

84.99-85.0: Lower contact; Lower contact is gradational marked by disappearance of pervasive brecciation.

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85 100.25 MV - Mafic Volcanics
 Similar to that described from 33.6-37.1m. Interval is weakly foliated ~50 DTCA. Unit is cut by 0.1-10cm quartz-carbonate veins ~15-50 DTCA. Contains ~0.1% disseminated Po, up to 0.5% locally. Lower contact is gradational marked by appearance of pervasive brecciation.

Mineralization

- 82.3-87.5: ~1% disseminated Po
- 89.0-91.5: 0.01% quartz-carbonate vein hosted Po-Cpy
- 94.3-96.3: ~0.5% disseminated Po
- 96.3-101.0: ~0.1% disseminated Po

Alteration

78.17-100.25: Weak, patchy chlorite alteration

Structure

- 88.0-91.0: Foliation
- 91.05-91.2: Veins; 15cm wide quartz vein ~80-90 DTCA with ~0.5% Cpy
- 100.24-100.25: Lower contact; Lower contact is gradational marked by appearance of pervasive brecciation.

100.25 107.3 VBX - Volcanic Breccia
 Similar to that described from 78.17-85m. Chlorite alteration is moderate and patchy with weak, patchy carbonate alteration. Lower contact is gradational marked by disappearance of pervasive brecciation.

Mineralization

- 96.3-101.0: ~0.1% disseminated Po
- 106.8-110.2: ~0.01% disseminated Po

Alteration

100.25-107.3: Chlorite alteration is moderate and patchy with weak, patchy carbonate alteration.

Structure

- 100.25-107.29: breccia; see major litho
- 107.29-107.3: Lower contact; Lower contact is gradational marked by disappearance of pervasive brecciation.

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107.3 122.35 MV - Mafic Volcanics
 Mafic volcanic. Dark green-grey, fine grained, non magnetic, massive mafic volcanic. Weak-moderate, patchy and sericite alteration. Contains ~0.1% disseminated Po, up to 0.5% locally with 0.01% quartz-carbonate hosted Cpy. Unit is crosscut by 0.1-20 cm quartz-carbonate veins ~15-70 DTCA. Lower contact is gradational marked by increasing foliation strength ~45 DTCA.

Mineralization

- 106.8-110.2: ~0.01% disseminated Po
- 110.2-112.4: ~1% disseminated Po and ~0.01% Cpy
- 120.1-120.5: ~1% quartz-carbonate vein hosted Po

Alteration

- 113.5-125.0: Moderate, pervasive chlorite alteration

Structure

- 118.61-118.83: Veins; ~20cm quartz vein, ~45 DTCA
- 122.34-122.35: Lower contact; Lower contact ~45 DTCA

122.35 123.17 SHR - Shearzone
 Sheared Mafic Volcanic. Weakly-moderately foliated ~45 DTCA. Moderate, pervasive chlorite. No sulphides observed. Lower contact is sharp ~60 DTCA.

Mineralization

- 123.0-124.9: ~0.01% disseminated Po

Alteration

- 113.5-125.0: Moderate, pervasive chlorite alteration

Structure

- 122.35-123.17: Shear; Shear zone, ~ 45-60 DTCA

123.17 123.3 FLT - Fault
 Fault/damage zone. 2-4mm clay-rich gouge along fracture ~50-60 DTCA associated with fracture-fill Po. Lower contact is sharp ~50 DTCA marked by grading out of tightly spaced fractures.

Mineralization

- 123.0-124.9: ~0.01% disseminated Po

Alteration

- 113.5-125.0: Moderate, pervasive chlorite alteration

Structure

- 123.17-123.3: Fault; see major litho

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123.3 126 MV - Mafic Volcanics
 Similar to that described from 107.3-122.35m. Unit is weakly foliated grading out of the overlying shear/fault zone ~50 DTCA and grades into massive mafic volcanic. Chlorite alteration is weak-moderate and pervasive. Contains ~0.5% disseminated Po. Lower contact is gradational marked by the appearance of breccia.

Mineralization

123.0-124.9: ~0.01% disseminated Po
 124.9-142.4: ~0.5-1% disseminated Po

Alteration

113.5-125.0: Moderate, pervasive chlorite alteration

126 128.11 HBX - Hydrothermal Breccia
 Hydrothermal breccia. Medium-dark grey. Contains cm-scale, angular fragments of mafic volcanic contained within a quartz-carbonate matrix. ~30% matrix and 70% fragments. Contains ~0.5% disseminated to quartz-carbonate hosted Po. Lower contact is sharp ~75 DTCA marked by a 10cm quartz-carbonate vein.

Mineralization

124.9-142.4: ~0.5-1% disseminated Po

Alteration

126.0-142.3: Moderate, patchy carbonate and quartz alteration

Structure

128.1-128.11: Lower contact; Lower contact between breccia, perpendicular to core axis

128.11 141.38 HBX - Hydrothermal Breccia
 Similar to that described from 126-128.11m. Breccia unit has a lighter colour because of locally higher quartz-carbonate content (?). Unit also contains tan, cherty material. Contains ~0.5-1.0% disseminated to fracture-filling Po. Lower contact is gradational marked by decreased breccia abundance.

Mineralization

124.9-142.4: ~0.5-1% disseminated Po

Alteration

126.0-142.3: Moderate, patchy carbonate and quartz alteration

Structure

128.11-141.37: breccia; See major litho
 141.37-141.38: Lower contact; Lower contact gradational

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141.38 148.47 MV - Mafic Volcanics
 Similar to that described from 107.3-122.35m. Chlorite alteration is weak and pervasive. Contains ~0.1% disseminated Po. Lower contact is sharp ~65 DTCA marked by a chilled margin with underlying gabbro.

Mineralization

- 124.9-142.4: ~0.5-1% disseminated Po
- 142.4-148.0: ~0.1% disseminated Po
- 148.0-148.47: ~1-2% disseminated Po

Alteration

- 126.0-142.3: Moderate, patchy carbonate and quartz alteration

Structure

- 147.46-147.47: Lower contact; Lower contact marked by chilled margin

148.47 152.32 3A - Nipissing gabbro
 Gabbro. Fine to medium grained, massive, weakly magnetic gabbro. Consists of ~40% plagioclase and 60% amphibole/pyroxene. Contains ~0.1-0.5% disseminated Po. Unit has ~30cm section of finely disseminated Po at ~2-3%. Lower contact is sharp ~70 DTCA.

Mineralization

- 148.47-149.33: ~0.5% disseminated Po
- 149.33-150.0: ~2-3% cloudy disseminated Po
- 150.0-152.32: ~0.5% disseminated and quartz-carbonate vein fill Po

Structure

- 152.31-152.32: Lower contact; Lower contact ~70 DTCA

152.32 156.63 HBX - Hydrothermal Breccia
 Same as described from 126-128.11m. Lower contact marked by gradational end of breccia

Mineralization

- 152.32-153.4: ~2% disseminated Po
- 153.4-156.63: ~0.5-1% disseminated Po

Alteration

- 152.32-161.92: Weak, patchy, quartz and carbonate alteration

Structure

- 152.32-156.62: breccia; See major litho
- 156.62-156.63: Lower contact; Lower contact ~80 DTCA

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From	To	Lithology
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156.63 161.92 MV - Mafic Volcanics

Mafic volcanic. Similar to that described from 107.3m- 122.35m. Contains localized amygdule textures with cm-scale brecciated zones. Cm-scale quartz-carbonate veins ~80 DTCA. Lower contact gradational, marked by start of breccia, ~30 DTCA.

Mineralization

156.63-158.8: ~0.5% disseminated Po

158.8-161.92: ~0.01 disseminated Po

Alteration

152.32-161.92: Weak, patchy, quartz and carbonate alteration

Structure

156.63-161.91: breccia; See major litho, with patchy breccia

161.91-161.92: Lower contact; Lower contact ~30 DTCA

161.92 171.73 HBX - Hydrothermal Breccia

Breccia. Consists of cm-scale mafic volcanic clasts which are often weakly chlorite. Matrix is blue/grey white carbonate, ~30%. Clast shape is sub-angular to sub-rounded. Contains ~0.1% disseminated Po overall and ~1% disseminated Po from the unit starting to ~163m. Lower contact is sharp, marked by the start of a quartz-carbonate vein ~70 DTCA.

Mineralization

161.92-163.1: ~1% disseminated Po

163.1-171.73: ~0.1 disseminated Po

Alteration

161.92-171.73: Weak/moderate, patchy, quartz and carbonate alteration

Structure

161.92-171.71: breccia; See major litho

171.71-171.72: Lower contact; Lower contact irregular

171.72-173.17: Veins; see major litho

171.73 173.18 QCV - Quartz-carbonate Vein

Quartz-carbonate vein. Brecciated quartz, fine grained, white to white/grey with brown/yellow chert and weak pink potassic grains. ~0.01% disseminated Po found in the host rock surrounding sections of the vein. Lower contact is marked by sharp end to the vein, ~ perpendicular to core axis.

Structure

171.72-173.17: Veins; see major litho

173.17-173.18: Lower contact; Lower contact ~ 80 DTCA

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From	To	Lithology
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173.18 197.99 HBX - Hydrothermal Breccia

Similar to breccia from 126m-128.11m. Contains localized amygdule textures with angular fragments of mafic volcanics. Between 180m-187m, off-white/yellow clasts surrounding carbonate and quartz. Po mineralization ~3-5% disseminated. Lower contact is EOH.

Mineralization

- 173.18-174.33: ~0.1% disseminated Po
- 174.33-183.0: ~1% disseminated Po
- 183.0-191.8: ~3-5% disseminated Po
- 191.8-193.36: ~2% disseminated Po and ~0.1% disseminated Py
- 193.36-198.0: ~0.5% disseminated PoPy

Alteration

- 177.36-187.63: Weak/moderate, patchy quartz and carbonate alteration

Structure

- 173.18-198.0: breccia; See major litho
- 178.4-178.55: Veins; Brecciated quartz-carbonate vein
- 180.1-180.23: Veins; Brecciated quartz vein

197.99 198

Mineralization

- 193.36-198.0: ~0.5% disseminated PoPy

Structure

- 173.18-198.0: breccia; See major litho

Project: Shakespeare Property		Hole Number: MSP-21-04	
Hole Type: DD	Core Location: Coreshed	Logging Started: Jun-26-2021	Drilling Started: Jun-25-2021
Hole Size: NQ	Claim Number:	Logging Completed: Jul-01-2021	Drilling Completed: Jun-27-2021
Purpose: Exp	Planned Depth: 375	Logged By: C.Caskenette and G.Hamilton	Drilling Contractor: Gyllis
Casing: Mt	Actual Depth: 368.98		
Coordinates			
		Type: Planned	
		Grid: NAD83 / UTM zone 17N	
		Easting: 439945	
		Northing: 5131867	
		Elevation: 291	

Target:

Comments:

From	To	Lithology
0	3	OB - Overburden
		OB

3 26.17 MV - Mafic Volcanics

Mafic volcanic. Medium grey/ black, fine grained, massive, non-magnetic. Localized wispy carbonate alteration in the form of mm-cm scale irregular stringers and clasts. Major carbonate clast noted from 12.5m-12.6m. Po mineralization disseminated to quartz-carbonate fracture fill at ~0.5-1%, and Cpy quartz-carbonate fracture fill at ~0.01% between 13.8m-18m. The rest of the unit contains ~0.01% disseminated Po. Lower contact is marked by the start of a vein, ~ perpendicular TCA.

Mineralization

- 12.5-14.0: ~0.1% disseminated Po, and ~0.01-0.1% fracture controlled Cpy
- 14.0-17.86: ~0.5-1% quartz-carbonate vein hosted Po and ~0.01% quartz-carbonate vein hosted Cpy
- 17.86-24.13: ~0.01-0.1% disseminated Po
- 24.13-37.8: ~0.1% disseminated Po and ~0.01% disseminated Py

Alteration

- 12.5-14.73: Weak, patchy carbonate alteration
- 18.7-20.68: Weak, patchy carbonate alteration

Structure

- 12.5-12.6: Veins; grey/white quartz-carbonate vein
- 26.16-26.17: Lower contact; Lower contact

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From	To	Lithology
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26.17 26.48 QCV - Quartz-carbonate Vein
 Brecciated carbonate-quartz vein. Pale white/ grey, fine grained, non-magnetic. Carbonate is intermixed with grey/green host rock. Lower contact marked by sharp end of vein, ~50 DTCA.

Mineralization

24.13-37.8: ~0.1% disseminated Po and ~0.01% disseminated Py

Alteration

26.17-38.12: Weak, patchy carbonate alteration

Structure

26.17-26.47: Veins; See major litho

26.47-26.48: Lower contact; lower contact

26.48 37.8 MV - Mafic Volcanics
 Similar to previous at 3m-26.17m. Mafic volcanic is weakly brecciated/ mottled with a light grey/green matrix. Contains cm-mm scale fragments of grey carbonate-quartz like the previous vein. Mineralization includes ~0.01% disseminated PoCpy. Cpy is locally found between 32m-33m at 0.01% disseminated. Lower contact is marked by the start of a vein, ~10-20 DTCA.

Mineralization

24.13-37.8: ~0.1% disseminated Po and ~0.01% disseminated Py

Alteration

26.17-38.12: Weak, patchy carbonate alteration

Structure

37.79-37.8: Lower contact; Lower contact irregular

37.8 38.12 QCV - Quartz-carbonate Vein
 Quartz-carbonate vein. Massive, grey/white with weak green inclusions of host mafic volcanic. Contains vein hosted CpyPo at ~0.5% for the unit. Lower contact is irregular, marked by end of vein.

Mineralization

37.8-38.12: ~0.5% quartz-carbonate vein hosted Cpy and ~0.01% quartz-carbonate vein hosted Po

Alteration

26.17-38.12: Weak, patchy carbonate alteration

Structure

37.8-38.11: Veins; see major litho

38.11-38.12: Lower contact; Lower contact irregular

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From	To	Lithology
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38.12	49.23	MV - Mafic Volcanics Mafic volcanic. Similar to previous at 3m-26.17m. Black grey, massive with weak patchy grey carbonate sprinkling, non-magnetic. Contains cm-scale grey/white carbonate clasts/veins similar to the vein mentioned from 26.17m -26.48m. The bottom 50cm of the unit consists of an irregular quartz vein, mixing with the host mafic volcanic. Weak chlorite alteration rims larger (cm-scale) quartz veins. ~0.01% fracture fill to disseminated PoPy. Lower contact is marked by sharp change to foliation and alteration, ~ 30 DTCA.
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Mineralization

38.12-39.0: ~0.01% disseminated PoPy
48.25-49.23: ~0.1% disseminated PoPy and ~0.01% disseminated Cpy

Alteration

45.7-49.23: Weak, patchy carbonate and chlorite alteration

Structure

48.84-49.22: Veins; irregular quartz vein
49.22-49.23: Lower contact; Lower contact ~30 DTCA

49.23	76	MV - Mafic Volcanics Mafic volcanic. Green/ grey, foliated ~30-50DTCA, moderate chlorite alteration, non-magnetic. Foliation relatively consistent throughout. ~0.1% foliation controlled Po to 55.9m. ~0.5% disseminated Po from 55.9m-56.2m. ~0.1% disseminated Po from 56.2m-58.5m. From 58.5m-70.0m, ~ 0.5% foliation controlled Po, ~0.01% disseminated Py, and ~0.01% foliation controlled Cpy. Lower contact is irregular with underlying quartz veining.
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Mineralization

49.23-51.62: ~0.01% disseminated PoPy
51.62-52.0: ~1-2% disseminated Po
52.0-58.39: ~0.5% disseminated Po
58.39-60.7: ~0.5-1% disseminated Po, ~0.1% disseminated Cpy, and ~0.01% disseminated Py
64.16-70.22: ~0.5% disseminated Po and ~0.1% disseminated Cpy
74.25-76.0: ~0.5% disseminated Po

Alteration

49.23-74.25: Moderate, pervasive, chlorite alteration

Structure

49.23-54.0: Foliation; foliation of MV
54.0-66.0: Foliation; foliation of MV
66.0-69.0: Foliation; foliation of MV
69.0-71.15: Foliation; foliation of MV
71.15-74.25: Foliation
75.99-76.0: Lower contact; Lower contact is irregular with underlying quartz veining.

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From	To	Lithology
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76 77.13 QCV - Quartz-carbonate Vein
 Quartz-carbonate breccia veining. Light grey to white, fragments of mafic volcanic and quartz are surrounded by a massive carbonate matrix. Contains ~0.1% Po, which occurs disseminated within MV fragments. Lower contact is sharp ~25 DTCA.

Mineralization

76.0-77.13: ~0.1% quartz-carbonate vein hosted Po

Structure

76.0-77.12: Veins; see major litho

77.12-77.13: Lower contact; Lower contact is sharp ~25 DTCA.

77.13 94.81 MV - Mafic Volcanics
 Mafic volcanic. Dark grey, fine grained, non magnetic, massive. Unit is cut by 0.1-2cm quartz-carbonate veinlets ~20-35 DTCA. Interval contains 0.5% disseminated to fracture-filling Po, locally up to 2-3% at the decimeter scale. Lower contact is sharp ~10 DTCA.

Mineralization

77.13-86.0: ~0.1% disseminated Po

86.0-88.5: 2% disseminated Po

88.5-94.81: ~0.1% quartz-carbonate vein hosted Po

Structure

86.33-86.46: Veins; ~13cm quartz-carbonate vein ~40 DTCA

94.8-94.81: Lower contact; Lower contact is sharp ~10 DTCA.

94.81 95.65 QCV - Quartz-carbonate Vein
 Quartz-carbonate veining. Light grey-beige to white, fragments of mafic volcanic and beige carbonate are surrounded by a massive quartz-carbonate matrix. Contains ~1-2% Po, which occurs disseminated within MV fragments with another silvery-grey/blue sulphide mineral - galena (?) ~0.01%. Lower contact is irregular.

Mineralization

94.81-95.65: Contains ~1-2% Po, which occurs disseminated within MV fragments with another silvery-grey/blue sulphide mineral - galena (?) ~0.01%.

Structure

94.81-95.64: Veins; see major litho

95.64-95.65: Lower contact; Lower contact is irregular.

95.65 98.55 MV - Mafic Volcanics
 Similar to that described from 77.13-94.81. Lower contact is irregular with underlying veining.

Mineralization

95.65-98.55: ~0.1% fracture controlled Po and ~0.1% quartz-carbonate hosted Po

Structure

98.54-98.55: Lower contact; Lower contact is irregular.

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From	To	Lithology
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98.55 99.73 QCV - Quartz-carbonate Vein
 Similar to that described from 94.81-95.65m. Unit contains ~0.5-1.0% quartz-carbonate vein hosted Po. Lower contact is irregular.

Mineralization

98.55-99.73: ~0.5-1.0% quartz-carbonate vein hosted Po

Structure

98.55-99.72: Veins; see major litho

99.72-99.73: Lower contact; Lower contact is irregular.

99.73 115.7 MV - Mafic Volcanics
 Similar to that described from 77.13-94.81. Massive to weakly foliated. Unit is cut by 0.1-35cm quartz-carbonate veining ~5%. Interval is relatively unaltered and displays gradational increase to moderate, pervasive chlorite alteration. Veins show preferred orientation towards start of unit ~40-60 DTCA. Interval contains ~0.5% disseminated/foliation controlled Po and 0.1% quartz-carbonate vein hosted Po-Cpy; locally up to 1% Cpy in quartz veins i.e., 107.51-107.55m. Lower contact is sharp ~50 DTCA.

Mineralization

99.73-104.0: ~0.5% disseminated/foliation controlled Po and 0.1% quartz-carbonate hosted Po

104.0-107.44: 0.5% quartz-carbonate vein hosted PoCpy

107.44-108.0: ~2% quartz-carbonate vein hosted Po with 0.1% Cpy

108.0-109.96: ~0.5-1.0% fracture controlled Po

109.96-115.0: 1-2% disseminated Po with 0.1% fracture controlled Cpy

Alteration

115.3-116.43: Moderate, pervasive, chlorite alteration

Structure

107.44-107.71: Veins; ~25cm irregular quartz-carbonate vein ~45-70 DTCA with 5% Po and 0.1% Cpy

115.69-115.7: Lower contact; Lower contact is sharp ~50 DTCA

115.7 115.82 FLT - Fault
 Fault/slip plane. mm-scale clay-rich gouge along chloritic slip faces ~50 DTCA. Interval is rubbly with extensive 'poker chipping'. Lower contact is sharp ~50 DTCA.

Alteration

115.3-116.43: Moderate, pervasive, chlorite alteration

Structure

115.7-115.81: Fault; see major litho

115.81-115.82: Lower contact; Lower contact is sharp ~50 DTCA

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From	To	Lithology
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115.82 117 SHR - Shearzone
 Sheared Mafic Volcanic. Medium grey-green, moderately foliated mafic volcanic ~45 DTCA. 25cm quartz-carbonate vein ~50 DTCA occurs from 116.43-116.68m. Lower contact is gradational, marked by decreasing foliation strength ~45 DTCA.

Alteration

115.3-116.43: Moderate, pervasive, chlorite alteration
 116.68-117.1: Moderate, pervasive, chlorite alteration

Structure

115.82-116.43: Shear; see major litho
 116.43-116.68: Veins; 25cm quartz-carbonate vein ~50 DTCA
 116.76-116.77: Gouge; 0.5cm of gouge ~50 DTCA
 116.77-116.99: Shear; see major litho
 116.99-117.0: Lower contact; Lower contact is gradational, marked by decreasing foliation strength ~45 DTCA.

117 122.95 MV - Mafic Volcanics
 Mafic volcanic. Dark grey-green, fine grained, non magnetic, massive to weakly foliated ~25-35 DTCA. Unit contains 1-4mm quartz-carbonate amygdules that become aligned with the foliation where developed. Unit displays gradational increase in chlorite alteration ranging from absent to moderate, pervasive chlorite at 123 m. Narrow, cm-scale shear cuts unit ~122.1m at 55 DTCA. Interval contains ~0.5% disseminated Po, up to 1-2% locally at the decimeter scale. Quartz-carbonate veins cut the unit at 5-50 DTCA ranging from 1-25cm wide. Lower contact is sharp ~45 DTCA.

Mineralization

118.0-122.0: ~1% disseminated Po

Alteration

116.68-117.1: Moderate, pervasive, chlorite alteration
 117.1-118.3: Weak, pervasive, chlorite alteration
 122.0-122.95: Moderate, pervasive, chlorite alteration

Structure

122.0-122.1: Shear; ~5-10cm wide shear ~55 DTCA
 122.1-122.94: Foliation;
 122.94-122.95: Lower contact; Lower contact is sharp ~45 DTCA.

122.95 123.6 QV - Quartz vein
 Quartz Vein. Light grey to white, massive quartz vein. Contains wispy chloritic fractures and <1% chloritized wall rock fragments. ~0.25% Cpy occurs speckled throughout. Lower contact is sharp ~40 DTCA.

Mineralization

122.95-123.6: ~0.1% quartz-carbonate vein hosted Po and Cpy

Structure

122.95-123.59: Veins; see major litho
 123.59-123.6: Lower contact; Lower contact is sharp ~40 DTCA.

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123.6	139.3	MV - Mafic Volcanics Similar to that described from 115.82-122.95m. Chlorite alteration is moderate and pervasive and foliation is weakly-moderately developed ~25-45 DTCA. Interval is cut by ~5-10% quartz-carbonate veins (0.1-10cm) ~35 DTCA, parallel to foliation. Disseminated Po ~0.5%, up to 2-3% at the decimeter scale. Lower contact is sharp ~45 DTCA.
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Mineralization

126.0-134.0: ~0.5-1.0% foliation controlled to disseminated Po and 0.01% quartz-carbonate hosted Cpy
 136.97-138.6: ~2-3% disseminated Po

Alteration

123.6-132.0: Weak-moderate, pervasive, chlorite alteration
 138.5-139.6: Moderate, pervasive, chlorite alteration

Structure

123.6-129.0: Foliation
 129.0-132.0: Foliation
 132.0-134.0: Foliation
 139.29-139.3: Lower contact; Lower contact is sharp ~45 DTCA.

139.3	139.43	FLT - Fault Laminated quartz vein with chloritic slip faces with mm-scale muddy gouge. Likely fault-fill vein. Slip face is oriented ~45 DTCA. No sulphides observed. Lower contact is sharp ~75 DTCA.
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Alteration

138.5-139.6: Moderate, pervasive, chlorite alteration

Structure

139.3-139.42: Fault; see major litho
 139.42-139.43: Lower contact; Lower contact is sharp ~75 DTCA.

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From	To	Lithology
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139.43 168.8 MV - Mafic Volcanics
 Similar to that described from 115.82-122.95m. Chlorite alteration is weak-moderate and patchy and foliation is weakly developed ~30-40 DTCA. Interval is cut by quartz-carbonate veins (0.1-35cm) ~35 DTCA, parallel to foliation. Disseminated Po ~0.5%, up to 2-3% at the half meter scale. Lower contact is sharp ~20 DTCA.

Mineralization

- 143.2-144.0: ~2-3% disseminated Po
- 148.0-152.0: ~1-2% disseminated Po
- 155.0-157.0: ~0.5-1.0% disseminated Po
- 159.0-160.0: ~0.5% fracture controlled Po

Alteration

- 138.5-139.6: Moderate, pervasive, chlorite alteration
- 139.6-141.7: Weak, pervasive, chlorite alteration
- 141.7-142.7: Moderate, pervasive, chlorite alteration
- 142.7-178.32: Weak-moderate, patchy, chlorite alteration

Structure

- 142.0-142.35: Veins; 35cm quartz-carbonate vein ~35 DTCA
- 156.0-166.0: Foliation; wk fol
- 168.79-168.8: Lower contact; Lower contact is sharp ~20 DTCA.

168.8 169.04 FLT - Fault
 Fault. Strongly fractured zone with muddy, chloritic slips with mm-scale gouge seams ~20 DTCA. No sulphides observed. Lower contact is sharp ~20 DTCA.

Alteration

- 142.7-178.32: Weak-moderate, patchy, chlorite alteration

Structure

- 168.8-169.03: Fault; see major litho
- 169.03-169.04: Lower contact; Lower contact is sharp ~20 DTCA.

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169.04 177 MV - Mafic Volcanics
 Similar to that described from 115.82-122.95m. Chlorite alteration is weak-moderate and patchy and foliation is weakly developed ~25 DTCA. Interval is cut by quartz-carbonate veins (0.1-20cm) ~35 DTCA, parallel to foliation. 0.01% quartz-carbonate vein hosted Cpy and ~1% fracture-fill to disseminated Po from 175m towards the lower contact.. Lower contact is gradational, marked by the start of foliation ~30DTCA

Mineralization

173.86-176.4: 0.1% quartz-carbonate vein hosted Cpy
 176.4-178.32: ~3-5% quartz-carbonate vein hosted Po, and ~0.1% quartz-carbonate vein hosted Cpy

Alteration

142.7-178.32: Weak-moderate, patchy, chlorite alteration

Structure

169.04-173.85: Foliation
 173.85-174.0: Veins; 15cm quartz-carbonate vein ~50 DTCA with 0.01% Cpy
 174.0-174.54: Foliation
 176.99-177.0: Lower contact; Lower contact is gradational marked by increasing foliation strength ~30 DTCA.

177 181 SHR - Shearzone
 Shearzone. Sheared mafic volcanic, fine grained, black/green, moderately foliated ~30-50 DTCA. Contains up to 3% locally foliation controlled Po, overall ~0.5-1%. Cpy also occurs locally with Po at ~0.1%. Quartz carbonate vein in shear at ~25-45 DTCA with wispy chloritic laminae which Cpy is concentrated on. Cpy in the vein ~2%. Lower contact of vein has ~5mm seam of clay rich gouge orientated at ~45 DTCA. Lower contact is gradational to a non-foliated mafic volcanic.

Mineralization

176.4-178.32: ~3-5% quartz-carbonate vein hosted Po, and ~0.1% quartz-carbonate vein hosted Cpy
 180.11-180.44: ~2% quartz-carbonate vein hosted Cpy, and ~0.5-1% quartz-carbonate vein hosted Po

Alteration

142.7-178.32: Weak-moderate, patchy, chlorite alteration
 178.32-180.11: Moderate, pervasive, chlorite alteration
 180.44-181.0: Moderate, pervasive, chlorite alteration

Structure

177.0-180.11: Shear; see major litho
 180.11-180.44: Veins; 30cm quartz-carbonate vein with ~2% Cpy ~25 DTCA
 180.44-180.99: Shear; see major litho
 180.99-181.0: Lower contact; Lower contact is gradational marked by decreasing foliation strength ~50 DTCA.

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From	To	Lithology
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181	221.53	MV - Mafic Volcanics Mafic volcanic. Grey green, fine grained, massive to weakly foliated, non-magnetic, weak to moderate chlorite alteration grading out of the previous shear zone. Appears to contain two sets of foliation ~50 and 65 DTCA. Unit is cut by 0.1-15cm quartz-carbonate veins ~35-75 DTCA. Overall ~0.5% disseminated Po. ~0.1% quartz-carbonate/ fracture controlled Cpy. At ~200m, a ~20cm quartz vein contains ~5-8% Cpy. Appears locally amygdaloidal from 217.3m-219m. Lower contact is marked by light coloured contact zone with acicular amphibole crystals, ~45 DTCA.
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Mineralization

- 181.3-187.9: ~1% disseminated + quartz-carbonate vein hosted Po, and ~0.01% quartz-carbonate vein hosted Cpy
- 187.9-192.75: ~0.01-0.1% disseminated Po
- 192.75-199.73: ~0.5% quartz-carbonate vein hosted to disseminated Po, and ~0.1% quartz-carbonate vein hosted Cpy.
- 199.73-200.06: ~5-7% quartz-carbonate vein hosted Cpy and ~1% quartz-carbonate vein hosted Po
- 200.06-201.0: ~0.01% disseminated PoCpy.
- 203.81-205.39: ~0.1% disseminated to quartz-carbonate vein hosted Po, and 0.01% disseminated Cpy
- 205.39-206.0: ~1% quartz-carbonate vein hosted to disseminated Po, and ~0.1% disseminated Cpy
- 206.0-209.1: ~0.01% quartz-carbonate vein hosted PoCpy
- 209.1-209.39: ~2% quartz-carbonate vein hosted Cpy, and ~0.1% quartz-carbonate vein hosted Po
- 209.39-213.8: ~0.5% disseminated Po
- 221.2-223.0: ~0.1-0.5% disseminated Po

Alteration

- 181.0-188.0: Weak, patchy, chlorite alteration
- 188.0-198.0: Moderate, pervasive, chlorite alteration
- 198.0-200.06: Moderate-strong, pervasive, chlorite alteration
- 200.06-204.8: Weak, pervasive, chlorite alteration
- 204.8-210.0: Weak, patchy chlorite alteration
- 214.4-216.0: Weak, pervasive, chlorite alteration

Structure

- 195.22-195.39: Veins; 15 cm quartz-carbonate vein ~75 DTCA with 0.1% Cpy
- 195.39-199.8: Foliation; Weak foliation - possibly 2 foliations at 50 and 65 DTCA
- 199.8-200.01: Veins; see major litho
- 200.01-201.0: Foliation
- 209.13-209.26: Veins; 13cm quartz-carbonate vein ~45 DTCA with 1% Cpy
- 216.0-221.52: Foliation
- 221.52-221.53: Lower contact; Lower contact is sharp ~45 DTCA

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From	To	Lithology
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221.53 224.75 VCL - Volcaniclastic

Volcaniclastic. Black grey with fine blue hue, fine grained, weakly to moderately bedded at ~40 DTCA defined with bleu grey and green grey beds, with ash to lapilli sized fragments, sub-angular to sub-rounded fragments. Possibly Lapilli tuff. Lower contact is sharp at ~60 DTCA.

Mineralization

221.2-223.0: ~0.1-0.5% disseminated Po

Structure

221.53-224.74; Bedding of volcaniclastic unit ~40 DTCA

224.74-224.75: Lower contact; Lower contact is sharp ~60 DTCA

224.75 225.94 MV - Mafic Volcanics

Mafic volcanic? Fine grained, dark green, massive to brecciated surrounding quartz vein. Cross cut by irregular quartz-carbonate breccia vein. Moderate to strong pervasive chlorite alteration. Lower contact is sharp around ~30 DTCA. No sulphide mineralization observed.

Alteration

224.75-225.94: Moderate-strong, pervasive chlorite alteration.

Structure

225.15-225.58: Veins; 40cm quartz-carbonate breccia vein ~70 DTCA

225.93-225.94: Lower contact; Lower contact is sharp ~30 DTCA

225.94 262.46 2B - Conglomerate

Metaconglomerate or Volcaniclastic? Dark grey-black, fine grained matrix with 0.1-5cm subangular-subrounded fragments of 3-4+ lithologies (mafic volcanic, diorite, quartz, tan chert). Unit is massive but fragments locally appear imbricated ~40-50 DTCA(?). Fragment abundance is ~50% matrix and 50% fragments (>2mm) but changes to ~80% matrix and 20% fragments (>2mm) after 230.6m. Unit is cut by 0.1-5cm quartz-carbonate veins ~30-50 DTCA. Contains ~0.5% disseminated Py. Py locally occurs as strain shadows surrounding fragments. Lower contact is sharp, at ~25 DTCA.

Mineralization

232.0-247.2: ~0.5% disseminated Po, and ~0.1% disseminated Py

247.2-248.5: ~2% disseminated Po

248.5-262.46: ~0.5% disseminated Po

Alteration

236.0-237.0: Weak, fracture controlled chlorite alteration

Structure

262.45-262.46: Lower contact; Lower contact is sharp ~25 DTCA.

Project: Shakespeare Property	Hole Number: MSP-21-04
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From	To	Lithology
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262.46	263.1	QV - Quartz vein Quartz vein. Massive, white to light grey. Contains ~0.01% vein hosted CpyPo. Small angular fragments of host rock found within. Lower contact is sharp, ~10 DTCA.
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Mineralization

262.46-263.1: ~0.1% quartz-carbonate vein hosted Cpy

Structure

262.46-263.09: Veins; see major litho

263.09-263.1: Lower contact; Lower contact is sharp, ~10 DTCA.

263.1	264.93	2B - Conglomerate Same unit as described from 225.94-262.46m. Lower contact is sharp and irregular.
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Mineralization

263.1-269.1: ~0.01% disseminated PoPy

Structure

264.92-264.93: Lower contact; Lower contact is sharp and irregular.

264.93	269.08	2B - Conglomerate Muddy/ sandy conglomerate. Black/grey with brown, fine grained matrix, massive with localized zones with sub-rounded to rounded imbricated clasts ~30-40 DTCA. Clasts are made of blue/white quartz-carbonate and black mafic volcanics. Fragments contain up to ~65-70% of the unit. Moderate, patchy chloritization of matrix. Unit is cross cut by cm-scale quartz-carbonate veins ~55 DTCA. Unit grades from black to brown, and back to black. ~0.01% disseminated PoPy. Lower contact is marked by gradational end to abundant clasts ~55 DTCA.
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Mineralization

263.1-269.1: ~0.01% disseminated PoPy

Structure

266.0-266.2: Veins; 20cm quartz vein ~20 DTCA

268.0-269.0: Foliation; Weak imbrication of clasts ~30-40 DTCA

269.07-269.08: Lower contact; Lower contact is marked by gradational end to abundant clasts ~55 DTCA.

Project: Shakespeare Property	Hole Number: MSP-21-04
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From	To	Lithology
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269.08	284.6	2B - Conglomerate Similar to that described from 225.94-262.46m. Contains ~0.1% disseminated Py, up to 1% locally at the decimeter scale. Unit displays moderate, patchy chlorite and bleaching towards lower contact ~279-284m. Lower contact is sharp ~30 DTCA.
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Mineralization

- 263.1-269.1: ~0.01% disseminated PoPy
- 277.8-281.82: ~0.01% disseminated PoPy
- 281.82-284.3: ~0.5% disseminated Po
- 284.3-287.2: ~0.01% disseminated Po

Alteration

- 269.08-282.0: Weak-moderate, patchy chlorite alteration
- 282.0-298.0: Weak-moderate fracture controlled carbonate alteration and weak, pervasive chlorite alteration

Structure

- 284.59-284.6: Lower contact; Lower contact is sharp ~30 DTCA.

Project: Shakespeare Property	Hole Number: MSP-21-04
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From	To	Lithology
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284.6 305.52 MV - Mafic Volcanics

Mafic volcanic. Grey green, fine grained, massive to weakly foliated, non-magnetic.. Foliation ranges from ~30-45 DTCA. 1-3mm quartz-carbonate amygdules occur concentrated within the first 8 m of the interval. Moderate, patchy bleaching occurs throughout (i.e., 309.93-310.89 m). Unit is cut by ~5-10%, 0.1-40 cm quartz-carbonate veins ~30-45 DTCA. Overall ~0.1% fracture-fill to quartz-carbonate associated Po with ~0.01% Cpy. Veins at ~288 m and 296 m contain 2-3% Po with 0.5% Cpy, and 1% Po with 0.1% Cpy, respectively. Lower contact is marked by the start of breccia gradationally.

Mineralization

- 284.3-287.2: ~0.01% disseminated Po
- 287.2-287.89: ~0.5% disseminated Po
- 287.89-288.43: ~2% quartz-carbonate vein hosted Po and ~0.5% quartz-carbonate vein hosted Cpy
- 288.43-290.7: ~0.5% disseminated Po
- 293.3-295.92: ~1-2% disseminated Po, and ~0.1% quartz-carbonate vein hosted Cpy
- 295.92-296.3: ~1% quartz-carbonate vein hosted Po and ~0.5% quartz-carbonate vein hosted Cpy
- 296.3-303.5: ~0.01% disseminated Po
- 303.5-310.89: ~1-2%, locally 3-5%, quartz-carbonate vein hosted to disseminated Po

Alteration

- 282.0-298.0: Weak-moderate fracture controlled carbonate alteration and weak, pervasive chlorite alteration
- 302.0-314.04: Weak, fracture-fill carbonate with weak, patchy bleaching and chlorite alteration

Structure

- 284.6-287.93: Foliation
- 287.93-288.4: Veins; 40cm quartz-carbonate vein ~2-3% Po and 0.5% Cpy
- 288.4-292.0: Foliation; Foliation ranges from 30-45 DTCA
- 296.03-296.19: Veins; 15cm irregular quartz-carbonate vein with ~1% Po and 0.1% Cpy
- 297.5-298.0: breccia; hydrothermal breccia with quartz-carbonate infill

305.52 306.81 HBX - Hydrothermal Breccia

Hydrothermal breccia. Black green mafic volcanic brecciated by infill of quartz-carbonate. Clasts are angular to sub-angular, mm-2cm scale. Contains localized amygdules. ~0.1% quartz-carbonate vein hosted Po. Lower contact is irregular,, marked by decreased brecciation.

Mineralization

- 303.5-310.89: ~1-2%, locally 3-5%, quartz-carbonate vein hosted to disseminated Po

Alteration

- 302.0-314.04: Weak, fracture-fill carbonate with weak, patchy bleaching and chlorite alteration

Structure

- 305.52-306.81: breccia; hydrothermal breccia with quartz-carbonate infill

Project: Shakespeare Property	Hole Number: MSP-21-04
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From	To	Lithology
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306.81	329.08	MV - Mafic Volcanics Similar to previous unit at 284.6m-305.52m. Contains localized sericite/bleaching alteration. ~1% quartz-carbonate vein hosted Po. Lower contact is gradational, marked by the increase in metasedimentary clast.
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Mineralization

303.5-310.89: ~1-2%, locally 3-5%, quartz-carbonate vein hosted to disseminated Po
 316.3-319.27: ~0.1-0.5% disseminated Po
 319.27-322.64: ~1-2% disseminated Po, ~0.5% disseminated Py, and ~0.01% disseminated Cpy

Alteration

302.0-314.04: Weak, fracture-fill carbonate with weak, patchy bleaching and chlorite alteration
 314.04-324.0: weak, pervasive carbonate alteration, and weak, patchy bleaching

Structure

313.07-313.39: Veins; ~30cm quartz vein at ~40 DTCA
 329.07-329.08: Lower contact; Lower contact is gradational

329.08	349.94	2B - Conglomerate Metaconglomerate/ Volcanoclastic? Light grey brown, fine grained matrix with sub-rounded to sub-angular fragments of multiple lithologies (quartz-carbonate, tan chert, mafic volcanic, quartz diorite). Fragments are 0.1cm-2cm. Unit is massive with no indication of imbrication or alignment of fragments. Unit consists of ~50% matrix and ~50% clasts. ~0.1% disseminated Py from 335m- 346m. Localized ~0.01% quartz-carbonate vein hosted CpyPo. Lower contact is marked by gradation out of clast material.
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Mineralization

331.73-340.0: ~0.5-1% disseminated to quartz-carbonate vein hosted Po, and ~0.1-0.5% disseminated Py
 340.0-341.0: ~1% quartz-carbonate vein hosted Po, ~0.5% quartz-carbonate vein hosted Py, and ~0.1% quartz-carbonate vein hosted Cpy
 341.0-345.75: ~0.1% disseminated Po, and ~0.01% disseminated Py
 349.0-352.8: ~0.1% disseminated Po

Alteration

336.4-341.0: Weak, pervasive chlorite alteration
 348.55-350.7: Weak, patchy carbonate and chlorite alteration

Structure

346.93-346.94: Lower contact; Lower contact is gradational, marked by decrease in clasts ~60 DTCA

Project: Shakespeare Property	Hole Number: MSP-21-04
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From	To	Lithology
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349.94 355.45 MV - Mafic Volcanics
 Mafic volcanic. Black green, fine grained, massive with localized amygdules, weak patchy chlorite alteration, non-magnetic. Contains mm-scale quartz-carbonate veins ~50 DTCA, and carbonate/bleached sections up to ~12cm wide. ~0.01-0.1% disseminated Po begins from 352m to end of unit. Lower contact is sharp, ~45 DTCA.

Mineralization

349.0-352.8: ~0.1% disseminated Po
 352.8-356.66: ~0.5% disseminated Po, and ~0.01% disseminated Cpy

Alteration

348.55-350.7: Weak, patchy carbonate and chlorite alteration
 352.0-352.5: Weak, patchy, bleaching alteration

Structure

355.44-355.45: Lower contact; Lower contact is sharp, ~45 DTCA

355.45 356.66 QCV - Quartz-carbonate Vein
 Quartz-carbonate vein. Massive to irregular, off-white/yellow to white/blue quartz-carbonate with black mafic volcanic clasts intermixed with the quartz. Contains weak green chlorite alteration. ~0.1-0.5% disseminated Po. Lower contact is sharp and irregular, ~50 DTCA.

Mineralization

352.8-356.66: ~0.5% disseminated Po, and ~0.01% disseminated Cpy

Alteration

355.45-356.66: Moderate, pervasive carbonate alteration, and weak, patchy chlorite alteration

Structure

355.45-356.65: Veins; See major litho
 356.65-356.66: Lower contact; Lower contact is sharp ~50 DTCA

356.66 368.97 MV - Mafic Volcanics
 Similar to previously described from 349.94m-355.45m. Grey green, massive with local amygdules, weak pervasive chlorite alteration. Core marked to 'candy cane' appearance due to drilling. Contains ~0.5% disseminated Po and ~0.01% disseminated Py to 364m. From 364m to EOH ~0.01% quartz-carbonate vein hosted PoCpy. Lower contact is end of hole.

Mineralization

356.66-368.96: ~0.5-1% disseminated Po, and ~0.01% quartz-carbonate vein hosted Cpy

Alteration

356.66-368.98: Weak, pervasive chlorite alteration

368.97 368.98
 End of Hole

Alteration

356.66-368.98: Weak, pervasive chlorite alteration



ANALYSIS REPORT BBM21-09296

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	06-May-2021
Project	Shakespeare exploration	Date Analysed	12-May-2021 - 03-Jun-2021
Submission Number	*SD* Shakespeare / 50 Samples	Date Completed	03-Jun-2021
Number of Samples	50	SGS Order Number	BBM21-09296

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion
2	GO_XRF72	Borate Fusion, XRF, Ore Grade, variable wt.g

Comments

Preparation of samples was performed at the SGS Sudbury site.

Analysis of samples was performed at the SGS Burnaby site.

This Report cancels and supersedes the report BBM_U0010458094 dated 3-Jun-2021 issued by SGS Canada (Burnaby).

Sample IDs updated to include the prefix "S00".

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement puposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

22-Jun-2021 1:07AM BBM_U0011029283

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MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



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Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430001	0.86	<5	<10	<5	<1	8.40
S00430002	0.60	<5	<10	<5	<1	9.31
S00430003	3.56	<5	10	9	<1	6.51
S00430004	4.24	<5	<10	<5	<1	6.03
S00430005	2.05	<5	<10	<5	<1	6.96
S00430006	3.28	<5	<10	<5	<1	7.13
S00430007	3.03	<5	<10	<5	<1	6.19
S00430008	3.94	19	20	34	<1	6.41
S00430009	4.00	<5	<10	6	<1	6.45
S00430010	0.58	<5	<10	<5	<1	0.85
S00430011	3.05	<5	<10	<5	2	6.30
S00430012	2.73	26	50	62	<1	6.52
S00430013	2.07	51	90	108	<1	6.66
S00430014	3.95	6	10	11	<1	5.99
S00430015	4.06	14	30	28	<1	6.56
S00430016	4.38	9	30	16	<1	6.36
S00430017	3.99	<5	<10	<5	<1	6.15
S00430018	4.00	<5	<10	<5	<1	6.33
S00430019	2.30	<5	10	<5	<1	6.25
S00430020	0.11	63	470	571	1	2.57
S00430021	0.64	12	10	25	1	4.79
S00430022	3.99	<5	<10	<5	<1	6.42
S00430023	2.77	30	80	62	<1	7.06
S00430024	2.71	36	50	55	<1	6.81
S00430025	4.17	15	20	22	<1	6.55
S00430026	3.17	80	100	110	1	6.44
S00430027	2.71	85	140	151	2	5.77
S00430028	2.78	77	160	159	<1	7.03
S00430029	0.81	31	90	104	1	5.50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
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ANALYSIS REPORT BBM21-09296

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430030	1.22	24	80	73	<1	4.81
S00430031	2.08	<5	<10	<5	<1	2.97
S00430032	1.97	<5	<10	14	<1	5.32
S00430033	3.03	15	50	53	<1	6.57
S00430034	3.75	<5	<10	<5	<1	6.62
S00430035	2.04	<5	<10	<5	<1	6.67
S00430036	1.61	42	90	83	<1	6.91
S00430037	3.07	<5	<10	<5	2	6.45
S00430038	1.60	<5	<10	<5	<1	6.67
S00430039	1.16	14	30	51	<1	6.55
S00430040	0.65	<5	<10	<5	<1	1.09
S00430041	3.44	<5	<10	<5	<1	7.20
S00430042	1.82	6	20	16	<1	7.36
S00430043	0.99	<5	<10	<5	<1	7.18
S00430044	2.82	6	20	13	1	7.72
S00430045	3.14	<5	<10	<5	<1	7.39
S00430046	1.06	7	20	16	2	5.31
S00430047	1.35	<5	<10	7	<1	7.02
S00430048	4.06	<5	<10	<5	<1	6.83
S00430049	2.59	<5	10	15	<1	6.53
S00430050	0.11	37	550	887	<1	1.43
*Dup S00430039	-	14	40	45	<1	6.74
*Blk BLANK	-	-	-	-	<1	<0.01
*Rep S00430003	-	-	-	-	<1	6.34
*Blk BLANK	-	-	-	-	<1	<0.01
*Std MP-2a	-	-	-	-	5	5.61
*Std OREAS 927	-	-	-	-	5	6.35
*Std OREAS 623	-	-	-	-	19	5.56
*Rep S00430005	-	-	-	-	<1	7.52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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ANALYSIS REPORT BBM21-09296

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00430009	-	<5	<10	6	-	-
*Std OREAS 45f	-	18	40	59	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430037	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	156	420	221	-	-
*Std OREAS 681	-	51	530	234	-	-
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 623	-	-	-	-	19	5.06
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 927	-	-	-	-	7	6.68
*Std MP-2a	-	-	-	-	3	6.26

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430001	<3	28	2	<0.1	1.0	<0.2
S00430002	<3	74	2	<0.1	0.4	<0.2
S00430003	23	540	1	0.3	1.5	0.8
S00430004	<3	205	1	0.2	6.8	<0.2
S00430005	<3	100	1	0.1	5.5	<0.2
S00430006	<3	94	1	0.1	5.8	<0.2
S00430007	<3	112	1	0.2	6.3	<0.2
S00430008	5	193	1	1.2	4.0	<0.2
S00430009	<3	167	1	0.3	6.9	<0.2
S00430010	<3	66	<1	<0.1	19.9	<0.2
S00430011	<3	171	1	0.2	6.9	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09296

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430012	34	172	<1	1.8	5.3	0.3
S00430013	55	201	1	2.9	5.4	0.3
S00430014	4	125	<1	0.6	5.4	<0.2
S00430015	3	135	1	1.0	6.2	0.2
S00430016	4	128	1	0.6	6.1	<0.2
S00430017	<3	152	1	0.2	6.9	<0.2
S00430018	3	128	1	0.2	6.6	0.2
S00430019	<3	72	1	0.3	7.0	<0.2
S00430020	200	83	<1	0.1	3.3	0.4
S00430021	6	90	<1	1.5	10.4	0.4
S00430022	<3	102	1	0.3	7.0	<0.2
S00430023	5	169	1	1.9	5.8	<0.2
S00430024	3	221	1	1.8	4.3	0.2
S00430025	<3	144	1	0.9	6.8	0.2
S00430026	19	286	<1	2.9	4.9	0.3
S00430027	12	252	<1	3.5	3.8	0.3
S00430028	4	533	1	3.3	4.5	<0.2
S00430029	<3	96	<1	1.4	5.3	<0.2
S00430030	<3	98	<1	3.2	5.9	0.5
S00430031	<3	17	<1	0.4	8.1	<0.2
S00430032	<3	67	<1	0.4	5.4	<0.2
S00430033	5	216	<1	1.1	6.0	<0.2
S00430034	<3	172	1	0.2	7.0	<0.2
S00430035	<3	127	1	0.3	7.3	<0.2
S00430036	<3	176	1	1.9	6.3	0.2
S00430037	<3	203	1	0.2	7.0	<0.2
S00430038	5	212	1	0.2	7.3	<0.2
S00430039	5	136	<1	0.8	6.5	<0.2
S00430040	<3	71	<1	<0.1	21.7	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Sample 50

ANALYSIS REPORT BBM21-09296

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430041	<3	264	1	0.2	7.3	<0.2
S00430042	<3	223	1	0.4	7.1	<0.2
S00430043	<3	129	1	0.3	7.1	0.2
S00430044	<3	103	<1	0.3	5.5	0.2
S00430045	<3	209	1	0.2	7.5	<0.2
S00430046	<3	44	<1	0.2	16.0	0.5
S00430047	<3	61	<1	0.3	5.4	<0.2
S00430048	<3	116	1	0.2	6.7	<0.2
S00430049	<3	68	<1	0.3	6.9	<0.2
S00430050	5	12	<1	0.5	1.0	0.8
*Dup S00430039	4	136	1	0.8	6.8	<0.2
*Blk BLANK	4	<10	<1	<0.1	<0.1	<0.2
*Rep S00430003	21	516	1	0.3	1.5	0.8
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5645	<10	2	991	3.2	14.5
*Std OREAS 927	16	297	2	58.7	0.5	1.0
*Std OREAS 623	80	1468	2	18.7	1.6	51.0
*Rep S00430005	<3	103	1	0.1	5.8	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	74	1311	2	16.8	1.4	54.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	15	301	2	56.5	0.5	1.1
*Std MP-2a	5823	<10	2	979	3.2	14.3

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430001	2.5	34	<0.1	11	0.83	0.4
S00430002	11.8	233	0.9	5	5.03	0.6
S00430003	29.9	195	1.5	120	4.74	1.4
S00430004	54.1	75	2.9	109	11.54	0.9
S00430005	59.4	32	0.5	375	8.69	0.6
S00430006	53.5	36	0.5	308	8.62	0.6
S00430007	47.7	83	2.7	124	10.80	0.7
S00430008	46.1	135	3.6	361	7.77	0.9
S00430009	55.9	82	1.9	152	11.53	0.6
S00430010	1.6	8	0.3	13	0.62	0.5
S00430011	52.9	67	2.0	110	11.47	0.6
S00430012	67.1	158	2.3	919	9.52	0.8
S00430013	90.3	169	1.9	1186	9.67	0.8
S00430014	45.4	82	1.6	304	8.71	0.6
S00430015	56.6	125	2.1	439	10.55	0.6
S00430016	49.8	105	1.8	274	10.06	0.6
S00430017	53.3	64	1.4	170	11.52	0.6
S00430018	52.5	60	1.5	186	11.63	0.5
S00430019	44.5	74	1.1	138	10.79	0.4
S00430020	198	3031	2.2	2888	11.53	0.2
S00430021	82.0	80	0.3	1617	8.29	0.4
S00430022	50.1	72	1.5	279	11.48	0.5
S00430023	70.8	177	2.5	396	10.25	0.7
S00430024	72.1	172	2.9	588	9.39	0.8
S00430025	55.3	110	2.2	430	11.12	0.6
S00430026	103	206	5.3	674	10.65	1.1
S00430027	107	292	4.4	804	9.56	1.0
S00430028	99.0	201	4.1	704	10.05	1.2
S00430029	100	164	1.0	1005	10.93	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430030	93.7	126	1.0	2007	9.86	0.4
S00430031	27.5	54	0.2	80	6.39	0.1
S00430032	54.0	80	0.4	301	10.36	0.3
S00430033	80.0	141	0.9	357	11.90	0.7
S00430034	50.7	65	1.8	164	11.61	0.8
S00430035	53.4	75	2.2	216	11.72	0.6
S00430036	81.4	166	2.6	530	11.27	0.7
S00430037	54.6	87	2.0	130	11.71	0.8
S00430038	55.6	68	2.3	115	12.09	0.7
S00430039	83.7	121	1.9	436	11.97	0.5
S00430040	2.3	62	0.4	13	0.73	0.5
S00430041	52.4	74	1.7	117	12.10	0.9
S00430042	59.5	87	2.1	193	12.10	0.8
S00430043	53.9	73	2.4	107	11.60	0.6
S00430044	59.3	95	1.4	545	11.86	0.5
S00430045	55.4	72	2.7	112	12.20	0.8
S00430046	44.1	74	0.5	727	8.27	0.2
S00430047	54.4	72	1.3	206	11.01	0.3
S00430048	51.5	57	2.4	114	11.16	0.6
S00430049	63.7	74	1.2	298	10.65	0.4
S00430050	356	3272	0.2	4156	16.75	<0.1
*Dup S00430039	80.8	118	1.9	427	11.90	0.5
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Rep S00430003	28.1	188	1.4	115	4.68	1.3
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Std MP-2a	5.6	154	5.6	449	5.29	1.3
*Std OREAS 927	30.1	85	5.0	11128	9.21	2.0
*Std OREAS 623	224	31	2.6	16948	14.61	1.6
*Rep S00430005	60.3	45	0.6	399	8.57	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Blk BLANK	<0.5	<5	<0.1	3	0.01	<0.1
*Std OREAS 623	211	44	2.7	16789	12.88	1.6
*Blk BLANK	<0.5	<5	<0.1	2	<0.01	<0.1
*Std OREAS 927	28.8	69	5.1	10799	8.70	2.1
*Std MP-2a	5.6	142	5.8	449	5.20	1.4

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430001	7.2	<5	0.48	73	<2	112
S00430002	27.1	19	3.43	224	3	306
S00430003	17.0	16	2.14	374	2	142
S00430004	15.7	12	3.66	1528	<2	63
S00430005	21.4	9	2.89	1092	<2	33
S00430006	22.7	8	2.79	1129	<2	34
S00430007	14.2	12	3.84	1500	<2	67
S00430008	19.7	12	2.93	909	<2	372
S00430009	16.9	10	3.66	1593	<2	100
S00430010	5.8	10	8.80	418	<2	<5
S00430011	16.1	11	3.82	1638	<2	55
S00430012	16.8	11	3.75	1213	2	577
S00430013	15.1	11	3.97	1176	3	1186
S00430014	18.1	12	3.38	1193	<2	190
S00430015	15.3	10	4.10	1489	<2	280
S00430016	14.7	10	3.54	1429	<2	200
S00430017	15.2	10	3.52	1530	<2	55
S00430018	16.3	12	3.74	1621	<2	53

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430019	17.1	10	3.60	1496	<2	98
S00430020	3.9	27	14.54	1325	<2	4147
S00430021	14.2	8	2.66	1294	<2	872
S00430022	17.0	12	3.80	1582	<2	71
S00430023	17.3	11	3.65	1257	3	594
S00430024	17.2	14	3.24	1072	2	669
S00430025	16.1	14	3.79	1452	<2	243
S00430026	16.3	23	3.76	1231	4	1100
S00430027	13.1	12	3.33	998	4	1338
S00430028	21.7	14	3.46	1154	3	1176
S00430029	15.0	13	3.52	1272	2	721
S00430030	10.9	13	3.03	1224	<2	685
S00430031	3.9	12	1.95	1216	<2	106
S00430032	12.4	17	3.23	1359	<2	224
S00430033	21.4	19	3.84	1371	2	517
S00430034	17.0	13	3.85	1632	<2	80
S00430035	15.6	11	3.97	1637	<2	84
S00430036	14.2	11	3.85	1434	2	660
S00430037	15.5	12	3.76	1684	<2	136
S00430038	17.0	12	3.92	1713	<2	62
S00430039	15.3	11	3.79	1626	<2	491
S00430040	7.4	10	10.14	476	<2	6
S00430041	17.1	14	4.08	1666	<2	61
S00430042	16.7	12	4.15	1647	<2	191
S00430043	15.2	11	4.11	1604	<2	57
S00430044	18.6	22	4.34	1543	<2	177
S00430045	16.1	10	3.95	1725	<2	60
S00430046	15.9	12	2.88	1721	<2	171
S00430047	16.1	13	3.80	1475	<2	117

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430048	15.5	8	3.63	1625	<2	61
S00430049	13.3	10	3.35	1519	<2	172
S00430050	1.3	<5	14.84	993	<2	15887
*Dup S00430039	15.8	10	3.92	1639	<2	492
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Rep S00430003	16.5	16	2.12	371	2	141
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std MP-2a	151	88	0.10	1022	1668	10
*Std OREAS 927	34.4	37	2.30	1199	<2	30
*Std OREAS 623	27.4	16	1.37	583	9	15
*Rep S00430005	22.4	9	2.73	1172	<2	41
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 623	25.5	16	1.25	572	9	23
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 927	35.7	36	2.22	1154	<2	30
*Std MP-2a	148	94	0.10	1066	1631	10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430001	0.02	5	<1	<1	30.1	<1
S00430002	0.04	5	<1	<1	24.0	1
S00430003	0.02	20	<1	<1	29.3	<1
S00430004	0.09	5	<1	<1	20.9	1
S00430005	0.10	8	<1	<1	23.0	<1
S00430006	0.10	8	<1	<1	23.5	1
S00430007	0.09	6	<1	<1	21.3	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430008	0.06	7	<1	<1	26.5	<1
S00430009	0.09	5	<1	<1	22.8	2
S00430010	0.02	6	<1	<1	6.1	<1
S00430011	0.10	5	<1	<1	21.8	2
S00430012	0.07	6	<1	<1	24.6	2
S00430013	0.06	7	<1	<1	24.1	2
S00430014	0.10	6	<1	<1	25.6	2
S00430015	0.08	6	<1	<1	23.1	1
S00430016	0.09	5	<1	<1	21.1	2
S00430017	0.10	5	<1	<1	21.9	1
S00430018	0.11	5	<1	<1	21.9	<1
S00430019	0.11	6	<1	<1	22.4	<1
S00430020	0.03	5	2	4	17.7	1
S00430021	0.06	9	1	<1	22.7	1
S00430022	0.10	6	<1	<1	22.1	1
S00430023	0.06	7	<1	<1	24.9	3
S00430024	0.06	6	<1	<1	25.6	1
S00430025	0.10	6	<1	<1	22.9	2
S00430026	0.07	3	<1	<1	23.9	<1
S00430027	0.04	5	1	<1	26.0	2
S00430028	0.05	7	1	<1	24.5	<1
S00430029	0.06	10	1	<1	24.3	1
S00430030	0.05	7	1	<1	26.6	5
S00430031	0.03	3	<1	<1	29.3	<1
S00430032	0.06	7	<1	<1	25.9	2
S00430033	0.08	8	<1	<1	23.3	<1
S00430034	0.10	5	<1	<1	22.6	1
S00430035	0.10	6	<1	<1	23.1	2
S00430036	0.07	5	<1	<1	23.0	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430037	0.11	5	<1	<1	22.2	3
S00430038	0.11	6	<1	<1	23.0	<1
S00430039	0.09	6	<1	<1	23.0	<1
S00430040	0.02	6	<1	<1	6.5	<1
S00430041	0.11	7	<1	<1	23.6	1
S00430042	0.11	6	<1	<1	23.6	1
S00430043	0.15	4	<1	<1	23.2	1
S00430044	0.11	4	<1	<1	23.5	1
S00430045	0.11	5	<1	<1	23.5	2
S00430046	0.06	5	<1	<1	17.9	3
S00430047	0.09	4	<1	<1	20.2	1
S00430048	0.09	4	<1	<1	20.7	1
S00430049	0.07	5	<1	<1	20.5	1
S00430050	<0.01	13	8	2	13.2	4
*Dup S00430039	0.09	7	<1	<1	23.3	1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Rep S00430003	0.03	19	<1	<1	28.8	<1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std MP-2a	0.02	2653	<1	7	32.0	539
*Std OREAS 927	0.06	215	2	2	30.3	26
*Std OREAS 623	0.08	2536	10	27	25.0	10
*Rep S00430005	0.12	9	<1	<1	25.3	<1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	1
*Std OREAS 623	0.05	2404	9	28	21.8	11
*Blk BLANK	<0.01	<2	<1	<1	<0.1	2
*Std OREAS 927	0.05	193	2	2	27.8	25
*Std MP-2a	0.02	2804	1	7	29.9	549

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430001	80	<1	0.10	15	<5	15.3
S00430002	73	<1	0.36	187	<5	35.0
S00430003	112	<1	0.35	159	<5	12.4
S00430004	142	<1	1.46	437	<5	25.8
S00430005	218	<1	1.04	225	<5	25.6
S00430006	230	<1	1.22	328	<5	28.6
S00430007	157	<1	1.35	382	<5	25.4
S00430008	168	<1	0.79	237	<5	19.2
S00430009	162	<1	1.38	384	<5	26.2
S00430010	142	<1	0.06	13	<5	6.2
S00430011	158	<1	1.43	392	<5	26.1
S00430012	179	<1	1.03	341	<5	21.9
S00430013	196	<1	0.90	325	<5	20.2
S00430014	194	<1	1.16	340	<5	23.1
S00430015	195	<1	1.20	367	<5	23.8
S00430016	178	<1	1.28	381	<5	23.9
S00430017	154	<1	1.47	407	<5	27.3
S00430018	159	<1	1.52	421	<5	27.5
S00430019	191	<1	1.46	415	<5	27.7
S00430020	30	1	0.33	138	<5	8.1
S00430021	188	<1	0.84	242	<5	18.0
S00430022	184	<1	1.54	422	<5	27.9
S00430023	219	<1	0.83	289	<5	19.9
S00430024	197	<1	0.79	269	<5	18.4
S00430025	195	<1	1.36	395	<5	25.4
S00430026	116	1	0.78	297	<5	17.7
S00430027	135	1	0.48	256	<5	13.9
S00430028	204	1	0.60	253	<5	18.7
S00430029	174	<1	0.73	323	<5	16.2

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 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09296

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430030	133	2	0.57	239	<5	12.4
S00430031	76	<1	0.31	134	<5	5.3
S00430032	144	<1	1.09	343	<5	17.0
S00430033	197	<1	1.12	359	<5	22.4
S00430034	158	<1	1.55	426	<5	27.4
S00430035	170	<1	1.53	431	<5	28.2
S00430036	187	<1	1.02	359	<5	21.2
S00430037	166	<1	1.55	419	<5	27.9
S00430038	194	<1	1.49	422	<5	26.9
S00430039	197	<1	1.28	391	<5	24.5
S00430040	133	<1	0.07	15	<5	22.3
S00430041	176	<1	1.46	399	<5	26.7
S00430042	186	<1	1.46	387	<5	25.9
S00430043	168	<1	1.48	387	<5	26.0
S00430044	143	<1	1.55	410	<5	27.0
S00430045	182	<1	1.53	412	<5	27.2
S00430046	157	<1	1.01	262	<5	18.3
S00430047	150	<1	1.42	392	<5	25.9
S00430048	184	<1	1.46	387	<5	26.1
S00430049	186	<1	1.21	350	<5	21.5
S00430050	<10	1	0.10	72	<5	3.2
*Dup S00430039	193	<1	1.30	394	<5	24.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430003	113	<1	0.35	160	<5	11.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3528	232
*Std OREAS 927	33	<1	0.35	83	8	22.4
*Std OREAS 623	83	<1	0.17	26	6	16.7
*Rep S00430005	216	<1	1.07	250	<5	25.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09296

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	82	<1	0.15	26	<5	16.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.34	77	7	21.5
*Std MP-2a	14	6	0.03	<5	3424	217

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430001	1.4	5	0.032	1.27013	17.23	1.30
S00430002	3.3	34	0.010	3.16937	19.42	0.55
S00430003	1.5	167	0.128	-	-	-
S00430004	2.7	112	0.164	-	-	-
S00430005	2.7	82	0.523	-	-	-
S00430006	2.9	85	0.383	-	-	-
S00430007	2.6	110	0.070	-	-	-
S00430008	2.2	88	0.230	-	-	-
S00430009	2.8	115	0.185	-	-	-
S00430010	0.5	31	0.012	-	-	-
S00430011	2.7	115	0.167	-	-	-
S00430012	2.3	115	0.364	-	-	-
S00430013	2.2	108	0.691	-	-	-
S00430014	2.5	97	0.087	-	-	-
S00430015	2.5	115	0.153	-	-	-
S00430016	2.5	111	0.134	-	-	-
S00430017	2.8	120	0.191	-	-	-
S00430018	2.9	119	0.130	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09296

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430019	2.8	118	0.027	-	-	-
S00430020	0.9	106	1.810	-	-	-
S00430021	2.0	97	1.087	-	-	-
S00430022	2.9	123	0.049	-	-	-
S00430023	2.0	101	0.415	-	-	-
S00430024	1.8	102	0.518	-	-	-
S00430025	2.5	123	0.188	-	-	-
S00430026	2.0	114	0.820	-	-	-
S00430027	1.5	99	1.085	-	-	-
S00430028	2.0	102	0.949	-	-	-
S00430029	1.8	97	1.127	-	-	-
S00430030	1.6	109	1.145	-	-	-
S00430031	0.7	67	0.030	-	-	-
S00430032	1.7	102	0.369	-	-	-
S00430033	2.3	107	0.783	-	-	-
S00430034	2.9	117	0.139	-	-	-
S00430035	2.9	120	0.105	-	-	-
S00430036	2.2	119	0.629	-	-	-
S00430037	3.0	128	0.112	-	-	-
S00430038	2.8	128	0.197	-	-	-
S00430039	2.6	122	0.708	-	-	-
S00430040	0.6	35	0.015	-	-	-
S00430041	2.8	127	0.217	-	-	-
S00430042	2.8	127	0.338	-	-	-
S00430043	2.8	139	0.139	-	-	-
S00430044	3.0	125	0.430	-	-	-
S00430045	2.9	131	0.151	-	-	-
S00430046	2.2	104	0.337	-	-	-
S00430047	2.8	123	0.249	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09296

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430048	2.9	128	0.132	-	-	-
S00430049	2.4	122	0.416	-	-	-
S00430050	0.4	95	7.254	-	-	-
*Dup S00430039	2.5	124	0.674	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Rep S00430003	1.3	161	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std MP-2a	29.2	5948	-	-	-	-
*Std OREAS 927	2.2	735	-	-	-	-
*Std OREAS 623	1.9	9972	-	-	-	-
*Rep S00430005	2.9	100	-	-	-	-
*Blk BLANK	-	-	-	99.9900	<0.01	<0.01
*Std OREAS 751	-	-	-	0.69600	15.82	1.05
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 623	1.9	9729	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 927	2.3	721	-	-	-	-
*Std MP-2a	28.3	6009	-	-	-	-
*Rep S00430004	-	-	0.163	-	-	-
*Std GS314-2	-	-	2.578	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Std GS314-2	-	-	2.569	-	-	-
*Rep S00430032	-	-	0.372	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Sample 50

ANALYSIS REPORT BBM21-09296

Element	@Cr2O3	@Fe2O3	@K2O	@MgO	Mn3O4	@Na2O
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	5	100	70	100	100	60
Unit	%	%	%	%	%	%
S00430001	<0.01	1.25	0.45	0.78	0.02	9.37
S00430002	0.03	7.22	0.69	5.68	0.03	7.29
*Blk BLANK	<0.01	<0.01	<0.01	0.02	<0.01	<0.01
*Std OREAS 751	<0.01	2.43	2.91	0.54	0.09	3.43

Element	@P2O5	@SiO2	@TiO2	@V2O5	Sum
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01
Upper Limit	55	100	100	10	100
Unit	%	%	%	%	%
S00430001	0.05	67.89	0.16	<0.01	98.57
S00430002	0.09	55.52	0.62	0.03	97.24
*Blk BLANK	<0.01	0.02	<0.01	<0.01	0.04
*Std OREAS 751	0.28	71.05	0.24	<0.01	97.98

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09373

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	10-May-2021
Project	Shakespeare exploration	Date Analysed	17-May-2021 - 03-Jun-2021
Submission Number	*SD* Shaespeare/ 50 Core	Date Completed	03-Jun-2021
Number of Samples	50	SGS Order Number	BBM21-09373

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

This Report cancels and supersedes the report BBM_U0010457680 dated 3-Jun-2021 issued by SGS Canada (Burnaby).
Sample IDs updated to include the prefix "S00".

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430051	3.25	<5	<10	<5	<1	6.80
S00430052	3.10	<5	<10	<5	<1	6.75
S00430053	2.21	<5	<10	<5	<1	6.88
S00430054	0.93	<5	<10	<5	<1	6.77
S00430055	3.97	<5	<10	<5	<1	6.66
S00430056	4.05	<5	<10	<5	<1	6.91
S00430057	3.76	<5	<10	<5	<1	6.83
S00430058	3.15	<5	<10	<5	<1	6.68
S00430059	1.24	<5	<10	<5	<1	6.64
S00430060	0.64	<5	<10	<5	<1	0.96
S00430061	3.28	<5	<10	5	<1	7.18
S00430062	3.97	<5	<10	19	<1	6.90
S00430063	4.23	<5	<10	<5	<1	7.32
S00430064	3.71	<5	<10	<5	<1	5.54
S00430065	3.54	<5	<10	<5	<1	7.50
S00430066	3.54	<5	<10	<5	<1	7.19
S00430067	0.89	<5	<10	<5	<1	7.36
S00430068	2.80	<5	<10	<5	<1	7.39
S00430069	3.11	<5	10	24	<1	6.98
S00430070	0.11	65	430	560	<1	2.81
S00430071	2.74	<5	<10	<5	<1	7.89
S00430072	1.10	<5	<10	<5	<1	7.55
S00430073	2.31	<5	<10	<5	<1	7.21
S00430074	3.22	<5	<10	<5	<1	6.95
S00430075	3.42	<5	<10	21	<1	8.15
S00430076	1.42	<5	<10	10	<1	7.40
S00430077	2.10	6	<10	12	<1	7.67
S00430078	2.12	30	<10	<5	<1	7.54
S00430079	1.57	<5	<10	<5	<1	6.86

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430080	1.69	<5	<10	<5	<1	7.11
S00430081	3.99	<5	<10	<5	<1	7.00
S00430082	3.49	<5	<10	<5	<1	7.10
S00430083	2.14	<5	<10	<5	<1	7.11
S00430084	2.86	<5	<10	9	<1	6.99
S00430085	4.02	<5	<10	<5	<1	7.20
S00430086	4.21	<5	<10	<5	<1	7.11
S00430087	3.58	<5	<10	<5	<1	6.31
S00430088	3.23	14	60	42	<1	8.05
S00430089	2.05	7	<10	7	<1	7.67
S00430090	0.67	<5	<10	<5	<1	1.00
S00430091	3.81	15	<10	<5	<1	7.53
S00430092	2.33	<5	<10	<5	<1	7.12
S00430093	4.15	<5	<10	<5	<1	6.86
S00430094	3.56	<5	<10	5	<1	7.18
S00430095	3.69	<5	<10	<5	<1	6.88
S00430096	3.13	<5	<10	6	<1	7.04
S00430097	2.64	<5	<10	<5	<1	7.19
S00430098	3.56	<5	<10	5	<1	7.31
S00430099	1.99	<5	<10	15	<1	7.50
S00430100	0.11	55	560	989	2	1.42
*Dup S00430089	-	<5	<10	8	<1	7.68
*Std OREAS 45f	-	18	40	59	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430056	-	<5	<10	<5	-	-
*Std OREAS 680	-	156	420	221	-	-
*Std OREAS 681	-	51	530	234	-	-
*Blk BLANK	-	-	-	-	<1	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09373

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 927	-	-	-	-	4	6.66
*Std OREAS 6 3	-	-	-	-	19	5.37
*Std MP-2a	-	-	-	-	4	5.74
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 927	-	-	-	-	4	6.59
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 623	-	-	-	-	19	5.06
*Rep S00430055	-	-	-	-	<1	6.88
*Blk BLANK	-	-	-	-	<1	<0.01
*Rep S00430076	-	-	-	-	<1	7.69
*Std OREAS 927	-	-	-	-	7	6.68
*Std MP-2a	-	-	-	-	3	6.26
*Rep S00430084	-	<5	<10	11	-	-
*Std OREAS 45f	-	19	40	60	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	410	223	-	-
*Std OREAS 681	-	52	550	255	-	-
*Blk BLANK	-	<5	<10	<5	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430051	<3	150	1	0.2	6.7	<0.2
S00430052	<3	127	<1	0.2	6.9	0.2
S00430053	<3	189	1	0.1	6.6	<0.2
S00430054	<3	208	<1	<0.1	6.6	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430055	<3	144	1	0.1	6.7	<0.2
S00430056	<3	187	1	0.1	6.7	<0.2
S00430057	<3	148	1	<0.1	6.8	<0.2
S00430058	<3	82	1	0.2	5.5	<0.2
S00430059	4	107	<1	0.2	7.4	<0.2
S00430060	<3	64	<1	<0.1	20.3	<0.2
S00430061	4	108	1	0.2	6.5	<0.2
S00430062	<3	81	1	0.2	7.0	<0.2
S00430063	<3	46	1	0.2	6.5	<0.2
S00430064	3	59	<1	0.1	12.4	0.3
S00430065	<3	186	<1	<0.1	7.8	<0.2
S00430066	<3	179	<1	0.1	7.3	0.2
S00430067	6	104	<1	0.2	8.3	<0.2
S00430068	4	90	<1	<0.1	7.6	0.3
S00430069	3	85	<1	0.2	7.9	<0.2
S00430070	195	72	<1	0.1	3.3	0.4
S00430071	<3	18	1	0.2	7.4	<0.2
S00430072	<3	28	2	0.2	6.0	<0.2
S00430073	<3	22	2	0.2	6.3	<0.2
S00430074	<3	45	2	0.2	6.3	<0.2
S00430075	8	214	<1	0.2	7.7	0.2
S00430076	<3	51	<1	0.2	7.5	0.2
S00430077	4	<10	<1	0.3	8.1	0.5
S00430078	4	16	1	0.3	7.4	0.4
S00430079	<3	68	2	0.2	7.5	<0.2
S00430080	<3	68	2	0.2	7.3	<0.2
S00430081	<3	221	2	0.2	6.7	<0.2
S00430082	<3	193	1	0.2	6.8	<0.2
S00430083	<3	254	1	0.1	6.9	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430084	<3	140	1	0.3	6.5	0.2
S00430085	<3	233	1	0.3	7.0	<0.2
S00430086	<3	156	1	0.2	7.1	<0.2
S00430087	<3	83	1	0.1	6.7	<0.2
S00430088	<3	86	<1	0.3	5.5	0.5
S00430089	<3	352	<1	0.3	11.1	0.3
S00430090	<3	36	<1	0.1	19.2	0.4
S00430091	<3	117	<1	0.3	6.2	0.9
S00430092	<3	145	1	0.4	6.5	<0.2
S00430093	<3	169	1	0.1	6.9	<0.2
S00430094	<3	178	<1	0.1	7.2	<0.2
S00430095	<3	147	1	0.1	6.8	<0.2
S00430096	<3	74	<1	0.2	6.7	<0.2
S00430097	<3	82	1	0.2	7.4	<0.2
S00430098	<3	56	<1	0.2	7.0	<0.2
S00430099	<3	190	<1	0.1	7.1	<0.2
S00430100	6	11	<1	0.5	1.1	0.7
*Dup S00430089	<3	346	<1	0.3	11.4	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	19	319	2	64.4	0.5	1.0
*Std OREAS 623	76	1347	2	16.4	1.5	53.7
*Std MP-2a	5468	<10	1	951	3.1	14.7
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 927	17	314	2	57.5	0.5	0.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	74	1311	2	16.8	1.4	54.4
*Rep S00430055	<3	144	1	0.1	6.8	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09373

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Rep S00430076	<3	50	1	0.2	7.8	0.3
*Std OREAS 927	15	301	2	56.5	0.5	1.1
*Std MP a	5823	<10	2	979	3.2	14.3

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430051	54.4	60	2.5	99	11.99	0.7
S00430052	51.9	57	2.5	74	11.36	0.6
S00430053	52.0	59	2.5	63	11.33	0.7
S00430054	50.6	69	1.2	76	11.20	0.7
S00430055	52.3	46	2.2	83	11.50	0.6
S00430056	52.2	51	3.3	83	11.62	0.8
S00430057	52.2	55	1.9	82	11.27	0.7
S00430058	50.7	58	0.4	123	10.91	0.5
S00430059	43.5	100	0.4	65	8.86	0.4
S00430060	2.1	20	0.3	14	0.70	0.5
S00430061	49.2	111	0.6	38	9.43	0.4
S00430062	46.8	97	0.4	52	8.92	0.3
S00430063	46.8	114	0.2	88	9.34	0.2
S00430064	51.0	99	0.3	207	8.76	0.2
S00430065	47.3	122	0.8	84	7.66	0.8
S00430066	46.8	122	0.8	133	7.37	0.8
S00430067	43.5	113	0.4	53	6.91	0.6
S00430068	47.9	140	0.7	80	7.32	0.5
S00430069	46.7	130	0.5	50	7.84	0.4
S00430070	190	2649	2.2	2818	10.92	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430071	43.5	146	0.5	196	8.23	0.2
S00430072	49.6	65	1.0	45	10.22	0.2
S00430073	53.6	54	0.9	204	10.44	0.2
S00430074	53.0	72	1.8	136	10.79	0.3
S00430075	44.6	184	0.7	75	7.06	0.8
S00430076	42.3	202	0.2	89	7.84	0.3
S00430077	49.7	189	0.2	731	9.36	0.2
S00430078	51.8	59	0.4	1037	9.91	0.2
S00430079	52.9	63	2.1	132	11.04	0.4
S00430080	52.8	59	2.2	106	11.07	0.5
S00430081	53.0	58	5.8	99	11.37	1.1
S00430082	53.1	55	4.6	113	11.58	0.9
S00430083	53.4	47	3.1	101	12.02	0.9
S00430084	65.4	72	2.1	87	11.05	0.7
S00430085	56.4	52	3.5	80	12.25	0.9
S00430086	52.5	69	2.4	95	11.29	0.7
S00430087	51.0	61	1.4	108	10.25	0.4
S00430088	63.0	167	1.6	1010	10.87	0.4
S00430089	38.9	93	0.8	553	8.17	0.8
S00430090	1.9	26	0.3	14	0.65	0.4
S00430091	57.9	70	2.5	1618	11.18	0.6
S00430092	51.2	67	3.0	96	10.95	0.8
S00430093	53.5	61	2.3	111	11.32	0.7
S00430094	56.0	75	2.3	125	11.77	0.7
S00430095	54.1	60	2.2	161	11.46	0.6
S00430096	49.2	139	0.5	95	10.14	0.4
S00430097	49.8	123	0.7	174	9.42	0.3
S00430098	50.6	132	0.6	172	9.44	0.3
S00430099	46.7	187	1.3	40	8.82	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430100	347	3369	0.2	4115	17.03	<0.1
*Dup S00430089	38.1	97	0.8	539	8.01	0.7
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Std OREAS 927	29.9	98	4.8	10753	8.97	1.9
*Std OREAS 623	215	34	2.5	17252	13.58	1.5
*Std MP-2a	5.2	138	5.1	433	4.93	1.2
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Std OREAS 927	29.0	88	5.4	10593	8.55	2.1
*Blk BLANK	<0.5	<5	<0.1	3	0.01	<0.1
*Std OREAS 623	211	44	2.7	16789	12.88	1.6
*Rep S00430055	52.7	55	2.2	87	11.73	0.6
*Blk BLANK	<0.5	<5	<0.1	2	<0.01	<0.1
*Rep S00430076	43.2	190	0.2	93	7.81	0.3
*Std OREAS 927	28.8	69	5.1	10799	8.70	2.1
*Std MP-2a	5.6	142	5.8	449	5.20	1.4

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430051	16.5	11	3.45	1689	<2	54
S00430052	12.7	9	3.55	1709	<2	59
S00430053	15.2	9	3.48	1686	<2	51
S00430054	15.1	10	3.35	1651	<2	52
S00430055	16.9	9	3.19	1677	<2	47
S00430056	16.8	9	3.39	1685	<2	48
S00430057	15.2	10	3.39	1677	<2	53

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430058	13.0	27	3.97	1381	<2	58
S00430059	8.9	22	4.18	1441	<2	118
S00430060	5.5	9	8.82	472	<2	12
S00430061	9.5	15	5.18	1579	<2	164
S00430062	9.3	13	5.14	1506	<2	158
S00430063	15.9	14	5.01	1517	<2	156
S00430064	109	16	4.46	1726	<2	124
S00430065	6.7	9	4.78	1450	<2	142
S00430066	7.7	8	4.61	1402	<2	155
S00430067	6.3	7	4.42	1269	<2	138
S00430068	6.1	7	4.73	1340	<2	167
S00430069	21.2	7	5.02	1398	<2	146
S00430070	3.6	28	14.24	1321	<2	3944
S00430071	16.8	11	3.71	1243	<2	92
S00430072	17.1	13	3.99	1422	<2	68
S00430073	16.7	13	3.75	1423	<2	58
S00430074	15.0	13	3.61	1473	<2	56
S00430075	6.8	7	4.72	1270	<2	131
S00430076	6.7	7	4.43	1350	<2	132
S00430077	32.9	12	4.83	1398	<2	134
S00430078	16.6	15	4.08	1392	<2	83
S00430079	20.0	19	3.59	1592	<2	53
S00430080	17.4	20	3.57	1620	<2	62
S00430081	15.6	14	3.58	1674	<2	60
S00430082	16.2	14	3.49	1704	<2	54
S00430083	15.5	13	3.45	1821	<2	51
S00430084	14.3	9	3.20	1584	<2	160
S00430085	16.1	12	3.58	1796	<2	62
S00430086	14.5	13	3.63	1652	<2	59

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430087	15.9	9	3.46	1522	<2	56
S00430088	16.1	19	4.62	1472	<2	179
S00430089	16.5	19	3.65	1379	<2	123
S00430090	4.0	8	8.31	468	<2	12
S00430091	14.8	14	3.98	1534	<2	69
S00430092	15.0	10	3.62	1589	<2	55
S00430093	15.7	11	3.84	1686	<2	65
S00430094	16.4	11	3.71	1732	<2	88
S00430095	16.4	11	3.57	1587	<2	63
S00430096	15.5	12	4.05	1448	<2	92
S00430097	14.7	8	4.03	1480	<2	93
S00430098	12.4	9	4.28	1450	<2	100
S00430099	10.7	9	4.46	1486	<2	119
S00430100	1.3	<5	14.87	983	2	15741
*Dup S00430089	16.9	18	3.58	1374	<2	120
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 927	37.8	34	2.26	1174	<2	34
*Std OREAS 623	24.6	15	1.30	607	9	20
*Std MP-2a	146	83	0.09	980	1650	8
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 927	37.2	34	2.14	1141	<2	30
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 623	25.5	16	1.25	572	9	23
*Rep S00430055	16.6	9	3.28	1720	<2	62
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Rep S00430076	6.6	7	4.72	1375	<2	134
*Std OREAS 927	35.7	36	2.22	1154	<2	30
*Std MP-2a	148	94	0.10	1066	1631	10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430051	0.09	4	<1	<1	20.9	2
S00430052	0.07	4	<1	<1	20.8	1
S00430053	0.09	4	<1	<1	21.0	1
S00430054	0.09	3	<1	<1	20.8	1
S00430055	0.10	4	<1	<1	20.5	1
S00430056	0.10	4	<1	<1	21.0	2
S00430057	0.09	3	<1	<1	20.5	3
S00430058	0.09	4	<1	<1	20.1	1
S00430059	0.03	4	<1	<1	19.9	<1
S00430060	0.02	11	<1	<1	5.9	<1
S00430061	0.03	5	<1	<1	21.3	<1
S00430062	0.04	5	<1	<1	20.9	<1
S00430063	0.06	7	<1	<1	21.2	2
S00430064	0.21	16	<1	<1	16.4	<1
S00430065	0.03	5	<1	<1	23.3	<1
S00430066	0.03	5	<1	<1	23.3	<1
S00430067	0.03	5	<1	<1	21.7	<1
S00430068	0.02	4	<1	<1	22.1	4
S00430069	0.04	5	<1	<1	21.8	<1
S00430070	0.03	5	2	4	16.5	<1
S00430071	0.09	8	<1	<1	21.6	1
S00430072	0.10	5	<1	<1	20.5	2
S00430073	0.10	5	<1	<1	21.2	1
S00430074	0.09	5	<1	<1	20.8	1
S00430075	0.03	7	<1	<1	22.6	<1
S00430076	0.02	7	<1	<1	22.3	<1
S00430077	0.07	15	<1	<1	21.8	<1
S00430078	0.10	7	<1	<1	21.3	1
S00430079	0.11	6	<1	<1	20.8	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430080	0.10	5	<1	<1	20.9	1
S00430081	0.09	5	<1	<1	21.0	1
S00430082	0.10	4	<1	<1	21.2	2
S00430083	0.09	3	<1	<1	21.4	2
S00430084	0.08	4	<1	<1	22.5	2
S00430085	0.09	4	<1	<1	21.5	3
S00430086	0.09	4	<1	<1	21.3	2
S00430087	0.08	4	<1	<1	21.2	2
S00430088	0.08	4	<1	<1	20.2	<1
S00430089	0.09	7	<1	<1	15.8	1
S00430090	0.01	6	<1	<1	6.7	<1
S00430091	0.09	5	<1	<1	20.8	1
S00430092	0.09	5	<1	<1	22.2	1
S00430093	0.10	4	<1	<1	21.5	1
S00430094	0.11	3	<1	<1	22.2	5
S00430095	0.10	4	<1	<1	21.1	1
S00430096	0.08	6	<1	<1	21.8	1
S00430097	0.10	5	<1	<1	22.6	2
S00430098	0.07	4	<1	<1	22.4	1
S00430099	0.05	4	<1	<1	22.8	<1
S00430100	0.01	13	7	2	13.5	4
*Dup S00430089	0.09	6	<1	<1	15.7	1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std OREAS 927	0.06	196	2	2	28.2	25
*Std OREAS 623	0.06	2396	9	27	22.8	11
*Std MP-2a	0.01	2640	<1	7	28.5	517
*Blk BLANK	<0.01	<2	<1	<1	<0.1	2
*Std OREAS 927	0.06	207	2	2	31.2	25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09373

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Blk BLANK	<0.01	<2	<1	<1	<0.1	1
*Std OREAS 623	0.05	2404	9	28	21.8	11
*Rep S00430055	0.10	4	<1	<1	21.2	1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	2
*Rep S00430076	0.02	7	<1	<1	23.1	<1
*Std OREAS 927	0.05	193	2	2	27.8	25
*Std MP-2a	0.02	2804	1	7	29.9	549

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430051	169	<1	1.60	437	<5	28.1
S00430052	187	<1	1.47	404	<5	24.0
S00430053	190	<1	1.42	384	<5	25.5
S00430054	185	<1	1.45	381	<5	25.2
S00430055	179	1	1.54	403	5	27.9
S00430056	173	<1	1.55	405	<5	27.7
S00430057	159	<1	1.47	398	<5	26.9
S00430058	123	<1	1.48	389	<5	25.7
S00430059	144	<1	0.56	244	<5	16.7
S00430060	133	<1	0.06	15	<5	6.1
S00430061	165	<1	0.40	261	<5	16.6
S00430062	146	<1	0.55	277	<5	16.6
S00430063	166	<1	0.40	280	<5	22.4
S00430064	143	<1	0.48	199	<5	61.1
S00430065	181	<1	0.41	235	<5	12.6
S00430066	188	<1	0.40	229	<5	12.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430067	183	<1	0.35	218	<5	11.0
S00430068	184	<1	0.40	228	<5	13.6
S00430069	170	<1	0.37	221	<5	16.2
S00430070	31	<1	0.33	131	<5	7.8
S00430071	190	<1	1.26	356	<5	32.3
S00430072	123	<1	1.70	437	<5	31.7
S00430073	131	<1	1.54	424	<5	28.3
S00430074	129	<1	1.47	398	<5	26.7
S00430075	202	<1	0.38	212	<5	11.6
S00430076	190	<1	0.38	221	<5	13.1
S00430077	211	<1	0.53	271	<5	29.4
S00430078	169	<1	1.59	396	<5	29.0
S00430079	141	<1	1.40	384	<5	28.0
S00430080	142	<1	1.46	387	<5	28.0
S00430081	134	<1	1.48	399	<5	27.5
S00430082	137	<1	1.55	409	<5	28.2
S00430083	147	<1	1.64	422	<5	28.1
S00430084	165	<1	1.49	388	<5	26.9
S00430085	151	<1	1.62	427	<5	27.8
S00430086	173	<1	1.48	413	<5	24.0
S00430087	169	<1	1.26	408	<5	22.8
S00430088	178	<1	1.38	382	<5	25.2
S00430089	222	<1	1.46	344	<5	26.8
S00430090	120	<1	0.06	12	<5	6.9
S00430091	160	<1	1.51	378	<5	27.2
S00430092	147	<1	1.36	376	<5	24.1
S00430093	147	<1	1.40	371	<5	25.0
S00430094	152	<1	1.45	391	<5	25.9
S00430095	151	<1	1.44	387	<5	25.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09373

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430096	175	<1	1.13	327	<5	21.7
S00430097	193	<1	1.31	365	<5	24.4
S00430098	191	<1	1.04	324	<5	20.7
S00430099	225	<1	0.76	248	<5	16.2
S00430100	<10	1	0.10	70	<5	3.2
*Dup S00430089	240	<1	1.46	345	<5	26.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.34	76	10	21.5
*Std OREAS 623	81	<1	0.16	25	<5	16.0
*Std MP-2a	14	6	0.03	<5	3379	217
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.35	77	8	22.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	82	<1	0.15	26	<5	16.2
*Rep S00430055	179	<1	1.57	407	<5	28.1
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430076	192	<1	0.39	227	<5	13.7
*Std OREAS 927	31	<1	0.34	77	7	21.5
*Std MP-2a	14	6	0.03	<5	3424	217

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430051	3.0	141	0.183
S00430052	2.4	141	0.163
S00430053	2.8	148	0.145

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09373

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430054	2.7	134	0.173
S00430055	2.9	138	0.208
S00430056	2.9	139	0.183
S00430057	2.7	128	0.194
S00430058	2.8	87	0.273
S00430059	1.6	75	0.076
S00430060	0.5	37	0.016
S00430061	1.6	88	0.037
S00430062	1.7	85	0.035
S00430063	1.8	91	0.038
S00430064	4.3	98	0.172
S00430065	1.3	77	0.035
S00430066	1.4	79	0.056
S00430067	1.2	66	0.072
S00430068	1.2	72	0.039
S00430069	1.5	78	0.033
S00430070	0.8	104	1.893
S00430071	2.9	88	0.079
S00430072	3.4	107	0.053
S00430073	3.1	101	0.271
S00430074	2.8	103	0.408
S00430075	1.2	70	0.032
S00430076	1.3	76	0.033
S00430077	2.4	111	0.132
S00430078	2.9	111	0.212
S00430079	2.8	105	0.317
S00430080	2.7	108	0.286
S00430081	2.9	106	0.237
S00430082	2.8	107	0.226
S00430083	2.8	111	0.190
S00430084	2.5	103	0.434

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09373

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430085	2.9	115	0.205
S00430086	2.6	111	0.207
S00430087	2.6	100	0.235
S00430088	2.6	111	0.373
S00430089	2.8	78	0.114
S00430090	0.5	33	0.019
S00430091	2.7	117	0.639
S00430092	2.6	111	0.215
S00430093	2.8	121	0.229
S00430094	2.9	121	0.259
S00430095	2.8	113	0.308
S00430096	2.5	109	0.196
S00430097	2.8	101	0.173
S00430098	2.3	103	0.175
S00430099	1.9	98	0.054
S00430100	0.3	91	7.293
*Dup S00430089	2.9	80	0.118
*Std GS314-2	-	-	2.632
*Blk BLANK	-	-	<0.005
*Rep S00430079	-	-	0.321
*Std GS314-2	-	-	2.585
*Blk BLANK	-	-	<0.005
*Rep S00430100	-	-	7.328
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.4	669	-
*Std OREAS 623	1.7	9851	-
*Std MP-2a	28.9	5468	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.4	711	-
*Blk BLANK	<0.1	<5	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shaespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09373

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std OREAS 623	1.9	9729	-
*Rep S00430055	3.1	140	-
*Blk BLANK	<0.1	<5	-
*Rep S00430076	1.3	79	-
*Std OREAS 927	2.3	721	-
*Std MP-2a	28.3	6009	-
*Std GS314-2	-	-	2.578
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.569
*Blk BLANK	-	-	<0.005

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09438

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	13-May-2021
Project	Shakespeare exploration	Date Analysed	17-May-2021 - 03-Jun-2021
Submission Number	*SD* SHAKESPEARE / 50 Core	Date Completed	03-Jun-2021
Number of Samples	50	SGS Order Number	BBM21-09438

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion
1	GO_XRF72	Borate Fusion, XRF, Ore Grade, variable wt.g

Comments

This Report cancels and supersedes the report BBM_U0010457897 dated 3-Jun-2021 issued by SGS Canada (Burnaby).
Sample IDs updated to include the prefix "S00".

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430101	4.09	<5	<10	8	<1	7.22
S00430102	3.69	<5	<10	7	<1	7.27
S00430103	2.61	<5	<10	<5	<1	6.88
S00430104	1.85	<5	<10	<5	<1	7.02
S00430105	2.04	<5	<10	<5	<1	6.99
S00430106	1.20	<5	<10	<5	<1	7.54
S00430107	1.61	16	<10	13	<1	7.97
S00430108	1.52	<5	<10	<5	<1	7.05
S00430109	1.22	<5	<10	6	1	7.14
S00430110	0.66	<5	<10	<5	<1	0.90
S00430111	1.73	9	20	26	<1	7.34
S00430112	2.84	<5	<10	21	<1	8.03
S00430113	2.92	<5	<10	17	<1	7.90
S00430114	1.77	<5	<10	18	<1	7.90
S00430115	2.73	<5	<10	16	<1	8.32
S00430116	2.83	10	20	17	<1	7.96
S00430117	2.80	15	40	22	<1	7.96
S00430118	2.57	12	60	65	<1	8.38
S00430119	2.64	<5	30	51	2	8.13
S00430120	0.11	73	460	595	1	2.96
S00430121	1.82	<5	10	20	<1	8.37
S00430122	2.65	<5	10	13	<1	8.26
S00430123	2.06	<5	<10	14	<1	8.16
S00430124	1.81	<5	<10	18	<1	8.22
S00430125	1.06	<5	20	16	<1	8.15
S00430126	0.67	<5	10	15	<1	7.38
S00430127	1.70	<5	<10	<5	<1	8.71
S00430128	2.57	<5	<10	15	<1	8.22
S00430129	1.12	<5	<10	9	<1	8.30

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430130	1.22	<5	10	27	2	8.24
S00430131	2.77	10	10	46	<1	8.54
S00430132	2.82	<5	<10	22	<1	8.49
S00430133	2.44	<5	<10	20	<1	8.69
S00430134	2.61	<5	10	51	<1	8.05
S00430135	2.70	<5	40	76	<1	8.00
S00430136	2.74	<5	60	78	<1	8.00
S00430137	2.76	<5	30	21	<1	7.98
S00430138	2.01	<5	10	13	<1	8.19
S00430139	2.85	<5	<10	9	<1	7.68
S00430140	0.58	<5	<10	<5	<1	0.95
S00430141	2.03	<5	<10	9	<1	7.69
S00430142	2.68	9	<10	8	<1	7.42
S00430143	0.92	<5	<10	8	<1	7.50
S00430144	0.62	<5	<10	6	<1	6.50
S00430145	2.72	<5	<10	8	<1	7.62
S00430146	1.42	<5	<10	7	<1	7.65
S00430147	2.58	<5	<10	<5	<1	3.85
S00430148	0.62	<5	<10	<5	<1	7.63
S00430149	1.15	<5	<10	<5	<1	6.60
S00430150	0.11	55	540	982	<1	1.42
*Dup S00430139	-	<5	10	11	<1	7.69
*Blk BLANK	-	-	-	-	<1	<0.01
*Blk BLANK	-	-	-	-	<1	<0.01
*Rep S00430103	-	-	-	-	<1	6.61
*Std OREAS 927	-	-	-	-	4	6.66
*Std OREAS 623	-	-	-	-	19	5.37
*Std MP-2a	-	-	-	-	4	5.74
*Blk BLANK	-	-	-	-	<1	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09438

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Std OREAS 927	-	-	-	-	4	6.59
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 9 7	-	-	-	-	4	6.47
*Rep 430141	-	-	-	-	<1	7.61
*Std MP-2a	-	-	-	-	4	6.01
*Std OREAS 623	-	-	-	-	23	5.19
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 623	-	-	-	-	22	5.35
*Std OREAS 45f	-	18	40	58	-	-
*Rep 430147	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	152	390	200	-	-
*Std OREAS 681	-	50	530	244	-	-
*Std OREAS 45f	-	19	40	60	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	410	223	-	-
*Rep S00430111	-	9	10	25	-	-
*Std OREAS 681	-	52	550	255	-	-
*Rep S00430134	-	<5	10	50	-	-
*Blk BLANK	-	<5	<10	<5	-	-

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00430101	<3	100	<1	0.2	6.8	<0.2
S00430102	<3	92	1	0.2	7.1	<0.2
S00430103	<3	88	<1	0.2	7.2	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430104	<3	143	1	0.1	6.7	<0.2
S00430105	<3	179	<1	0.1	6.9	<0.2
S00430106	9	82	<1	0.2	7.1	<0.2
S00430107	<3	82	1	0.2	6.9	<0.2
S00430108	<3	31	<1	0.2	6.7	<0.2
S00430109	4	37	<1	0.2	6.0	<0.2
S00430110	<3	70	<1	<0.1	21.4	<0.2
S00430111	4	140	<1	0.3	6.0	<0.2
S00430112	5	210	<1	0.2	6.6	<0.2
S00430113	<3	206	<1	0.1	6.8	<0.2
S00430114	3	224	<1	0.1	6.8	<0.2
S00430115	5	176	<1	0.1	6.8	<0.2
S00430116	<3	170	<1	0.1	7.0	<0.2
S00430117	3	168	<1	0.1	6.6	<0.2
S00430118	4	184	<1	<0.1	7.1	<0.2
S00430119	<3	146	<1	<0.1	7.3	0.2
S00430120	207	76	<1	0.2	3.6	0.3
S00430121	<3	160	<1	<0.1	7.3	<0.2
S00430122	<3	152	<1	<0.1	7.2	<0.2
S00430123	5	139	<1	<0.1	6.9	<0.2
S00430124	<3	167	<1	<0.1	7.2	<0.2
S00430125	<3	132	<1	0.1	7.6	<0.2
S00430126	<3	165	<1	0.1	6.6	0.2
S00430127	<3	42	<1	0.7	9.3	<0.2
S00430128	4	122	<1	0.1	7.1	<0.2
S00430129	<3	141	<1	<0.1	7.3	<0.2
S00430130	<3	130	<1	<0.1	7.3	<0.2
S00430131	<3	144	<1	<0.1	7.4	<0.2
S00430132	<3	156	<1	<0.1	7.4	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430133	<3	131	<1	<0.1	7.5	<0.2
S00430134	3	119	<1	<0.1	7.0	<0.2
S00430135	6	119	<1	0.2	7.1	<0.2
S00430136	4	122	<1	0.1	7.2	<0.2
S00430137	<3	126	<1	<0.1	7.3	<0.2
S00430138	<3	115	<1	<0.1	7.1	<0.2
S00430139	11	68	<1	0.2	7.2	<0.2
S00430140	<3	81	<1	<0.1	20.1	<0.2
S00430141	6	105	<1	0.3	7.2	<0.2
S00430142	<3	124	<1	<0.1	7.3	<0.2
S00430143	<3	125	<1	0.1	7.4	<0.2
S00430144	<3	66	<1	<0.1	7.1	0.2
S00430145	6	112	<1	0.2	7.3	<0.2
S00430146	6	146	<1	<0.1	7.4	<0.2
S00430147	13	93	<1	<0.1	0.2	<0.2
S00430148	18	471	2	<0.1	0.3	<0.2
S00430149	5	176	1	<0.1	0.3	<0.2
S00430150	5	13	<1	0.5	1.0	0.6
*Dup S00430139	4	69	<1	0.1	7.2	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430103	<3	84	<1	0.2	7.1	<0.2
*Std OREAS 927	19	319	2	64.4	0.5	1.0
*Std OREAS 623	76	1347	2	16.4	1.5	53.7
*Std MP-2a	5468	<10	1	951	3.1	14.7
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 927	17	314	2	57.5	0.5	0.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	18	276	2	68.4	0.5	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Rep 430141	<3	100	<1	<0.1	7.3	<0.2
*Std MP-2a	5658	<10	1	928	3.0	13.7
*Std OREAS 623	82	1344	1	16.0	1.4	52.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 623	85	1394	2	17.2	1.5	54.5

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430101	51.3	151	1.6	124	10.42	0.5
S00430102	52.7	158	1.5	122	9.87	0.4
S00430103	52.3	110	1.9	203	10.76	0.4
S00430104	54.4	76	3.0	101	11.56	0.7
S00430105	52.9	70	3.4	179	10.99	0.7
S00430106	48.4	122	1.6	141	10.30	0.4
S00430107	47.6	313	0.6	11	9.95	0.3
S00430108	49.7	124	0.5	185	10.03	0.2
S00430109	50.1	133	0.5	275	9.96	0.2
S00430110	1.8	14	0.3	10	0.60	0.4
S00430111	47.4	95	0.6	398	8.96	0.6
S00430112	51.5	47	2.4	238	9.19	0.8
S00430113	48.7	53	2.5	250	9.16	0.8
S00430114	51.0	59	2.7	220	9.28	0.9
S00430115	50.1	53	2.6	188	9.18	0.8
S00430116	50.2	77	2.0	341	8.97	0.7
S00430117	48.4	50	1.9	276	8.76	0.7
S00430118	50.4	57	1.9	215	9.14	0.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430119	50.4	61	1.8	152	9.05	0.7
S00430120	197	2888	2.1	2926	12.00	0.2
S00430121	50.3	61	1.8	135	8.91	0.7
S00430122	49.9	61	1.6	133	8.88	0.7
S00430123	60.8	62	1.6	331	9.56	0.6
S00430124	50.6	62	1.6	135	8.84	0.7
S00430125	52.3	121	1.0	45	10.30	0.6
S00430126	69.2	67	1.5	20	12.98	0.8
S00430127	18.8	54	0.2	29	6.17	0.2
S00430128	51.9	72	1.6	61	9.49	0.7
S00430129	50.2	91	1.6	119	8.55	0.7
S00430130	50.1	66	1.7	114	8.66	0.7
S00430131	50.4	55	1.5	111	8.57	0.6
S00430132	49.8	70	1.4	102	8.49	0.7
S00430133	50.4	66	1.4	87	8.39	0.6
S00430134	47.7	53	1.4	87	8.07	0.5
S00430135	47.1	51	1.4	91	7.91	0.6
S00430136	45.5	53	1.5	97	7.81	0.6
S00430137	47.4	74	1.8	93	8.01	0.6
S00430138	48.7	91	1.8	71	8.22	0.7
S00430139	44.3	52	0.9	197	7.18	0.4
S00430140	2.0	17	0.2	13	0.62	0.4
S00430141	47.9	58	1.7	72	7.94	0.6
S00430142	46.5	54	1.5	107	7.58	0.6
S00430143	48.9	71	1.3	232	7.76	0.7
S00430144	43.5	67	0.4	289	7.05	0.4
S00430145	47.1	62	1.8	77	7.56	0.6
S00430146	49.1	62	2.1	115	7.76	0.7
S00430147	11.9	94	0.2	14	1.29	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09438

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430148	15.7	154	0.6	8	2.31	2.0
S00430149	5.8	93	0.3	5	1.89	0.9
S00430150	322	3548	0.2	4144	16.30	<0.1
*Dup S00430139	44.1	53	0.9	200	7.14	0.4
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Rep S00430103	52.1	123	1.8	202	10.63	0.4
*Std OREAS 927	29.9	98	4.8	10753	8.97	1.9
*Std OREAS 623	215	34	2.5	17252	13.58	1.5
*Std MP-2a	5.2	138	5.1	433	4.93	1.2
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Std OREAS 927	29.0	88	5.4	10593	8.55	2.1
*Blk BLANK	<0.5	10	<0.1	5	0.01	<0.1
*Std OREAS 927	29.1	88	5.0	10497	8.31	1.9
*Rep 430141	47.7	57	1.7	68	8.00	0.6
*Std MP-2a	5.6	148	5.7	436	4.83	1.3
*Std OREAS 623	213	29	2.7	17158	13.18	1.6
*Blk BLANK	<0.5	7	<0.1	<2	0.01	<0.1
*Std OREAS 623	232	34	3.0	17304	13.48	1.7

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430101	14.4	10	4.09	1505	<2	110
S00430102	13.8	9	4.29	1482	<2	112
S00430103	14.2	14	3.96	1585	<2	71
S00430104	15.7	14	3.82	1719	<2	59

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430105	15.3	16	3.76	1591	<2	56
S00430106	15.9	13	4.16	1514	<2	82
S00430107	10.5	13	4.65	1471	<2	364
S00430108	14.7	12	4.14	1358	<2	91
S00430109	12.2	20	4.41	1355	<2	121
S00430110	6.5	8	8.90	428	<2	7
S00430111	11.7	16	3.83	1274	<2	140
S00430112	12.5	13	3.78	1451	<2	106
S00430113	12.5	11	3.67	1456	<2	105
S00430114	12.4	11	3.80	1460	<2	113
S00430115	11.4	12	4.03	1423	<2	108
S00430116	11.8	10	3.85	1434	<2	139
S00430117	11.0	10	3.79	1366	<2	117
S00430118	10.6	11	4.20	1471	<2	111
S00430119	9.7	11	4.01	1414	<2	106
S00430120	3.8	30	14.88	1428	<2	4202
S00430121	10.9	11	4.08	1464	<2	101
S00430122	10.8	12	4.09	1423	<2	106
S00430123	10.0	10	4.40	1472	<2	164
S00430124	10.2	11	4.26	1411	<2	111
S00430125	15.2	12	4.22	1505	<2	136
S00430126	10.4	32	6.28	1921	<2	161
S00430127	10.9	6	1.92	954	<2	48
S00430128	10.0	14	4.72	1509	<2	119
S00430129	9.1	11	4.33	1378	<2	110
S00430130	8.9	11	4.36	1427	<2	111
S00430131	9.4	19	4.45	1410	<2	113
S00430132	9.5	11	4.22	1429	<2	109
S00430133	9.6	11	4.39	1425	<2	111

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430134	9.0	10	3.93	1305	<2	105
S00430135	8.9	9	4.08	1345	<2	103
S00430136	9.1	10	4.04	1283	<2	102
S00430137	8.9	11	3.96	1311	<2	111
S00430138	8.9	11	4.18	1286	<2	110
S00430139	9.6	8	3.71	1216	<2	98
S00430140	5.1	8	8.53	430	<2	13
S00430141	10.1	10	4.30	1376	<2	109
S00430142	9.1	9	3.85	1359	<2	110
S00430143	9.4	10	3.90	1314	<2	109
S00430144	9.2	6	3.58	1270	<2	142
S00430145	8.7	9	4.10	1365	<2	107
S00430146	9.0	9	3.92	1390	<2	106
S00430147	20.3	<5	0.38	102	6	21
S00430148	43.3	9	1.11	113	4	49
S00430149	21.0	6	0.82	115	3	43
S00430150	1.3	<5	13.99	1002	2	15341
*Dup S00430139	9.4	7	3.67	1193	<2	96
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Rep S00430103	13.8	13	3.82	1574	<2	74
*Std OREAS 927	37.8	34	2.26	1174	<2	34
*Std OREAS 623	24.6	15	1.30	607	9	20
*Std MP-2a	146	83	0.09	980	1650	8
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 927	37.2	34	2.14	1141	<2	30
*Blk BLANK	<0.1	<5	<0.01	<10	<2	8
*Std OREAS 927	36.0	34	2.11	1166	<2	34
*Rep 430141	9.7	10	3.97	1346	<2	109

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std MP-2a	148	88	0.09	1028	1682	15
*Std OREAS 623	26.5	16	1.24	607	10	19
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 623	24.7	16	1.20	602	9	23

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430101	0.08	5	<1	<1	22.0	1
S00430102	0.07	5	<1	<1	22.2	1
S00430103	0.09	4	<1	<1	21.3	2
S00430104	0.10	4	<1	<1	22.5	1
S00430105	0.10	5	<1	<1	21.2	2
S00430106	0.11	5	<1	<1	22.4	1
S00430107	0.05	5	<1	<1	21.9	<1
S00430108	0.10	5	<1	<1	21.2	2
S00430109	0.09	4	<1	<1	21.3	2
S00430110	0.02	6	<1	<1	6.0	<1
S00430111	0.05	4	<1	<1	23.0	1
S00430112	0.05	5	<1	<1	24.0	1
S00430113	0.05	5	<1	<1	24.4	2
S00430114	0.06	5	<1	<1	23.7	2
S00430115	0.05	4	<1	<1	24.5	1
S00430116	0.04	4	<1	<1	24.2	<1
S00430117	0.04	4	<1	<1	24.4	<1
S00430118	0.04	4	<1	<1	24.8	<1
S00430119	0.05	5	<1	<1	24.6	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element Method Lower Limit Upper Limit Unit	P GE_IMS90A50 0.01 25 %	Pb GE_IMS90A50 2 50,000 ppm m / m	S GE_IMS90A50 1 25 %	Sb GE_IMS90A50 1 10,000 ppm m / m	Si GE_IMS90A50 0.1 40 %	Sn GE_IMS90A50 1 10,000 ppm m / m
S00430120	0.04	5	2	4	18.2	2
S00430121	0.04	4	<1	<1	25.0	<1
S00430122	0.04	5	<1	<1	24.7	1
S00430123	0.05	4	<1	<1	24.2	2
S00430124	0.04	5	<1	<1	24.0	1
S00430125	0.07	4	<1	<1	22.6	<1
S00430126	0.05	5	<1	<1	22.0	45
S00430127	0.03	8	<1	1	26.3	2
S00430128	0.04	4	<1	<1	24.6	<1
S00430129	0.04	4	<1	<1	24.3	<1
S00430130	0.03	4	<1	<1	24.2	<1
S00430131	0.04	4	<1	<1	24.3	1
S00430132	0.03	4	<1	<1	24.7	<1
S00430133	0.04	4	<1	<1	24.6	<1
S00430134	0.04	5	<1	<1	22.1	1
S00430135	0.04	5	<1	<1	22.8	2
S00430136	0.04	5	<1	<1	23.0	<1
S00430137	0.03	5	<1	<1	23.7	<1
S00430138	0.03	5	<1	<1	22.6	<1
S00430139	0.05	7	<1	<1	23.2	<1
S00430140	0.02	20	<1	<1	5.1	<1
S00430141	0.04	7	<1	<1	23.0	1
S00430142	0.04	6	<1	<1	23.1	<1
S00430143	0.03	6	<1	<1	23.1	<1
S00430144	0.04	5	<1	<1	25.1	1
S00430145	0.04	6	<1	<1	23.5	<1
S00430146	0.03	6	<1	<1	23.7	<1
S00430147	0.01	8	<1	<1	39.1	<1
S00430148	0.02	16	<1	<1	30.6	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09438

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430149	0.03	5	<1	<1	32.9	<1
S00430150	<0.01	13	7	2	13.6	4
*Dup S00430139	0.03	6	<1	<1	23.2	<1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Rep S00430103	0.10	4	<1	<1	21.4	1
*Std OREAS 927	0.06	196	2	2	28.2	25
*Std OREAS 623	0.06	2396	9	27	22.8	11
*Std MP-2a	0.01	2640	<1	7	28.5	517
*Blk BLANK	<0.01	<2	<1	<1	<0.1	2
*Std OREAS 927	0.06	207	2	2	31.2	25
*Blk BLANK	<0.01	<2	<1	<1	<0.1	1
*Std OREAS 927	0.05	189	2	2	27.9	24
*Rep 430141	0.04	7	<1	<1	23.2	1
*Std MP-2a	0.01	2788	<1	7	30.7	521
*Std OREAS 623	0.04	2383	9	28	23.0	13
*Blk BLANK	<0.01	<2	<1	<1	<0.1	1
*Std OREAS 623	0.04	2385	8	29	24.6	11

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430101	175	<1	1.16	333	<5	21.5
S00430102	182	<1	1.11	340	<5	22.1
S00430103	153	<1	1.26	353	<5	23.3
S00430104	143	<1	1.44	392	<5	25.1
S00430105	150	<1	1.44	391	<5	25.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430106	182	<1	1.45	376	<5	26.1
S00430107	206	<1	0.68	252	<5	16.0
S00430108	167	<1	1.39	372	<5	25.8
S00430109	136	<1	1.27	345	<5	23.7
S00430110	137	<1	0.06	11	<5	5.7
S00430111	163	<1	0.72	240	<5	17.6
S00430112	201	<1	0.59	216	<5	17.3
S00430113	188	<1	0.56	210	<5	16.7
S00430114	188	<1	0.54	209	<5	16.2
S00430115	190	<1	0.54	210	<5	15.9
S00430116	191	<1	0.56	209	<5	16.3
S00430117	189	<1	0.53	214	<5	17.2
S00430118	180	<1	0.56	219	<5	15.4
S00430119	178	<1	0.56	214	<5	15.2
S00430120	31	1	0.33	131	<5	7.9
S00430121	181	<1	0.55	222	<5	15.3
S00430122	186	<1	0.54	215	<5	15.5
S00430123	186	<1	0.52	214	<5	15.7
S00430124	184	<1	0.52	213	<5	14.7
S00430125	160	<1	1.04	327	<5	22.6
S00430126	76	<1	0.61	242	<5	16.5
S00430127	436	<1	0.21	276	<5	17.4
S00430128	184	<1	0.54	214	<5	14.9
S00430129	167	<1	0.49	209	<5	13.8
S00430130	167	<1	0.52	209	<5	14.2
S00430131	174	<1	0.49	204	<5	13.3
S00430132	181	<1	0.48	204	<5	13.9
S00430133	184	<1	0.43	207	<5	13.4
S00430134	180	<1	0.43	192	<5	12.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430135	176	<1	0.43	195	<5	12.8
S00430136	183	<1	0.43	188	<5	12.9
S00430137	173	<1	0.49	202	<5	13.5
S00430138	181	<1	0.49	204	<5	13.9
S00430139	205	<1	0.46	222	<5	16.9
S00430140	155	<1	0.05	14	<5	6.2
S00430141	172	<1	0.48	246	<5	17.0
S00430142	171	<1	0.45	238	<5	15.8
S00430143	173	<1	0.46	245	<5	16.5
S00430144	134	<1	0.46	230	<5	15.2
S00430145	178	<1	0.47	241	<5	15.5
S00430146	170	<1	0.44	239	<5	14.9
S00430147	34	<1	0.08	13	<5	7.7
S00430148	44	<1	0.36	62	7	21.0
S00430149	53	<1	0.23	48	<5	10.5
S00430150	<10	1	0.10	73	<5	3.5
*Dup S00430139	199	<1	0.45	220	<5	16.3
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430103	147	<1	1.23	349	<5	22.8
*Std OREAS 927	31	<1	0.34	76	10	21.5
*Std OREAS 623	81	<1	0.16	25	<5	16.0
*Std MP-2a	14	6	0.03	<5	3379	217
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.35	77	8	22.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.34	76	8	23.7
*Rep 430141	170	<1	0.48	247	<5	16.8
*Std MP-2a	12	6	0.03	<5	3341	224

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-09438

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	82	<1	0.15	26	6	17.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 6 3	85	<1	0.15	27	<5	18.8

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430101	2.5	105	0.212	-	-	-
S00430102	2.4	104	0.207	-	-	-
S00430103	2.6	106	0.302	-	-	-
S00430104	2.7	112	0.234	-	-	-
S00430105	2.8	109	0.250	-	-	-
S00430106	2.7	111	0.070	-	-	-
S00430107	1.7	97	0.016	-	-	-
S00430108	2.9	105	0.183	-	-	-
S00430109	2.6	104	0.094	-	-	-
S00430110	0.6	34	0.017	-	-	-
S00430111	2.0	87	0.120	-	-	-
S00430112	2.1	95	0.081	-	-	-
S00430113	1.9	91	0.061	-	-	-
S00430114	1.9	88	0.067	-	-	-
S00430115	1.7	90	0.056	-	-	-
S00430116	1.8	91	0.074	-	-	-
S00430117	1.9	89	0.063	-	-	-
S00430118	1.7	91	0.058	-	-	-
S00430119	1.7	90	0.042	-	-	-
S00430120	0.8	106	1.819	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430121	1.8	88	0.058	-	-	-
S00430122	1.7	89	0.060	-	-	-
S00430123	1.8	93	0.179	-	-	-
S00430124	1.7	89	0.055	-	-	-
S00430125	2.6	100	0.038	-	-	-
S00430126	1.8	130	0.027	-	-	-
S00430127	2.0	36	0.018	-	-	-
S00430128	1.6	92	0.040	-	-	-
S00430129	1.6	83	0.056	-	-	-
S00430130	1.5	87	0.054	-	-	-
S00430131	1.5	84	0.059	-	-	-
S00430132	1.5	89	0.045	-	-	-
S00430133	1.6	89	0.051	-	-	-
S00430134	1.5	83	0.050	-	-	-
S00430135	1.5	81	0.050	0.97990	15.15	9.98
S00430136	1.5	78	0.049	-	-	-
S00430137	1.4	82	0.049	-	-	-
S00430138	1.5	81	0.043	-	-	-
S00430139	1.6	72	0.079	-	-	-
S00430140	0.5	48	0.021	-	-	-
S00430141	1.7	83	0.049	-	-	-
S00430142	1.6	78	0.066	-	-	-
S00430143	1.6	83	0.078	-	-	-
S00430144	1.5	75	0.094	-	-	-
S00430145	1.6	82	0.056	-	-	-
S00430146	1.4	82	0.068	-	-	-
S00430147	0.8	17	0.020	-	-	-
S00430148	2.4	28	0.018	-	-	-
S00430149	1.1	13	0.023	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430150	0.4	103	7.226	-	-	-
*Dup S00430139	1.6	72	0.074	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Rep 430114	-	-	0.067	-	-	-
*Std GS314-2	-	-	2.536	-	-	-
*Rep 430134	-	-	0.039	-	-	-
*Std GS314-2	-	-	2.630	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Rep S00430103	2.5	105	-	-	-	-
*Std OREAS 927	2.4	669	-	-	-	-
*Std OREAS 623	1.7	9851	-	-	-	-
*Std MP-2a	28.9	5468	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 927	2.4	711	-	-	-	-
*Blk BLANK	<0.1	5	-	-	-	-
*Std OREAS 927	2.4	712	-	-	-	-
*Rep 430141	1.6	82	-	-	-	-
*Std MP-2a	27.7	5734	-	-	-	-
*Std OREAS 623	1.7	10050	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 623	1.8	10002	-	-	-	-
*Std GS314-2	-	-	2.632	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Std GS314-2	-	-	2.585	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Blk BLANK	-	-	-	99.9900	<0.01	<0.01
*Rep S00430135	-	-	-	1.03000	15.17	10.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* SHAKESPEARE / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09438

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
*Std OREAS 751	-	-	-	0.69600	15.82	1.05

Element	@Cr2O3	@Fe2O3	@K2O	@MgO	Mn3O4	@Na2O
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	5	100	70	100	100	60
Unit	%	%	%	%	%	%
S00430135	<0.01	11.16	0.63	6.79	0.19	2.32
*Blk BLANK	<0.01	<0.01	<0.01	0.02	<0.01	<0.01
*Rep S00430135	0.01	11.23	0.63	6.77	0.19	2.29
*Std OREAS 751	<0.01	2.43	2.91	0.54	0.09	3.43

Element	@P2O5	@SiO2	@TiO2	@V2O5	Sum
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01
Upper Limit	55	100	100	10	100
Unit	%	%	%	%	%
S00430135	0.08	52.25	0.71	0.03	99.39
*Blk BLANK	<0.01	0.02	<0.01	<0.01	0.04
*Rep S00430135	0.08	52.18	0.73	0.04	99.44
*Std OREAS 751	0.28	71.05	0.24	<0.01	97.98

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09541

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	14-May-2021
Project	Shakespeare exploration	Date Analysed	21-May-2021 - 19-Jun-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	21-Jun-2021
Core		SGS Order Number	BBM21-09541
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430151	2.55	<5	<10	<5	<1	7.85
S00430152	2.07	<5	<10	<5	<1	8.62
S00430153	0.98	64	<10	<5	<1	3.19
S00430154	1.01	<5	<10	<5	<1	8.92
S00430155	1.50	<5	<10	<5	<1	8.87
S00430156	1.85	<5	<10	<5	<1	9.91
S00430157	1.97	<5	<10	<5	<1	9.51
S00430158	2.80	<5	<10	<5	<1	9.93
S00430159	1.16	<5	<10	<5	<1	10.91
S00430160	0.70	<5	<10	<5	<1	1.00
S00430161	1.84	6	<10	<5	<1	8.97
S00430162	2.75	<5	<10	<5	<1	8.68
S00430163	0.45	<5	<10	<5	<1	12.21
S00430164	1.33	<5	<10	<5	<1	11.17
S00430165	2.40	<5	<10	<5	<1	9.54
S00430166	1.07	<5	<10	<5	<1	9.82
S00430167	1.28	<5	<10	<5	<1	9.11
S00430168	2.39	7	10	11	<1	10.84
S00430169	0.91	<5	<10	8	<1	10.21
S00430170	0.11	68	440	559	<1	2.89
S00430171	1.76	6	<10	<5	<1	10.67
S00430172	1.45	<5	<10	<5	<1	8.65
S00430173	2.58	7	<10	7	<1	9.75
S00430174	2.45	5	<10	7	<1	10.59
S00430175	2.35	8	<10	7	<1	10.37
S00430176	2.56	5	<10	<5	<1	10.15
S00430177	2.35	5	<10	<5	<1	10.20
S00430178	2.43	6	<10	<5	<1	9.42
S00430179	1.28	<5	<10	<5	<1	10.62

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
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Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430180	1.07	<5	<10	<5	<1	10.36
S00430181	2.65	<5	<10	<5	<1	10.24
S00430182	2.67	<5	<10	<5	<1	10.30
S00430183	2.33	<5	<10	<5	<1	10.85
S00430184	2.47	<5	<10	<5	<1	11.01
S00430185	2.49	<5	<10	<5	<1	10.11
S00430186	2.34	<5	<10	<5	<1	8.76
S00430187	2.50	56	<10	<5	<1	9.26
S00430188	2.55	<5	<10	<5	<1	8.92
S00430189	1.69	<5	<10	<5	<1	9.90
S00430190	0.67	<5	<10	<5	<1	0.95
S00430191	2.34	9	<10	<5	<1	9.00
S00430192	2.29	5	<10	<5	<1	7.61
S00430193	2.86	<5	<10	<5	<1	8.14
S00430194	2.50	9	<10	<5	<1	7.29
S00430195	1.91	11	10	9	<1	7.13
S00430196	1.83	462	160	827	<1	6.85
S00430197	2.66	360	150	729	1	7.19
S00430198	0.95	66	60	96	1	7.46
S00430199	2.70	174	240	283	2	7.02
S00430200	0.11	51	570	1040	2	1.42
*Dup S00430191	-	11	<10	<5	<1	8.20
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 623	-	-	-	-	21	5.03
*Blk BLANK	-	-	-	-	<1	<0.01
*Std MP-2a	-	-	-	-	5	6.00
*Std OREAS 927	-	-	-	-	9	6.43
*Blk BLANK	-	-	-	-	<1	<0.01
*Std MP-2a	-	-	-	-	4	6.40

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Order Number Exploration
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Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 623	-	-	-	-	19	5.59
*Std OREAS 927	-	-	-	-	4	6.83
*Rep S00430190	-	-	-	-	<1	0.94
*Rep S00430156	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	540	246	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430185	-	<5	<10	<5	-	-
*Std OREAS 680	-	147	390	207	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	57	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430151	132	27	2	0.2	1.3	<0.2
S00430152	63	25	2	0.4	1.2	<0.2
S00430153	3906	22	2	2.4	5.4	<0.2
S00430154	143	26	2	0.4	1.4	<0.2
S00430155	129	16	2	0.2	1.1	<0.2
S00430156	22	26	2	0.3	1.1	<0.2
S00430157	<3	46	2	0.2	1.0	<0.2
S00430158	<3	99	2	0.1	0.6	<0.2
S00430159	<3	32	<1	0.1	0.4	<0.2

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430160	<3	57	<1	<0.1	21.0	<0.2
S00430161	272	66	2	3.3	1.1	<0.2
S00430162	414	35	2	0.4	1.5	<0.2
S00430163	<3	<10	<1	0.4	0.1	<0.2
S00430164	<3	58	2	0.5	0.5	<0.2
S00430165	105	14	1	0.1	0.8	<0.2
S00430166	17	91	2	0.3	1.5	<0.2
S00430167	<3	135	3	0.7	6.3	<0.2
S00430168	11	61	2	0.8	1.8	<0.2
S00430169	<3	50	1	2.7	1.8	<0.2
S00430170	191	75	<1	0.1	3.2	0.4
S00430171	<3	69	2	1.1	1.3	<0.2
S00430172	7	40	1	3.0	8.5	<0.2
S00430173	163	43	2	0.7	2.7	<0.2
S00430174	14	22	2	0.3	0.8	<0.2
S00430175	7	38	2	1.6	1.4	<0.2
S00430176	<3	49	2	1.2	1.4	<0.2
S00430177	<3	20	2	1.6	1.5	<0.2
S00430178	<3	59	2	0.3	1.9	<0.2
S00430179	<3	38	2	0.2	1.7	<0.2
S00430180	<3	35	2	0.3	1.6	<0.2
S00430181	<3	28	2	0.2	1.5	<0.2
S00430182	<3	52	2	0.1	1.6	<0.2
S00430183	3	57	2	0.1	1.5	<0.2
S00430184	4	33	2	0.1	1.6	<0.2
S00430185	<3	62	2	0.1	2.1	<0.2
S00430186	<3	98	3	0.2	3.6	0.3
S00430187	<3	120	2	0.2	3.1	<0.2
S00430188	<3	141	2	0.2	2.9	<0.2

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Order Number Exploration
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 Core
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430189	<3	131	2	<0.1	2.7	<0.2
S00430190	<3	72	<1	<0.1	20.7	<0.2
S00430191	<3	125	3	0.3	4.0	<0.2
S00430192	<3	150	2	0.2	3.6	0.5
S00430193	<3	172	2	0.1	3.7	<0.2
S00430194	<3	259	2	0.2	3.8	0.9
S00430195	5	228	2	0.3	3.7	<0.2
S00430196	1151	238	1	6.9	3.0	0.2
S00430197	885	204	<1	7.8	4.1	0.4
S00430198	34	240	1	3.7	4.5	0.4
S00430199	170	216	1	9.8	3.7	0.4
S00430200	4	<10	<1	0.5	1.0	0.7
*Dup S00430191	<3	122	2	0.3	3.9	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	71	1325	1	17.7	1.3	51.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5607	<10	1	908	3.3	15.6
*Std OREAS 927	15	299	2	61.2	0.4	1.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5656	<10	2	990	3.2	14.8
*Std OREAS 623	81	1369	2	17.8	1.4	53.8
*Std OREAS 927	17	304	2	57.8	0.4	1.0
*Rep S00430190	<3	73	<1	<0.1	21.0	<0.2

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Order Number Exploration
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430151	8.0	37	3.0	<2	2.62	1.1
S00430152	5.6	43	2.4	<2	1.84	1.0
S00430153	14.5	31	1.4	<2	2.80	0.5
S00430154	6.0	41	2.0	<2	1.88	0.8
S00430155	5.3	27	0.5	<2	1.71	0.4
S00430156	6.5	39	1.5	<2	2.54	0.7
S00430157	5.9	97	2.4	<2	2.58	0.9
S00430158	12.1	191	6.4	5	5.67	1.9
S00430159	30.5	133	2.8	12	15.37	0.7
S00430160	1.7	12	0.3	7	0.65	0.4
S00430161	70.1	121	5.4	99	5.29	1.5
S00430162	16.7	77	1.9	5	4.26	0.6
S00430163	47.6	117	0.4	170	17.29	0.1
S00430164	27.1	231	2.4	65	8.29	0.8
S00430165	6.6	35	0.2	<2	2.36	0.3
S00430166	8.9	82	0.7	18	3.32	0.5
S00430167	3.8	44	0.4	215	1.44	0.8
S00430168	17.2	286	1.1	17	6.03	0.5
S00430169	15.8	259	2.5	51	5.24	0.8
S00430170	189	2411	2.2	2741	11.00	0.2
S00430171	18.5	231	1.2	324	5.88	0.5
S00430172	10.6	44	<0.1	129	1.21	0.4
S00430173	24.8	204	0.6	107	5.33	0.4
S00430174	25.8	286	0.4	53	6.77	0.3
S00430175	18.0	264	0.7	79	5.33	0.4
S00430176	19.1	175	0.7	42	5.86	0.4
S00430177	9.3	200	0.4	49	3.63	0.3
S00430178	16.9	89	1.8	170	6.21	0.6
S00430179	12.8	105	0.4	7	5.41	0.4

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Order Number Exploration
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 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430180	12.8	98	0.5	6	5.45	0.3
S00430181	11.1	105	0.3	14	4.39	0.3
S00430182	10.6	103	0.2	6	4.23	0.3
S00430183	14.0	110	0.2	8	5.19	0.4
S00430184	13.4	123	0.1	8	5.30	0.3
S00430185	12.6	93	0.2	4	5.10	0.4
S00430186	26.2	76	1.1	92	7.49	0.6
S00430187	15.5	78	0.9	13	5.16	0.8
S00430188	14.5	76	0.5	11	5.47	1.4
S00430189	16.4	88	0.9	8	6.52	0.7
S00430190	1.7	8	0.3	7	0.67	0.5
S00430191	23.1	73	1.4	410	6.57	0.7
S00430192	32.2	72	1.6	286	7.88	0.7
S00430193	37.9	82	1.8	421	7.59	0.7
S00430194	39.0	94	3.1	252	7.53	1.0
S00430195	43.8	130	3.9	157	8.68	1.0
S00430196	645	200	3.7	1914	11.77	0.9
S00430197	545	189	3.0	2414	12.28	0.8
S00430198	98.6	194	3.4	2888	11.04	0.9
S00430199	200	201	1.4	2918	11.59	0.8
S00430200	336	3181	0.2	4142	16.52	<0.1
*Dup S00430191	24.4	79	1.3	474	6.08	0.6
*Blk BLANK	<0.5	<5	<0.1	5	<0.01	<0.1
*Std OREAS 623	214	16	2.5	16766	12.94	1.3
*Blk BLANK	<0.5	<5	<0.1	2	<0.01	<0.1
*Std MP-2a	6.2	137	5.5	461	5.24	1.1
*Std OREAS 927	29.8	58	4.7	11046	8.65	1.7
*Blk BLANK	<0.5	<5	<0.1	4	<0.01	<0.1
*Std MP-2a	5.5	140	5.8	461	5.32	1.3

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Order Number Exploration
 Project Shakespeare exploration
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 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 623	217	29	2.9	16726	13.77	1.6
*Std OREAS 927	29.6	66	5.3	10859	9.07	1.9
*Rep S00430190	1.9	23	0.3	7	0.67	0.5

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430151	27.3	19	4.77	204	<2	1117
S00430152	12.5	14	3.34	135	<2	806
S00430153	3.6	7	7.81	294	<2	4417
S00430154	14.0	12	3.34	142	<2	842
S00430155	11.6	12	2.91	130	<2	772
S00430156	10.1	15	2.64	147	2	520
S00430157	38.2	16	2.79	141	<2	398
S00430158	16.2	25	4.43	246	<2	464
S00430159	19.5	66	9.20	682	<2	1979
S00430160	5.4	8	8.61	420	<2	10
S00430161	24.5	21	3.78	238	3	5115
S00430162	17.6	21	4.32	292	<2	1163
S00430163	0.9	68	9.51	826	<2	2708
S00430164	7.7	30	4.84	378	<2	1515
S00430165	5.1	10	1.76	165	<2	366
S00430166	16.0	12	2.08	239	<2	243
S00430167	12.7	6	0.81	308	<2	79
S00430168	34.5	20	3.67	422	5	440
S00430169	173	17	3.21	264	3	292

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Order Number Exploration
 Project Shakespeare exploration
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430170	3.7	38	12.27	1336	<2	3859
S00430171	113	26	3.00	297	<2	189
S00430172	11.5	<5	0.40	288	<2	638
S00430173	30.7	13	2.94	320	3	1218
S00430174	25.7	22	3.79	342	2	272
S00430175	280	17	2.88	325	4	231
S00430176	92.4	18	3.00	417	3	158
S00430177	572	9	1.72	281	<2	88
S00430178	82.0	15	3.07	478	<2	105
S00430179	103	14	2.62	466	<2	98
S00430180	99.8	14	2.63	469	2	99
S00430181	136	15	2.27	365	<2	90
S00430182	205	13	2.00	396	<2	80
S00430183	102	16	2.63	426	<2	119
S00430184	172	16	2.61	461	2	127
S00430185	95.5	15	2.40	510	2	106
S00430186	29.3	11	2.53	808	<2	47
S00430187	85.9	15	2.29	635	<2	74
S00430188	67.4	31	2.86	589	<2	90
S00430189	36.4	20	2.90	798	3	99
S00430190	5.6	8	8.98	443	<2	8
S00430191	26.7	13	2.48	845	2	46
S00430192	25.5	14	2.31	854	<2	93
S00430193	21.0	19	2.25	921	<2	148
S00430194	18.0	15	2.42	986	<2	129
S00430195	17.9	15	3.06	1095	<2	202
S00430196	19.3	14	2.94	986	11	2915
S00430197	16.9	15	3.00	1075	12	2401
S00430198	15.9	15	3.14	1073	9	1146

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Order Number Exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430199	17.8	15	2.90	1067	9	2665
S00430200	1.2	<5	12.92	898	3	14578
*Dup S00430191	25.3	11	2.37	808	2	45
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 623	24.8	13	1.10	520	9	20
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std MP-2a	154	79	0.09	990	1639	14
*Std OREAS 927	35.5	30	1.99	1064	<2	32
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std MP-2a	159	92	0.10	1065	1655	10
*Std OREAS 623	26.5	16	1.34	607	9	21
*Std OREAS 927	37.3	46	2.26	1213	<2	32
*Rep S00430190	6.1	8	8.60	440	<2	12

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430151	0.04	12	<1	2	32.3	<1
S00430152	0.04	27	<1	1	32.3	<1
S00430153	0.02	17	<1	77	29.9	<1
S00430154	0.04	23	<1	3	30.9	<1
S00430155	0.03	11	<1	2	31.5	<1
S00430156	0.02	17	<1	<1	30.9	<1
S00430157	0.05	18	<1	<1	30.1	<1
S00430158	0.03	7	<1	<1	25.3	<1
S00430159	0.13	7	<1	<1	13.8	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430160	0.02	6	<1	<1	5.8	<1
S00430161	0.10	42	<1	3	28.3	<1
S00430162	0.02	10	<1	6	29.4	<1
S00430163	<0.01	26	<1	<1	13.3	<1
S00430164	0.02	14	<1	<1	23.2	<1
S00430165	0.01	6	<1	<1	31.2	<1
S00430166	0.02	14	<1	<1	29.2	1
S00430167	0.03	27	<1	<1	27.9	<1
S00430168	0.03	14	<1	<1	25.6	1
S00430169	0.05	14	<1	<1	26.8	<1
S00430170	0.03	4	2	4	17.4	<1
S00430171	0.04	16	<1	<1	26.5	<1
S00430172	0.01	14	<1	<1	25.1	<1
S00430173	0.04	12	<1	<1	25.7	1
S00430174	0.03	6	<1	<1	25.3	<1
S00430175	0.06	8	<1	<1	26.9	6
S00430176	0.05	8	<1	<1	26.9	<1
S00430177	0.09	7	<1	<1	28.7	1
S00430178	0.07	7	<1	<1	26.6	1
S00430179	0.07	4	<1	<1	27.9	1
S00430180	0.07	4	<1	<1	27.7	<1
S00430181	0.07	5	<1	<1	27.3	1
S00430182	0.07	4	<1	<1	28.2	1
S00430183	0.07	3	<1	<1	27.8	1
S00430184	0.08	4	<1	<1	28.1	1
S00430185	0.07	4	<1	<1	27.6	<1
S00430186	0.07	11	<1	<1	29.3	1
S00430187	0.08	6	<1	<1	28.4	2
S00430188	0.07	4	<1	<1	26.9	2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430189	0.08	4	<1	<1	27.3	<1
S00430190	0.02	7	<1	<1	6.6	<1
S00430191	0.07	9	<1	<1	27.1	1
S00430192	0.06	12	<1	<1	23.8	<1
S00430193	0.06	8	<1	<1	25.0	1
S00430194	0.05	21	<1	<1	24.4	<1
S00430195	0.03	7	<1	<1	22.5	<1
S00430196	0.03	7	2	<1	21.7	<1
S00430197	0.03	7	3	<1	23.2	<1
S00430198	0.03	9	2	<1	24.8	<1
S00430199	0.04	9	2	<1	24.9	<1
S00430200	0.02	14	7	2	14.6	3
*Dup S00430191	0.06	9	<1	<1	24.9	1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std OREAS 623	0.04	2407	9	24	22.9	14
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std MP-2a	<0.01	2708	<1	6	33.2	504
*Std OREAS 927	0.05	203	2	1	29.9	21
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std MP-2a	0.01	2612	<1	7	32.2	576
*Std OREAS 623	0.05	2297	9	27	23.8	13
*Std OREAS 927	0.07	203	2	2	30.2	24
*Rep S00430190	0.02	7	<1	<1	6.6	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430151	57	<1	0.10	15	<5	10.9
S00430152	60	<1	0.13	16	<5	33.8
S00430153	32	<1	0.05	30	<5	31.1
S00430154	61	<1	0.11	21	<5	29.3
S00430155	57	<1	0.03	7	<5	8.0
S00430156	65	<1	0.09	47	<5	15.3
S00430157	66	<1	0.27	63	<5	47.7
S00430158	72	<1	0.50	162	<5	23.3
S00430159	<10	<1	0.20	261	<5	12.6
S00430160	148	<1	0.05	11	<5	6.0
S00430161	60	<1	0.37	76	<5	25.1
S00430162	60	<1	0.26	72	<5	25.5
S00430163	<10	<1	0.16	381	<5	8.1
S00430164	61	<1	0.58	245	<5	18.2
S00430165	60	<1	0.09	24	<5	8.6
S00430166	127	<1	0.33	84	<5	21.2
S00430167	174	<1	0.10	36	<5	15.2
S00430168	78	<1	0.36	187	<5	23.9
S00430169	64	2	0.71	224	<5	24.8
S00430170	32	1	0.33	143	<5	8.2
S00430171	86	<1	0.83	270	<5	20.1
S00430172	128	2	0.07	21	<5	11.0
S00430173	108	<1	0.53	198	<5	24.2
S00430174	80	<1	0.55	298	<5	15.8
S00430175	89	<1	0.66	278	<5	20.2
S00430176	87	<1	0.95	277	<5	20.5
S00430177	74	<1	0.79	228	<5	23.7
S00430178	75	<1	0.95	249	<5	22.9
S00430179	79	<1	1.01	216	<5	18.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430180	73	<1	1.00	218	<5	18.8
S00430181	69	<1	1.01	187	<5	18.3
S00430182	76	<1	1.00	176	<5	34.8
S00430183	70	<1	1.06	209	<5	23.3
S00430184	62	<1	1.08	217	<5	21.2
S00430185	82	<1	0.94	198	<5	20.1
S00430186	145	<1	0.82	232	<5	26.9
S00430187	125	<1	0.91	204	<5	23.9
S00430188	92	<1	0.90	233	6	25.4
S00430189	101	<1	0.95	248	<5	30.9
S00430190	148	<1	0.05	12	<5	6.6
S00430191	161	<1	0.84	228	<5	28.0
S00430192	164	<1	0.78	181	<5	24.2
S00430193	175	<1	0.78	193	<5	24.6
S00430194	151	<1	0.86	202	<5	22.6
S00430195	138	<1	0.85	258	<5	19.0
S00430196	125	3	0.46	223	<5	20.5
S00430197	129	2	0.56	225	<5	19.5
S00430198	178	1	0.59	253	<5	16.1
S00430199	162	3	0.65	237	<5	16.2
S00430200	<10	<1	0.10	68	<5	3.3
*Dup S00430191	152	<1	0.81	186	<5	26.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	75	<1	0.14	23	<5	16.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	12	5	0.03	<5	3436	241
*Std OREAS 927	26	<1	0.33	71	7	22.3
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	16	6	0.03	<5	3445	246

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	92	<1	0.16	29	6	17.7
*Std OREAS 927	31	<1	0.35	87	8	23.4
*Rep S00430190	149	<1	0.05	11	<5	6.6

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430151	1.0	29	0.019
S00430152	2.5	20	0.010
S00430153	2.8	26	0.157
S00430154	2.3	18	0.013
S00430155	0.8	22	0.011
S00430156	1.3	17	0.014
S00430157	4.1	21	0.009
S00430158	2.6	41	0.016
S00430159	1.4	82	0.302
S00430160	0.5	34	0.013
S00430161	2.5	39	0.680
S00430162	2.8	40	0.051
S00430163	1.0	104	0.378
S00430164	1.9	61	0.299
S00430165	0.8	22	0.012
S00430166	2.2	36	0.016
S00430167	1.6	17	0.034
S00430168	2.5	55	0.031
S00430169	2.6	39	0.049
S00430170	0.9	107	1.779

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430171	2.1	47	0.056
S00430172	1.3	10	0.282
S00430173	2.7	36	0.358
S00430174	1.7	48	0.016
S00430175	2.2	45	0.019
S00430176	2.4	54	0.020
S00430177	2.6	37	0.015
S00430178	2.6	57	0.023
S00430179	2.0	65	<0.005
S00430180	2.0	62	<0.005
S00430181	2.1	47	<0.005
S00430182	3.7	44	<0.005
S00430183	2.7	57	<0.005
S004301 4	2.3	58	<0.005
S00430185	2.2	58	<0.005
S00430186	2.8	91	0.095
S00430187	2.4	54	0.008
S00430188	2.6	50	0.027
S004301 9	3.3	79	<0.005
S00430190	0.6	36	0.010
S00430191	2.9	80	0.057
S00430192	2.7	142	0.250
S00430193	2.6	78	0.361
S00430194	2.4	234	0.252
S00430195	2.1	85	0.191
S00430196	2.3	89	2.777
S00430197	1.8	103	2.155
S00430198	1.5	99	1.009
S00430199	1.6	91	2.056
S00430200	0.3	96	7.248

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-09541

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Dup S00430191	2.9	74	0.069
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.6	9712	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	27.2	5937	-
*Std OREAS 927	2.1	741	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	31.9	5876	-
*Std OREAS 623	1.8	10034	-
*Std OREAS 927	2.3	751	-
*Rep S00430190	0.5	35	-
*Rep S00430169	-	-	0.048
*Std GS314-2	-	-	2.584
*Blk BLANK	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Rep S00430189	-	-	<0.005
*Std GS314-2	-	-	2.567

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09605

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	17-May-2021
Project	Shakespeare exploration	Date Analysed	22-May-2021 - 14-Jun-2021
Submission Number	*SD* Shakespeare/ 100 Core (1-50)	Date Completed	14-Jun-2021
Number of Samples	50	SGS Order Number	BBM21-09605

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430201	2.20	90	120	151	<1	7.54
S00430202	1.31	167	180	231	2	6.98
S00430203	2.81	323	240	335	1	7.21
S00430204	2.93	270	380	362	2	6.96
S00430205	2.51	317	380	401	3	6.93
S00430206	1.75	236	480	446	3	6.57
S00430207	2.75	392	740	655	4	6.36
S00430208	2.87	117	170	242	2	7.61
S00430209	2.68	155	290	335	2	7.30
S00430210	0.69	<5	<10	<5	<1	0.83
S00430211	2.37	202	360	404	2	7.34
S00430212	2.72	177	430	483	3	7.19
S00430213	2.74	167	350	330	2	7.15
S00430214	2.81	264	460	554	3	6.68
S00430215	2.54	104	190	334	<1	6.99
S00430216	2.19	111	250	181	<1	6.26
S00430217	2.64	63	190	118	<1	5.86
S00430218	1.56	79	120	107	<1	7.44
S00430219	1.96	299	290	407	2	7.44
S00430220	0.11	79	430	558	<1	2.74
S00430221	1.63	19	20	41	<1	7.32
S00430222	2.06	84	100	166	<1	6.98
S00430223	0.70	25	10	36	1	5.03
S00430224	2.29	16	20	37	<1	7.47
S00430225	1.50	18	20	46	<1	7.28
S00430226	1.86	213	280	324	2	7.04
S00430227	1.27	213	320	365	2	7.03
S00430228	2.81	25	30	58	<1	7.44
S00430229	1.32	22	20	54	<1	7.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430230	1.02	22	30	57	<1	7.08
S00430231	1.99	15	20	50	<1	6.73
S00430232	1.49	20	60	72	<1	7.45
S00430233	2.67	15	20	45	<1	7.58
S00430234	2.49	40	60	117	<1	7.24
S00430235	1.65	244	390	474	3	6.77
S00430236	1.79	231	370	409	2	7.29
S00430237	1.57	288	590	584	4	7.28
S00430238	1.98	9	20	29	<1	8.14
S00430239	2.45	11	20	48	<1	7.44
S00430240	0.65	<5	<10	<5	2	0.87
S00430241	2.28	7	20	44	1	7.72
S00430242	2.53	11	20	58	<1	7.37
S00430243	2.44	14	30	56	<1	7.61
S00430244	1.63	26	30	66	<1	7.58
S00430245	1.37	19	40	93	<1	7.59
S00430246	2.49	8	20	23	<1	8.00
S00430247	1.71	8	10	20	<1	8.49
S00430248	1.47	194	330	334	1	7.93
S00430249	1.94	7	10	23	<1	8.39
S00430250	0.11	54	580	992	1	1.46
*Dup S00430239	-	12	20	52	<1	7.31
*Rep S00430233	-	14	20	44	-	-
*Std OREAS 681	-	52	520	236	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	161	410	221	-	-
*Std OREAS 45f	-	20	40	58	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09605

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 680	-	153	390	212	-	-
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 6 3	-	-	-	-	21	5.03
*Rep S00430208	-	-	-	-	1	7.53
*Blk BLANK	-	-	-	-	<1	<0.01
*Std MP-2a	-	-	-	-	5	6.00
*Std OREAS 927	-	-	-	-	9	6.43
*Rep S00430242	-	-	-	-	<1	7.43
*Blk BLANK	-	-	-	-	<1	0.01
*Rep S00430248	-	-	-	-	1	8.00
*Std OREAS 623	-	-	-	-	18	5.34
*Std OREAS 927	-	-	-	-	3	6.89
*Std MP-2a	-	-	-	-	4	6.53
*Blk BLANK	-	-	-	-	<1	<0.01
*Std OREAS 681	-	53	540	246	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	147	390	207	-	-
*Rep S00430216	-	99	220	178	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	57	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430201	53	252	1	5.6	4.3	0.3
S00430202	62	158	<1	10.7	4.2	0.4
S00430203	131	109	<1	12.0	4.0	0.5
S00430204	91	134	<1	15.9	4.4	0.5
S00430205	184	165	<1	20.0	4.5	0.5
S00430206	225	119	<1	16.9	3.3	0.6
S00430207	168	63	<1	26.2	4.0	0.9
S00430208	80	269	<1	9.2	4.6	0.3
S00430209	109	197	<1	12.5	4.4	0.5
S00430210	<3	50	<1	<0.1	21.2	<0.2
S00430211	95	194	<1	13.8	4.4	0.6
S00430212	521	195	<1	12.2	3.9	0.7
S00430213	222	198	<1	10.1	4.6	0.6
S00430214	237	175	<1	15.3	4.4	0.8
S00430215	348	185	<1	5.8	4.3	0.4
S00430216	41	151	<1	4.6	4.6	0.4
S00430217	53	100	<1	3.3	4.0	0.3
S00430218	82	164	<1	3.4	5.9	0.3
S00430219	166	131	<1	10.7	5.4	0.8
S00430220	195	79	<1	0.1	3.3	0.4
S00430221	15	123	<1	0.8	5.2	0.3
S00430222	62	184	<1	3.6	5.0	0.4
S00430223	23	31	<1	1.4	4.7	0.7
S00430224	15	194	<1	0.6	5.2	<0.2
S00430225	30	233	<1	0.8	5.4	<0.2
S00430226	70	218	<1	8.3	5.4	0.6
S00430227	71	175	<1	9.4	5.5	0.7
S00430228	12	168	<1	1.1	5.7	0.2
S00430229	8	118	<1	0.8	6.0	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430230	10	104	<1	0.7	5.9	<0.2
S00430231	14	38	<1	0.7	8.2	<0.2
S00430232	17	165	<1	0.7	5.6	0.3
S00430233	7	145	<1	0.4	5.7	0.3
S00430234	46	123	<1	1.8	5.4	0.4
S00430235	53	135	<1	15.6	5.8	0.9
S00430236	38	159	<1	14.2	5.4	0.8
S00430237	23	155	<1	20.6	5.7	1.0
S00430238	6	155	<1	0.7	6.2	<0.2
S00430239	4	121	<1	0.6	6.0	0.3
S00430240	<3	50	<1	<0.1	21.7	0.3
S00430241	<3	106	<1	0.3	6.0	0.3
S00430242	5	111	<1	0.4	6.0	0.2
S00430243	5	114	<1	0.5	5.9	<0.2
S00430244	25	127	<1	0.8	6.1	<0.2
S00430245	61	124	<1	1.1	6.0	<0.2
S00430246	8	112	<1	0.4	6.5	<0.2
S00430247	5	113	<1	0.7	6.7	<0.2
S00430248	18	100	<1	10.9	6.5	0.7
S00430249	<3	112	<1	0.5	6.8	<0.2
S00430250	5	12	<1	0.5	1.0	0.6
*Dup S00430239	4	124	<1	0.6	5.9	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	71	1325	1	17.7	1.3	51.4
*Rep S00430208	78	261	<1	8.8	4.6	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5607	<10	1	908	3.3	15.6
*Std OREAS 927	15	299	2	61.2	0.4	1.1
*Rep S00430242	8	109	<1	0.4	5.9	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.4
*Rep S00430248	27	98	<1	10.8	6.5	0.7
*Std OREAS 623	80	1329	2	18.3	1.4	49.9
*Std OREAS 927	16	296	2	66.9	0.5	1.0
*Std MP-2a	5652	<10	2	903	3.4	13.6
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430201	144	227	1.1	1626	11.25	0.9
S00430202	215	212	1.9	3065	12.37	0.6
S00430203	281	216	1.0	3378	12.60	0.4
S00430204	295	256	0.9	4112	13.31	0.5
S00430205	339	272	0.5	5455	12.65	0.6
S00430206	401	216	0.5	5458	12.78	0.4
S00430207	487	291	0.4	6676	15.62	0.2
S00430208	155	489	1.0	2443	9.79	0.7
S00430209	178	436	0.8	3354	10.00	0.5
S00430210	2.4	<5	0.3	22	0.67	0.3
S00430211	175	412	0.9	3624	10.17	0.5
S00430212	333	367	1.1	4624	9.87	0.6
S00430213	167	382	1.0	3507	9.65	0.6
S00430214	219	382	1.1	4510	11.09	0.5
S00430215	179	376	1.1	1662	9.91	0.6
S00430216	110	429	0.7	1828	11.20	0.5
S00430217	131	377	1.8	1404	11.89	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430218	105	213	0.9	1146	9.37	0.5
S00430219	152	226	0.7	4702	10.85	0.4
S00430220	190	2708	2.0	2886	11.27	0.2
S00430221	53.3	211	0.9	310	8.91	0.4
S00430222	107	182	1.9	1800	9.64	0.7
S00430223	64.4	118	0.1	2851	6.94	<0.1
S00430224	58.0	175	1.9	265	8.83	0.6
S00430225	76.4	200	3.0	355	9.39	0.8
S00430226	158	169	2.8	3488	10.95	0.8
S00430227	164	140	2.2	4062	11.47	0.7
S00430228	59.4	172	2.4	543	9.38	0.7
S00430229	51.9	168	1.8	289	9.17	0.5
S00430230	54.1	164	1.4	312	9.35	0.4
S00430231	51.8	156	0.4	135	8.27	0.2
S00430232	65.7	170	1.6	520	9.70	0.7
S00430233	59.7	136	1.5	240	8.79	0.6
S00430234	84.6	229	1.4	1107	9.97	0.5
S00430235	207	104	2.0	4799	11.45	0.6
S00430236	173	88	2.7	4300	11.29	0.7
S00430237	198	79	3.3	6118	12.48	0.7
S00430238	62.7	95	2.9	130	9.63	0.7
S00430239	61.2	121	2.5	416	9.65	0.6
S00430240	2.5	11	0.3	13	0.75	0.3
S00430241	59.5	148	2.6	297	9.50	0.6
S00430242	59.2	159	1.7	490	9.36	0.6
S00430243	59.2	108	2.3	423	8.85	0.7
S00430244	75.0	137	1.7	455	8.97	0.7
S00430245	90.8	74	2.7	413	8.69	0.7
S00430246	57.6	49	2.1	205	7.59	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09605

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430247	65.2	53	2.1	259	8.18	0.7
S00430248	140	67	2.4	3963	10.38	0.7
S00430249	51.1	59	2.3	292	8.43	0.7
S00430250	337	3301	0.2	4058	17.03	<0.1
*Dup S00430239	63.4	127	2.5	428	9.72	0.6
*Blk BLANK	<0.5	<5	<0.1	5	<0.01	<0.1
*Std OREAS 623	214	16	2.5	16766	12.94	1.3
*Rep S00430208	154	491	1.0	2439	9.72	0.7
*Blk BLANK	<0.5	<5	<0.1	2	<0.01	<0.1
*Std MP-2a	6.2	137	5.5	461	5.24	1.1
*Std OREAS 927	29.8	58	4.7	11046	8.65	1.7
*Rep S00430242	61.2	161	1.7	498	9.34	0.6
*Blk BLANK	<0.5	<5	<0.1	2	0.02	<0.1
*Rep S00430248	141	51	2.4	3849	9.98	0.7
*Std OREAS 623	224	28	3.0	16955	13.80	1.5
*Std OREAS 927	30.4	82	5.2	10583	8.96	1.9
*Std MP-2a	5.7	165	6.2	456	5.39	1.4
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430201	16.3	19	3.19	1139	8	1569
S00430202	14.8	16	3.25	1144	13	2608
S00430203	14.9	20	3.50	1045	15	3607
S00430204	10.2	15	3.98	1026	18	4360
S00430205	11.8	15	4.01	997	18	4351

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430206	14.1	14	3.59	849	20	4865
S00430207	10.9	13	4.22	940	24	6928
S00430208	13.4	13	4.24	1000	5	2191
S00430209	13.9	12	4.09	980	5	2750
S00430210	4.9	8	8.07	411	<2	20
S00430211	14.3	12	3.97	956	6	3104
S00430212	17.2	12	3.53	863	6	3504
S00430213	12.5	12	3.97	962	5	2720
S00430214	12.9	12	4.25	1005	6	4208
S00430215	12.7	15	4.28	1062	3	1769
S00430216	9.8	16	4.49	1240	3	1405
S00430217	9.4	15	4.70	1351	2	1310
S00430218	10.3	13	3.87	1096	<2	950
S00430219	10.8	11	3.73	1117	3	2904
S00430220	3.6	24	11.81	1234	<2	3714
S00430221	15.7	15	3.80	1222	<2	206
S00430222	14.5	12	3.35	1144	3	1355
S00430223	10.0	10	2.22	820	2	653
S00430224	14.7	12	3.46	1167	<2	157
S00430225	13.5	13	3.65	1209	<2	268
S00430226	14.0	17	3.67	1170	3	2431
S00430227	13.4	11	3.38	1147	4	3159
S00430228	13.0	12	3.70	1229	2	279
S00430229	12.5	13	3.79	1234	3	221
S00430230	12.2	12	3.77	1237	3	252
S00430231	11.4	9	3.29	1198	<2	177
S00430232	10.9	13	4.18	1323	<2	252
S00430233	10.5	14	3.76	1199	<2	222
S00430234	10.5	12	4.47	1319	<2	567

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430235	12.1	12	3.51	1204	<2	3754
S00430236	14.0	11	3.46	1210	4	3276
S00430237	11.4	10	3.21	1221	3	4632
S00430238	12.1	12	3.57	1319	<2	153
S00430239	9.6	11	3.66	1336	<2	197
S00430240	4.5	6	8.47	404	<2	17
S00430241	9.5	11	3.58	1333	<2	209
S00430242	8.5	11	4.05	1340	<2	220
S00430243	9.0	12	4.43	1394	<2	197
S00430244	7.7	12	4.87	1494	<2	242
S00430245	11.2	11	4.01	1393	<2	489
S00430246	10.3	9	3.69	1266	<2	161
S00430247	10.6	9	3.80	1310	<2	362
S00430248	9.9	10	3.74	1259	<2	2804
S00430249	9.5	10	3.73	1324	<2	166
S00430250	1.2	<5	13.63	988	3	15950
*Dup S00430239	9.5	12	3.68	1313	<2	208
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 623	24.8	13	1.10	520	9	20
*Rep S00430208	12.5	14	4.33	1013	5	2139
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std MP-2a	154	79	0.09	990	1639	14
*Std OREAS 927	35.5	30	1.99	1064	<2	32
*Rep S00430242	8.4	11	3.99	1354	<2	217
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Rep S00430248	10.0	10	3.60	1239	<2	2747
*Std OREAS 623	24.5	15	1.30	598	9	23
*Std OREAS 927	34.5	35	2.26	1186	<2	37
*Std MP-2a	154	87	0.11	1103	1613	13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430201	0.03	8	2	<1	25.9	<1
S00430202	0.02	8	3	<1	24.4	<1
S00430203	0.03	8	3	<1	23.6	<1
S00430204	0.01	8	4	<1	22.3	<1
S00430205	0.02	9	4	<1	22.3	<1
S00430206	0.02	10	4	<1	21.2	<1
S00430207	0.02	11	5	<1	20.5	1
S00430208	0.02	9	2	<1	24.3	1
S00430209	0.02	10	2	<1	24.0	2
S00430210	0.01	10	<1	<1	6.5	<1
S00430211	0.02	11	2	<1	24.2	2
S00430212	0.03	10	2	<1	24.0	1
S00430213	0.02	10	2	<1	24.9	<1
S00430214	0.02	8	3	<1	23.9	<1
S00430215	0.03	8	<1	<1	24.5	6
S00430216	0.02	6	2	<1	24.1	<1
S00430217	0.02	4	1	<1	23.5	<1
S00430218	0.03	9	<1	<1	23.7	<1
S00430219	0.03	9	2	<1	23.1	<1
S00430220	0.02	5	2	3	18.1	1
S00430221	0.04	7	<1	<1	25.2	6
S00430222	0.03	7	<1	<1	24.4	1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element Method Lower Limit Upper Limit Unit	P GE_IMS90A50 0.01 25 %	Pb GE_IMS90A50 2 50,000 ppm m / m	S GE_IMS90A50 1 25 %	Sb GE_IMS90A50 1 10,000 ppm m / m	Si GE_IMS90A50 0.1 40 %	Sn GE_IMS90A50 1 10,000 ppm m / m
S00430223	0.02	5	<1	<1	30.4	1
S00430224	0.03	7	<1	<1	24.9	2
S00430225	0.03	7	<1	<1	25.4	<1
S00430226	0.03	8	2	<1	24.4	1
S00430227	0.03	9	2	<1	23.6	1
S00430228	0.03	8	<1	<1	25.6	2
S00430229	0.03	7	<1	<1	24.9	1
S00430230	0.03	7	<1	<1	25.0	1
S00430231	0.02	9	<1	<1	26.1	1
S00430232	0.03	6	<1	<1	25.8	2
S00430233	0.02	6	<1	<1	25.1	<1
S00430234	0.03	6	<1	<1	25.5	<1
S00430235	0.03	8	3	<1	23.4	1
S00430236	0.04	8	2	<1	24.4	2
S00430237	0.03	9	3	<1	24.1	1
S00430238	0.03	8	<1	<1	27.3	1
S00430239	0.02	7	<1	<1	25.5	<1
S00430240	0.01	7	<1	<1	6.0	2
S00430241	0.02	5	<1	<1	25.7	<1
S00430242	0.02	6	<1	<1	25.1	<1
S00430243	0.03	6	<1	<1	24.0	<1
S00430244	0.02	6	<1	<1	23.9	<1
S00430245	0.03	7	<1	<1	23.8	1
S00430246	0.03	7	<1	<1	25.1	<1
S00430247	0.03	6	<1	<1	25.6	<1
S00430248	0.03	8	2	<1	23.7	1
S00430249	0.03	7	<1	<1	24.8	<1
S00430250	<0.01	13	7	2	13.7	3
*Dup S00430239	0.02	6	<1	<1	24.7	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09605

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std OREAS 623	0.04	2407	9	24	22.9	14
*Rep S00430 0	0.02	9	2	<1	24.8	1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std MP-2a	<0.01	2708	<1	6	33.2	504
*Std OREAS 927	0.05	203	2	1	29.9	21
*Rep S00430242	0.02	6	<1	<1	25.1	<1
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Rep S00430248	0.03	8	2	<1	23.9	1
*Std OREAS 623	0.05	2454	10	26	23.0	10
*Std OREAS 927	0.06	237	2	2	29.2	23
*Std MP-2a	0.02	2512	<1	7	31.2	514
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430201	181	1	0.51	264	<5	18.2
S00430202	163	3	0.34	270	<5	14.7
S00430203	182	3	0.35	275	<5	14.6
S00430204	155	4	0.26	317	<5	11.0
S00430205	154	5	0.28	309	<5	10.6
S00430206	146	4	0.26	251	<5	11.3
S00430207	126	6	0.27	293	<5	9.7
S00430208	166	2	0.35	324	<5	13.0
S00430209	169	3	0.34	300	<5	13.2
S00430210	130	<1	0.05	10	<5	6.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430211	173	3	0.35	279	<5	13.0
S00430212	163	3	0.39	247	<5	13.0
S00430213	166	2	0.41	284	<5	12.5
S00430214	130	4	0.43	294	<5	13.5
S00430215	121	2	0.43	342	<5	14.4
S00430216	90	1	0.43	351	<5	13.9
S00430217	58	<1	0.45	342	<5	13.8
S00430218	159	<1	0.40	239	<5	13.1
S00430219	167	3	0.41	244	<5	13.2
S00430220	26	<1	0.32	121	<5	7.9
S00430221	158	<1	0.55	243	<5	17.8
S00430222	130	<1	0.53	231	<5	17.5
S00430223	103	<1	0.37	153	<5	13.0
S00430224	168	<1	0.57	244	<5	19.1
S00430225	170	<1	0.51	258	<5	18.0
S00430226	167	2	0.49	261	<5	16.6
S00430227	177	3	0.46	232	<5	15.8
S00430228	177	<1	0.50	227	<5	17.0
S00430229	157	<1	0.45	196	<5	15.8
S00430230	161	<1	0.49	198	<5	15.7
S00430231	199	<1	0.39	196	<5	14.7
S00430232	161	<1	0.47	197	<5	15.5
S00430233	159	<1	0.43	204	<5	15.0
S00430234	134	<1	0.47	251	<5	14.6
S00430235	136	4	0.45	220	<5	16.6
S00430236	178	3	0.47	217	<5	18.2
S00430237	182	5	0.48	216	<5	16.4
S00430238	178	<1	0.49	202	<5	15.9
S00430239	160	<1	0.43	179	<5	14.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09605

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430240	144	<1	0.05	13	<5	7.2
S00430241	174	<1	0.41	180	<5	13.7
S00430242	154	<1	0.34	179	<5	10.9
S00430243	160	<1	0.37	184	<5	12.2
S00430244	150	<1	0.37	194	<5	11.2
S00430245	171	<1	0.47	202	<5	14.3
S00430246	187	<1	0.39	194	<5	12.7
S00430247	196	<1	0.43	211	<5	13.5
S00430248	187	3	0.42	205	<5	12.3
S00430249	187	<1	0.40	216	<5	12.5
S00430250	<10	1	0.10	73	<5	3.4
*Dup S00430239	161	<1	0.42	177	<5	13.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	75	<1	0.14	23	<5	16.9
*Rep S00430208	167	2	0.35	327	<5	13.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	12	5	0.03	<5	3436	241
*Std OREAS 927	26	<1	0.33	71	7	22.3
*Rep S00430242	154	<1	0.34	179	<5	10.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430248	186	3	0.41	203	<5	12.1
*Std OREAS 623	83	<1	0.16	26	<5	16.8
*Std OREAS 927	30	<1	0.36	80	8	22.8
*Std MP-2a	17	6	0.03	<5	3446	239
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09605

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430201	1.8	86	1.224
S00430202	1.4	91	2.250
S00430203	1.4	92	2.850
S00430204	1.1	92	3.381
S00430205	1.0	93	3.300
S00430206	1.1	87	4.168
S00430207	1.0	109	5.535
S00430208	1.2	84	1.181
S00430209	1.3	88	1.564
S00430210	0.5	37	0.018
S00430211	1.3	92	1.748
S00430212	1.3	95	1.958
S00430213	1.3	93	1.483
S00430214	1.4	101	2.239
S00430215	1.5	96	0.756
S00430216	1.5	103	0.950
S00430217	1.4	106	0.945
S00430218	1.2	85	0.571
S00430219	1.3	117	1.918
S00430220	0.7	107	1.813
S00430221	1.6	87	0.052
S00430222	1.6	97	0.906
S00430223	1.2	87	0.817
S00430224	1.8	85	0.043
S00430225	1.7	90	0.090
S00430226	1.6	112	1.575
S00430227	1.5	114	1.960
S00430228	1.6	93	0.111
S00430229	1.4	90	0.049
S00430230	1.5	91	0.059
S00430231	1.5	79	0.018

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09605

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430232	1.4	98	0.077
S00430233	1.5	88	0.060
S00430234	1.4	98	0.230
S00430235	1.5	123	2.134
S00430236	1.7	111	1.796
S00430237	1.5	122	2.559
S00430238	1.5	92	0.020
S00430239	1.4	95	0.064
S00430240	0.5	40	0.012
S00430241	1.2	94	0.066
S00430242	1.0	90	0.076
S00430243	1.3	88	0.071
S00430244	1.2	89	0.061
S00430245	1.4	82	0.289
S00430246	1.3	77	0.050
S00430247	1.4	80	0.176
S00430248	1.2	98	1.775
S00430249	1.3	79	0.070
S00430250	0.4	99	7.208
*Dup S00430239	1.3	95	0.068
*Std GS314-2	-	-	2.520
*Blk BLANK	-	-	<0.005
*Rep S00430226	-	-	1.559
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.547
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.6	9712	-
*Rep S00430208	1.3	84	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	27.2	5937	-
*Std OREAS 927	2.1	741	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09605

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00430242	1.1	96	-
*Blk BLANK	<0.1	<5	-
*Rep S00430248	1.3	100	-
*Std OREAS 623	1.7	9850	-
*Std OREAS 927	2.3	716	-
*Std MP-2a	31.8	5821	-
*Blk BLANK	<0.1	<5	-
*Std GS314-2	-	-	2.584
*Blk BLANK	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.567

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09624

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	17-May-2021
Project	Shakespeare exploration	Date Analysed	21-May-2021 - 14-Jun-2021
Submission Number	*SD* Shakespeare/ 100 Core (51-100)	Date Completed	14-Jun-2021
Number of Samples	50	SGS Order Number	BBM21-09624

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion
1	GO_XRF72	Borate Fusion, XRF, Ore Grade, variable wt.g

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430251	1.89	8	10	36	<1	8.39
S00430252	1.65	16	30	54	<1	8.50
S00430253	2.57	7	10	23	<1	8.90
S00430254	2.60	6	<10	16	<1	8.64
S00430255	2.74	<5	10	19	<1	8.78
S00430256	2.64	7	20	26	<1	9.22
S00430257	2.71	7	10	15	<1	8.63
S00430258	2.68	24	40	36	<1	8.96
S00430259	2.69	13	20	43	<1	7.75
S00430260	0.67	<5	<10	<5	<1	1.00
S00430261	0.65	17	<10	15	<1	1.68
S00430262	1.13	30	20	64	<1	7.81
S00430263	2.55	7	20	31	<1	7.85
S00430264	2.63	6	<10	17	<1	7.42
S00430265	3.22	8	20	18	<1	7.74
S00430266	1.37	39	70	69	<1	6.86
S00430267	2.78	31	40	65	<1	7.97
S00430268	2.57	<5	20	15	<1	7.56
S00430269	3.98	<5	<10	<5	<1	7.62
S00430270	0.11	73	460	560	<1	3.00
S00430271	3.15	<5	<10	<5	<1	7.58
S00430272	3.21	<5	<10	<5	<1	7.31
S00430273	3.46	<5	<10	<5	<1	7.43
S00430274	2.89	17	50	49	<1	7.13
S00430275	2.58	36	70	74	<1	6.34
S00430276	2.85	139	180	272	2	8.52
S00430277	1.94	113	260	216	1	8.34
S00430278	1.62	150	230	312	2	7.30
S00430279	1.23	128	260	229	1	7.30

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 1 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430280	0.86	113	190	223	1	7.65
S00430281	2.62	85	200	165	2	5.91
S00430282	2.73	147	250	330	2	7.25
S00430283	2.02	132	1170	323	2	7.35
S00430284	1.94	15	20	34	<1	7.64
S00430285	1.78	159	290	304	3	6.70
S00430286	0.67	96	170	199	1	7.68
S00430287	2.59	297	540	641	4	6.35
S00430288	2.48	213	330	448	2	7.02
S00430289	1.85	27	40	87	<1	6.87
S00430290	0.62	<5	<10	<5	<1	0.93
S00430291	1.59	18	40	54	<1	7.39
S00430292	1.52	211	300	421	2	7.12
S00430293	2.68	14	20	47	<1	7.75
S00430294	1.90	10	20	47	<1	7.48
S00430295	2.27	16	20	54	<1	7.55
S00430296	2.52	178	280	414	2	6.92
S00430297	2.41	37	60	89	<1	7.32
S00430298	2.64	79	170	186	<1	7.21
S00430299	2.12	19	40	64	<1	7.39
S00430300	0.11	33	560	964	1	1.40
*Dup S00430289	-	28	60	90	2	7.19
*Blk BLANK	-	-	-	-	<1	0.01
*Std OREAS 623	-	-	-	-	18	5.34
*Std OREAS 927	-	-	-	-	3	6.89
*Std MP-2a	-	-	-	-	4	6.53
*Blk BLANK	-	-	-	-	<1	<0.01
*Rep S00430287	-	-	-	-	4	6.28
*Rep S00430296	-	-	-	-	2	6.80

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	1	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 927	-	-	-	-	4	6.50
*Std OREAS 623	-	-	-	-	20	5.33
*Std OREAS 681	-	52	520	236	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430265	-	8	10	16	-	-
*Rep S00430283	-	136	1260	326	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	161	410	221	-	-
*Std OREAS 45f	-	20	40	58	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	153	390	212	-	-
*Std OREAS 753	-	-	-	-	<1	8.88
*Blk BLANK	-	-	-	-	<1	<0.01
*Rep S00430297	-	38	80	93	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	149	390	207	-	-
*Std OREAS 45f	-	20	40	55	-	-
*Std OREAS 681	-	53	520	239	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430251	<3	120	<1	0.4	6.6	<0.2
S00430252	13	128	<1	0.3	7.1	0.2
S00430253	5	140	<1	0.3	7.2	<0.2
S00430254	7	134	<1	0.2	7.6	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430255	10	153	<1	0.2	7.7	<0.2
S00430256	4	137	<1	0.2	7.5	<0.2
S00430257	<3	156	<1	0.2	7.6	<0.2
S00430258	7	159	<1	0.2	7.4	<0.2
S00430259	<3	99	<1	0.2	7.6	0.2
S00430260	<3	40	<1	<0.1	23.3	0.2
S00430261	<3	23	<1	0.3	1.7	0.4
S00430262	<3	90	<1	0.4	7.8	0.3
S00430263	<3	112	<1	0.1	7.7	<0.2
S00430264	5	133	1	0.8	6.0	<0.2
S00430265	<3	181	1	0.7	4.0	<0.2
S00430266	<3	133	1	1.9	3.2	0.2
S00430267	<3	183	1	1.5	4.4	<0.2
S00430268	<3	168	1	0.4	5.9	<0.2
S00430269	<3	208	2	0.2	6.4	<0.2
S00430270	200	78	<1	0.1	3.4	0.4
S00430271	<3	158	2	0.1	6.7	<0.2
S00430272	<3	155	1	0.2	6.7	<0.2
S00430273	<3	154	1	0.2	7.0	<0.2
S00430274	11	105	<1	1.0	5.7	0.2
S00430275	7	73	<1	2.9	3.6	0.2
S00430276	73	95	<1	10.0	4.9	0.6
S00430277	51	150	<1	8.4	4.6	0.5
S00430278	61	166	<1	11.9	3.8	0.7
S00430279	51	100	<1	8.0	3.7	0.5
S00430280	57	97	<1	7.7	3.9	0.6
S00430281	32	92	<1	5.1	4.9	0.6
S00430282	57	140	<1	10.3	4.8	0.5
S00430283	<3	166	<1	9.2	5.1	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00430284	9	300	<1	0.9	6.0	0.2
S00430285	22	164	<1	9.9	6.8	0.6
S00430286	28	244	<1	5.9	4.8	0.4
S00430287	121	137	<1	19.4	4.9	0.9
S00430288	44	156	<1	11.9	4.8	0.6
S00430289	12	160	<1	1.5	5.2	0.3
S00430290	<3	40	<1	<0.1	20.6	0.2
S00430291	4	183	<1	0.9	5.3	0.2
S00430292	33	231	<1	9.3	5.2	0.9
S00430293	<3	236	<1	0.5	5.4	0.2
S00430294	<3	202	<1	0.4	5.3	0.3
S00430295	<3	222	<1	0.7	5.2	0.5
S00430296	42	77	<1	8.4	4.4	0.4
S00430297	10	117	<1	1.8	5.1	0.4
S00430298	23	130	<1	4.1	5.1	0.5
S00430299	5	199	<1	0.9	5.2	0.4
S00430300	3	<10	<1	0.5	1.0	0.7
*Dup S00430289	9	153	<1	1.2	5.5	0.5
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.4
*Std OREAS 623	80	1329	2	18.3	1.4	49.9
*Std OREAS 927	16	296	2	66.9	0.5	1.0
*Std MP-2a	5652	<10	2	903	3.4	13.6
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430287	89	142	<1	20.5	4.9	0.9
*Rep S00430296	46	77	<1	9.2	4.4	0.3
*Std OREAS 927	15	302	2	56.2	0.4	1.1
*Std OREAS 623	78	1317	2	17.8	1.3	52.8
*Std OREAS 753	5	22	120	2.2	0.2	1.6
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element Method Lower Limit Upper Limit Unit	Co GE_IMS90A50 0.5 10,000 ppm m / m	Cr GE_IMS90A50 5 10,000 ppm m / m	Cs GE_IMS90A50 0.1 10,000 ppm m / m	Cu GE_IMS90A50 2 50,000 ppm m / m	Fe GE_IMS90A50 0.01 25 %	K GE_IMS90A50 0.1 30 %
S00430251	60.3	58	2.5	567	9.33	0.8
S00430252	54.8	49	0.9	787	7.88	0.7
S00430253	46.5	50	1.2	437	7.15	0.8
S00430254	49.0	50	1.0	335	7.82	0.7
S00430255	46.8	66	0.9	265	7.04	0.8
S00430256	46.3	57	1.2	283	7.08	0.8
S00430257	48.4	61	1.7	273	7.70	0.9
S00430258	48.1	63	1.3	487	7.13	0.8
S00430259	49.8	85	1.0	280	8.14	0.5
S00430260	2.7	25	0.3	13	0.77	0.4
S00430261	22.2	81	0.3	2454	2.65	0.2
S00430262	52.7	91	0.7	857	8.36	0.5
S00430263	51.3	82	1.1	261	8.42	0.6
S00430264	51.5	91	2.3	182	10.20	0.9
S00430265	40.6	119	3.7	379	7.87	1.3
S00430266	57.4	132	2.0	740	6.97	1.0
S00430267	70.2	215	3.1	491	9.65	1.2
S00430268	56.2	87	2.8	171	10.44	1.0
S00430269	50.7	62	3.4	88	12.36	1.1
S00430270	202	2965	2.4	2874	11.83	0.2
S00430271	51.5	68	2.2	70	11.92	0.9
S00430272	53.7	60	2.2	95	11.69	0.9
S00430273	55.6	109	1.7	147	11.75	0.8
S00430274	93.3	244	2.2	519	11.61	0.7
S00430275	72.8	262	1.1	842	7.92	0.5
S00430276	207	403	0.5	3018	11.20	0.4
S00430277	157	538	0.6	2342	10.26	0.6
S00430278	193	529	0.7	3544	10.76	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430279	148	466	0.9	2045	10.45	0.5
S00430280	157	483	0.9	1594	10.96	0.5
S00430281	137	416	1.5	2998	11.65	0.5
S00430282	170	344	1.8	3085	11.67	0.7
S00430283	118	295	2.1	2177	11.42	0.8
S00430284	58.6	192	1.6	1098	7.87	1.0
S00430285	144	169	1.1	3694	9.36	0.6
S00430286	111	190	2.0	2420	9.54	0.9
S00430287	284	194	1.9	6165	12.00	0.7
S00430288	175	159	1.2	3750	10.39	0.6
S00430289	70.3	148	1.7	979	8.53	0.7
S00430290	2.7	<5	0.4	15	0.67	0.4
S00430291	56.8	144	1.9	332	8.48	0.8
S00430292	155	127	2.2	3409	9.95	1.0
S00430293	58.4	165	2.4	240	8.61	1.1
S00430294	52.5	169	2.2	333	8.31	0.9
S00430295	59.8	194	2.5	579	8.92	1.0
S00430296	209	267	1.5	2340	11.06	0.5
S00430297	78.1	278	2.0	1040	9.72	0.6
S00430298	115	281	1.3	1567	10.02	0.6
S00430299	64.0	238	1.8	570	8.76	0.8
S00430300	329	3374	0.2	3960	15.46	<0.1
*Dup S00430289	71.3	174	1.9	1079	9.02	0.8
*Blk BLANK	<0.5	<5	<0.1	2	0.02	<0.1
*Std OREAS 623	224	28	3.0	16955	13.80	1.5
*Std OREAS 927	30.4	82	5.2	10583	8.96	1.9
*Std MP-2a	5.7	165	6.2	456	5.39	1.4
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1
*Rep S00430287	275	160	1.9	6148	11.97	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	5	0.1	2	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Rep S00430296	211	255	1.5	2354	10.98	0.5
*Std OREAS 927	28.4	57	5.4	10465	8.39	1.9
*Std OREAS 623	228	15	2.9	16448	12.77	1.5
*Std OREAS 753	1.1	39	62.2	22	0.91	2.1
*Blk BLANK	<0.5	<5	<0.1	<2	<0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430251	9.0	12	4.32	1416	<2	165
S00430252	9.2	10	4.42	1221	<2	245
S00430253	10.1	9	4.05	1132	<2	184
S00430254	9.3	9	4.17	1224	<2	157
S00430255	9.9	8	4.10	1163	<2	176
S00430256	9.5	9	4.56	1147	<2	196
S00430257	9.8	10	4.19	1209	<2	201
S00430258	10.5	10	4.24	1158	<2	281
S00430259	8.3	9	4.83	1298	<2	140
S00430260	5.6	8	9.15	486	<2	13
S00430261	1.8	<5	1.16	326	3	64
S00430262	8.3	7	4.80	1320	<2	138
S00430263	8.3	10	5.02	1320	<2	137
S00430264	14.8	14	4.22	1491	<2	114
S00430265	19.6	15	2.70	944	<2	187
S00430266	17.4	13	2.61	817	3	591
S00430267	18.5	16	3.66	1165	<2	633

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430268	17.4	13	3.48	1384	<2	158
S00430269	17.6	16	4.45	1759	<2	81
S00430270	3.6	27	13.38	1434	<2	4116
S00430271	15.5	12	4.08	1721	<2	65
S00430272	15.4	11	3.91	1706	<2	59
S00430273	14.7	12	3.90	1725	<2	77
S00430274	13.5	15	4.92	1578	<2	524
S00430275	10.5	12	3.76	1022	3	681
S00430276	12.0	15	4.81	1227	6	3158
S00430277	13.1	16	5.06	1132	6	2269
S00430278	12.2	22	5.45	1155	7	3057
S00430279	11.7	20	5.17	1217	4	2084
S00430280	11.1	20	5.26	1270	5	2363
S00430281	11.5	16	6.13	1515	3	1488
S00430282	10.5	15	4.93	1377	3	2631
S00430283	11.2	16	5.25	1496	<2	1614
S00430284	11.8	14	4.08	1340	<2	276
S00430285	10.1	13	3.87	1294	4	2461
S00430286	11.7	14	4.34	1335	2	1313
S00430287	10.0	13	3.88	1267	3	5351
S00430288	10.5	15	3.94	1258	3	3165
S00430289	11.8	13	4.04	1291	<2	367
S00430290	6.0	8	8.48	463	<2	12
S00430291	10.7	14	4.01	1322	<2	287
S00430292	9.4	17	3.75	1190	<2	2967
S00430293	10.7	15	4.36	1329	<2	197
S00430294	11.3	17	4.12	1295	<2	149
S00430295	11.3	16	4.25	1374	<2	204
S00430296	10.7	16	4.63	1357	4	3069

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	5
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430297	9.3	16	4.80	1372	<2	638
S00430298	10.0	15	4.95	1436	<2	1584
S00430299	12.3	14	4.48	1401	<2	330
S00430300	1.1	5	13.86	991	3	15190
*Dup S00430289	11.7	13	4.01	1378	2	389
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Std OREAS 623	24.5	15	1.30	598	9	23
*Std OREAS 927	34.5	35	2.26	1186	<2	37
*Std MP-2a	154	87	0.11	1103	1613	13
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5
*Rep S00430287	10.1	13	3.75	1262	3	5290
*Rep S00430296	11.0	16	4.60	1322	4	3049
*Std OREAS 927	36.1	35	2.15	1173	<2	26
*Std OREAS 623	24.9	17	1.27	607	9	12
*Std OREAS 753	0.4	>10000	0.02	802	3	17
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<5

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430251	0.03	6	<1	<1	25.6	1
S00430252	0.03	7	<1	<1	24.8	<1
S00430253	0.03	7	<1	<1	25.1	<1
S00430254	0.03	7	<1	<1	24.6	<1
S00430255	0.03	7	<1	<1	24.8	<1
S00430256	0.03	7	<1	<1	25.2	<1

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430257	0.03	7	<1	<1	24.8	<1
S00430258	0.03	7	<1	<1	25.4	<1
S00430259	0.03	7	<1	<1	24.1	<1
S00430260	0.02	5	<1	<1	5.3	<1
S00430261	0.01	2	<1	<1	>40.0	<1
S00430262	0.03	7	<1	<1	24.3	<1
S00430263	0.03	7	<1	<1	25.3	<1
S00430264	0.07	9	<1	<1	23.6	3
S00430265	0.06	9	<1	<1	27.6	1
S00430266	0.05	8	<1	<1	29.0	<1
S00430267	0.05	8	<1	<1	26.0	1
S00430268	0.08	8	<1	<1	23.3	1
S00430269	0.11	6	<1	<1	20.6	1
S00430270	0.03	5	2	4	17.6	<1
S00430271	0.10	6	<1	<1	21.9	1
S00430272	0.10	7	<1	<1	21.9	1
S00430273	0.10	6	<1	<1	22.5	1
S00430274	0.07	7	<1	<1	21.9	<1
S00430275	0.03	10	<1	<1	28.5	<1
S00430276	0.03	9	2	<1	22.5	1
S00430277	0.03	8	1	<1	22.6	1
S00430278	0.03	10	2	<1	22.0	2
S00430279	0.03	7	1	<1	22.8	1
S00430280	0.03	7	1	<1	22.9	2
S00430281	0.03	4	1	<1	23.9	1
S00430282	0.03	7	1	<1	22.0	1
S00430283	0.04	6	<1	<1	22.8	1
S00430284	0.04	6	<1	<1	23.2	2
S00430285	0.03	8	1	<1	21.7	1

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	1
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430286	0.03	6	<1	<1	23.1	2
S00430287	0.03	7	3	<1	20.9	2
S00430288	0.03	8	2	<1	21.8	1
S00430289	0.03	7	<1	<1	22.0	<1
S00430290	0.02	6	<1	<1	5.8	1
S00430291	0.03	7	<1	<1	24.1	<1
S00430292	0.04	6	2	<1	21.9	2
S00430293	0.04	5	<1	<1	24.8	2
S00430294	0.04	6	<1	<1	24.1	2
S00430295	0.04	5	<1	<1	25.0	2
S00430296	0.03	8	2	<1	22.6	2
S00430297	0.03	4	<1	<1	23.9	2
S00430298	0.03	4	2	<1	23.8	2
S00430299	0.03	4	<1	<1	24.0	<1
S00430300	<0.01	14	6	2	14.1	3
*Dup S00430289	0.04	5	<1	<1	23.9	2
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Std OREAS 623	0.05	2454	10	26	23.0	10
*Std OREAS 927	0.06	237	2	2	29.2	23
*Std MP-2a	0.02	2512	<1	7	31.2	514
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1
*Rep S00430287	0.03	7	3	<1	21.2	1
*Rep S00430296	0.03	8	2	<1	22.2	2
*Std OREAS 927	0.05	222	2	2	29.3	22
*Std OREAS 623	0.04	2609	8	26	23.3	10
*Std OREAS 753	0.12	11	<1	<1	31.4	134
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430251	171	<1	0.47	220	<5	13.1
S00430252	182	<1	0.39	220	<5	13.2
S00430253	206	<1	0.33	217	<5	12.9
S00430254	195	<1	0.43	242	<5	13.8
S00430255	194	<1	0.40	231	<5	13.9
S00430256	189	<1	0.32	210	<5	12.3
S00430257	188	<1	0.45	237	<5	15.0
S00430258	190	<1	0.37	211	<5	13.1
S00430259	170	<1	0.45	257	<5	14.4
S00430260	176	<1	0.07	17	<5	6.3
S00430261	31	<1	0.11	60	<5	3.3
S00430262	167	<1	0.46	263	<5	14.7
S00430263	191	<1	0.45	256	<5	14.8
S00430264	177	<1	1.09	322	<5	24.0
S00430265	207	<1	0.85	241	<5	21.4
S00430266	178	<1	0.56	208	<5	16.0
S00430267	194	<1	0.73	280	<5	18.9
S00430268	195	<1	1.28	361	<5	25.7
S00430269	165	<1	1.69	430	<5	29.7
S00430270	32	1	0.35	144	<5	8.5
S00430271	159	<1	1.53	409	<5	28.6
S00430272	158	<1	1.48	401	<5	27.8
S00430273	151	<1	1.49	405	<5	28.1
S00430274	162	<1	0.97	380	<5	20.8
S00430275	153	<1	0.43	238	<5	12.4
S00430276	232	3	0.36	345	<5	11.9
S00430277	205	2	0.37	368	<5	12.8
S00430278	125	3	0.35	359	<5	12.3
S00430279	142	2	0.38	323	<5	12.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430280	153	2	0.40	333	<5	12.9
S00430281	89	1	0.46	360	<5	15.0
S00430282	149	2	0.43	305	<5	13.4
S00430283	137	2	0.48	290	<5	15.0
S00430284	178	<1	0.54	223	<5	16.4
S00430285	154	2	0.42	208	<5	13.3
S00430286	160	1	0.49	237	<5	15.1
S00430287	141	5	0.42	206	<5	12.9
S00430288	155	3	0.42	186	<5	13.6
S00430289	165	<1	0.43	180	<5	14.5
S00430290	136	<1	0.06	13	<5	7.1
S00430291	182	<1	0.45	209	<5	15.2
S00430292	152	2	0.42	203	<5	14.4
S00430293	174	<1	0.51	223	<5	16.3
S00430294	173	<1	0.54	227	<5	16.2
S00430295	169	<1	0.56	256	<5	17.6
S00430296	123	2	0.44	254	<5	13.9
S00430297	134	<1	0.45	260	<5	14.1
S00430298	136	1	0.44	266	<5	15.2
S00430299	160	<1	0.50	250	<5	17.0
S00430300	<10	1	0.09	70	<5	3.2
*Dup S00430289	172	<1	0.48	200	5	16.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	83	<1	0.16	26	<5	16.8
*Std OREAS 927	30	<1	0.36	80	8	22.8
*Std MP-2a	17	6	0.03	<5	3446	239
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430287	141	5	0.42	204	<5	12.9
*Rep S00430296	120	2	0.44	253	<5	14.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	28	<1	0.34	76	10	22.3
*Std OREAS 623	77	<1	0.15	25	<5	17.0
*Std OREAS 753	29	<1	<0.01	<5	6	1.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430251	1.4	91	0.120	-	-	-
S00430252	1.4	77	0.108	-	-	-
S00430253	1.3	71	0.074	-	-	-
S00430254	1.4	79	0.071	-	-	-
S00430255	1.4	72	0.056	-	-	-
S00430256	1.3	71	0.079	-	-	-
S00430257	1.6	88	0.078	-	-	-
S00430258	1.4	72	0.122	-	-	-
S00430259	1.5	76	0.070	-	-	-
S00430260	0.5	41	0.010	-	-	-
S00430261	0.3	36	0.301	0.61969	2.72	2.06
S00430262	1.5	87	0.127	-	-	-
S00430263	1.5	86	0.071	-	-	-
S00430264	2.5	117	0.097	-	-	-
S00430265	2.1	88	0.165	-	-	-
S00430266	1.7	84	0.464	-	-	-
S00430267	1.9	107	0.436	-	-	-
S00430268	2.6	114	0.212	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element Method	Yb GE_IMS90A50	Zn GE_IMS90A50	@S GE_CSA06V	@LOI GO_XRF72	@Al2O3 GO_XRF72	@CaO GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430269	3.0	144	0.030	-	-	-
S00430270	0.8	110	1.825	-	-	-
S00430271	2.9	134	0.098	-	-	-
S00430272	2.8	124	0.166	-	-	-
S00430273	2.9	121	0.169	-	-	-
S00430274	2.2	123	0.526	-	-	-
S00430275	1.3	86	0.506	-	-	-
S00430276	1.3	121	1.981	-	-	-
S00430277	1.4	109	1.451	-	-	-
S00430278	1.4	116	1.799	-	-	-
S00430279	1.3	122	1.145	-	-	-
S00430280	1.3	119	1.157	-	-	-
S00430281	1.6	133	0.964	-	-	-
S00430282	1.4	120	1.476	-	-	-
S00430283	1.7	118	0.853	-	-	-
S00430284	1.7	80	0.179	-	-	-
S00430285	1.4	102	1.494	-	-	-
S00430286	1.6	97	0.742	-	-	-
S00430287	1.4	118	3.091	-	-	-
S00430288	1.5	114	1.854	-	-	-
S00430289	1.6	87	0.196	-	-	-
S00430290	0.6	43	0.014	-	-	-
S00430291	1.5	90	0.074	-	-	-
S00430292	1.4	110	1.901	-	-	-
S00430293	1.5	90	0.049	-	-	-
S00430294	1.6	91	0.055	-	-	-
S00430295	1.7	108	0.095	-	-	-
S00430296	1.4	95	1.863	-	-	-
S00430297	1.5	107	0.223	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element Method Lower Limit Upper Limit Unit	Yb GE_IMS90A50 0.1 1,000 ppm m / m	Zn GE_IMS90A50 5 50,000 ppm m / m	@S GE_CSA06V 0.005 30 %	@LOI GO_XRF72 -10 100 %	@Al2O3 GO_XRF72 0.01 100 %	@CaO GO_XRF72 0.01 60 %
S00430298	1.6	106	0.754	-	-	-
S00430299	1.8	93	0.112	-	-	-
S00430300	0.3	94	7.282	-	-	-
*Dup S00430289	1.9	101	0.189	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 623	1.7	9850	-	-	-	-
*Std OREAS 927	2.3	716	-	-	-	-
*Std MP-2a	31.8	5821	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Rep S00430287	1.4	114	-	-	-	-
*Rep S00430296	1.5	94	-	-	-	-
*Std OREAS 927	2.1	712	-	-	-	-
*Std OREAS 623	1.7	10020	-	-	-	-
*Std GS314-2	-	-	2.614	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Rep S00430274	-	-	0.530	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Rep S00430295	-	-	0.096	-	-	-
*Std GS314-2	-	-	2.612	-	-	-
*Std GS314-2	-	-	2.520	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Std GS314-2	-	-	2.547	-	-	-
*Rep S00430251	-	-	0.115	-	-	-
*Rep S00430261	-	-	-	0.58900	2.74	2.09
*Std OREAS 751	-	-	-	0.69600	15.87	1.06
*Blk BLANK	-	-	-	99.9900	<0.01	<0.01
*Std OREAS 753	<0.1	91	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-
 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09624

Element Method Lower Limit Upper Limit Unit	@Cr2O3 GO_XRF72 0.01 5 %	@Fe2O3 GO_XRF72 0.01 100 %	@K2O GO_XRF72 0.01 70 %	@MgO GO_XRF72 0.01 100 %	Mn3O4 GO_XRF72 0.01 100 %	@Na2O GO_XRF72 0.01 60 %
S00430261	<0.01	3.42	0.12	1.72	0.03	0.36
*Rep S00430261	0.01	3.42	0.12	1.76	0.05	0.36
*Std OREAS 751	<0.01	2.44	2.92	0.53	0.08	3.45
*Blk BLANK	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Element Method Lower Limit Upper Limit Unit	@P2O5 GO_XRF72 0.01 55 %	@SiO2 GO_XRF72 0.01 100 %	@TiO2 GO_XRF72 0.01 100 %	@V2O5 GO_XRF72 0.01 10 %	Sum GO_XRF72 0.01 100 %
S00430261	0.01	88.39	0.16	0.01	99.54
*Rep S00430261	0.02	88.21	0.16	<0.01	99.56
*Std OREAS 751	0.29	72.00	0.24	<0.01	99.03
*Blk BLANK	<0.01	<0.01	<0.01	<0.01	0.03

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09776

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	25-May-2021
Project	Shakespeare exploration	Date Analysed	06-Jun-2021 - 15-Jul-2021
Submission Number	*SD* Shakespeare/ 100 Core (1-50)	Date Completed	15-Jul-2021
Number of Samples	50	SGS Order Number	BBM21-09776

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430301	2.08	14	30	50	<5	7.17
S00430302	3.48	231	510	542	<5	6.39
S00430303	4.49	248	500	599	<5	6.69
S00430304	4.60	274	410	630	<5	6.56
S00430305	3.32	150	330	363	<5	6.86
S00430306	4.02	19	30	55	<5	7.67
S00430307	4.30	14	30	45	<5	7.34
S00430308	4.37	22	50	80	<5	6.96
S00430309	3.79	7	20	40	<5	7.17
S00430310	0.66	<5	<10	<5	<5	0.98
S00430311	4.32	6	20	46	<5	7.17
S00430312	4.08	8	20	55	<5	6.92
S00430313	3.32	8	20	41	<5	7.22
S00430314	1.84	<5	10	38	<5	7.01
S00430315	4.04	13	20	36	<5	7.18
S00430316	3.06	9	10	29	<5	7.62
S00430317	3.42	8	10	25	<5	7.35
S00430318	4.35	8	20	31	<5	7.33
S00430319	2.10	<5	<10	9	<5	7.42
S00430320	0.11	68	470	575	<5	2.71
S00430321	2.22	<5	<10	15	<5	7.47
S00430322	0.90	7	<10	28	<5	7.22
S00430323	2.43	<5	<10	9	<5	7.71
S00430324	2.03	<5	<10	17	<5	8.01
S00430325	2.54	<5	20	22	<5	7.64
S00430326	2.29	<5	<10	17	<5	7.50
S00430327	0.76	10	10	26	<5	7.76
S00430328	2.16	<5	10	31	<5	8.05
S00430329	0.52	6	<10	8	<5	6.52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430330	0.37	<5	<10	7	<5	6.86
S00430331	2.04	<5	<10	8	<5	7.40
S00430332	1.31	14	<10	9	<5	7.27
S00430333	1.31	<5	<10	8	<5	7.36
S00430334	2.70	<5	<10	11	<5	7.23
S00430335	1.50	<5	<10	11	<5	7.49
S00430336	2.50	<5	10	19	<5	6.96
S00430337	2.46	<5	20	24	<5	6.90
S00430338	1.00	<5	20	28	<5	7.01
S00430339	3.01	<5	<10	10	<5	6.88
S00430340	0.62	<5	<10	<5	<5	0.99
S00430341	2.63	<5	<10	<5	<5	6.48
S00430342	1.17	<5	10	15	<5	6.05
S00430343	0.83	<5	<10	<5	<5	5.86
S00430344	2.89	5	20	10	<5	6.35
S00430345	0.52	149	270	326	<5	6.12
S00430346	2.35	<5	10	13	<5	7.11
S00430347	2.56	<5	<10	8	<5	6.63
S00430348	0.89	6	<10	<5	<5	4.54
S00430349	2.79	<5	30	26	<5	6.18
S00430350	0.11	34	610	1030	<5	1.27
*Dup S00430339	-	<5	<10	10	<5	6.98
*Std OREAS 680	-	157	410	218	-	-
*Std OREAS 681	-	51	540	242	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430326	-	<5	<10	17	-	-
*Rep S00430329	-	6	<10	7	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	21	4.95
*Std OREAS 927	-	-	-	-	<5	6.33
*Rep S00430322	-	-	-	-	<5	7.46
*Rep S00430337	-	-	-	-	<5	6.83
*Std MP-2a	-	-	-	-	<5	6.18
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	5	6.04
*Std MP-2a	-	-	-	-	5	5.61
*Std OREAS 623	-	-	-	-	22	5.07

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430301	<3	202	<1	1.0	5.5	0.2
S00430302	19	174	<1	15.8	4.9	0.7
S00430303	21	166	<1	17.2	4.9	0.7
S00430304	136	160	<1	16.7	5.0	0.8
S00430305	38	172	<1	8.6	5.2	0.5
S00430306	3	211	<1	0.7	5.7	<0.2
S00430307	4	250	<1	0.5	5.4	<0.2
S00430308	<3	214	<1	0.9	5.2	0.2
S00430309	<3	227	1	0.2	5.6	<0.2
S00430310	<3	71	<1	<0.1	20.0	<0.2
S00430311	<3	176	1	0.2	5.7	<0.2
S00430312	<3	191	<1	0.2	5.7	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430313	<3	184	1	0.2	5.9	<0.2
S00430314	<3	212	2	0.1	6.1	<0.2
S00430315	4	151	1	0.2	6.5	0.3
S00430316	4	147	<1	0.2	6.1	0.2
S00430317	6	142	<1	0.2	6.2	0.2
S00430318	<3	185	<1	0.2	5.9	0.2
S00430319	<3	155	<1	<0.1	6.9	<0.2
S00430320	190	79	<1	0.1	3.3	0.4
S00430321	<3	155	<1	<0.1	6.8	<0.2
S00430322	4	110	<1	<0.1	6.2	<0.2
S00430323	<3	139	<1	0.1	6.8	0.2
S00430324	<3	172	<1	<0.1	6.9	<0.2
S00430325	<3	169	<1	<0.1	6.6	<0.2
S00430326	<3	160	<1	<0.1	6.8	<0.2
S00430327	<3	162	<1	0.1	7.1	1.6
S00430328	<3	158	<1	<0.1	7.3	0.2
S00430329	<3	105	<1	0.1	7.7	<0.2
S00430330	<3	125	<1	<0.1	7.6	<0.2
S00430331	<3	123	<1	<0.1	7.8	<0.2
S00430332	<3	99	<1	0.1	7.6	0.3
S00430333	<3	105	<1	<0.1	7.5	<0.2
S00430334	<3	159	<1	0.1	8.0	<0.2
S00430335	<3	101	<1	0.2	7.7	<0.2
S00430336	<3	108	1	0.2	7.2	0.2
S00430337	<3	192	1	0.2	6.8	0.2
S00430338	<3	137	1	0.2	7.0	<0.2
S00430339	<3	167	2	0.2	7.1	<0.2
S00430340	<3	87	<1	<0.1	18.6	<0.2
S00430341	<3	189	1	0.2	6.3	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430342	<3	72	<1	0.3	5.6	<0.2
S00430343	<3	53	<1	<0.1	6.5	0.3
S00430344	<3	106	<1	0.2	6.6	0.2
S00430345	5	87	<1	4.7	6.8	0.8
S00430346	<3	145	<1	0.3	6.6	<0.2
S00430347	4	157	<1	0.1	5.8	<0.2
S00430348	33	92	<1	0.1	2.8	0.3
S00430349	4	96	<1	0.3	6.1	<0.2
S00430350	4	19	<1	0.5	0.8	0.6
*Dup S00430339	3	169	2	0.2	7.2	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	77	1245	1	17.0	1.4	50.2
*Std OREAS 927	16	288	2	55.8	0.4	1.1
*Rep S00430322	9	114	<1	0.1	6.3	<0.2
*Rep S00430337	<3	188	1	0.2	6.7	<0.2
*Std MP-2a	6049	11	2	938	3.4	15.8
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	18	304	2	53.1	0.3	1.0
*Std MP-2a	5678	12	1	940	2.8	14.4
*Std OREAS 623	79	1448	1	19.1	1.3	53.9

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430301	66.3	208	1.9	313	8.49	0.8
S00430302	244	183	2.0	5552	11.30	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430303	251	151	2.0	5508	11.55	0.7
S00430304	227	163	1.9	5999	11.61	0.7
S00430305	138	164	1.8	3149	9.66	0.7
S00430306	56.3	161	2.2	308	8.33	0.8
S00430307	54.2	167	2.2	222	8.06	1.0
S00430308	63.0	194	2.5	797	9.13	0.9
S00430309	55.2	115	3.5	254	8.86	1.0
S00430310	2.4	<20	0.3	11	0.70	0.4
S00430311	58.4	127	2.6	261	8.91	0.8
S00430312	55.6	106	2.3	368	8.48	0.8
S00430313	57.9	79	3.1	426	8.75	0.9
S00430314	54.4	63	2.9	273	8.51	0.9
S00430315	58.0	65	1.7	827	8.19	0.7
S00430316	54.2	74	1.4	656	7.75	0.6
S00430317	50.8	57	1.7	366	7.80	0.7
S00430318	52.3	65	2.2	660	8.07	0.8
S00430319	51.8	65	1.9	143	8.01	0.7
S00430320	197	2834	2.3	2835	10.61	0.2
S00430321	51.7	54	1.7	162	7.81	0.6
S00430322	70.2	56	1.2	1552	7.83	0.5
S00430323	53.0	62	1.1	367	8.00	0.6
S00430324	51.6	56	1.5	94	7.84	0.7
S00430325	50.6	66	1.8	71	7.86	0.7
S00430326	49.2	51	1.7	106	7.48	0.7
S00430327	60.0	52	1.7	4663	7.85	0.7
S00430328	50.0	54	1.5	109	7.51	0.7
S00430329	45.5	106	0.5	200	7.21	0.4
S00430330	47.8	68	0.8	108	7.46	0.5
S00430331	50.7	69	1.1	93	7.68	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430332	113	79	1.1	668	9.14	0.4
S00430333	48.9	65	1.2	83	7.43	0.5
S00430334	47.2	251	0.7	52	6.70	0.5
S00430335	50.2	178	0.5	139	7.65	0.3
S00430336	60.7	76	0.7	339	10.02	0.4
S00430337	66.0	74	3.5	268	11.10	0.8
S00430338	75.6	69	2.5	444	11.23	0.7
S00430339	58.8	71	3.0	200	11.66	0.8
S00430340	2.5	22	0.4	13	0.72	0.4
S00430341	51.1	55	2.9	111	10.12	0.8
S00430342	52.6	56	6.8	244	8.90	0.8
S00430343	35.0	57	1.3	419	7.60	0.3
S00430344	54.6	75	3.0	216	8.94	0.6
S00430345	219	50	0.7	3436	10.47	0.4
S00430346	46.3	87	0.9	148	7.40	0.5
S00430347	46.7	79	1.2	100	7.77	0.5
S00430348	55.2	94	1.7	672	5.92	0.5
S00430349	51.8	156	1.7	165	9.14	0.5
S00430350	334	3090	0.2	4151	16.36	<0.1
*Dup S00430339	59.1	72	3.2	199	11.60	0.8
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	215	31	2.7	16600	12.56	1.4
*Std OREAS 927	31.2	72	5.3	11038	8.52	1.9
*Rep S00430322	74.7	60	1.3	1587	8.03	0.5
*Rep S00430337	66.4	70	3.4	270	11.09	0.8
*Std MP-2a	5.9	162	6.5	463	5.17	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	30.3	58	4.8	10706	8.62	1.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09776

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std MP-2a	5.7	126	5.6	444	4.93	1.2
*Std OREAS 623	221	31	2.8	17811	13.70	1.5

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430301	11.4	14	4.39	1304	<2	294
S00430302	10.0	14	4.17	1223	<2	4598
S00430303	10.8	14	4.06	1245	<2	4592
S00430304	9.8	13	4.25	1231	<2	4881
S00430305	10.2	14	4.29	1262	<2	2405
S00430306	12.3	16	4.35	1274	<2	272
S00430307	12.4	16	4.34	1240	<2	214
S00430308	11.6	16	4.59	1314	<2	337
S00430309	12.4	14	3.98	1301	<2	146
S00430310	6.3	7	8.52	390	<2	15
S00430311	11.3	14	4.07	1335	<2	171
S00430312	10.8	13	4.06	1335	<2	175
S00430313	11.6	15	3.86	1334	<2	150
S00430314	11.2	13	3.79	1384	<2	132
S00430315	8.8	11	3.82	1285	<2	233
S00430316	10.3	11	3.79	1223	<2	164
S00430317	10.4	15	3.76	1282	<2	125
S00430318	10.4	13	4.02	1261	<2	138
S00430319	9.2	11	4.04	1307	<2	113
S00430320	3.6	27	13.68	1288	<2	4118
S00430321	9.0	12	4.12	1291	<2	111

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430322	9.7	12	4.14	1222	<2	136
S00430323	8.8	12	4.24	1292	<2	116
S00430324	9.1	19	4.30	1299	<2	113
S00430325	8.4	16	4.30	1287	<2	113
S00430326	8.9	12	3.89	1260	<2	110
S00430327	8.2	10	3.91	1234	<2	142
S00430328	8.1	15	4.05	1297	<2	110
S00430329	7.8	8	4.04	1280	<2	144
S00430330	8.4	9	4.25	1324	<2	110
S00430331	8.8	14	4.43	1339	<2	120
S00430332	9.1	8	4.50	1363	<2	339
S00430333	8.3	42	4.40	1280	<2	121
S00430334	7.0	7	4.69	1234	<2	242
S00430335	6.4	17	4.81	1271	<2	141
S00430336	13.8	19	3.77	1331	<2	185
S00430337	14.7	14	3.73	1515	<2	201
S00430338	14.0	10	3.60	1551	<2	229
S00430339	14.2	10	3.57	1674	<2	115
S00430340	6.7	9	8.25	407	<2	14
S00430341	14.7	11	3.36	1466	<2	78
S00430342	11.2	18	3.15	1224	<2	143
S00430343	12.8	19	3.26	1237	<2	77
S00430344	11.8	12	3.62	1408	<2	180
S00430345	9.3	7	3.20	1134	<2	2801
S00430346	8.8	9	3.99	1213	<2	141
S00430347	7.6	10	3.98	1257	<2	112
S00430348	10.5	11	2.91	818	<2	108
S00430349	10.6	17	4.52	1399	<2	128
S00430350	1.3	9	13.16	961	2	14240

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Dup S00430339	14.0	14	3.60	1685	<2	117
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	23.6	16	1.29	561	9	18
*Std OREAS 927	34.8	33	2.26	1116	<2	34
*Rep S00430322	10.1	13	4.13	1263	<2	133
*Rep S00430337	14.1	13	3.75	1506	<2	195
*Std MP-2a	166	90	0.11	1060	1695	11
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	34.6	35	2.18	1154	<2	26
*Std MP-2a	164	96	0.09	1011	1473	<10
*Std OREAS 623	25.8	19	1.32	602	9	26

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430301	0.03	5	<1	<1	22.5	<50
S00430302	0.03	6	2	<1	21.1	<50
S00430303	0.03	7	2	<1	21.6	<50
S00430304	0.03	6	2	<1	21.3	<50
S00430305	0.03	5	1	<1	22.5	<50
S00430306	0.04	5	<1	<1	23.7	<50
S00430307	0.04	5	<1	<1	23.0	<50
S00430308	0.04	5	<1	<1	23.2	<50
S00430309	0.04	6	<1	<1	23.2	<50
S00430310	0.02	6	<1	<1	6.5	<50
S00430311	0.04	5	<1	<1	23.3	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430312	0.04	5	<1	<1	22.6	<50
S00430313	0.04	5	<1	<1	24.0	<50
S00430314	0.04	5	<1	<1	22.9	<50
S00430315	0.03	5	<1	<1	22.9	<50
S00430316	0.03	6	<1	<1	23.2	<50
S00430317	0.04	6	<1	<1	23.9	<50
S00430318	0.03	5	<1	<1	23.6	<50
S00430319	0.03	5	<1	<1	24.0	<50
S00430320	0.03	4	2	3	17.5	<50
S00430321	0.03	5	<1	<1	23.9	<50
S00430322	0.03	4	<1	<1	23.1	<50
S00430323	0.04	5	<1	<1	23.8	<50
S00430324	0.03	5	<1	<1	24.7	<50
S00430325	0.03	5	<1	<1	23.5	<50
S00430326	0.03	5	<1	<1	23.2	<50
S00430327	0.04	5	<1	<1	24.7	<50
S00430328	0.03	5	<1	<1	24.4	<50
S00430329	0.03	6	<1	<1	24.5	<50
S00430330	0.04	5	<1	<1	24.9	<50
S00430331	0.04	6	<1	<1	24.6	<50
S00430332	0.03	7	1	<1	23.2	<50
S00430333	0.04	6	<1	<1	23.8	<50
S00430334	0.03	7	<1	<1	23.1	<50
S00430335	0.02	7	<1	<1	20.9	<50
S00430336	0.09	7	<1	<1	22.7	<50
S00430337	0.09	6	<1	<1	24.1	<50
S00430338	0.09	5	<1	<1	23.5	<50
S00430339	0.10	5	<1	<1	22.6	<50
S00430340	0.02	5	<1	<1	6.0	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430341	0.09	5	<1	<1	20.6	<50
S00430342	0.07	4	<1	<1	18.7	<50
S00430343	0.07	4	<1	<1	19.3	<50
S00430344	0.06	5	<1	<1	19.7	<50
S00430345	0.03	9	3	<1	19.6	<50
S00430346	0.03	7	<1	<1	21.5	<50
S00430347	0.02	6	<1	<1	23.8	<50
S00430348	0.01	5	<1	<1	30.5	<50
S00430349	0.03	10	<1	<1	21.0	<50
S00430350	<0.01	14	7	2	14.7	<50
*Dup S00430339	0.10	6	<1	<1	23.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2317	10	27	22.2	<50
*Std OREAS 927	0.06	199	2	2	29.3	<50
*Rep S00430322	0.03	4	<1	<1	23.9	<50
*Rep S00430337	0.08	6	<1	<1	23.7	<50
*Std MP-2a	0.02	2631	<1	8	34.3	524
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.05	208	1	1	29.8	<50
*Std MP-2a	0.01	2520	<1	6	28.4	487
*Std OREAS 623	0.04	2430	9	26	26.2	109

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430301	167	<1	0.50	262	<5	15.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430302	134	4	0.42	252	<5	13.8
S00430303	151	4	0.47	258	<5	14.5
S00430304	145	5	0.41	218	<5	13.7
S00430305	162	2	0.42	210	<5	14.2
S00430306	185	<1	0.53	233	<5	16.9
S00430307	156	<1	0.57	251	<5	17.5
S00430308	151	<1	0.56	255	<5	17.3
S00430309	162	<1	0.61	243	<5	21.1
S00430310	164	<1	0.06	13	<5	6.8
S00430311	165	<1	0.53	217	<5	16.9
S00430312	171	<1	0.53	211	<5	16.0
S00430313	184	<1	0.53	211	<5	17.0
S00430314	167	<1	0.55	220	<5	17.7
S00430315	189	<1	0.48	222	<5	15.0
S00430316	220	<1	0.45	205	<5	15.3
S00430317	201	<1	0.54	226	<5	13.2
S00430318	186	<1	0.52	221	<5	14.7
S00430319	187	<1	0.48	231	<5	15.0
S00430320	28	<1	0.33	140	<5	8.1
S00430321	187	<1	0.49	228	<5	14.5
S00430322	181	<1	0.48	222	<5	15.1
S00430323	183	<1	0.50	225	<5	14.9
S00430324	204	<1	0.45	225	<5	14.7
S00430325	194	<1	0.47	226	<5	14.2
S00430326	186	<1	0.47	219	<5	14.7
S00430327	198	<1	0.43	208	<5	13.5
S00430328	204	<1	0.42	219	<5	13.9
S00430329	187	<1	0.45	243	<5	13.7
S00430330	188	<1	0.44	255	<5	14.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-09776

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430331	200	<1	0.47	268	<5	15.2
S00430332	212	<1	0.49	280	<5	15.3
S00430333	218	<1	0.46	253	<5	14.4
S00430334	215	<1	0.39	244	<5	12.5
S00430335	190	<1	0.36	228	<5	13.2
S00430336	155	<1	1.31	385	<5	27.3
S00430337	131	<1	1.30	385	<5	25.4
S00430338	144	<1	1.29	400	<5	26.4
S00430339	130	<1	1.47	426	<5	29.2
S00430340	141	<1	0.06	15	<5	6.7
S00430341	141	<1	1.38	383	<5	28.0
S00430342	101	<1	1.08	321	<5	21.7
S00430343	116	<1	1.16	285	<5	21.1
S00430344	171	<1	1.06	334	<5	21.8
S00430345	241	3	0.41	205	<5	13.7
S00430346	255	<1	0.53	232	<5	15.1
S00430347	204	<1	0.36	195	<5	12.7
S00430348	96	<1	0.25	129	<5	11.5
S00430349	129	<1	0.60	245	<5	18.4
S00430350	<10	1	0.09	62	<5	3.4
*Dup S00430339	130	<1	1.49	425	<5	29.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	83	<1	0.15	27	<5	16.9
*Std OREAS 927	30	<1	0.35	81	8	23.6
*Rep S00430322	184	<1	0.49	229	<5	14.9
*Rep S00430337	128	<1	1.27	384	<5	25.1
*Std MP-2a	15	6	0.04	<5	3431	245
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09776

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	26	<1	0.33	67	7	23.5
*Std MP-2a	11	5	0.03	<5	3342	242
*Std OREAS 6 3	81	<1	0.15	22	<5	18.6

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430301	1.6	93	0.059
S00430302	1.5	104	2.504
S00430303	1.5	113	2.397
S00430304	1.4	115	2.490
S00430305	1.4	105	1.268
S00430306	1.7	94	0.065
S00430307	1.8	96	0.043
S00430308	1.8	110	0.203
S00430309	2.0	106	0.093
S00430310	0.6	37	0.013
S00430311	1.7	102	0.080
S00430312	1.7	96	0.079
S00430313	1.6	101	0.065
S00430314	1.8	96	0.064
S00430315	1.5	95	0.166
S00430316	1.5	88	0.249
S00430317	1.4	84	0.078
S00430318	1.5	89	0.128
S00430319	1.5	88	0.046
S00430320	0.8	109	1.833
S00430321	1.5	85	0.062

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09776

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430322	1.5	81	0.393
S00430323	1.5	92	0.078
S00430324	1.4	88	0.055
S00430325	1.4	84	0.028
S00430326	1.5	83	0.041
S00430327	1.3	160	0.629
S00430328	1.3	88	0.038
S00430329	1.3	83	0.105
S00430330	1.4	87	0.060
S00430331	1.5	90	0.057
S00430332	1.5	92	1.049
S00430333	1.4	85	0.036
S00430334	1.2	77	0.015
S00430335	1.2	84	0.024
S00430336	2.5	106	0.454
S00430337	2.3	116	0.433
S00430338	2.4	116	0.728
S00430339	2.7	120	0.348
S00430340	0.6	33	0.017
S00430341	3.0	108	0.152
S00430342	2.3	88	0.710
S00430343	2.1	96	0.239
S00430344	2.2	100	0.213
S00430345	1.4	107	3.499
S00430346	1.6	82	0.049
S00430347	1.3	87	0.020
S00430348	1.2	85	0.107
S00430349	1.7	102	0.102
S00430350	0.4	93	7.262
*Dup S00430339	2.8	121	0.346
*Blk BLANK	<0.1	7	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (1-50)
 Number of Sample 50

ANALYSIS REPORT BBM21-09776

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std OREAS 623	1.7	9396	-
*Std OREAS 927	2.3	710	-
*Rep S00430322	1.5	83	-
*Rep S00430337	2.3	115	-
*Std MP-2a	28.5	5982	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.562
*Rep S00430329	-	-	0.102
*Rep S00430339	-	-	0.346
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.558
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.2	714	-
*Std MP-2a	27.6	5738	-
*Std OREAS 623	1.8	10315	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09777

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	25-May-2021
Project	Shakespeare exploration	Date Analysed	06-Jun-2021 - 13-Jul-2021
Submission Number	*SD* Shakespeare/ 100 Core (51-100)	Date Completed	13-Jul-2021
Number of Samples	50	SGS Order Number	BBM21-09777

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430351	2.65	<5	<10	<5	<5	6.11
S00430352	2.44	54	90	110	<5	6.63
S00430353	2.06	81	20	34	<5	7.03
S00430354	1.37	26	40	50	<5	6.93
S00430355	2.30	6	<10	22	<5	7.23
S00430356	2.50	<5	<10	5	<5	7.29
S00430357	1.35	175	250	319	<5	7.05
S00430358	2.16	24	30	39	<5	6.89
S00430359	1.21	254	410	446	<5	5.43
S00430360	0.68	<5	<10	<5	<5	0.82
S00430361	2.77	11	30	68	<5	6.89
S00430362	1.96	9	30	47	<5	7.32
S00430363	0.68	61	40	69	<5	5.68
S00430364	1.86	21	30	50	<5	7.05
S00430365	1.79	27	50	72	<5	6.84
S00430366	0.99	8	10	16	<5	4.96
S00430367	1.66	5	20	40	<5	6.58
S00430368	0.53	19	20	28	<5	6.26
S00430369	1.85	14	20	37	<5	7.01
S00430370	0.11	64	460	567	<5	2.67
S00430371	1.22	63	30	109	<5	6.63
S00430372	2.62	11	20	27	<5	5.31
S00430373	2.89	6	<10	<5	<5	2.36
S00430374	1.99	19	<10	<5	<5	2.07
S00430375	2.61	14	<10	<5	<5	3.99
S00430376	3.05	<5	<10	<5	<5	7.82
S00430377	1.41	<5	<10	<5	<5	9.20
S00430378	2.63	<5	<10	<5	<5	8.63
S00430379	1.29	<5	<10	<5	<5	9.33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430380	1.10	<5	<10	<5	<5	9.16
S00430381	2.06	<5	<10	6	<5	9.79
S00430382	0.68	<5	<10	<5	<5	9.40
S00430383	1.95	<5	<10	<5	<5	10.56
S00430384	1.64	<5	<10	<5	<5	9.58
S00430385	2.23	<5	<10	<5	<5	7.98
S00430386	1.91	9	<10	<5	<5	8.40
S00430387	2.16	17	20	32	<5	7.94
S00430388	1.25	79	130	166	<5	6.78
S00430389	1.55	52	100	100	<5	6.18
S00430390	0.50	<5	<10	<5	<5	1.24
S00430391	2.74	52	90	119	<5	7.36
S00430392	2.94	92	140	183	<5	6.89
S00430393	2.40	64	90	103	<5	7.02
S00430394	2.59	115	180	221	<5	7.09
S00430395	2.08	129	3520	288	<5	5.45
S00430396	1.60	121	210	266	<5	7.40
S00430397	0.50	277	430	511	<5	6.77
S00430398	2.01	34	50	70	<5	7.15
S00430399	1.71	19	30	51	<5	7.22
S00430400	0.11	66	570	1000	<5	1.38
*Dup S00430389	<0.01	47	100	92	<5	6.19
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	21	5.25
*Std MP-2a	-	-	-	-	6	5.97
*Std OREAS 927	-	-	-	-	5	6.33
*Std OREAS 680	-	157	410	218	-	-
*Std OREAS 681	-	51	540	242	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 45f	-	20	40	59	-	-
*Rep S00430360	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	5	6.04
*Rep S00430358	-	-	-	-	<5	6.84
*Std MP-2a	-	-	-	-	5	5.61
*Std OREAS 623	-	-	-	-	22	5.07
*Rep S00430389	-	-	-	-	<5	6.15
*Std OREAS 45f	-	19	40	57	-	-
*Rep S00430384	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	390	207	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	540	241	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430351	<3	185	1	0.2	6.3	<0.2
S00430352	61	92	<1	2.3	5.8	0.3
S00430353	14	104	<1	0.8	6.1	<0.2
S00430354	14	120	<1	1.0	6.1	0.2
S00430355	<3	203	<1	0.4	6.3	<0.2
S00430356	<3	234	<1	0.3	6.8	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430357	270	69	<1	6.5	6.2	0.7
S00430358	13	409	<1	1.0	5.7	<0.2
S00430359	46	299	<1	10.6	4.9	1.9
S00430360	<3	92	<1	<0.1	18.7	<0.2
S00430361	<3	255	<1	0.5	6.0	0.2
S00430362	<3	263	<1	0.3	5.8	0.2
S00430363	6	277	<1	1.4	4.3	1.4
S00430364	<3	161	<1	0.6	5.9	<0.2
S00430365	7	174	<1	0.7	5.7	<0.2
S00430366	<3	116	<1	0.2	7.9	0.3
S00430367	<3	212	<1	0.3	5.0	<0.2
S00430368	<3	72	<1	0.4	5.6	<0.2
S00430369	<3	139	<1	0.6	6.1	0.3
S00430370	192	86	<1	0.2	3.0	0.4
S00430371	<3	74	<1	0.7	5.5	0.4
S00430372	<3	64	<1	0.4	4.4	0.3
S00430373	18	140	<1	0.2	0.9	0.9
S00430374	49	105	<1	0.7	0.2	0.4
S00430375	64	152	<1	0.2	0.1	<0.2
S00430376	<3	95	2	<0.1	0.3	<0.2
S00430377	6	112	2	1.8	0.4	<0.2
S00430378	4	478	2	<0.1	0.4	<0.2
S00430379	11	103	1	0.3	0.4	<0.2
S00430380	6	102	2	0.1	0.4	<0.2
S00430381	<3	136	1	<0.1	0.5	<0.2
S00430382	<3	56	1	<0.1	0.7	<0.2
S00430383	<3	343	2	<0.1	0.7	<0.2
S00430384	<3	64	2	<0.1	1.4	<0.2
S00430385	<3	214	2	0.3	2.9	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element Method	As GE_IMS90A50	Ba GE_IMS90A50	Be GE_IMS90A50	Bi GE_IMS90A50	Ca GE_IMS90A50	Cd GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430386	8	229	2	0.3	1.8	0.3
S00430387	3	241	2	0.9	1.8	<0.2
S00430388	55	166	1	4.8	2.3	0.5
S00430389	44	93	<1	2.9	3.1	0.4
S00430390	<3	93	<1	<0.1	18.5	0.5
S00430391	23	151	1	3.4	2.8	0.4
S00430392	13	170	<1	4.4	4.2	0.6
S00430393	20	195	<1	2.7	4.6	0.3
S00430394	29	159	<1	5.2	4.8	0.4
S00430395	61	92	<1	6.0	5.2	0.4
S00430396	30	173	<1	6.0	4.7	0.5
S00430397	113	162	<1	11.5	4.1	0.5
S00430398	18	222	<1	1.3	4.8	0.3
S00430399	7	174	<1	0.9	5.2	0.4
S00430400	4	20	<1	0.4	0.9	0.7
*Dup S00430389	42	97	<1	2.9	3.2	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	78	1400	1	16.0	1.4	54.4
*Std MP-2a	5381	12	1	806	3.1	14.3
*Std OREAS 927	15	307	2	67.1	0.4	1.0
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	18	304	2	53.1	0.3	1.0
*Rep S00430358	8	402	<1	0.8	5.7	<0.2
*Std MP-2a	5678	12	1	940	2.8	14.4
*Std OREAS 623	79	1448	1	19.1	1.3	53.9
*Rep S00430389	40	95	<1	3.0	3.0	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430351	50.7	47	2.4	124	10.97	0.8
S00430352	81.2	64	1.2	1052	9.59	0.4
S00430353	52.3	69	0.5	305	8.19	0.3
S00430354	58.1	77	0.8	283	8.31	0.4
S00430355	41.1	59	1.0	67	6.65	0.6
S00430356	40.0	61	0.7	57	7.33	0.5
S00430357	161	59	0.7	3188	9.99	0.3
S00430358	51.1	42	1.6	395	8.31	0.7
S00430359	158	36	1.3	7234	10.63	0.6
S00430360	2.2	<20	0.3	21	0.66	0.4
S00430361	51.7	45	1.7	364	9.11	0.7
S00430362	47.5	28	1.6	274	8.46	1.3
S00430363	55.9	35	0.9	4671	7.18	0.7
S00430364	47.3	32	2.1	225	8.71	0.8
S00430365	52.9	36	3.3	257	8.46	0.8
S00430366	27.5	30	2.0	503	5.30	0.5
S00430367	46.6	34	5.8	172	8.07	1.1
S00430368	40.5	37	2.9	213	7.62	0.5
S00430369	46.4	44	2.3	456	8.21	0.7
S00430370	187	2692	2.1	2840	11.03	0.2
S00430371	40.4	41	2.2	690	7.92	0.5
S00430372	33.1	51	2.4	309	6.80	0.5
S00430373	8.5	58	0.7	39	1.42	0.8
S00430374	20.0	79	0.5	86	1.74	0.6
S00430375	10.7	63	0.8	29	1.63	1.0
S00430376	10.3	155	2.0	14	4.00	0.8
S00430377	17.4	133	3.0	73	4.11	1.1
S00430378	12.3	135	0.8	27	3.91	1.2
S00430379	15.9	145	0.5	48	4.22	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430380	13.1	135	0.5	35	3.75	0.4
S00430381	8.9	276	0.6	16	4.22	0.6
S00430382	2.0	65	0.1	9	0.99	0.3
S00430383	15.6	255	0.9	13	6.70	1.1
S00430384	12.3	109	1.2	26	4.71	0.5
S00430385	36.3	81	5.6	288	7.46	1.5
S00430386	25.1	115	3.4	574	4.74	1.3
S00430387	38.9	171	4.5	297	6.76	1.4
S00430388	132	340	3.4	1577	10.64	1.0
S00430389	116	381	1.8	1164	11.54	0.6
S00430390	2.8	<20	0.3	9	0.86	0.4
S00430391	85.9	313	0.8	1048	8.66	0.5
S00430392	136	389	1.4	2281	11.25	0.7
S00430393	103	395	1.7	968	9.42	0.7
S00430394	140	369	1.3	1866	10.37	0.6
S00430395	163	392	1.2	2126	10.55	0.4
S00430396	138	269	1.7	1993	10.24	0.7
S00430397	240	223	4.3	3177	12.71	1.0
S00430398	71.0	161	2.3	713	8.34	0.8
S00430399	62.5	175	1.8	708	8.65	0.6
S00430400	342	3471	0.2	4111	16.19	<0.1
*Dup S00430389	117	396	1.7	1142	11.66	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	228	31	2.9	17942	13.69	1.4
*Std MP-2a	5.4	144	6.1	448	4.88	1.2
*Std OREAS 927	29.9	67	5.3	10589	8.38	1.8
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	30.3	58	4.8	10706	8.62	1.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Rep S00430358	48.7	34	1.5	402	8.35	0.7
*Std MP-2a	5.7	126	5.6	444	4.93	1.2
*Std OREAS 623	221	31	2.8	17811	13.70	1.5
*Rep S00430389	116	377	1.7	1169	11.55	0.6

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430351	15.4	12	3.11	1681	<2	51
S00430352	11.9	10	3.50	1374	<2	764
S00430353	9.8	11	4.00	1327	<2	253
S00430354	10.3	12	3.78	1270	<2	363
S00430355	9.1	10	4.00	1158	<2	113
S00430356	8.8	9	4.20	1230	<2	134
S00430357	11.5	9	3.50	1287	<2	1959
S00430358	9.6	14	3.34	1249	<2	154
S00430359	8.7	9	2.80	1142	3	2962
S00430360	5.4	10	8.74	396	<2	11
S00430361	12.0	13	3.49	1376	<2	111
S00430362	11.7	11	3.28	1326	<2	107
S00430363	9.0	15	2.58	991	<2	273
S00430364	11.9	16	3.51	1388	<2	148
S00430365	9.3	17	3.44	1238	<2	213
S00430366	8.0	15	2.36	1085	<2	60
S00430367	10.7	20	3.37	1143	<2	76
S00430368	9.5	13	3.13	1189	<2	85

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Order Number PO#Exploration
 Project Shakespeare exploration
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430369	11.3	16	3.63	1306	<2	89
S00430370	3.6	30	13.61	1339	<2	3588
S00430371	11.0	20	3.71	1189	<2	115
S00430372	7.6	11	3.00	990	2	104
S00430373	9.9	9	0.32	183	3	17
S00430374	14.2	<5	0.20	94	3	15
S00430375	8.2	13	0.34	104	2	12
S00430376	17.9	19	2.24	254	3	84
S00430377	2.9	20	2.09	207	3	190
S00430378	26.3	18	2.21	210	<2	62
S00430379	21.8	18	2.23	265	3	119
S00430380	26.1	20	2.03	227	2	102
S00430381	4.5	20	2.37	283	2	107
S00430382	2.4	<5	0.53	94	<2	19
S00430383	51.0	34	3.85	461	3	191
S00430384	76.2	22	2.45	386	<2	81
S00430385	28.4	24	2.25	535	<2	40
S00430386	220	16	1.81	355	2	72
S00430387	25.6	25	3.25	652	2	289
S00430388	20.3	24	4.17	1134	3	1496
S00430389	12.0	22	5.30	1422	2	965
S00430390	6.8	9	7.88	481	<2	14
S00430391	14.4	19	4.17	1036	<2	946
S00430392	11.0	18	4.84	1389	3	1614
S00430393	10.6	19	4.71	1281	<2	885
S00430394	9.6	16	4.66	1283	<2	1615
S00430395	9.0	15	4.99	1458	3	1828
S00430396	9.8	17	4.39	1252	<2	1882
S00430397	13.4	20	4.06	1120	2	3384

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430398	14.7	16	3.73	1219	<2	448
S00430399	13.9	15	3.80	1310	<2	313
S00430400	1.2	<5	13.37	971	2	13982
*Dup S00430389	11.6	21	5.18	1440	2	989
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	25.3	17	1.23	614	9	14
*Std MP-2a	169	84	0.09	1029	1615	<10
*Std OREAS 927	34.4	35	2.10	1139	<2	28
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	34.6	35	2.18	1154	<2	26
*Rep S00430358	9.4	12	3.38	1254	<2	154
*Std MP-2a	164	96	0.09	1011	1473	<10
*Std OREAS 623	25.8	19	1.32	602	9	26
*Rep S00430389	11.8	22	5.34	1416	<2	976

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430351	0.08	6	<1	<1	22.4	<50
S00430352	0.04	7	<1	<1	23.6	<50
S00430353	0.03	8	<1	<1	23.8	<50
S00430354	0.03	9	<1	<1	23.9	<50
S00430355	0.01	9	<1	<1	25.5	<50
S00430356	0.02	10	<1	<1	25.5	<50
S00430357	0.04	11	<1	<1	24.4	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430358	0.02	11	<1	<1	24.9	<50
S00430359	0.02	10	2	<1	25.9	<50
S00430360	0.01	6	<1	<1	6.2	<50
S00430361	0.03	10	<1	<1	25.4	<50
S00430362	0.03	9	<1	<1	25.6	<50
S00430363	0.02	10	<1	<1	27.9	<50
S00430364	0.03	8	<1	<1	24.6	<50
S00430365	0.03	13	<1	<1	23.7	<50
S00430366	0.02	7	<1	<1	24.4	<50
S00430367	0.03	7	<1	<1	23.9	<50
S00430368	0.02	7	<1	<1	25.3	<50
S00430369	0.03	8	<1	<1	25.4	<50
S00430370	0.02	5	1	4	18.6	<50
S00430371	0.02	7	<1	<1	25.3	<50
S00430372	0.02	9	<1	<1	29.5	<50
S00430373	0.01	8	<1	<1	>40.0	119
S00430374	<0.01	9	<1	<1	>40.0	<50
S00430375	0.02	5	<1	<1	>40.0	<50
S00430376	0.03	8	<1	<1	30.9	<50
S00430377	0.04	63	<1	<1	31.0	<50
S00430378	0.03	7	<1	<1	32.0	<50
S00430379	0.03	8	<1	<1	30.2	<50
S00430380	0.03	7	<1	<1	30.5	<50
S00430381	0.03	12	<1	<1	28.4	<50
S00430382	<0.01	7	<1	<1	31.6	<50
S00430383	0.03	6	<1	<1	25.3	65
S00430384	0.06	7	<1	<1	27.9	<50
S00430385	0.06	15	<1	<1	30.4	<50
S00430386	0.04	12	<1	<1	32.0	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430387	0.03	8	<1	<1	30.8	<50
S00430388	0.04	14	<1	<1	28.1	<50
S00430389	0.03	7	<1	<1	26.4	<50
S00430390	0.01	5	<1	<1	8.2	<50
S00430391	0.02	6	<1	<1	27.6	<50
S00430392	0.02	6	<1	<1	24.3	<50
S00430393	0.03	6	<1	<1	22.9	<50
S00430394	0.02	7	<1	<1	21.8	<50
S00430395	0.02	6	<1	<1	22.7	<50
S00430396	0.02	6	<1	<1	22.7	<50
S00430397	0.03	8	1	<1	21.7	<50
S00430398	0.04	5	<1	<1	23.1	<50
S00430399	0.03	6	<1	<1	23.2	<50
S00430400	<0.01	13	6	2	13.7	<50
*Dup S00430389	0.03	6	<1	<1	26.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2453	8	27	23.4	<50
*Std MP-2a	<0.01	2685	<1	7	28.1	527
*Std OREAS 927	0.04	207	1	1	28.5	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.05	208	1	1	29.8	<50
*Rep S00430358	0.02	11	<1	<1	25.3	<50
*Std MP-2a	0.01	2520	<1	6	28.4	487
*Std OREAS 623	0.04	2430	9	26	26.2	109
*Rep S00430389	0.03	8	<1	<1	25.2	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430351	115	<1	1.34	335	<5	27.6
S00430352	171	<1	0.74	246	<5	19.1
S00430353	208	<1	0.54	205	<5	15.7
S00430354	221	<1	0.57	207	<5	16.9
S00430355	262	<1	0.29	176	<5	13.3
S00430356	253	<1	0.36	197	<5	12.9
S00430357	221	2	0.49	241	<5	16.0
S00430358	208	<1	0.44	212	<5	12.8
S00430359	151	3	0.48	177	<5	12.8
S00430360	137	<1	0.06	10	<5	6.7
S00430361	186	<1	0.53	199	<5	18.1
S00430362	208	<1	0.52	191	<5	17.4
S00430363	141	<1	0.41	154	<5	13.6
S00430364	200	<1	0.55	195	<5	18.7
S00430365	176	<1	0.50	192	<5	17.2
S00430366	152	<1	0.34	134	<5	12.9
S00430367	143	<1	0.45	184	<5	16.4
S00430368	158	<1	0.45	170	<5	14.7
S00430369	202	<1	0.47	196	<5	17.0
S00430370	26	1	0.31	118	<5	8.7
S00430371	167	<1	0.42	190	<5	16.1
S00430372	122	<1	0.38	153	<5	11.9
S00430373	29	<1	0.13	22	<5	5.2
S00430374	17	<1	0.07	5	<5	5.3
S00430375	29	<1	0.10	16	<5	6.6
S00430376	44	<1	0.42	95	<5	16.9
S00430377	39	<1	0.26	63	<5	18.1
S00430378	62	<1	0.37	109	<5	12.9
S00430379	53	<1	0.41	115	<5	18.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430380	54	<1	0.40	104	<5	17.8
S00430381	48	<1	0.57	126	<5	22.7
S00430382	56	<1	0.13	24	<5	10.1
S00430383	57	<1	0.62	233	<5	20.1
S00430384	90	<1	0.89	163	19	33.8
S00430385	142	<1	0.77	167	<5	28.8
S00430386	118	<1	0.60	142	<5	27.3
S00430387	105	<1	0.59	183	<5	19.4
S00430388	73	1	0.56	330	<5	18.2
S00430389	55	<1	0.40	322	<5	14.6
S00430390	152	<1	0.06	14	<5	7.7
S00430391	120	<1	0.44	274	<5	15.2
S00430392	123	1	0.39	322	<5	14.7
S00430393	135	<1	0.43	281	<5	14.7
S00430394	156	1	0.34	253	<5	13.0
S00430395	90	2	0.34	243	<5	13.4
S00430396	160	2	0.36	202	<5	12.9
S00430397	155	3	0.40	202	<5	15.6
S00430398	163	<1	0.49	193	<5	19.9
S00430399	183	<1	0.53	208	<5	19.5
S00430400	<10	1	0.09	60	<5	3.9
*Dup S00430389	52	<1	0.41	327	<5	14.6
*Blk BLANK	<10	<1	<0.01	<5	<5	0.5
*Std OREAS 623	81	<1	0.14	21	<5	18.7
*Std MP-2a	13	6	0.03	<5	3396	247
*Std OREAS 927	27	<1	0.31	64	11	24.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	26	<1	0.33	67	7	23.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00430358	205	<1	0.42	212	<5	12.7
*Std MP-2a	11	5	0.03	<5	3342	242
*Std OREAS 623	81	<1	0.15	22	<5	18.6
*Rep S00430389	52	<1	0.41	323	<5	14.2

Element	Yb	Zn	@S
Method	GE IMS90A50	GE IMS90A50	GE CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430351	2.6	115	0.187
S00430352	1.8	111	0.436
S00430353	1.5	97	0.067
S00430354	1.7	98	0.143
S00430355	1.3	76	0.012
S00430356	1.3	84	0.011
S00430357	1.5	119	1.140
S00430358	1.3	87	0.063
S00430359	1.2	187	2.379
S00430360	0.6	35	0.014
S00430361	1.7	98	0.055
S00430362	1.7	88	0.038
S00430363	1.3	108	0.569
S00430364	1.8	92	0.044
S00430365	1.6	83	0.185
S00430366	1.3	61	0.105
S00430367	1.5	82	0.097
S00430368	1.4	76	0.064
S00430369	1.6	84	0.146

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430370	0.8	109	1.805
S00430371	1.5	83	0.137
S00430372	1.2	70	0.092
S00430373	0.5	280	0.184
S00430374	0.5	103	0.476
S00430375	0.7	31	0.136
S00430376	1.7	66	0.008
S00430377	1.6	51	0.169
S0043037	1.2	44	0.020
S00430379	1.7	53	0.075
S00430380	1.7	45	0.047
S00430381	2.1	57	0.006
S00430382	0.9	14	<0.005
S004303 3	1.8	87	<0.005
S00430384	2.9	74	<0.005
S00430385	2.5	78	0.651
S00430386	2.3	67	0.311
S00430387	1.8	82	0.221
S004303	1.7	122	1.029
S00430389	1.4	117	0.629
S00430390	0.6	42	0.021
S00430391	1.5	98	0.504
S00430392	1.4	114	1.057
S00430393	1.4	109	0.421
S00430394	1.3	114	1.023
S00430395	1.3	124	1.012
S00430396	1.3	111	1.086
S00430397	1.5	119	2.212
S0043039	1.8	97	0.135
S00430399	1.8	106	0.095

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Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 100 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-09777

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430400	0.4	94	7.126
*Dup S00430389	1.4	121	0.659
*Blk BLANK	<0.1	9	-
*Std OREAS 6 3	1.8	10513	-
*Std MP-2a	30.3	5944	-
*Std OREAS 927	2.3	733	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.562
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.558
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.2	714	-
*Rep S0043035	1.2	85	-
*Std MP-2a	27.6	5738	-
*Std OREAS 623	1.8	10315	-
*Rep S00430389	1.3	124	-
*Std GS314-2	-	-	2.529
*Blk BLANK	-	-	0.005
*Rep S00430381	-	-	0.008
*Blk BLANK	-	-	<0.005
*Rep S00430389	-	-	0.631
*Std GS314-2	-	-	2.528

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-09803

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	26-May-2021
Project	Shakespeare exploration	Date Analysed	06-Jun-2021 - 13-Jul-2021
Submission Number	*SD* Shakespeare / 50 Samples	Date Completed	13-Jul-2021
Number of Samples	50	SGS Order Number	BBM21-09803

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion
1	GO_XRF72	Borate Fusion, XRF, Ore Grade, variable wt.g

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430401	2.74	13	20	47	<5	7.56
S00430402	1.13	9	20	39	<5	7.37
S00430403	2.18	9	30	44	<5	7.52
S00430404	1.32	8	30	50	<5	7.21
S00430405	2.48	29	30	40	<5	7.45
S00430406	2.96	6	<10	19	<5	7.44
S00430407	1.79	58	150	141	<5	7.02
S00430408	1.77	9	30	54	<5	7.74
S00430409	2.69	<5	<10	9	<5	7.19
S00430410	0.72	<5	<10	<5	<5	1.20
S00430411	1.60	<5	<10	<5	<5	6.61
S00430412	0.78	<5	<10	5	<5	3.89
S00430413	2.05	<5	10	9	<5	6.76
S00430414	1.42	<5	<10	<5	<5	6.67
S00430415	2.42	<5	<10	<5	<5	6.84
S00430416	1.37	<5	<10	<5	<5	6.49
S00430417	3.15	<5	<10	<5	<5	6.91
S00430418	2.57	<5	<10	<5	<5	6.77
S00430419	2.91	<5	<10	<5	<5	7.03
S00430420	0.11	68	450	533	<5	2.69
S00430421	2.34	<5	<10	<5	<5	6.60
S00430422	2.25	85	100	111	<5	6.39
S00430423	2.64	36	30	59	<5	7.20
S00430424	3.06	9	20	42	<5	7.25
S00430425	1.25	8	<10	<5	<5	2.36
S00430426	1.76	<5	<10	<5	<5	3.85
S00430427	0.70	<5	<10	<5	<5	2.30
S00430428	2.85	<5	<10	<5	<5	2.21
S00430429	0.65	<5	<10	<5	<5	2.12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430430	0.74	<5	<10	<5	<5	2.27
S00430431	2.95	6	<10	<5	<5	9.33
S00430432	2.75	<5	<10	<5	<5	3.16
S00430433	1.06	6	<10	<5	<5	9.45
S00430434	1.87	<5	<10	<5	<5	8.56
S00430435	1.19	<5	<10	<5	<5	9.58
S00430436	1.76	<5	<10	<5	<5	3.28
S00430437	1.58	9	<10	5	<5	6.69
S00430438	1.87	<5	<10	6	<5	11.24
S00430439	0.86	14	<10	<5	<5	7.79
S00430440	0.59	<5	<10	<5	<5	1.03
S00430441	2.57	10	<10	<5	<5	7.86
S00430442	0.98	9	<10	<5	<5	8.03
S00430443	0.52	<5	<10	<5	<5	2.17
S00430444	3.11	<5	<10	<5	<5	8.97
S00430445	2.21	<5	10	12	<5	9.13
S00430446	1.96	<5	10	9	<5	9.55
S00430447	1.52	<5	<10	<5	<5	7.34
S00430448	0.68	<5	<10	<5	<5	4.16
S00430449	2.71	<5	<10	<5	<5	8.57
S00430450	0.11	39	560	967	<5	1.36
*Dup S00430441	-	11	<10	<5	<5	8.03
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00430441	-	-	-	-	<5	7.89
*Std MP-2a	-	-	-	-	5	5.76
*Std OREAS 927	-	-	-	-	<5	6.74
*Std OREAS 623	-	-	-	-	20	5.36
*Std OREAS 45f	-	19	40	57	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Rep S00430412	-	<5	<10	6	-	-
*Std OREAS 680	-	157	390	207	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430431	-	6	<10	<5	-	-
*Std OREAS 681	-	53	540	241	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	21	5.25
*Std MP-2a	-	-	-	-	6	5.97
*Rep S00430416	-	-	-	-	<5	6.38
*Std OREAS 927	-	-	-	-	5	6.33
*Rep S00430433	-	-	-	-	<5	10.07
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	54	540	240	-	-
*Std OREAS 45f	-	18	40	52	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	410	213	-	-

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00430401	3	219	<1	0.6	5.5	<0.2
S00430402	<3	108	<1	0.4	5.7	0.2
S00430403	<3	175	<1	0.2	5.5	<0.2
S00430404	<3	166	<1	0.1	5.3	<0.2
S00430405	5	153	<1	0.3	5.9	0.3
S00430406	4	231	<1	<0.1	6.0	<0.2
S00430407	42	202	<1	0.4	6.3	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430408	<3	181	<1	<0.1	6.7	<0.2
S00430409	<3	104	<1	<0.1	7.0	<0.2
S00430410	<3	123	<1	0.3	18.8	0.3
S00430411	<3	<10	<1	0.5	9.5	0.4
S00430412	<3	37	<1	0.1	3.7	<0.2
S00430413	<3	108	<1	<0.1	6.5	<0.2
S00430414	<3	175	<1	0.1	6.8	<0.2
S00430415	<3	212	<1	<0.1	6.9	<0.2
S00430416	<3	182	<1	0.1	4.9	<0.2
S00430417	<3	203	<1	0.1	6.0	<0.2
S00430418	<3	163	<1	0.1	7.0	<0.2
S00430419	<3	138	1	0.2	7.4	0.2
S00430420	189	84	<1	<0.1	3.2	0.4
S00430421	<3	123	<1	0.2	6.7	<0.2
S00430422	5	23	<1	1.4	5.3	1.0
S00430423	6	200	<1	0.5	5.0	0.3
S00430424	<3	204	<1	0.2	5.8	<0.2
S00430425	25	139	<1	0.6	0.4	<0.2
S00430426	4	230	<1	<0.1	0.3	<0.2
S00430427	<3	145	<1	<0.1	0.2	<0.2
S00430428	3	128	<1	<0.1	0.2	0.4
S00430429	6	76	<1	<0.1	0.3	<0.2
S00430430	5	81	<1	<0.1	0.4	<0.2
S00430431	36	547	2	0.2	0.8	<0.2
S00430432	5	180	<1	<0.1	0.4	<0.2
S00430433	12	664	2	0.2	1.0	<0.2
S00430434	23	449	2	0.2	1.4	<0.2
S00430435	22	623	2	0.2	0.8	0.3
S00430436	7	157	<1	<0.1	1.0	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Sample 50

ANALYSIS REPORT BBM21-09803

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430437	11	403	1	0.5	0.4	<0.2
S00430438	219	43	1	<0.1	0.4	<0.2
S00430439	1131	14	<1	0.5	0.4	2.5
S00430440	<3	93	<1	<0.1	17.3	<0.2
S00430441	2185	31	<1	0.7	0.3	0.4
S00430442	1250	13	<1	0.5	0.3	<0.2
S00430443	54	<10	<1	<0.1	<0.1	<0.2
S00430444	305	31	1	0.2	0.3	<0.2
S00430445	57	15	1	0.1	0.3	<0.2
S00430446	35	28	1	0.1	0.4	<0.2
S00430447	277	13	<1	0.4	0.6	<0.2
S00430448	32	<10	<1	<0.1	0.4	<0.2
S00430449	35	26	<1	0.2	0.4	<0.2
S00430450	3	20	<1	0.5	0.9	0.6
*Dup S00430441	2280	31	<1	0.7	0.2	0.5
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430441	2232	31	<1	0.7	0.3	0.4
*Std MP-2a	5447	12	1	911	2.9	12.9
*Std OREAS 927	15	319	2	61.1	0.4	1.0
*Std OREAS 623	82	1358	2	19.5	1.4	54.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	78	1400	1	16.0	1.4	54.4
*Std MP-2a	5381	12	1	806	3.1	14.3
*Rep S00430416	<3	176	<1	0.1	4.9	<0.2
*Std OREAS 927	15	307	2	67.1	0.4	1.0
*Rep S00430433	15	677	2	0.2	1.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430401	60.9	160	2.5	334	8.62	0.8
S00430402	49.8	139	1.3	286	8.25	0.5
S00430403	53.2	131	1.6	261	8.10	0.7
S00430404	60.7	115	2.6	209	9.01	0.7
S00430405	54.0	60	2.4	636	8.72	0.7
S00430406	51.5	46	2.6	165	8.19	0.9
S00430407	83.8	63	2.7	2265	9.33	0.8
S00430408	50.1	51	2.1	262	8.11	0.7
S00430409	45.3	61	0.8	89	7.35	0.4
S00430410	2.4	<20	0.3	15	0.71	0.5
S00430411	19.1	22	<0.1	1027	4.06	<0.1
S00430412	85.4	43	0.3	293	5.45	0.2
S00430413	47.5	79	0.9	57	7.70	0.5
S00430414	54.1	53	2.4	91	11.08	0.7
S00430415	53.7	48	2.4	111	11.17	0.7
S00430416	72.8	53	1.6	347	8.45	0.6
S00430417	54.8	70	3.7	87	10.89	0.8
S00430418	54.1	56	2.5	108	11.18	0.6
S00430419	51.5	62	2.4	292	10.93	0.6
S00430420	194	3006	2.2	2798	10.77	0.2
S00430421	53.4	56	3.6	362	10.82	0.6
S00430422	93.9	84	0.3	955	9.93	<0.1
S00430423	56.5	100	5.1	519	9.36	1.0
S00430424	58.5	88	2.9	285	9.18	0.8
S00430425	50.5	119	2.1	41	3.53	1.0
S00430426	4.5	58	0.7	18	1.18	1.6
S00430427	4.3	56	0.5	34	0.95	0.8
S00430428	3.4	34	0.4	45	1.18	0.9
S00430429	4.6	44	0.4	16	0.77	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430430	3.0	47	0.3	22	0.98	0.7
S00430431	35.3	238	2.1	21	4.76	3.0
S00430432	4.2	61	0.6	17	0.98	1.1
S00430433	32.0	270	1.5	68	4.93	3.1
S00430434	30.3	217	1.5	23	4.72	2.1
S00430435	33.9	285	1.8	37	5.35	2.7
S00430436	7.0	90	0.7	27	1.48	0.9
S00430437	30.0	216	1.2	88	4.21	1.8
S00430438	18.5	398	0.2	6	8.32	0.3
S00430439	39.9	39	<0.1	523	2.76	0.2
S00430440	2.3	<20	0.3	18	0.81	0.4
S00430441	150	167	0.3	65	7.17	0.2
S00430442	120	59	0.3	55	5.55	0.2
S00430443	9.4	45	<0.1	12	3.46	<0.1
S00430444	29.8	221	0.2	13	5.74	0.3
S00430445	20.9	359	0.3	16	6.66	0.2
S00430446	18.4	381	0.4	19	7.01	0.3
S00430447	55.8	58	0.1	31	2.54	0.2
S00430448	5.9	27	0.1	21	1.61	0.2
S00430449	14.2	115	0.3	29	5.21	0.2
S00430450	341	3066	0.2	4126	17.14	<0.1
*Dup S00430441	159	167	0.3	65	7.31	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00430441	155	171	0.3	66	7.27	0.2
*Std MP-2a	5.5	130	5.7	463	5.16	1.2
*Std OREAS 927	30.2	68	5.7	11271	9.18	1.9
*Std OREAS 623	232	29	3.0	17897	14.54	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	228	31	2.9	17942	13.69	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std MP-2a	5.4	144	6.1	448	4.88	1.2
*Rep S00430416	72.7	45	1.6	350	8.58	0.6
*Std OREAS 9 7	29.9	67	5.3	10589	8.38	1.8
*Rep S00430433	36.6	279	1.6	67	5.67	2.9

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430401	14.3	15	3.93	1321	<2	221
S00430402	11.5	12	3.73	1279	<2	133
S00430403	11.1	13	3.80	1294	<2	121
S00430404	10.6	16	4.05	1411	<2	132
S00430405	11.8	18	3.56	1383	<2	143
S00430406	9.7	14	3.70	1339	<2	103
S00430407	9.1	13	4.57	1498	<2	539
S00430408	11.7	12	3.56	1381	<2	107
S00430409	8.0	8	4.06	1260	<2	97
S00430410	7.1	10	7.74	422	<2	15
S00430411	5.5	<5	0.95	731	<2	47
S00430412	3.5	<5	2.18	733	<2	314
S00430413	7.1	10	4.40	1372	<2	96
S00430414	15.3	11	3.47	1699	<2	46
S00430415	16.3	12	3.38	1703	<2	47
S00430416	18.1	12	2.50	1083	<2	85
S00430417	16.4	12	3.52	1540	<2	53
S00430418	14.8	10	3.41	1717	<2	48
S00430419	16.0	11	3.72	1710	<2	48

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430420	3.5	27	13.09	1332	<2	3532
S00430421	15.1	14	3.50	1685	<2	84
S00430422	11.4	16	3.21	1165	<2	890
S00430423	10.7	20	4.01	1404	<2	168
S00430424	12.4	16	3.66	1509	<2	135
S00430425	6.3	8	0.47	182	15	43
S00430426	13.1	7	0.42	100	<2	12
S00430427	9.0	<5	0.25	85	<2	14
S00430428	6.6	5	0.25	97	<2	18
S00430429	12.2	13	0.25	79	2	14
S00430430	14.0	5	0.23	100	<2	14
S00430431	20.9	30	2.42	364	<2	74
S00430432	12.9	12	0.29	91	2	<10
S00430433	16.8	28	2.59	388	2	106
S00430434	20.6	21	2.25	387	3	97
S00430435	15.1	27	2.57	421	2	107
S00430436	21.5	10	0.49	167	3	25
S00430437	37.6	21	1.79	335	3	123
S00430438	24.1	25	4.61	735	3	521
S00430439	9.6	5	1.02	179	<2	1763
S00430440	6.9	11	7.22	444	<2	11
S00430441	18.0	19	3.35	545	3	1804
S00430442	17.7	16	2.74	423	<2	1086
S00430443	4.7	8	1.46	295	<2	182
S00430444	25.7	19	3.32	513	3	491
S00430445	23.6	23	4.07	625	4	398
S00430446	27.9	23	4.24	634	3	397
S00430447	11.6	7	1.27	253	<2	272
S00430448	15.3	<5	0.75	164	<2	81

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Order Number Exploration
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430449	22.3	15	2.61	452	<2	270
S00430450	1.2	<5	12.75	961	2	14926
*Dup S00430441	20.4	18	3.28	556	2	1883
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00430441	17.8	19	3.45	559	2	1871
*Std MP-2a	160	88	0.09	999	1603	10
*Std OREAS 927	35.6	37	2.15	1194	<2	33
*Std OREAS 623	23.6	17	1.26	618	9	18
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	25.3	17	1.23	614	9	14
*Std MP-2a	169	84	0.09	1029	1615	<10
*Rep S00430416	18.2	12	2.54	1104	<2	86
*Std OREAS 927	34.4	35	2.10	1139	<2	28
*Rep S00430433	17.0	26	2.79	442	2	115

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430401	0.04	6	<1	<1	24.0	<50
S00430402	0.03	6	<1	<1	24.1	<50
S00430403	0.02	6	<1	<1	22.9	<50
S00430404	0.03	5	<1	<1	22.2	<50
S00430405	0.03	4	<1	<1	21.9	<50
S00430406	0.03	4	<1	<1	22.8	<50
S00430407	0.02	4	<1	<1	23.2	<50
S00430408	0.03	5	<1	<1	24.1	<50
S00430409	0.02	6	<1	<1	23.3	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430410	0.02	7	<1	<1	6.9	<50
S00430411	<0.01	15	<1	2	25.3	<50
S00430412	0.01	5	<1	<1	30.2	<50
S00430413	0.02	4	<1	<1	23.7	<50
S00430414	0.08	4	<1	<1	21.2	<50
S00430415	0.08	4	<1	<1	21.6	<50
S00430416	0.06	5	<1	<1	25.4	<50
S00430417	0.08	4	<1	<1	21.9	<50
S00430418	0.08	4	<1	<1	21.9	<50
S00430419	0.08	5	<1	<1	22.1	<50
S00430420	0.02	5	1	3	16.9	<50
S00430421	0.08	4	<1	<1	21.2	<50
S00430422	0.05	23	<1	<1	19.9	<50
S00430423	0.03	6	<1	<1	23.1	<50
S00430424	0.03	6	<1	<1	24.0	<50
S00430425	0.01	8	1	<1	36.2	<50
S00430426	0.01	5	<1	<1	36.7	<50
S00430427	<0.01	5	<1	<1	38.7	<50
S00430428	<0.01	14	<1	<1	37.6	<50
S00430429	<0.01	4	<1	<1	36.5	<50
S00430430	<0.01	3	<1	<1	>40.0	<50
S00430431	0.02	4	<1	<1	28.0	<50
S00430432	<0.01	5	<1	<1	37.7	<50
S00430433	0.01	10	<1	<1	28.3	<50
S00430434	0.02	9	<1	<1	31.7	<50
S00430435	0.02	5	<1	<1	30.2	<50
S00430436	0.01	4	<1	<1	36.5	<50
S00430437	0.01	5	<1	<1	35.0	<50
S00430438	0.02	7	<1	<1	25.9	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430439	<0.01	85	<1	1	27.0	<50
S00430440	0.02	6	<1	<1	7.0	<50
S00430441	0.02	18	<1	2	24.8	<50
S00430442	0.02	9	<1	1	26.2	<50
S00430443	<0.01	<2	<1	<1	34.7	<50
S00430444	0.03	13	<1	<1	24.0	<50
S00430445	0.03	6	<1	<1	22.0	<50
S00430446	0.03	6	<1	<1	21.9	<50
S00430447	0.01	12	<1	<1	29.6	<50
S00430448	<0.01	7	<1	<1	34.2	<50
S00430449	0.02	10	<1	<1	25.7	<50
S00430450	<0.01	14	7	2	13.0	<50
*Dup S00430441	0.02	21	<1	2	25.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00430441	0.02	20	<1	2	25.4	<50
*Std MP-2a	0.01	2589	<1	7	28.7	500
*Std OREAS 927	0.05	220	1	2	29.2	<50
*Std OREAS 623	0.04	2582	9	28	23.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2453	8	27	23.4	<50
*Std MP-2a	<0.01	2685	<1	7	28.1	527
*Rep S00430416	0.06	5	<1	<1	25.1	<50
*Std OREAS 927	0.04	207	1	1	28.5	<50
*Rep S00430433	0.01	11	<1	<1	29.8	<50

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430401	182	<1	0.54	209	<5	19.5
S00430402	188	<1	0.43	176	<5	15.9
S00430403	179	<1	0.40	170	<5	15.0
S00430404	160	<1	0.44	166	<5	15.9
S00430405	148	<1	0.51	192	<5	18.9
S00430406	172	<1	0.46	177	<5	15.9
S00430407	148	<1	0.39	179	<5	14.8
S00430408	184	<1	0.51	190	<5	17.9
S00430409	216	<1	0.39	206	<5	14.5
S00430410	148	<1	0.06	10	<5	7.7
S00430411	325	<1	0.11	120	<5	8.0
S00430412	116	<1	0.19	103	<5	7.5
S00430413	177	<1	0.40	204	<5	14.8
S00430414	147	<1	1.32	335	<5	29.1
S00430415	151	<1	1.37	342	<5	30.0
S00430416	187	<1	0.82	234	<5	23.8
S00430417	168	<1	1.30	338	<5	28.9
S00430418	190	<1	1.33	336	<5	29.0
S00430419	185	<1	1.37	343	<5	29.8
S00430420	26	<1	0.30	112	<5	8.7
S00430421	156	<1	1.30	328	<5	28.4
S00430422	80	<1	0.85	231	<5	21.4
S00430423	173	<1	0.52	195	<5	17.0
S00430424	189	<1	0.52	182	<5	18.7
S00430425	<10	<1	0.13	9	<5	22.8
S00430426	19	<1	0.08	17	<5	6.1
S00430427	11	<1	0.10	8	<5	11.6
S00430428	<10	<1	0.05	6	<5	4.9
S00430429	13	<1	0.05	7	<5	6.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430430	16	<1	0.05	7	<5	5.6
S00430431	39	<1	0.39	158	<5	12.6
S00430432	17	<1	0.06	15	<5	5.4
S00430433	32	<1	0.38	177	<5	9.5
S00430434	51	<1	0.35	157	<5	11.6
S00430435	30	<1	0.38	196	<5	8.5
S00430436	21	<1	0.09	22	<5	8.7
S00430437	21	<1	0.19	133	<5	9.9
S00430438	36	<1	0.42	215	<5	16.0
S00430439	27	<1	0.06	31	<5	4.4
S00430440	142	<1	0.06	13	<5	7.1
S00430441	28	<1	0.22	137	<5	11.4
S00430442	33	<1	0.23	90	<5	13.0
S00430443	<10	<1	0.05	59	<5	3.0
S00430444	35	<1	0.37	150	11	15.7
S00430445	35	<1	0.42	244	<5	16.0
S00430446	39	<1	0.33	204	<5	16.5
S00430447	40	<1	0.08	31	<5	5.9
S00430448	24	<1	0.03	19	<5	4.0
S00430449	39	<1	0.24	81	<5	15.6
S00430450	<10	1	0.09	71	<5	3.3
*Dup S00430441	27	<1	0.22	137	<5	12.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430441	28	<1	0.22	136	<5	11.3
*Std MP-2a	14	6	0.03	<5	3419	231
*Std OREAS 927	32	<1	0.35	80	8	23.3
*Std OREAS 623	88	<1	0.15	27	<5	17.2
*Blk BLANK	<10	<1	<0.01	<5	<5	0.5
*Std OREAS 623	81	<1	0.14	21	<5	18.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std MP-2a	13	6	0.03	<5	3396	247
*Rep S00430416	187	<1	0.83	243	<5	23.7
*Std OREAS 9 7	27	<1	0.31	64	11	24.0
*Rep S00430433	34	<1	0.38	206	<5	10.0

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430401	1.8	98	0.051	-	-	-
S00430402	1.6	100	0.046	-	-	-
S00430403	1.5	95	0.055	-	-	-
S00430404	1.5	109	0.103	-	-	-
S00430405	1.8	109	0.120	-	-	-
S00430406	1.5	115	0.040	-	-	-
S00430407	1.4	132	0.468	-	-	-
S00430408	1.8	104	0.051	-	-	-
S00430409	1.4	100	0.030	-	-	-
S00430410	0.6	57	0.013	-	-	-
S00430411	0.9	52	0.189	-	-	-
S00430412	0.7	56	0.955	-	-	-
S00430413	1.4	98	0.018	-	-	-
S00430414	2.7	150	0.164	1.55969	12.90	9.83
S00430415	2.9	133	0.174	-	-	-
S00430416	2.1	95	0.671	-	-	-
S00430417	2.7	139	0.129	-	-	-
S00430418	2.7	146	0.188	-	-	-
S00430419	2.8	139	0.269	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430420	0.8	116	1.856	-	-	-
S00430421	2.7	134	0.250	-	-	-
S00430422	2.1	184	1.499	-	-	-
S00430423	1.7	113	0.116	-	-	-
S00430424	1.9	109	0.093	-	-	-
S00430425	2.7	13	2.264	-	-	-
S00430426	0.6	24	0.024	-	-	-
S00430427	1.1	8	0.122	-	-	-
S00430428	0.4	85	0.113	-	-	-
S00430429	0.6	9	0.025	-	-	-
S00430430	0.5	8	0.021	-	-	-
S00430431	1.4	38	0.024	-	-	-
S00430432	0.4	14	0.021	-	-	-
S00430433	1.1	48	0.158	-	-	-
S00430434	1.1	50	0.047	-	-	-
S00430435	0.9	146	0.114	-	-	-
S00430436	0.8	19	0.051	-	-	-
S00430437	0.8	54	0.271	-	-	-
S00430438	1.6	100	0.023	-	-	-
S00430439	0.4	373	0.896	-	-	-
S00430440	0.6	38	0.031	-	-	-
S00430441	1.2	153	0.315	-	-	-
S00430442	1.4	82	0.206	-	-	-
S00430443	0.3	35	0.030	-	-	-
S00430444	1.6	74	0.032	-	-	-
S00430445	1.8	90	0.023	-	-	-
S00430446	1.7	92	0.020	-	-	-
S00430447	0.6	27	0.046	-	-	-
S00430448	0.3	19	0.018	-	-	-

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-09803

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00430449	1.6	70	0.022	-	-	-
S00430450	0.4	90	7.232	-	-	-
*Dup S00430441	1.2	163	0.313	-	-	-
*Rep S00430414	-	-	-	1.50000	12.85	9.79
*Blk BLANK	-	-	-	99.9900	<0.01	<0.01
*Std OREAS 751	-	-	-	0.69600	15.94	1.08
*Blk BLANK	<0.1	<5	-	-	-	-
*Rep S00430441	1.2	145	-	-	-	-
*Std MP-2a	28.9	5658	-	-	-	-
*Std OREAS 927	2.2	762	-	-	-	-
*Std OREAS 623	1.7	10782	-	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Std GS314-2	-	-	2.605	-	-	-
*Rep S00430427	-	-	0.119	-	-	-
*Std GS314-2	-	-	2.519	-	-	-
*Rep S00430449	-	-	0.022	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Blk BLANK	<0.1	9	-	-	-	-
*Std OREAS 623	1.8	10513	-	-	-	-
*Std MP-2a	30.3	5944	-	-	-	-
*Rep S00430416	2.0	102	-	-	-	-
*Std OREAS 927	2.3	733	-	-	-	-
*Rep S00430433	1.1	55	-	-	-	-
*Std GS314-2	-	-	2.529	-	-	-
*Blk BLANK	-	-	0.005	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Std GS314-2	-	-	2.528	-	-	-

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Samples
 Number of Sample 50

ANALYSIS REPORT BBM21-09803

Element	@Cr2O3	@Fe2O3	@K2O	@MgO	Mn3O4	@Na2O
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	5	100	70	100	100	60
Unit	%	%	%	%	%	%
S00430414	0.01	16.20	0.81	5.92	0.25	1.97
*Rep S00430414	<0.01	16.13	0.82	5.93	0.24	2.01
*Blk BLANK	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
*Std OREAS 751	<0.01	2.43	2.93	0.53	0.09	3.47

Element	@P2O5	@SiO2	@TiO2	@V2O5	Sum
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01
Upper Limit	55	100	100	10	100
Unit	%	%	%	%	%
S00430414	0.22	48.16	2.38	0.07	99.06
*Rep S00430414	0.23	48.11	2.36	0.07	98.88
*Blk BLANK	<0.01	<0.01	<0.01	<0.01	0.03
*Std OREAS 751	0.28	71.66	0.25	0.02	98.82

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10033

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	28-May-2021
Project	Shakespeare exploration	Date Analysed	06-Jun-2021 - 19-Jul-2021
Submission Number	*SD* Shakespeare/ 50 Core	Date Completed	19-Jul-2021
Number of Samples	50	SGS Order Number	BBM21-10033

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430451	2.93	<5	10	7	<5	7.77
S00430452	2.56	<5	<10	<5	<5	5.41
S00430453	2.47	8	<10	<5	<5	5.14
S00430454	2.61	<5	<10	9	<5	8.97
S00430455	2.58	<5	<10	7	<5	7.96
S00430456	2.42	<5	20	15	<5	9.98
S00430457	3.08	10	20	29	<5	10.39
S00430458	1.28	<5	<10	<5	<5	6.03
S00430459	2.42	7	30	22	<5	9.83
S00430460	0.58	<5	<10	<5	<5	0.83
S00430461	1.08	<5	10	10	<5	8.05
S00430462	2.88	6	<10	<5	<5	7.92
S00430463	2.81	<5	<10	7	<5	8.24
S00430464	2.83	<5	<10	<5	<5	9.26
S00430465	2.14	<5	<10	<5	<5	4.77
S00430466	3.04	<5	<10	<5	<5	9.31
S00430467	2.87	<5	<10	<5	<5	9.33
S00430468	2.91	<5	<10	<5	<5	9.54
S00430469	3.14	<5	<10	7	<5	9.72
S00430470	0.10	64	460	561	<5	2.86
S00430471	2.27	<5	<10	9	<5	9.19
S00430472	1.85	<5	<10	6	<5	8.99
S00430473	3.03	<5	<10	9	<5	8.78
S00430474	2.92	<5	<10	5	<5	8.58
S00430475	3.21	<5	<10	<5	<5	8.78
S00430476	3.31	<5	<10	<5	<5	8.70
S00430477	1.81	<5	<10	<5	<5	9.27
S00430478	2.81	<5	<10	<5	<5	4.88
S00430479	0.88	7	<10	9	<5	6.34

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430480	1.11	6	10	7	<5	7.04
S00430481	1.50	18	40	22	<5	6.20
S00430482	2.98	<5	<10	<5	<5	9.02
S00430483	1.72	<5	<10	<5	<5	8.30
S00430484	2.61	<5	<10	<5	<5	8.05
S00430485	3.30	<5	<10	<5	<5	8.08
S00430486	2.87	<5	<10	<5	<5	7.80
S00430487	2.99	<5	<10	<5	<5	8.41
S00430488	2.87	14	10	13	<5	7.78
S00430489	2.77	85	80	74	<5	7.93
S00430490	0.68	<5	<10	<5	<5	0.79
S00430491	2.57	80	40	74	<5	7.89
S00430492	0.67	18	30	21	<5	4.28
S00430493	1.45	18	30	25	<5	8.03
S00430494	1.93	5	30	23	<5	7.92
S00430495	0.93	16	100	85	<5	8.14
S00430496	2.48	19	70	47	<5	8.19
S00430497	2.47	15	40	39	<5	8.64
S00430498	2.67	18	20	29	<5	8.50
S00430499	0.80	8	20	26	<5	7.07
S00430500	0.10	51	530	890	<5	1.37
*Dup S00430489	-	81	80	70	<5	7.91
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	54	540	240	-	-
*Rep S00430460	-	<5	<10	<5	-	-
*Rep S00430474	-	<5	<10	6	-	-
*Std OREAS 45f	-	18	40	52	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	410	213	-	-

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Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-10033

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00430495	-	-	-	-	<5	7.98
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 6 3	-	-	-	-	21	5.21
*Std OREAS 927	-	-	-	-	<5	6.73
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	5.76
*Rep S00430462	-	-	-	-	<5	8.13
*Std OREAS 927	-	-	-	-	<5	6.74
*Std OREAS 623	-	-	-	-	20	5.36

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430451	83	12	<1	0.1	0.3	<0.2
S00430452	179	<10	<1	<0.1	0.2	<0.2
S00430453	481	10	1	0.7	0.3	<0.2
S00430454	25	24	1	0.1	0.3	<0.2
S00430455	428	13	<1	0.7	0.4	<0.2
S00430456	121	25	1	0.2	0.3	<0.2
S00430457	54	30	1	0.3	0.5	<0.2
S00430458	<3	24	<1	<0.1	2.2	<0.2
S00430459	<3	45	1	0.2	0.8	<0.2
S00430460	<3	55	<1	<0.1	18.7	0.4
S00430461	<3	66	1	1.7	2.1	<0.2
S00430462	135	86	1	0.3	3.4	<0.2
S00430463	6	84	1	0.2	2.8	<0.2
S00430464	<3	70	1	0.1	2.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430465	<3	49	1	<0.1	1.9	<0.2
S00430466	<3	121	2	0.1	3.7	<0.2
S00430467	11	182	1	0.1	4.0	<0.2
S00430468	14	284	1	0.2	3.7	<0.2
S00430469	14	359	2	0.2	3.5	<0.2
S00430470	198	86	<1	0.1	3.2	0.4
S00430471	<3	326	2	0.1	3.3	<0.2
S00430472	<3	295	2	0.2	4.0	<0.2
S00430473	9	240	2	0.2	4.0	<0.2
S00430474	<3	188	1	0.2	4.3	<0.2
S00430475	<3	210	1	0.1	4.5	<0.2
S00430476	<3	218	1	0.1	4.5	<0.2
S00430477	<3	386	3	<0.1	3.9	<0.2
S00430478	4	93	2	0.2	8.6	0.3
S00430479	19	223	2	0.5	7.7	0.2
S00430480	15	218	2	0.5	6.4	<0.2
S00430481	<3	96	1	0.3	4.3	<0.2
S00430482	<3	74	2	0.3	2.6	<0.2
S00430483	<3	73	3	0.2	3.1	<0.2
S00430484	<3	72	3	0.4	3.4	<0.2
S00430485	<3	95	2	0.2	3.4	<0.2
S00430486	4	36	1	<0.1	2.9	<0.2
S00430487	5	30	1	<0.1	2.1	<0.2
S00430488	<3	11	<1	<0.1	2.6	<0.2
S00430489	5	13	<1	0.6	2.0	<0.2
S00430490	<3	62	<1	<0.1	18.3	0.2
S00430491	3	15	1	0.6	2.4	<0.2
S00430492	6	13	<1	<0.1	1.7	<0.2
S00430493	35	25	2	<0.1	3.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430494	24	35	2	0.2	2.4	<0.2
S00430495	7	44	2	1.5	2.2	<0.2
S00430496	15	64	2	0.8	2.8	<0.2
S00430497	18	52	2	0.3	1.7	<0.2
S00430498	28	68	2	0.4	2.8	<0.2
S00430499	76	97	3	0.3	3.2	<0.2
S00430500	4	21	<1	0.2	0.9	0.8
*Dup S00430489	<3	13	<1	0.5	2.0	<0.2
*Rep S00430495	7	43	2	1.5	2.2	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 623	76	1348	1	15.9	1.4	57.3
*Std OREAS 927	15	303	2	67.1	0.4	1.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5447	12	1	911	2.9	12.9
*Rep S00430462	155	85	1	0.3	3.5	<0.2
*Std OREAS 927	15	319	2	61.1	0.4	1.0
*Std OREAS 623	82	1358	2	19.5	1.4	54.1

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430451	20.4	231	0.5	30	6.36	0.2
S00430452	28.5	78	0.5	23	5.96	0.2
S00430453	60.6	87	0.6	22	5.67	0.2
S00430454	17.6	338	0.7	27	6.06	0.3
S00430455	83.1	194	0.3	25	4.10	0.2
S00430456	33.7	331	0.4	29	6.89	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430457	23.1	410	0.4	30	6.64	0.2
S00430458	2.5	90	0.2	25	1.41	0.2
S00430459	12.5	409	0.3	29	6.73	0.3
S00430460	2.3	<20	0.3	34	0.67	0.3
S00430461	13.0	226	0.4	29	5.17	0.4
S00430462	41.9	113	0.5	36	3.82	0.6
S00430463	13.8	182	0.4	35	5.50	0.5
S00430464	17.0	143	0.3	42	5.68	0.4
S00430465	13.6	59	0.3	9	3.46	0.2
S00430466	41.6	140	1.5	93	8.64	0.6
S00430467	48.4	150	1.0	163	8.24	0.7
S00430468	46.9	251	1.2	117	8.00	0.9
S00430469	43.4	367	1.2	116	7.15	1.0
S00430470	203	2776	2.3	3001	11.91	0.2
S00430471	44.5	358	1.5	221	7.10	1.1
S00430472	41.7	325	2.5	157	7.33	1.1
S00430473	51.5	317	2.0	176	7.80	1.0
S00430474	44.6	245	2.6	176	8.34	0.9
S00430475	45.1	124	4.2	127	9.25	1.1
S00430476	45.9	125	4.6	141	9.40	1.2
S00430477	34.6	126	9.0	47	9.01	2.2
S00430478	54.4	379	4.5	383	10.90	0.9
S00430479	50.7	237	4.3	331	9.13	1.4
S00430480	51.2	234	4.7	295	9.59	1.4
S00430481	27.8	256	5.4	35	7.94	1.0
S00430482	19.5	102	3.5	35	6.45	0.8
S00430483	41.6	95	4.7	188	8.40	0.8
S00430484	49.7	116	3.8	313	8.45	0.7
S00430485	49.7	150	6.1	193	9.69	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430486	30.6	174	1.6	82	5.98	0.4
S00430487	16.5	197	0.4	13	5.85	0.2
S00430488	20.8	175	0.2	14	7.14	0.1
S00430489	17.1	262	0.2	7	5.77	0.1
S00430490	1.8	46	0.3	10	0.59	0.3
S00430491	18.6	231	0.2	8	6.44	0.1
S00430492	13.0	145	0.1	9	3.48	0.1
S00430493	44.1	252	0.6	201	7.26	0.2
S00430494	50.6	254	0.7	194	7.15	0.3
S00430495	79.5	383	0.8	443	7.38	0.4
S00430496	32.1	369	0.7	73	7.65	0.4
S00430497	18.6	369	0.3	19	5.49	0.3
S00430498	24.7	474	0.5	9	7.35	0.4
S00430499	33.0	250	0.8	50	4.99	0.6
S00430500	321	3188	0.2	4170	16.56	<0.1
*Dup S00430489	16.6	267	0.2	6	5.70	0.1
*Rep S00430495	80.3	373	0.9	430	7.63	0.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	213	35	2.8	17126	13.50	1.4
*Std OREAS 927	29.2	73	5.3	10873	8.79	1.8
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.5	130	5.7	463	5.16	1.2
*Rep S00430462	45.5	113	0.5	35	3.85	0.6
*Std OREAS 927	30.2	68	5.7	11271	9.18	1.9
*Std OREAS 623	232	29	3.0	17897	14.54	1.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 50 Core
50

ANALYSIS REPORT BBM21-10033

Element Method Lower Limit Upper Limit Unit	La GE_IMS90A50 0.1 10,000 ppm m / m	Li GE_IMS90A50 5 10,000 ppm m / m	Mg GE_IMS90A50 0.01 30 %	Mn GE_IMS90A50 10 10,000 ppm m / m	Mo GE_IMS90A50 2 10,000 ppm m / m	Ni GE_IMS90A50 10 50,000 ppm m / m
S00430451	29.4	19	3.70	545	2	395
S00430452	19.6	19	3.76	535	<2	464
S00430453	20.0	19	3.44	495	<2	565
S00430454	20.8	19	3.32	490	3	239
S00430455	37.4	14	2.39	354	3	380
S00430456	15.7	25	3.98	569	4	381
S00430457	21.2	23	3.77	551	7	300
S00430458	24.5	<5	0.79	257	<2	50
S00430459	23.8	26	3.98	601	6	247
S00430460	5.2	8	7.79	380	<2	14
S00430461	17.2	17	2.86	547	3	186
S00430462	14.3	9	2.23	526	<2	219
S00430463	144	13	3.21	639	<2	216
S00430464	48.2	15	2.95	660	<2	139
S00430465	18.3	6	1.60	450	<2	63
S00430466	22.6	17	2.79	945	<2	81
S00430467	20.8	19	2.91	1021	<2	77
S00430468	21.1	21	3.22	1031	<2	112
S00430469	26.9	21	3.01	893	4	153
S00430470	3.6	32	13.29	1396	<2	4004
S00430471	28.3	21	2.86	811	5	163
S00430472	20.3	19	2.71	864	3	143
S00430473	22.6	18	2.68	900	<2	168
S00430474	24.3	19	2.48	960	<2	120
S00430475	21.0	20	2.63	1131	<2	55
S00430476	20.6	18	2.55	1116	<2	56
S00430477	26.6	24	3.30	1164	<2	131
S00430478	155	28	6.68	1684	<2	303
S00430479	88.9	21	4.56	1299	<2	384

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430480	77.3	28	4.40	1281	<2	397
S00430481	100	31	4.42	885	5	243
S00430482	54.4	20	3.29	725	<2	162
S00430483	17.4	17	2.79	786	<2	66
S00430484	20.7	22	2.48	692	<2	93
S00430485	18.9	18	2.91	823	<2	82
S00430486	40.8	16	2.59	526	<2	146
S00430487	48.7	16	3.16	572	2	183
S00430488	45.0	18	3.40	844	<2	209
S00430489	51.9	16	3.18	569	3	232
S00430490	5.9	8	8.36	364	<2	10
S00430491	49.2	19	3.40	628	5	236
S00430492	18.3	10	1.61	333	2	122
S00430493	23.6	18	3.41	708	<2	338
S00430494	22.2	18	3.54	582	<2	335
S00430495	22.8	14	3.06	523	10	1199
S00430496	44.6	18	3.97	650	10	475
S00430497	159	14	2.95	494	6	259
S00430498	101	17	3.90	703	4	353
S00430499	11.1	9	2.71	537	5	366
S00430500	1.5	<5	14.60	937	2	14639
*Dup S00430489	61.3	17	3.09	567	3	234
*Rep S00430495	22.8	14	3.08	522	11	1229
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	26.1	16	1.31	576	8	21
*Std OREAS 927	35.0	36	2.11	1144	<2	33
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	160	88	0.09	999	1603	10
*Rep S00430462	14.1	9	2.40	536	<2	223

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-10033

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	35.6	37	2.15	1194	<2	33
*Std OREAS 623	23.6	17	1.26	618	9	18

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430451	0.02	5	<1	<1	24.4	<50
S00430452	<0.01	4	<1	<1	28.2	<50
S00430453	0.01	9	<1	<1	29.2	<50
S00430454	0.02	6	<1	<1	24.3	<50
S00430455	0.02	9	<1	<1	27.2	<50
S00430456	0.02	6	<1	<1	21.3	<50
S00430457	0.02	9	<1	<1	22.1	<50
S00430458	0.02	12	<1	<1	28.7	<50
S00430459	0.03	7	<1	<1	22.3	<50
S00430460	<0.01	5	<1	<1	5.0	<50
S00430461	0.03	96	<1	<1	25.2	<50
S00430462	0.03	21	<1	<1	26.6	<50
S00430463	0.05	14	<1	<1	24.4	<50
S00430464	0.05	12	<1	<1	23.9	<50
S00430465	0.02	12	<1	<1	12.1	<50
S00430466	0.04	18	<1	<1	25.1	<50
S00430467	0.04	13	<1	<1	25.0	<50
S00430468	0.03	12	<1	<1	24.8	<50
S00430469	0.04	14	<1	<1	26.0	<50
S00430470	0.03	6	1	3	17.7	<50
S00430471	0.05	12	<1	1	24.4	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 50 Core
50

ANALYSIS REPORT BBM21-10033

Element Method Lower Limit Upper Limit Unit	P GE_IMS90A50 0.01 25 %	Pb GE_IMS90A50 2 50,000 ppm m / m	S GE_IMS90A50 1 25 %	Sb GE_IMS90A50 1 10,000 ppm m / m	Si GE_IMS90A50 0.1 40 %	Sn GE_IMS90A50 50 10,000 ppm m / m
S00430472	0.08	10	<1	<1	25.2	<50
S00430473	0.05	11	<1	<1	26.0	<50
S00430474	0.04	11	<1	<1	25.3	<50
S00430475	0.04	12	<1	<1	24.9	<50
S00430476	0.04	11	<1	<1	25.3	<50
S00430477	0.05	8	<1	<1	22.2	<50
S00430478	0.35	11	<1	<1	18.2	<50
S00430479	0.15	21	<1	<1	20.0	<50
S00430480	0.15	21	<1	<1	19.5	<50
S00430481	0.19	10	<1	<1	24.1	<50
S00430482	0.05	19	<1	<1	24.7	<50
S00430483	0.05	11	<1	<1	25.2	<50
S00430484	0.05	21	<1	<1	24.4	<50
S00430485	0.04	6	<1	<1	24.3	<50
S00430486	0.03	9	<1	<1	25.1	<50
S00430487	0.03	5	<1	<1	24.3	<50
S00430488	0.02	9	<1	<1	23.4	<50
S00430489	0.03	7	<1	<1	26.0	<50
S00430490	0.01	5	<1	<1	5.3	<50
S00430491	0.03	6	<1	<1	24.6	<50
S00430492	0.02	9	<1	<1	34.4	<50
S00430493	0.03	10	<1	<1	24.0	<50
S00430494	0.03	24	<1	<1	26.3	<50
S00430495	0.04	7	1	<1	27.6	<50
S00430496	0.04	6	<1	<1	26.9	<50
S00430497	0.03	5	<1	<1	29.8	<50
S00430498	0.04	6	<1	<1	27.0	<50
S00430499	0.05	9	<1	<1	30.7	<50
S00430500	<0.01	11	6	2	15.2	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Dup S00430489	0.03	7	<1	<1	25.3	<50
*Rep S00430495	0.03	7	1	<1	27.5	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2253	10	23	24.1	<50
*Std OREAS 927	0.05	197	2	1	31.7	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.01	2589	<1	7	28.7	500
*Rep S00430462	0.03	20	<1	<1	26.9	<50
*Std OREAS 927	0.05	220	1	2	29.2	<50
*Std OREAS 623	0.04	2582	9	28	23.3	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430451	27	<1	0.21	94	<5	12.6
S00430452	15	<1	0.09	53	<5	5.7
S00430453	17	<1	0.08	79	<5	6.2
S00430454	50	<1	0.29	223	<5	15.4
S00430455	35	<1	0.21	113	<5	17.8
S00430456	40	<1	0.30	212	<5	9.0
S00430457	47	<1	0.34	229	<5	17.5
S00430458	70	<1	0.12	53	<5	19.0
S00430459	48	<1	0.35	259	<5	10.4
S00430460	155	<1	0.05	13	<5	5.6
S00430461	72	<1	0.19	183	<5	7.9
S00430462	119	<1	0.36	157	<5	10.7
S00430463	83	<1	0.58	247	<5	30.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430464	94	<1	0.87	216	<5	21.6
S00430465	68	<1	0.43	123	<5	11.2
S00430466	212	<1	0.88	226	<5	18.5
S00430467	260	<1	0.94	247	<5	19.8
S00430468	245	<1	0.84	332	<5	19.0
S00430469	250	<1	0.45	347	<5	21.7
S00430470	31	1	0.33	136	<5	8.3
S00430471	248	<1	0.38	373	<5	25.8
S00430472	266	<1	0.41	314	<5	22.5
S00430473	257	<1	0.35	274	<5	22.2
S00430474	259	<1	0.49	255	<5	22.5
S00430475	259	<1	0.83	228	<5	19.8
S00430476	256	<1	0.84	237	<5	20.3
S00430477	219	<1	0.93	262	<5	25.5
S00430478	58	<1	2.32	295	<5	41.4
S00430479	102	<1	1.43	257	<5	32.3
S00430480	99	<1	1.59	278	<5	51.3
S00430481	66	<1	1.05	265	<5	45.1
S00430482	90	<1	0.99	279	<5	18.7
S00430483	107	<1	0.95	265	<5	16.4
S00430484	110	<1	0.92	265	<5	19.1
S00430485	113	<1	0.92	275	<5	16.8
S00430486	72	<1	0.88	227	<5	20.9
S00430487	86	<1	1.14	278	<5	27.2
S00430488	66	<1	1.28	314	<5	20.3
S00430489	61	<1	0.55	232	<5	15.0
S00430490	142	<1	0.04	10	<5	5.8
S00430491	61	<1	0.66	264	<5	16.6
S00430492	49	<1	0.32	101	<5	9.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10033

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430493	95	<1	0.46	222	<5	17.7
S00430494	92	<1	0.47	242	<5	17.1
S00430495	85	<1	0.54	263	<5	16.7
S00430496	71	<1	0.65	365	<5	17.0
S00430497	63	<1	0.64	259	<5	13.8
S00430498	74	<1	0.71	383	<5	17.2
S00430499	98	<1	0.48	267	<5	19.1
S00430500	<10	<1	0.09	70	<5	3.5
*Dup S00430489	60	<1	0.55	237	<5	15.7
*Rep S00430495	84	<1	0.55	265	<5	17.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	76	<1	0.14	24	<5	17.1
*Std OREAS 927	28	<1	0.33	75	9	21.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	14	6	0.03	<5	3419	231
*Rep S00430462	120	<1	0.38	160	<5	10.8
*Std OREAS 927	32	<1	0.35	80	8	23.3
*Std OREAS 623	88	1	0.15	27	5	17.2

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430451	1.3	79	0.027
S00430452	0.6	75	0.026
S00430453	0.6	69	0.038
S00430454	1.7	83	0.019
S00430455	1.9	58	0.031

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-10033

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430456	1.0	92	0.019
S00430457	1.9	93	0.010
S00430458	1.9	21	0.007
S00430459	1.2	96	0.007
S00430460	0.5	32	0.018
S00430461	1.0	69	0.005
S00430462	1.3	55	0.008
S00430463	2.9	77	<0.005
S00430464	2.3	90	<0.005
S00430465	1.1	40	<0.005
S00430466	1.7	94	0.121
S00430467	1.9	93	0.072
S00430468	1.9	102	0.025
S00430469	2.1	97	0.035
S00430470	0.7	115	1.829
S00430471	2.5	88	0.205
S00430472	2.2	86	0.139
S00430473	2.1	84	0.247
S00430474	2.2	93	0.165
S00430475	1.9	108	0.093
S00430476	2.0	107	0.133
S00430477	2.3	108	0.011
S00430478	2.6	157	0.060
S00430479	2.4	117	0.143
S00430480	3.8	133	0.160
S00430481	2.8	102	0.006
S00430482	1.8	91	0.007
S00430483	1.6	79	0.469
S00430484	1.8	73	0.852
S00430485	1.7	87	0.507
S00430486	1.8	74	0.235

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-10033

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430487	2.5	85	0.009
S00430488	2.0	98	0.009
S00430489	1.4	74	0.008
S00430490	0.4	33	0.014
S00430491	1.5	83	0.011
S00430492	0.8	43	0.016
S00430493	1.5	79	0.167
S00430494	1.6	63	0.244
S00430495	1.5	50	1.123
S00430496	1.6	62	0.100
S00430497	1.3	49	0.025
S00430498	1.7	65	0.008
S00430499	1.9	42	0.071
S00430500	0.4	98	7.306
*Dup S00430489	1.5	75	0.008
*Rep S00430464	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.567
*Blk BLANK	-	-	<0.005
*Rep S00430493	-	-	0.162
*Std GS314-2	-	-	2.546
*Rep S00430495	1.6	53	-
*Blk BLANK	<0.1	7	-
*Std OREAS 623	1.6	10090	-
*Std OREAS 927	2.0	743	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	28.9	5658	-
*Rep S00430462	1.3	52	-
*Std OREAS 927	2.2	762	-
*Std OREAS 623	1.7	10782	-
*Blk BLANK	-	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ 50 Core
Number of Sample 50

ANALYSIS REPORT BBM21-10033

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std GS314-2	-	-	2.605
*Std GS314-2	-	-	2.519
*Blk BLANK	-	-	<0.005

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10067

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	31-May-2021
Project	Shakespeare exploration	Date Analysed	08-Jun-2021 - 19-Jul-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	19-Jul-2021
Core		SGS Order Number	BBM21-10067
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430501	2.49	43	170	194	<5	7.55
S00430502	2.01	73	160	290	<5	6.73
S00430503	1.87	82	130	97	<5	7.28
S00430504	1.97	242	280	201	<5	6.85
S00430505	2.88	14	<10	14	<5	7.80
S00430506	2.49	35	40	42	<5	7.16
S00430507	2.69	18	10	13	<5	7.89
S00430508	2.09	6	<10	15	<5	7.06
S00430509	1.18	15	<10	32	<5	7.73
S00430510	1.18	<5	<10	<5	<5	1.02
S00430511	2.58	<5	<10	<5	<5	8.36
S00430512	2.16	9	<10	8	<5	7.82
S00430513	2.46	24	20	20	<5	8.26
S00430514	2.59	<5	<10	<5	<5	7.93
S00430515	2.62	<5	<10	<5	<5	7.90
S00430516	2.25	<5	<10	<5	<5	8.09
S00430517	2.37	<5	<10	<5	<5	7.95
S00430518	1.43	<5	<10	<5	<5	8.26
S00430519	0.43	<5	<10	<5	<5	4.91
S00430520	0.11	69	490	625	<5	2.73
S00430521	2.25	<5	<10	<5	<5	8.30
S00430522	1.95	<5	<10	<5	<5	8.29
S00430523	0.95	<5	<10	<5	<5	8.17
S00430524	0.73	<5	<10	<5	<5	5.02
S00430525	1.79	<5	<10	<5	<5	8.28
S00430526	2.04	<5	<10	<5	<5	8.64
S00430527	2.55	<5	<10	<5	<5	8.62
S00430528	2.85	<5	<10	<5	<5	8.37
S00430529	0.89	<5	<10	<5	<5	8.93

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430530	0.95	<5	<10	<5	<5	8.62
S00430531	2.02	<5	<10	<5	<5	9.00
S00430532	1.94	<5	<10	<5	<5	7.83
S00430533	0.76	<5	<10	<5	<5	7.34
S00430534	1.23	<5	<10	<5	<5	2.52
S00430535	1.97	<5	<10	<5	<5	8.25
S00430536	1.48	<5	<10	<5	<5	8.19
S00430537	1.95	<5	<10	<5	<5	7.94
S00430538	2.02	<5	<10	<5	<5	7.82
S00430539	2.03	<5	<10	<5	<5	7.66
S00430540	0.95	<5	<10	<5	<5	1.14
S00430541	2.08	6	<10	<5	<5	7.56
S00430542	2.20	<5	<10	12	<5	7.44
S00430543	1.79	6	10	15	<5	7.19
S00430544	1.87	9	20	23	<5	7.00
S00430545	1.63	7	20	28	<5	7.28
S00430546	1.86	8	20	25	<5	7.25
S00430547	1.89	11	20	25	<5	7.17
S00430548	2.16	6	20	13	<5	8.12
S00430549	2.36	12	20	44	<5	7.67
S00430550	0.11	35	530	891	<5	1.39
*Dup S00430539	-	<5	<10	<5	<5	7.96
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00430540	-	-	-	-	<5	1.12
*Std OREAS 623	-	-	-	-	20	5.03
*Std MP-2a	-	-	-	-	<5	5.94
*Std OREAS 927	-	-	-	-	20	6.56
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	54	540	240	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Std OREAS 45f	-	18	40	52	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	410	213	-	-
*Rep S00430511	-	<5	<10	<5	-	-
*Rep S00430543	-	6	10	15	-	-
*Rep S00430547	-	13	20	31	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	54	-	-
*Std OREAS 681	-	50	510	225	-	-
*Std OREAS 680	-	151	390	204	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	21	5.21
*Std OREAS 927	-	-	-	-	<5	6.73
*Rep S00430528	-	-	-	-	<5	8.19

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00430501	136	40	2	2.9	2.6	<0.2
S00430502	130	85	2	3.4	3.1	<0.2
S00430503	5	78	2	2.9	3.0	<0.2
S00430504	40	117	1	6.6	3.5	<0.2
S00430505	13	186	1	0.2	3.5	<0.2
S00430506	13	166	<1	0.7	3.7	0.2
S00430507	<3	184	1	0.4	3.7	<0.2
S00430508	4	264	1	0.9	3.3	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430509	6	191	1	0.3	3.5	0.4
S00430510	<3	84	<1	<0.1	17.8	0.2
S00430511	<3	297	1	<0.1	3.3	<0.2
S00430512	8	294	1	<0.1	4.1	<0.2
S00430513	14	318	1	0.2	4.2	<0.2
S00430514	<3	261	1	<0.1	5.0	<0.2
S00430515	<3	261	1	<0.1	5.0	0.2
S00430516	<3	336	<1	<0.1	4.6	<0.2
S00430517	<3	275	1	<0.1	4.6	<0.2
S00430518	<3	379	1	<0.1	4.0	<0.2
S00430519	<3	141	<1	<0.1	4.2	<0.2
S00430520	203	86	<1	<0.1	3.1	0.5
S00430521	<3	378	1	<0.1	3.9	<0.2
S00430522	<3	331	1	<0.1	3.7	0.2
S00430523	<3	401	1	<0.1	3.5	0.2
S00430524	<3	268	<1	<0.1	2.9	<0.2
S00430525	3	349	1	<0.1	3.5	<0.2
S00430526	<3	250	1	<0.1	3.8	<0.2
S00430527	<3	174	1	<0.1	3.8	<0.2
S00430528	3	172	1	<0.1	4.0	<0.2
S00430529	<3	219	1	<0.1	3.9	<0.2
S00430530	3	220	1	<0.1	3.7	0.2
S00430531	<3	210	1	<0.1	4.0	<0.2
S00430532	<3	250	1	0.2	4.3	<0.2
S00430533	<3	189	<1	0.3	4.1	<0.2
S00430534	6	33	<1	<0.1	0.6	<0.2
S00430535	<3	313	1	0.1	2.9	<0.2
S00430536	<3	281	2	0.1	5.3	0.2
S00430537	3	152	1	0.1	4.7	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430538	7	146	<1	0.1	5.1	<0.2
S00430539	5	159	<1	0.2	6.0	<0.2
S00430540	<3	78	<1	<0.1	21.4	0.2
S00430541	<3	168	<1	0.2	5.8	<0.2
S00430542	6	170	<1	0.2	6.0	<0.2
S00430543	3	157	<1	0.2	5.8	0.3
S00430544	5	159	<1	0.2	5.7	0.2
S00430545	<3	156	1	0.2	5.5	0.3
S00430546	8	145	<1	0.2	5.1	<0.2
S00430547	6	133	<1	0.2	5.5	0.3
S00430548	6	180	<1	0.2	6.4	<0.2
S00430549	12	134	<1	0.4	5.9	<0.2
S00430550	<3	20	<1	0.6	1.1	0.7
*Dup S00430539	7	160	1	0.2	6.2	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430540	<3	82	<1	<0.1	20.6	0.2
*Std OREAS 623	80	1300	2	19.9	1.5	54.2
*Std MP-2a	5690	<10	2	933	3.5	14.4
*Std OREAS 927	17	301	2	67.5	0.5	1.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 623	76	1348	1	15.9	1.4	57.3
*Std OREAS 927	15	303	2	67.1	0.4	1.3
*Rep S00430528	4	165	1	<0.1	3.9	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430501	120	462	0.6	700	9.81	0.3
S00430502	135	322	0.7	513	9.10	0.4
S00430503	83.0	318	0.9	732	9.27	0.5
S00430504	139	172	2.2	952	10.02	0.7
S00430505	46.6	78	3.8	206	8.00	1.1
S00430506	65.7	126	3.2	400	9.00	1.0
S00430507	47.7	89	2.9	627	8.14	1.0
S00430508	129	57	2.8	316	8.93	1.0
S00430509	60.9	56	1.8	1770	6.28	0.8
S00430510	2.0	<20	0.4	30	0.72	0.4
S00430511	27.8	59	3.9	132	7.44	1.4
S00430512	39.4	64	3.9	113	7.70	1.4
S00430513	46.9	67	4.1	182	8.10	1.4
S00430514	38.3	66	3.8	117	8.48	1.3
S00430515	38.7	57	4.2	118	8.25	1.3
S00430516	37.1	39	5.9	143	8.21	1.6
S00430517	34.5	39	5.2	169	7.44	1.4
S00430518	35.0	42	5.1	175	7.54	1.7
S00430519	16.1	43	1.1	69	4.33	0.6
S00430520	190	2527	2.2	2786	11.02	0.2
S00430521	31.5	68	3.9	199	7.43	1.6
S00430522	35.1	86	4.9	116	7.56	1.6
S00430523	43.9	77	4.6	152	8.21	1.9
S00430524	19.0	64	2.5	51	4.42	1.1
S00430525	40.4	69	3.4	128	7.92	1.5
S00430526	37.9	83	5.0	78	8.46	1.5
S00430527	37.9	75	3.1	72	8.58	1.0
S00430528	37.9	95	3.1	67	8.88	1.0
S00430529	45.7	160	4.5	117	8.86	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
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 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430530	42.6	145	4.8	79	8.64	1.6
S00430531	43.4	128	4.7	115	8.86	1.4
S00430532	47.5	156	8.2	51	8.31	2.0
S00430533	59.2	195	4.8	129	8.64	1.3
S00430534	18.9	91	0.5	56	2.05	0.3
S00430535	58.1	131	7.1	125	9.34	1.9
S00430536	50.4	116	7.0	67	8.78	1.8
S00430537	56.9	106	4.7	52	9.12	1.1
S00430538	55.0	94	3.6	78	8.16	1.0
S00430539	49.8	86	3.1	124	8.16	0.9
S00430540	2.6	<20	0.4	12	0.72	0.5
S00430541	48.5	90	3.3	270	8.30	1.0
S00430542	52.1	119	3.4	158	8.56	1.0
S00430543	53.5	125	3.4	201	8.48	1.0
S00430544	57.8	125	3.6	250	8.79	1.0
S00430545	52.1	133	3.6	200	8.56	1.0
S00430546	53.8	196	3.4	137	8.26	1.0
S00430547	61.0	168	3.6	347	9.07	1.0
S00430548	60.3	142	4.0	174	8.94	1.1
S00430549	57.8	138	1.9	307	8.16	0.7
S00430550	363	3243	0.2	4142	16.99	<0.1
*Dup S00430539	51.6	106	3.2	131	8.11	0.9
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00430540	2.5	<20	0.4	10	0.75	0.5
*Std OREAS 623	239	43	3.0	16771	13.27	1.5
*Std MP-2a	6.6	137	6.4	450	5.10	1.3
*Std OREAS 927	31.0	66	5.7	10667	8.66	1.9
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	213	35	2.8	17126	13.50	1.4

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 927	29.2	73	5.3	10873	8.79	1.8
*Rep S00430528	37.4	94	3.1	68	8.61	1.0

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430501	22.5	19	4.04	723	16	1840
S00430502	19.2	14	3.69	663	7	1868
S00430503	21.9	15	3.18	779	35	1201
S00430504	19.5	13	2.66	761	8	1522
S00430505	24.2	17	2.26	784	3	166
S00430506	21.2	18	2.60	898	<2	393
S00430507	20.1	16	2.27	876	2	290
S00430508	19.4	14	1.76	712	<2	1704
S00430509	14.1	12	1.55	646	<2	619
S00430510	6.9	9	8.06	413	<2	12
S00430511	22.8	21	2.16	814	<2	51
S00430512	21.8	18	2.21	847	<2	121
S00430513	21.4	18	2.40	910	<2	151
S00430514	21.2	20	2.49	1063	<2	45
S00430515	19.9	19	2.28	1026	<2	52
S00430516	23.4	20	2.26	960	<2	32
S00430517	22.5	19	2.03	922	<2	63
S00430518	22.8	20	2.18	894	<2	58
S00430519	12.4	11	1.26	746	<2	38
S00430520	4.0	29	12.47	1278	<2	3775

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430521	21.2	22	2.27	923	<2	53
S00430522	23.7	21	2.29	863	<2	38
S00430523	23.0	24	2.53	859	<2	55
S00430524	15.7	14	1.40	568	2	24
S00430525	24.4	22	2.49	931	<2	38
S00430526	22.2	20	2.67	904	<2	35
S00430527	20.8	23	2.92	921	<2	33
S00430528	19.8	19	2.74	969	<2	48
S00430529	19.7	21	2.98	890	<2	67
S00430530	18.8	22	3.04	866	<2	61
S00430531	23.7	19	2.75	886	<2	63
S00430532	20.6	23	2.66	953	<2	60
S00430533	11.1	22	2.90	1041	<2	88
S00430534	6.6	<5	0.63	211	3	19
S00430535	17.5	23	2.72	1015	<2	48
S00430536	19.3	22	2.42	1180	<2	51
S00430537	16.5	19	2.72	1098	<2	40
S00430538	15.7	27	2.56	1056	<2	39
S00430539	17.1	13	2.54	1080	<2	63
S00430540	6.5	10	7.91	515	<2	14
S00430541	16.9	13	2.72	1138	<2	83
S00430542	14.9	12	3.10	1250	<2	100
S00430543	14.4	12	3.10	1259	<2	123
S00430544	15.0	13	3.28	1299	<2	131
S00430545	15.0	13	3.34	1242	<2	123
S00430546	15.7	16	3.43	1158	2	154
S00430547	12.4	16	3.92	1251	<2	187
S00430548	10.4	13	3.83	1315	<2	130
S00430549	11.8	13	3.75	1255	<2	217

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430550	1.5	<5	13.69	1011	3	17555
*Dup S00430539	17.1	14	2.58	1089	<2	67
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00430540	8.2	10	7.77	499	<2	19
*Std OREAS 623	27.5	14	1.19	597	8	29
*Std MP-2a	147	88	0.09	1058	1576	12
*Std OREAS 927	40.5	33	2.18	1163	<2	38
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	26.1	16	1.31	576	8	21
*Std OREAS 927	35.0	36	2.11	1144	<2	33
*Rep S00430528	18.9	19	2.69	946	<2	39

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430501	0.03	9	1	<1	25.6	<50
S00430502	0.04	7	1	<1	27.2	<50
S00430503	0.04	7	1	<1	27.9	<50
S00430504	0.04	8	2	<1	26.1	<50
S00430505	0.05	8	<1	<1	29.1	<50
S00430506	0.04	8	<1	<1	27.0	<50
S00430507	0.04	9	<1	<1	27.8	<50
S00430508	0.04	8	2	<1	27.4	<50
S00430509	0.03	11	1	<1	30.2	<50
S00430510	0.02	14	<1	<1	6.6	<50
S00430511	0.03	9	<1	<1	29.6	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430512	0.04	9	<1	<1	27.5	<50
S00430513	0.04	7	<1	<1	28.3	<50
S00430514	0.04	6	<1	<1	28.8	<50
S00430515	0.04	6	<1	<1	28.1	<50
S00430516	0.04	15	<1	1	27.1	<50
S00430517	0.04	9	<1	1	27.0	<50
S00430518	0.05	7	<1	<1	27.3	<50
S00430519	0.03	5	<1	<1	33.8	<50
S00430520	0.03	4	2	3	18.9	<50
S00430521	0.04	11	<1	<1	26.7	<50
S00430522	0.04	13	<1	<1	27.6	<50
S00430523	0.04	23	<1	<1	28.5	<50
S00430524	0.03	9	<1	<1	33.7	<50
S00430525	0.04	8	<1	<1	28.6	<50
S00430526	0.04	9	<1	<1	27.2	<50
S00430527	0.03	15	<1	<1	26.9	<50
S00430528	0.03	13	<1	<1	25.9	<50
S00430529	0.03	8	<1	<1	26.7	<50
S00430530	0.03	7	<1	<1	25.7	<50
S00430531	0.04	9	<1	<1	26.4	<50
S00430532	0.05	7	<1	<1	24.5	<50
S00430533	0.02	6	<1	<1	24.4	<50
S00430534	0.02	3	<1	<1	39.8	<50
S00430535	0.03	5	<1	<1	22.9	<50
S00430536	0.04	8	<1	<1	21.9	51
S00430537	0.03	7	<1	<1	22.6	<50
S00430538	0.04	6	<1	<1	24.1	<50
S00430539	0.03	7	<1	<1	23.0	<50
S00430540	0.03	27	<1	<1	7.6	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430541	0.04	6	<1	<1	25.4	<50
S00430542	0.04	6	<1	<1	25.0	<50
S00430543	0.04	5	<1	<1	24.0	<50
S00430544	0.04	5	<1	<1	24.0	<50
S00430545	0.05	5	<1	<1	24.3	<50
S00430546	0.05	5	<1	<1	23.5	<50
S00430547	0.04	5	<1	<1	24.0	<50
S00430548	0.03	5	<1	<1	24.2	<50
S00430549	0.03	7	<1	<1	24.2	<50
S00430550	0.01	16	8	2	14.4	<50
*Dup S00430539	0.04	7	<1	<1	24.6	<50
*Blk BLANK	<0.01	<2	<1	<1	0.1	<50
*Rep S00430540	0.03	27	<1	<1	7.5	<50
*Std OREAS 623	0.05	2695	10	26	23.4	<50
*Std MP-2a	0.02	2597	1	7	32.1	482
*Std OREAS 927	0.06	229	2	2	29.5	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2253	10	23	24.1	<50
*Std OREAS 927	0.05	197	2	1	31.7	<50
*Rep S00430528	0.03	13	<1	<1	25.5	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430501	67	2	0.49	353	<5	15.1
S00430502	87	2	0.43	315	<5	15.7

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430503	108	1	0.59	326	<5	18.8
S00430504	137	3	0.58	274	<5	19.0
S00430505	192	<1	0.61	194	<5	22.9
S00430506	156	<1	0.70	247	<5	21.1
S00430507	161	<1	0.71	216	<5	19.4
S00430508	127	<1	0.54	164	<5	18.4
S00430509	147	<1	0.52	147	<5	18.2
S00430510	131	<1	0.05	11	<5	7.1
S00430511	153	<1	0.58	157	<5	18.0
S00430512	158	<1	0.52	173	<5	22.0
S00430513	166	<1	0.55	172	<5	19.0
S00430514	163	<1	0.54	204	<5	21.1
S00430515	165	<1	0.52	201	<5	20.6
S00430516	182	<1	0.55	191	<5	19.9
S00430517	182	<1	0.75	218	<5	21.1
S00430518	145	<1	0.79	220	<5	20.8
S00430519	71	<1	0.90	125	<5	19.0
S00430520	28	<1	0.30	126	<5	8.1
S00430521	132	<1	0.77	203	<5	19.4
S00430522	149	<1	0.53	156	<5	19.6
S00430523	116	<1	0.49	160	<5	18.8
S00430524	62	<1	0.32	117	<5	11.9
S00430525	110	<1	0.54	168	<5	19.4
S00430526	166	<1	0.66	182	<5	19.7
S00430527	165	<1	0.48	169	<5	18.3
S00430528	154	<1	0.79	218	<5	18.7
S00430529	162	<1	0.43	216	<5	18.8
S00430530	155	<1	0.48	221	<5	18.9
S00430531	172	<1	0.41	183	<5	20.8

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430532	151	<1	0.50	255	<5	17.6
S00430533	114	<1	0.64	276	<5	9.6
S00430534	31	<1	0.06	42	<5	2.4
S00430535	91	<1	1.02	369	<5	13.2
S00430536	161	<1	1.17	402	<5	15.5
S00430537	174	<1	0.82	499	<5	14.8
S00430538	178	<1	0.57	301	<5	15.7
S00430539	171	<1	0.58	267	<5	16.8
S00430540	150	<1	0.08	14	<5	8.1
S00430541	174	<1	0.61	257	<5	17.5
S00430542	164	<1	0.60	260	<5	17.6
S00430543	167	<1	0.56	243	<5	16.4
S00430544	146	<1	0.58	258	<5	16.0
S00430545	159	<1	0.64	251	<5	19.2
S00430546	135	<1	0.69	323	<5	19.3
S00430547	143	<1	0.64	287	<5	16.9
S00430548	166	<1	0.46	227	<5	12.9
S00430549	175	<1	0.33	219	<5	13.1
S00430550	<10	<1	0.10	80	<5	3.4
*Dup S00430539	181	<1	0.56	267	<5	17.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430540	151	<1	0.08	14	<5	8.1
*Std OREAS 623	87	<1	0.16	29	<5	17.1
*Std MP-2a	14	5	0.04	<5	3365	222
*Std OREAS 927	30	<1	0.37	86	9	23.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	76	<1	0.14	24	<5	17.1
*Std OREAS 927	28	<1	0.33	75	9	21.9
*Rep S00430528	161	<1	0.78	224	<5	19.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element	Yb	Zn	@S
Method	GE IMS90A50	GE IMS90A50	GE CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430501	1.6	71	1.172
S00430502	1.6	57	1.416
S00430503	1.6	63	1.034
S00430504	1.7	60	1.883
S00430505	2.0	65	0.233
S00430506	1.8	76	0.508
S00430507	1.8	76	0.333
S00430508	1.7	56	2.044
S00430509	1.8	59	0.896
S00430510	0.5	44	0.016
S00430511	1.7	70	0.050
S00430512	1.9	73	0.087
S00430513	1.6	79	0.138
S00430514	1.9	76	0.058
S00430515	1.8	76	0.056
S00430516	1.8	78	0.051
S00430517	1.9	76	0.091
S00430518	1.9	77	0.161
S00430519	1.7	52	0.012
S00430520	0.7	113	1.817
S00430521	1.8	85	0.057
S00430522	1.8	95	0.056
S00430523	1.7	95	0.174
S00430524	1.1	46	0.024
S00430525	1.8	85	0.088
S00430526	1.7	84	0.046
S00430527	1.7	95	0.066
S00430528	1.7	94	0.082
S00430529	1.7	82	0.164

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430530	1.7	89	0.103
S00430531	1.9	80	0.198
S00430532	2.1	88	0.103
S00430533	1.2	90	0.257
S00430534	0.2	22	0.092
S00430535	1.5	92	0.313
S00430536	1.7	88	0.146
S00430537	1.7	86	0.100
S0043053	1.7	80	0.083
S00430539	1.8	97	0.079
S00430540	0.7	47	0.019
S00430541	1.9	90	0.082
S00430542	1.8	91	0.073
S00430543	1.7	91	0.071
S00430544	1.7	100	0.095
S00430545	2.0	102	0.085
S00430546	2.0	112	0.071
S00430547	1.8	114	0.118
S0043054	1.4	98	0.062
S00430549	1.4	86	0.089
S00430550	0.4	101	7.199
*Dup S00430539	1.9	98	0.074
*Blk BLANK	-	-	<0.005
*Std GS314	-	-	2.567
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.546
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.572
*Rep S004305 6	-	-	0.046
*Std GS314-2	-	-	2.559

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10067

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00430542	-	-	0.075
*Blk BLANK	-	-	<0.005
*Blk BLANK	<0.1	6	-
*Rep S00430540	0.7	45	-
*Std OREAS 623	1.8	10298	-
*Std MP-2a	29.1	5955	-
*Std OREAS 927	2.4	747	-
*Blk BLANK	<0.1	7	-
*Std OREAS 6 3	1.6	10090	-
*Std OREAS 927	2.0	743	-
*Rep S00430528	1.8	89	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10178

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	04-Jun-2021
Project	Shakespeare exploration	Date Analysed	11-Jun-2021 - 19-Aug-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	20-Aug-2021
Core		SGS Order Number	BBM21-10178
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10178

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430551	2.59	9	10	31	<5	7.58
S00430552	1.22	15	30	58	<5	6.94
S00430553	2.01	14	30	27	<5	7.21
S00430554	1.93	9	20	17	<5	7.77
S00430555	2.23	8	10	17	<5	7.56
S00430556	2.60	12	20	28	<5	7.60
S00430557	2.36	6	10	12	<5	7.73
S00430558	2.45	12	10	18	<5	7.77
S00430559	1.94	5	<10	12	<5	7.89
S00430560	0.79	<5	<10	<5	<5	0.86
S00430561	2.28	8	<10	11	<5	7.87
S00430562	2.63	<5	<10	14	<5	8.29
S00430563	2.28	<5	<10	11	<5	8.11
S00430564	1.49	12	30	32	<5	8.23
S00430565	1.47	5	<10	10	<5	8.35
S00430566	1.95	7	10	20	<5	7.83
S00430567	1.43	5	<10	11	<5	8.25
S00430568	2.01	8	10	15	<5	7.78
S00430569	1.88	5	<10	10	<5	7.94
S00430570	0.11	49	420	536	<5	2.72
S00430571	1.80	<5	<10	8	<5	8.18
S00430572	1.84	6	20	22	<5	8.06
S00430573	3.13	<5	10	15	<5	8.39
S00430574	1.86	<5	<10	17	<5	7.98
S00430575	2.50	<5	<10	18	<5	7.65
S00430576	1.79	<5	<10	11	<5	7.43
S00430577	1.64	<5	<10	6	<5	7.01
S00430578	0.88	<5	<10	5	<5	7.85
S00430579	0.73	<5	<10	8	6	7.29

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10178

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430580	0.82	<5	<10	<5	<5	7.33
S00430581	1.24	<5	<10	<5	<5	7.37
S00430582	2.28	<5	<10	<5	<5	7.52
S00430583	2.03	<5	<10	<5	<5	7.49
S00430584	2.23	8	<10	<5	<5	7.42
S00430585	2.03	15	30	11	<5	7.69
S00430586	1.16	29	100	27	<5	7.84
S00430587	2.20	16	20	26	6	7.86
S00430588	1.33	8	10	15	<5	7.89
S00430589	2.05	13	30	22	<5	7.60
S00430590	0.63	<5	<10	<5	<5	1.04
S00430591	1.71	14	50	33	<5	7.52
S00430592	1.76	15	70	40	<5	7.35
S00430593	2.15	16	50	39	<5	7.16
S00430594	1.72	5	20	18	<5	5.97
S00430595	0.72	8	20	16	<5	6.29
S00430596	1.28	<5	<10	<5	<5	6.45
S00430597	2.91	9	20	13	<5	7.21
S00430598	3.56	31	100	37	<5	8.52
S00430599	3.59	25	80	32	<5	8.43
S00430600	0.11	48	560	995	<5	1.48
*Dup S00430589	-	14	30	23	<5	7.82
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 681	-	53	530	247	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	55	-	-
*Rep S00430577	-	<5	<10	<5	-	-
*Rep S00430581	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10178

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00430556	-	-	-	-	<5	7.52
*Std MP-2a	-	-	-	-	7	6.02
*Rep S00430578	-	-	-	-	<5	7.94

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430551	8	123	<1	0.3	6.1	<0.2
S00430552	10	212	<1	0.3	5.6	0.2
S00430553	12	180	<1	0.3	6.2	0.2
S00430554	16	255	<1	0.2	3.9	0.2
S00430555	9	197	<1	0.3	5.7	0.3
S00430556	25	213	1	0.2	6.4	0.3
S00430557	9	241	<1	0.2	6.3	0.2
S00430558	10	212	<1	0.2	6.3	0.2
S00430559	6	260	<1	0.2	6.2	<0.2
S00430560	<3	85	<1	<0.1	20.2	0.3
S00430561	12	350	<1	0.1	7.0	<0.2
S00430562	9	333	<1	0.1	6.5	0.2
S00430563	<3	228	<1	<0.1	6.6	0.2
S00430564	6	273	<1	0.4	6.7	0.3
S00430565	<3	308	<1	0.5	5.7	0.4
S00430566	<3	221	<1	0.3	4.6	<0.2
S00430567	5	211	<1	0.2	6.9	<0.2
S00430568	3	226	<1	0.3	6.0	<0.2
S00430569	5	215	<1	0.3	6.3	0.3

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10178

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430570	159	97	<1	0.2	3.2	0.5
S00430571	6	282	<1	0.2	6.6	0.3
S00430572	3	239	<1	0.3	6.7	0.4
S00430573	6	239	<1	0.3	6.7	0.6
S00430574	7	176	<1	0.4	7.1	<0.2
S00430575	6	170	<1	0.2	7.0	0.2
S00430576	6	192	<1	0.1	7.1	<0.2
S00430577	5	158	<1	0.2	6.7	0.2
S00430578	4	223	<1	0.1	6.3	0.2
S00430579	<3	228	<1	0.5	5.3	0.8
S00430580	<3	151	<1	0.1	5.3	0.2
S00430581	<3	139	1	0.1	5.2	<0.2
S00430582	4	159	<1	0.2	6.8	<0.2
S00430583	3	161	<1	0.1	7.1	<0.2
S00430584	4	163	<1	0.1	6.4	<0.2
S00430585	6	176	<1	0.2	6.7	0.3
S00430586	8	186	<1	0.3	6.4	0.3
S00430587	<3	330	1	0.6	4.2	0.7
S00430588	<3	187	<1	0.2	4.7	<0.2
S00430589	18	104	<1	0.2	5.9	<0.2
S00430590	<3	80	<1	<0.1	17.3	0.2
S00430591	13	176	<1	0.2	6.3	0.4
S00430592	12	160	<1	0.2	6.5	0.4
S00430593	15	192	<1	0.3	6.2	0.4
S00430594	16	139	<1	0.1	6.2	0.3
S00430595	15	50	<1	0.3	7.0	0.6
S00430596	13	41	<1	0.2	6.7	0.2
S00430597	8	133	<1	0.1	6.6	<0.2
S00430598	27	163	<1	0.8	6.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10178

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430599	5	154	<1	0.2	6.6	<0.2
S00430600	4	18	<1	0.4	1.3	0.4
*Dup S00430589	17	99	<1	0.2	6.1	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430556	22	263	<1	0.3	6.3	0.4
*Std MP-2a	5118	11	1	>1000	3.2	14.7
*Rep S00430578	<3	287	<1	0.4	6.1	0.5

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430551	47.3	67	1.5	278	7.89	0.7
S00430552	58.1	32	5.4	484	9.34	1.3
S00430553	48.1	22	1.3	486	7.74	0.8
S00430554	53.8	75	2.7	318	7.89	1.1
S00430555	44.2	41	3.1	319	7.72	1.0
S00430556	51.8	<20	1.4	582	6.93	0.9
S00430557	38.8	<20	1.8	269	6.62	1.1
S00430558	43.3	<20	2.4	482	6.92	1.1
S00430559	40.7	<20	1.6	267	6.49	1.3
S00430560	2.4	<20	0.3	23	0.65	0.4
S00430561	40.0	26	1.6	206	6.67	1.3
S00430562	43.1	162	1.6	217	6.89	1.3
S00430563	41.5	21	1.5	297	6.83	1.0
S00430564	42.7	21	1.1	777	6.58	1.0
S00430565	40.3	71	2.6	155	7.33	1.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10178

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430566	49.6	91	3.7	261	7.58	1.2
S00430567	41.9	47	2.0	195	7.51	1.0
S00430568	42.6	65	3.3	301	7.63	1.2
S00430569	43.8	49	2.2	253	7.48	1.0
S00430570	179	2576	2.1	2869	11.01	0.3
S00430571	41.9	37	1.7	211	7.18	1.1
S00430572	41.6	73	1.1	212	7.50	0.8
S00430573	44.0	71	1.0	106	7.45	0.9
S00430574	48.2	44	1.3	139	7.31	0.9
S00430575	50.3	41	1.4	161	7.33	0.9
S00430576	43.3	40	1.4	166	7.32	0.9
S00430577	40.6	40	1.1	130	7.03	0.8
S00430578	41.7	72	3.0	146	7.85	1.1
S00430579	43.9	54	2.8	195	7.79	1.0
S00430580	42.3	50	2.6	223	7.59	1.0
S00430581	32.1	28	2.7	161	6.71	0.9
S00430582	41.7	47	2.6	159	7.99	0.9
S00430583	43.3	50	2.2	181	7.95	0.8
S00430584	38.4	47	2.3	182	7.12	0.9
S00430585	41.5	41	2.1	394	7.40	0.8
S00430586	46.9	47	2.4	380	7.18	0.8
S00430587	32.0	56	5.5	120	7.79	1.2
S00430588	33.2	53	4.7	138	7.38	1.1
S00430589	51.8	152	1.9	349	8.02	0.6
S00430590	2.5	<20	0.3	29	0.80	0.5
S00430591	41.8	58	1.0	342	7.11	0.8
S00430592	41.9	64	0.8	253	7.21	0.6
S00430593	41.1	80	0.9	377	6.59	0.7
S00430594	51.1	571	0.6	90	8.21	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
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 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430595	54.3	281	0.2	1005	7.81	0.3
S00430596	41.3	52	0.4	137	7.37	0.3
S00430597	46.2	66	1.5	154	8.12	0.6
S00430598	57.4	61	1.3	508	7.97	0.7
S00430599	50.2	66	1.8	591	8.41	0.7
S00430600	310	3308	0.2	3632	15.34	0.1
*Dup S00430589	50.9	158	2.0	341	8.23	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00430556	49.4	36	1.4	572	6.69	0.9
*Std MP-2a	5.7	128	5.5	478	5.06	1.3
*Rep S00430578	40.7	66	3.1	142	7.64	1.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430551	13.3	15	3.29	1156	<2	110
S00430552	11.4	25	3.22	1235	<2	141
S00430553	12.1	15	3.16	1082	<2	138
S00430554	18.8	21	2.89	985	<2	128
S00430555	15.4	18	3.29	1056	2	110
S00430556	15.9	12	3.11	1014	<2	145
S00430557	13.3	13	3.12	995	<2	92
S00430558	13.3	14	3.21	1022	<2	119
S00430559	13.1	18	3.22	957	<2	87
S00430560	8.4	9	8.57	533	<2	14
S00430561	13.4	20	3.10	1067	<2	90

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430562	13.4	17	3.13	1062	<2	711
S00430563	12.5	13	3.18	1067	<2	101
S00430564	16.7	12	3.26	1006	<2	156
S00430565	20.5	18	3.32	991	<2	86
S00430566	20.2	18	2.97	964	<2	94
S00430567	16.3	13	3.33	1109	<2	91
S00430568	17.8	16	3.42	1091	<2	107
S00430569	16.8	14	3.28	1108	<2	95
S00430570	4.4	26	12.41	1251	<2	3347
S00430571	17.6	13	3.47	1114	<2	96
S00430572	19.0	11	3.45	1112	<2	99
S00430573	19.1	12	3.44	1073	<2	97
S00430574	11.8	10	3.56	1120	2	91
S00430575	11.8	10	3.52	1126	<2	95
S00430576	11.4	10	3.69	1159	<2	101
S00430577	11.0	12	3.39	1073	<2	89
S00430578	16.4	15	3.20	1132	<2	83
S00430579	27.3	16	3.10	1111	3	81
S00430580	19.6	17	3.03	1058	<2	73
S00430581	29.1	15	2.23	890	<2	51
S00430582	11.8	14	3.51	1167	<2	91
S00430583	11.8	12	3.72	1213	<2	97
S00430584	17.4	13	3.23	1083	<2	82
S00430585	13.3	11	3.38	1137	<2	108
S00430586	15.0	11	3.14	1039	<2	111
S00430587	30.6	17	2.08	889	<2	57
S00430588	18.0	18	2.41	870	<2	53
S00430589	13.8	14	3.78	1154	<2	135
S00430590	7.6	9	7.23	640	<2	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430591	8.7	9	3.30	1081	<2	123
S00430592	8.8	9	3.36	1085	<2	124
S00430593	10.0	9	3.26	1044	<2	134
S00430594	5.9	10	5.10	1257	<2	159
S00430595	9.4	10	3.70	1084	<2	154
S00430596	8.7	7	3.36	1092	<2	103
S00430597	9.6	9	3.97	1385	<2	115
S00430598	10.3	12	3.98	1308	<2	206
S00430599	8.5	13	3.95	1407	<2	186
S00430600	1.0	<5	14.67	937	3	11221
*Dup S00430589	12.4	12	4.00	1181	<2	134
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00430556	18.9	16	3.06	993	<2	144
*Std MP-2a	192	84	0.09	980	1599	14
*Rep S00430578	21.3	16	3.29	1096	<2	89

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430551	0.02	7	<1	<1	24.2	<50
S00430552	0.02	7	<1	<1	22.1	<50
S00430553	0.01	8	<1	<1	22.5	<50
S00430554	0.04	8	<1	<1	22.4	<50
S00430555	0.02	9	<1	<1	23.5	<50
S00430556	0.01	9	<1	<1	23.0	<50
S00430557	0.02	8	<1	<1	22.5	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430558	0.02	9	<1	<1	22.6	<50
S00430559	0.02	9	<1	<1	23.9	<50
S00430560	0.01	9	<1	<1	6.0	<50
S00430561	0.01	6	<1	<1	20.8	<50
S00430562	0.01	7	<1	<1	21.4	<50
S00430563	0.01	7	<1	<1	23.2	<50
S00430564	0.02	9	<1	<1	23.4	<50
S00430565	0.01	10	<1	<1	22.3	<50
S00430566	0.03	7	<1	<1	24.0	<50
S00430567	0.02	8	<1	<1	24.4	<50
S00430568	0.02	7	<1	<1	24.3	<50
S00430569	0.02	8	<1	<1	24.4	<50
S00430570	0.02	7	1	3	16.3	<50
S00430571	0.01	12	<1	<1	24.5	<50
S00430572	0.01	9	<1	<1	24.1	<50
S00430573	<0.01	9	<1	<1	23.7	<50
S00430574	0.02	7	<1	<1	23.6	<50
S00430575	0.02	6	<1	<1	23.2	<50
S00430576	0.02	7	<1	<1	23.0	<50
S00430577	0.02	6	<1	<1	24.7	<50
S00430578	0.03	7	<1	<1	24.1	<50
S00430579	0.02	10	<1	<1	24.4	<50
S00430580	0.04	7	<1	<1	24.6	<50
S00430581	0.04	8	<1	<1	26.1	74
S00430582	0.02	7	<1	<1	23.5	<50
S00430583	0.02	7	<1	<1	23.7	<50
S00430584	0.03	6	<1	<1	24.0	<50
S00430585	0.02	6	<1	<1	23.3	<50
S00430586	0.02	7	<1	<1	22.9	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430587	0.02	19	<1	<1	23.7	<50
S00430588	0.03	8	<1	<1	22.9	<50
S00430589	0.02	6	<1	<1	22.2	<50
S00430590	0.02	6	<1	<1	6.7	<50
S00430591	0.02	6	<1	<1	19.3	<50
S00430592	0.02	6	<1	<1	19.3	<50
S00430593	0.01	6	<1	<1	18.5	<50
S00430594	0.01	4	<1	<1	18.5	<50
S00430595	<0.01	7	<1	<1	18.2	<50
S00430596	0.02	7	<1	<1	18.7	<50
S00430597	0.02	6	<1	<1	23.3	<50
S00430598	0.02	9	<1	<1	24.2	<50
S00430599	0.02	6	<1	<1	24.9	<50
S00430600	<0.01	13	8	2	16.2	<50
*Dup S00430589	0.02	6	<1	<1	22.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00430556	0.01	11	<1	<1	22.5	<50
*Std MP-2a	0.01	2974	<1	6	29.9	524
*Rep S00430578	0.02	10	<1	<1	23.6	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430551	174	<1	0.40	181	<5	17.2
S00430552	142	<1	0.42	182	<5	13.3
S00430553	150	<1	0.29	175	<5	11.4

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430554	138	<1	0.43	161	<5	15.4
S00430555	187	<1	0.32	161	<5	13.8
S00430556	178	<1	0.32	163	<5	15.3
S00430557	185	<1	0.32	160	<5	14.7
S00430558	170	<1	0.33	154	<5	12.6
S00430559	184	<1	0.32	157	<5	12.9
S00430560	110	<1	0.07	11	<5	7.8
S00430561	114	<1	0.31	151	<5	13.4
S00430562	154	<1	0.29	148	<5	11.3
S00430563	171	<1	0.30	154	<5	11.1
S00430564	171	<1	0.32	167	<5	14.5
S00430565	158	<1	0.34	145	<5	13.3
S00430566	147	<1	0.41	151	<5	17.2
S00430567	170	<1	0.42	195	<5	17.7
S00430568	151	<1	0.50	186	<5	19.0
S00430569	155	<1	0.46	182	<5	15.4
S00430570	33	<1	0.33	116	<5	8.1
S00430571	163	<1	0.39	176	<5	15.5
S00430572	158	<1	0.41	178	<5	19.6
S00430573	161	<1	0.41	180	<5	16.8
S00430574	162	<1	0.38	183	<5	15.9
S00430575	156	<1	0.40	177	<5	14.7
S00430576	156	<1	0.38	185	<5	15.6
S00430577	149	<1	0.36	180	<5	14.2
S00430578	161	<1	0.52	177	<5	19.6
S00430579	134	<1	0.75	165	<5	24.3
S00430580	139	<1	0.63	159	<5	25.2
S00430581	136	<1	0.67	162	<5	30.9
S00430582	154	<1	0.48	202	<5	18.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430583	162	<1	0.44	205	<5	17.1
S00430584	157	<1	0.46	183	<5	18.6
S00430585	165	<1	0.43	186	<5	15.6
S00430586	173	<1	0.41	164	<5	16.7
S00430587	153	<1	1.01	195	<5	24.7
S00430588	171	<1	0.59	148	<5	19.4
S00430589	130	<1	0.49	189	<5	18.0
S00430590	106	<1	0.07	13	<5	9.2
S00430591	153	<1	0.39	167	<5	13.0
S00430592	149	<1	0.40	175	<5	13.1
S00430593	144	<1	0.45	169	<5	13.2
S00430594	94	<1	0.32	186	<5	10.5
S00430595	147	<1	0.35	195	<5	11.9
S00430596	147	<1	0.44	198	<5	14.5
S00430597	163	<1	0.38	206	<5	15.3
S00430598	185	<1	0.37	185	<5	14.0
S00430599	180	<1	0.50	205	<5	15.3
S00430600	19	<1	0.12	80	<5	4.0
*Dup S00430589	130	<1	0.50	192	<5	17.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430556	174	<1	0.31	157	<5	14.7
*Std MP-2a	21	4	0.04	<5	3431	267
*Rep S00430578	159	<1	0.50	174	<5	19.3

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430551	1.7	75	0.085
S00430552	1.5	86	0.146
S00430553	1.2	78	0.110
S00430554	1.5	80	0.114
S00430555	1.4	80	0.010
S00430556	1.4	70	0.038
S00430557	1.5	68	0.013
S00430558	1.3	77	0.043
S00430559	1.3	65	<0.005
S00430560	0.7	72	0.029
S00430561	1.4	77	<0.005
S00430562	1.2	71	<0.005
S00430563	1.1	68	0.012
S00430564	1.4	73	0.106
S00430565	1.2	77	<0.005
S00430566	1.7	83	0.057
S00430567	1.7	98	0.009
S00430568	1.9	84	0.058
S00430569	1.4	81	0.026
S00430570	0.8	107	1.597
S00430571	1.5	77	<0.005
S00430572	1.6	79	0.019
S00430573	1.4	74	<0.005
S00430574	1.5	78	<0.005
S00430575	1.4	77	0.018
S00430576	1.5	88	0.022
S00430577	1.4	75	0.011
S00430578	1.9	89	0.030
S00430579	1.9	85	0.091
S00430580	2.4	82	0.105

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430581	2.9	64	0.264
S00430582	1.8	82	0.033
S00430583	1.7	85	0.018
S004305 4	1.8	77	0.038
S00430585	1.6	81	0.041
S00430586	1.7	75	0.078
S00430587	1.9	80	0.093
S00430588	1.9	75	0.082
S004305 9	1.8	91	0.057
S00430590	1.0	43	0.017
S00430591	1.4	79	0.067
S00430592	1.4	74	0.061
S00430593	1.5	72	0.055
S00430594	1.3	88	<0.005
S00430595	1.3	87	0.212
S00430596	1.7	73	0.038
S00430597	1.8	87	0.043
S00430598	1.4	92	0.122
S00430599	1.5	95	0.120
S00430600	0.4	110	7.345
*Dup S00430589	1.7	92	0.055
*Blk BLANK	<0.1	<5	-
*Blk BLANK	-	-	0.010
*Std GS314	-	-	2.599
*Rep S00430554	-	-	0.125
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.621
*Rep S00430593	-	-	0.060
*Rep S00430556	1.4	72	-
*Std MP-2a	28.8	5922	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00430578	1.7	90	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Batch_No BBM21-10199
 CLIENT URSA MAJOR MINERALS INCORPORATED
 NO. OF SAM 50
 DATE RECEI 70621
 DATE COMP 300821
 PROJECT Shakespeare exploration
 CERTIFICATE COMMENTS

PO NUMBEF *SD* Shakespeare/Exploration/ 50 Rocks

METHOD	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
ANALYTE	WTG	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	
UNITS	kg	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
DETECTION		0.01	5	10	5	5	0.01	3	10	1	0.1	0.1	0.2
S00430601		3.58	14	50	118 <5		7.85	7	141 <1		0.2	6.2 <0.2	
S00430602		3.6 <5	<10		8 <5		7.4	18	119 <1		0.1	7 <0.2	
S00430603		3.05 <5	<10		13 <5		7.95	6	240 <1	<0.1		6.9 <0.2	
S00430604		3.63 <5	<10		7 <5		7.62	4	182 <1	<0.1		7.1 <0.2	
S00430605		3.63 <5	<10	<5	<5		7.53	11	163 <1		0.1	6.9 <0.2	
S00430606		3.07 <5	<10		7 <5		7.16	6	150 <1		0.1	6.6 <0.2	
S00430607		4	5 <10	<5	<5		7.31	7	163 <1		0.1	6.3 <0.2	
S00430608		3.08	6 <10		7 <5		7.53	7	93 <1		0.2	6.6 <0.2	
S00430609		3.47	6	30	13 <5		6.74	3	202 <1		0.1	5.4 <0.2	
S00430610		0.41 <5	<10	<5	<5		0.88 <3		124 <1	<0.1		14.7 <0.2	
S00430611		1.64	7	50	17 <5		6.35 <3		301 <1		0.1	4.9 <0.2	
S00430612		2.31	8	50	43 <5		6.32	5	237 <1		0.1	5 <0.2	
S00430613		3.86 <5		30	25 <5		7.18	6	129 <1	<0.1		5.9 <0.2	
S00430614		3.78 <5		10	11 <5		7.69	6	48 <1		0.1	7.9 <0.2	
S00430615		3.4 <5		10	8 <5		7.06	6	140 <1		0.1	6.1 <0.2	
S00430616		3.69 <5		10	8 <5		7.23	10	137 <1	<0.1		6.3 <0.2	
S00430617		3.6 <5		10	12 <5		7.52	6	114 <1	<0.1		6.6 <0.2	
S00430618		3.65 <5	<10		12 <5		7.86	9	90 <1	<0.1		6.5 <0.2	
S00430619		3.35 <5		20	13 <5		7.73	5	132 <1	<0.1		6.8 <0.2	
S00430620		0.11	56	430	560 <5		2.87	199	87 <1		0.1	2.9 <0.2	
S00430621		3.38	5 <10		8 <5		7.08	4	145 <1	<0.1		6.2 <0.2	
S00430622		3.78 <5	<10		8 <5		6.94	9	129 <1	<0.1		6.7 <0.2	

S00430623	3.76	5	10	8 <5	6.96	5	117 <1	<0.1	6.5 <0.2		
S00430624	3.55 <5		10	9 <5	7.49	7	140 <1	<0.1	6.6 <0.2		
S00430625	3.5 <5	<10		9 <5	7.71 <3		120 <1	<0.1	6.5 <0.2		
S00430626	3.47 <5	<10		7 <5	7.31	15	62 <1	<0.1	5.7 <0.2		
S00430627	3.09 <5	<10		6 <5	7.35	6	114 <1	<0.1	6.3 <0.2		
S00430628	3.53	8 <10		6 <5	7.54	5	133 <1	<0.1	6.7 <0.2		
S00430629	1.53 <5	<10		8 <5	7.53 <3		121 <1	<0.1	6.7 <0.2		
S00430630	1.65 <5	<10		8 <5	7.64	3	121 <1	<0.1	6.7 <0.2		
S00430631	2.82 <5	<10		7 <5	7.73 <3		128 <1	<0.1	6.7 <0.2		
S00430632	3.13 <5	<10		9 <5	7.92 <3		129 <1	<0.1	6.7 <0.2		
S00430633	1.86 <5	<10		8 <5	7.84 <3		117 <1	<0.1	6.8 <0.2		
S00430634	3.35 <5	<10		8 <5	7.81	5	171 <1	<0.1	6.5 <0.2		
S00430635	2.74 <5	<10		8 <5	7.58	5	178 <1	<0.1	5.9 <0.2		
S00430636	3.42 <5	<10		10 <5	8.42	19	57 <1	<0.1	9.5 <0.2		
S00430637	3.46 <5		10	37 <5	7.01	14	164 <1	<0.1	5.4 <0.2		
S00430638	3.57 <5	<10		10 <5	6.44	4	128 <1	<0.1	5.9 <0.2		
S00430639	3.44 <5	<10		9 <5	6.63	7	116 <1	<0.1	6 <0.2		
S00430640	0.92	5 <10	<5	<5	0.92 <3		95 <1	<0.1	15.8 <0.2		
S00430641	1.63 <5	<10		8 <5	7.01	10	100 <1	<0.1	6.7 <0.2		
S00430642	3.2 <5	<10		7 <5	6.72	3	65 <1	<0.1	5 <0.2		
S00430643	3.14 <5	<10		5 <5	7.62 <3		71	2 <0.1	5.4 <0.2		
S00430644	1.25 <5	<10		5 <5	8.74	5	68	1 <0.1	4.1 <0.2		
S00430645	3.63	6 <10		7 <5	7.11	5	128 <1	<0.1	6.5 <0.2		
S00430646	3.45 <5	<10		14 <5	7.27	4	137 <1	<0.1	6.7 <0.2		
S00430647	3.52 <5	<10		9 <5	7.1	6	120 <1	<0.1	6.4 <0.2		
S00430648	2.84 <5	<10		8 <5	6.97	3	103 <1	<0.1	5.8 <0.2		
S00430649	2.09 <5	<10		8 <5	7.51 <3		81	1 <0.1	4.1 <0.2		
S00430650	0.11	38	560	945 <5	1.37 <3		21 <1		0.5	0.8	0.5
Ch:S00430611				<5	6.47 <3		288 <1	<0.1		5 <0.2	
Blank01_BBM21-10199				<5	<0.01	<3	<10	<1	<0.1	<0.1	<0.2
Ch:S00430633				<5	7.94 <3		123 <1	<0.1		6.8 <0.2	
St01:OREAS 681_BBM21		50	510	230							
St02:OREAS 45f_BBM21		18	30	53							
Ch:S00430639	<5	<10		8							

GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	
Co	Cr	Cs	Cu	Fe	K	La	Li	Mg	Mn	Mo	Ni	P	
ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	%	
	0.5	20	0.1	5	0.01	0.1	0.1	5	0.01	10	2	10	0.01
	47.7	59	0.9	219	7.87	0.6	11.5	19	3.83	1307	<2	135	0.02
	51.6	48	0.7	209	8.04	0.5	10	12	3.81	1418	<2	92	0.02
	49.9	56	1.8	160	8.72	1	10.6	11	4.1	1521	<2	108	0.03
	48.2	64	1.2	171	8.42	0.8	11.2	9	4.03	1465	<2	110	0.02
	48.1	56	2	148	8.4	0.7	10.9	9	3.89	1435	<2	107	0.02
	44.4	48	2.1	168	8.18	0.7	11	10	3.91	1405	<2	106	0.02
	45.2	56	2.1	163	8.17	0.7	10.3	11	3.91	1370	<2	112	0.02
	45.9	34	0.6	299	7.35	0.4	10.5	10	3.38	1264	<2	130	0.02
	48	50	1.7	119	8.13	0.8	10.8	14	4.06	1367	<2	142	0.02
	2.3	<20	0.3	23	0.61	0.5	10.9	8	7.62	542	<2	14	0.01
	44.1	44	1.2	122	7.31	1.2	10.2	15	3.67	1287	<2	136	0.01
	46.4	47	0.6	95	7.9	1	9.7	21	4.16	1291	<2	126	0.02
	41.1	45	1.7	107	7.61	0.6	10.1	13	3.69	1266	<2	101	0.02
	33.5	44	0.7	49	6.92	0.3	9.6	<5	3.09	1219	<2	77	0.01
	42.7	53	1.5	88	7.54	0.6	10.2	8	4.05	1284	<2	117	0.02
	48.1	53	1.4	120	7.66	0.6	9.6	13	4.18	1332	<2	100	0.02
	47.5	63	1.1	102	8.09	0.6	8.5	10	4.5	1391	<2	104	0.02
	48	112	1	97	8.05	0.5	8.7	8	4.48	1312	<2	112	0.02
	49.4	68	1.7	101	8.25	0.6	8.3	8	4.65	1457	<2	110	0.02
	179	2635	2.2	2627	11.11	0.3	3.5	27	13.77	1397	<2	3005	0.02
	44.2	66	1.6	158	7.4	0.6	8.5	10	4.16	1321	<2	104	0.02
	46.3	69	1.5	101	7.51	0.6	8.5	8	4.19	1358	<2	100	0.02

43.6	64	1	194	7.36	0.6	8.4	11	4.26	1265 <2	106	0.01
46.5	69	0.9	106	7.71	0.6	8.6	10	4.3	1361 <2	108	0.01
45.9	77	1.2	78	7.93	0.6	8.5	11	4.6	1373 <2	108	0.02
47.2	75	0.9	77	7.04	0.4	8.6	7	4.28	1160 <2	101	0.02
46.1	62	1.4	102	7.63	0.5	8	9	4.42	1343 <2	108	0.02
46	68	1.3	149	7.68	0.6	8.5	12	4.46	1364 <2	109	0.02
46.2	72	1.5	108	7.62	0.6	7.8	8	4.36	1360 <2	116	0.02
46.6	67	1.6	117	7.73	0.6	7.9	8	4.42	1367 <2	117	0.02
46.6	76	1.6	93	7.72	0.6	7.9	8	4.56	1387 <2	111	0.02
46.9	71	1.4	83	7.72	0.6	8.1	10	4.63	1406 <2	111	0.02
45.9	80	1	86	7.64	0.6	7.8	8	4.55	1394 <2	109	0.02
44.1	75	0.7	93	7.48	0.7	7.7	8	4.46	1340 <2	106	0.02
45.3	85	1	78	7.61	0.8	7.7	10	4.89	1353 <2	119	0.02
48.9	58	0.6	37	6.57	0.4	8.1	13	3.38	1483 <2	90	0.02
52.4	97	1.6	68	7.45	0.7	7.9	10	4.01	1216 <2	108	0.01
41.6	80	0.8	89	6.96	0.5	7.1	6	3.8	1215 <2	101	0.01
42.7	81	0.6	71	7.05	0.5	7	9	3.8	1201 <2	104	0.01
2 <20		0.3 <5		0.69	0.4	7.3	8	7.96	628 <2	<10	0.01
44.8	92	0.6	74	7.48	0.5	7.3	7	4.19	1275 <2	110	0.01
35.5	77	0.2	15	7.49	0.3	9.2	16	4.45	1122 <2	119	0.01
38.6	132	0.6	62	9.14	0.4	10.7	15	5.32	1239 <2	165	0.03
27.9	75	0.6	46	5.49	0.4	16.4	10	3.04	811 <2	92	0.03
49.8	93	1.9	138	7.73	0.6	7.9	9	4.33	1234 <2	121	0.02
48	86	2.3	125	7.58	0.6	7.4	11	4.35	1280 <2	123	0.02
46.7	80	1.7	119	7.28	0.5	7.8	7	4.17	1222 <2	115	0.02
39.5	85	1.2	100	6.88	0.4	8	7	4.06	1069 <2	113	0.02
25.2	84	0.6	31	5.54	0.3	11.7	11	3.68	798 <2	98	0.02
317	2935	0.2	4149	15.44 <0.1		1.2 <5		13.19	927	3	13592 <0.01
45.1	42	1.2	112	7.29	1.3	9.7	13	4.03	1297 <2	136	0.01
<0.5	<20	<0.1	<5	0.01 <0.1	<0.1	<5	<0.01	<10	<2	<10	<0.01
47.3	87	1	87	7.74	0.6	8.3	8	4.61	1399 <2	111	0.02

26.1	71	0.7	23	5.6	0.3	11.4	13	3.67	800	<2	99	0.02
<0.5	<20	<0.1	<5	<0.01	<0.1	<0.1	<5	<0.01	<10	<2	<10	<0.01
5.1	111	5.8	412	4.53	1.1	153	78	0.08	917	1454	11	<0.01
27.7	49	5.2	9875	8.07	1.7	27.1	37	1.97	1062	<2	28	0.03
245	34	3	19952	15.43	1.7	24.1	19	1.35	671	10	27	0.04

GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	
Pb	S	Sb	Si	Sn	Sr	Te	Ti	V	W	Y	Yb	Zn	
ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
	2	1	1	0.1	50	10	1	0.01	5	5	0.5	0.1	5
	7 <1	<1		23.3 <50		171 <1		0.48	189 <5		16	1.7	82
	7 <1	<1		25.4 <50		166 <1		0.49	216 <5		17.4	1.7	88
	5 <1	<1		24.9 <50		163 <1		0.53	228 <5		18.4	1.9	96
	7 <1	<1		23.5 <50		169 <1		0.51	227 <5		17.8	1.8	89
	7 <1	<1		23.9 <50		172 <1		0.48	222 <5		17.2	1.8	89
	8 <1	<1		22.8 <50		167 <1		0.48	219 <5		16.9	1.7	87
	7 <1	<1		23.1 <50		161 <1		0.47	215 <5		16.7	1.8	86
	9 <1		1	21.6 <50		175 <1		0.37	176 <5		14.1	1.7	81
	7 <1	<1		20.1 <50		128 <1		0.43	207 <5		16	1.9	87
	6 <1	<1		5.8 <50		103 <1		0.06	10 <5		8.1	0.8	27
	8 <1	<1		19 <50		127 <1		0.4	189 <5		14.3	1.8	83
	4 <1	<1		19.7	69	108 <1		0.44	189 <5		15	1.9	78
	7 <1	<1		21.1 <50		153 <1		0.4	197 <5		14.7	1.9	80
	10 <1	<1		21.8 <50		241 <1		0.37	187 <5		13.6	1.7	58
	6 <1	<1		22.4 <50		152 <1		0.42	201 <5		15.4	1.7	74
	6 <1	<1		22.8 <50		147 <1		0.43	203 <5		15.4	1.8	81
	6 <1	<1		23.5 <50		157 <1		0.44	213 <5		15.4	1.6	80
	5 <1	<1		24.8 <50		159 <1		0.43	215 <5		16.2	1.8	74
	5 <1	<1		24.4 <50		160 <1		0.44	218 <5		15.8	1.6	83
	5 <1		3	17.1 <50		36 <1		0.32	117 <5		8.7	0.9	104
	5 <1	<1		24.3 <50		145 <1		0.41	198 <5		14.5	1.6	80
	6 <1	<1		22.3 <50		150 <1		0.4	199 <5		14.2	1.6	75

6 <1	<1		23.3 <50	126 <1		0.38	195 <5	13.8	1.4	73
6 <1	<1		23.4 <50	157 <1		0.42	207 <5	14.7	1.6	79
7 <1	<1		23.7 <50	153 <1		0.42	209 <5	14.7	1.6	83
6 <1	<1		24.5 <50	133 <1		0.4	195 <5	14.5	1.6	67
5 <1	<1		22.9 <50	152 <1		0.4	201 <5	14.4	1.6	78
6 <1	<1		23.5 <50	156 <1		0.42	204 <5	14.4	1.6	78
5 <1	<1		23.2 <50	154 <1		0.41	205 <5	14.5	1.5	80
6 <1	<1		23.6 <50	155 <1		0.41	205 <5	14.1	1.6	79
5 <1	<1		23.8 <50	153 <1		0.4	207 <5	14.5	1.6	80
5 <1	<1		23.7 <50	154 <1		0.41	204 <5	14.3	1.5	82
5 <1	<1		23.9 <50	153 <1		0.4	205 <5	14.2	1.5	77
6 <1	<1		23.4 <50	146 <1		0.39	201 <5	13.8	1.5	76
5 <1	<1		23.6 <50	127 <1		0.41	206 <5	14.3	1.5	79
8 <1	<1		20.1 <50	184 <1		0.28	160 <5	13.2	1.6	62
5 <1	<1		18 <50	136 <1		0.4	190 <5	13.4	1.6	74
5 <1	<1		18.3 <50	139 <1		0.34	186 <5	12.3	1.6	71
6 <1	<1		18.7 <50	146 <1		0.35	191 <5	12.5	1.4	69
6 <1	<1		5.5 <50	110 <1		0.06	10 <5	8.3	0.7	34
6 <1	<1		20.2 <50	161 <1		0.38	204 <5	13.4	1.5	69
3 <1	<1		19 <50	91 <1		0.37	203 <5	11.5	1.4	69
4 <1	<1		21.7 <50	115 <1		0.47	275 <5	18	1.6	93
7 <1	<1		22.6 <50	135 <1		0.33	157 <5	14.8	1.5	62
6 <1	<1		19.5 <50	187 <1		0.37	226 <5	15.6	1.5	84
6 <1	<1		19.4 <50	181 <1		0.37	223 <5	15.1	1.5	87
6 <1	<1		18.7 <50	185 <1		0.35	218 <5	14.4	1.4	82
6 <1	<1		18.4 <50	168 <1		0.35	214 <5	14.6	1.5	79
6 <1	<1		18.9 <50	115 <1		0.31	179 <5	16.4	1.7	60
15	6	2	10.8 <50	12	1	0.08	65 <5	3.6	0.4	99
9 <1	<1		19.1 <50	129 <1		0.41	191 <5	14.6	1.8	84
<2	<1	<1	<0.1 <50	<10 <1	<0.01	<5	<5	<0.5	<0.1	<5
5 <1	<1		24.2 <50	154 <1		0.4	208 <5	14.3	1.6	77

	6 <1	<1		19.1 <50		118 <1		0.3	179 <5		16.2	1.7	59
<2	<1	<1	<0.1	<50	<10	<1	<0.01	<5	<5	<0.5	<0.1		6
	2974 <1		7	22.7	503	16	5	0.02 <5		3485	222	29	5276
	196 <1		1	21.8 <50		29 <1		0.28	68	10	20.7	2.1	666
	2540	10	27	23.1 <50		108 <1		0.16	28 <5		22	1.8	11220

GE_CSA06V

S

%

0.005

0.101

0.086

0.071

0.084

0.066

0.052

0.04

0.129

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1.723

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0.066
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0.041
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7.223

0.052

<0.005

2.546

2.576

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2.541

0.007



ANALYSIS REPORT BBM21-10199

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	07-Jun-2021
Project	Shakespeare exploration	Date Analysed	11-Jun-2021 - 19-Aug-2021
Submission Number	*SD* Shakespeare/Exploration/ 50	Date Completed	30-Aug-2021
Rocks		SGS Order Number	BBM21-10199
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

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Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430601	3.58	14	50	118	<5	7.85
S00430602	3.60	<5	<10	8	<5	7.40
S00430603	3.05	<5	<10	13	<5	7.95
S00430604	3.63	<5	<10	7	<5	7.62
S00430605	3.63	<5	<10	<5	<5	7.53
S00430606	3.07	<5	<10	7	<5	7.16
S00430607	4.00	5	<10	<5	<5	7.31
S00430608	3.08	6	<10	7	<5	7.53
S00430609	3.47	6	30	13	<5	6.74
S00430610	0.41	<5	<10	<5	<5	0.88
S00430611	1.64	7	50	17	<5	6.35
S00430612	2.31	8	50	43	<5	6.32
S00430613	3.86	<5	30	25	<5	7.18
S00430614	3.78	<5	10	11	<5	7.69
S00430615	3.40	<5	10	8	<5	7.06
S00430616	3.69	<5	10	8	<5	7.23
S00430617	3.60	<5	10	12	<5	7.52
S00430618	3.65	<5	<10	12	<5	7.86
S00430619	3.35	<5	20	13	<5	7.73
S00430620	0.11	56	430	560	<5	2.87
S00430621	3.38	5	<10	8	<5	7.08
S00430622	3.78	<5	<10	8	<5	6.94
S00430623	3.76	5	10	8	<5	6.96
S00430624	3.55	<5	10	9	<5	7.49
S00430625	3.50	<5	<10	9	<5	7.71
S00430626	3.47	<5	<10	7	<5	7.31
S00430627	3.09	<5	<10	6	<5	7.35
S00430628	3.53	8	<10	6	<5	7.54
S00430629	1.53	<5	<10	8	<5	7.53

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Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430630	1.65	<5	<10	8	<5	7.64
S00430631	2.82	<5	<10	7	<5	7.73
S00430632	3.13	<5	<10	9	<5	7.92
S00430633	1.86	<5	<10	8	<5	7.84
S00430634	3.35	<5	<10	8	<5	7.81
S00430635	2.74	<5	<10	8	<5	7.58
S00430636	3.42	<5	<10	10	<5	8.42
S00430637	3.46	<5	10	37	<5	7.01
S00430638	3.57	<5	<10	10	<5	6.44
S00430639	3.44	<5	<10	9	<5	6.63
S00430640	0.92	5	<10	<5	<5	0.92
S00430641	1.63	<5	<10	8	<5	7.01
S00430642	3.20	<5	<10	7	<5	6.72
S00430643	3.14	<5	<10	5	<5	7.62
S00430644	1.25	<5	<10	5	<5	8.74
S00430645	3.63	6	<10	7	<5	7.11
S00430646	3.45	<5	<10	14	<5	7.27
S00430647	3.52	<5	<10	9	<5	7.10
S00430648	2.84	<5	<10	8	<5	6.97
S00430649	2.09	<5	<10	8	<5	7.51
S00430650	0.11	38	560	945	<5	1.37
*Rep S00430611	-	-	-	-	<5	6.47
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00430633	-	-	-	-	<5	7.94
*Std OREAS 681	-	50	510	230	-	-
*Std OREAS 45f	-	18	30	53	-	-
*Rep S00430639	-	<5	<10	8	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-

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Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00430649	-	-	-	-	<5	7.63
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	5.55
*Std OREAS 927	-	-	-	-	<5	6.13
*Std OREAS 623	-	-	-	-	17	5.77
*Std OREAS 681	-	53	530	247	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	55	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430617	-	<5	10	11	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430601	7	141	<1	0.2	6.2	<0.2
S00430602	18	119	<1	0.1	7.0	<0.2
S00430603	6	240	<1	<0.1	6.9	<0.2
S00430604	4	182	<1	<0.1	7.1	<0.2
S00430605	11	163	<1	0.1	6.9	<0.2
S00430606	6	150	<1	0.1	6.6	<0.2
S00430607	7	163	<1	0.1	6.3	<0.2
S00430608	7	93	<1	0.2	6.6	<0.2
S00430609	3	202	<1	0.1	5.4	<0.2
S00430610	<3	124	<1	<0.1	14.7	<0.2
S00430611	<3	301	<1	0.1	4.9	<0.2
S00430612	5	237	<1	0.1	5.0	<0.2

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430613	6	129	<1	<0.1	5.9	<0.2
S00430614	6	48	<1	0.1	7.9	<0.2
S00430615	6	140	<1	0.1	6.1	<0.2
S00430616	10	137	<1	<0.1	6.3	<0.2
S00430617	6	114	<1	<0.1	6.6	<0.2
S00430618	9	90	<1	<0.1	6.5	<0.2
S00430619	5	132	<1	<0.1	6.8	<0.2
S00430620	199	87	<1	0.1	2.9	<0.2
S00430621	4	145	<1	<0.1	6.2	<0.2
S00430622	9	129	<1	<0.1	6.7	<0.2
S00430623	5	117	<1	<0.1	6.5	<0.2
S00430624	7	140	<1	<0.1	6.6	<0.2
S00430625	<3	120	<1	<0.1	6.5	<0.2
S00430626	15	62	<1	<0.1	5.7	<0.2
S00430627	6	114	<1	<0.1	6.3	<0.2
S00430628	5	133	<1	<0.1	6.7	<0.2
S00430629	<3	121	<1	<0.1	6.7	<0.2
S00430630	3	121	<1	<0.1	6.7	<0.2
S00430631	<3	128	<1	<0.1	6.7	<0.2
S00430632	<3	129	<1	<0.1	6.7	<0.2
S00430633	<3	117	<1	<0.1	6.8	<0.2
S00430634	5	171	<1	<0.1	6.5	<0.2
S00430635	5	178	<1	<0.1	5.9	<0.2
S00430636	19	57	<1	<0.1	9.5	<0.2
S00430637	14	164	<1	<0.1	5.4	<0.2
S00430638	4	128	<1	<0.1	5.9	<0.2
S00430639	7	116	<1	<0.1	6.0	<0.2
S00430640	<3	95	<1	<0.1	15.8	<0.2
S00430641	10	100	<1	<0.1	6.7	<0.2

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430642	3	65	<1	<0.1	5.0	<0.2
S00430643	<3	71	2	<0.1	5.4	<0.2
S00430644	5	68	1	<0.1	4.1	<0.2
S00430645	5	128	<1	<0.1	6.5	<0.2
S00430646	4	137	<1	<0.1	6.7	<0.2
S00430647	6	120	<1	<0.1	6.4	<0.2
S00430648	3	103	<1	<0.1	5.8	<0.2
S00430649	<3	81	1	<0.1	4.1	<0.2
S00430650	<3	21	<1	0.5	0.8	0.5
*Rep S00430611	<3	288	<1	<0.1	5.0	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430633	<3	123	<1	<0.1	6.8	<0.2
*Rep S00430649	<3	81	2	<0.1	4.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std MP-2a	4275	10	1	>1000	2.5	11.9
*Std OREAS 927	13	305	2	50.2	0.4	0.8
*Std OREAS 623	79	1613	2	17.5	1.7	52.4

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430601	47.7	59	0.9	219	7.87	0.6
S00430602	51.6	48	0.7	209	8.04	0.5
S00430603	49.9	56	1.8	160	8.72	1.0
S00430604	48.2	64	1.2	171	8.42	0.8
S00430605	48.1	56	2.0	148	8.40	0.7

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430606	44.4	48	2.1	168	8.18	0.7
S00430607	45.2	56	2.1	163	8.17	0.7
S00430608	45.9	34	0.6	299	7.35	0.4
S00430609	48.0	50	1.7	119	8.13	0.8
S00430610	2.3	<20	0.3	23	0.61	0.5
S00430611	44.1	44	1.2	122	7.31	1.2
S00430612	46.4	47	0.6	95	7.90	1.0
S00430613	41.1	45	1.7	107	7.61	0.6
S00430614	33.5	44	0.7	49	6.92	0.3
S00430615	42.7	53	1.5	88	7.54	0.6
S00430616	48.1	53	1.4	120	7.66	0.6
S00430617	47.5	63	1.1	102	8.09	0.6
S00430618	48.0	112	1.0	97	8.05	0.5
S00430619	49.4	68	1.7	101	8.25	0.6
S00430620	179	2635	2.2	2627	11.11	0.3
S00430621	44.2	66	1.6	158	7.40	0.6
S00430622	46.3	69	1.5	101	7.51	0.6
S00430623	43.6	64	1.0	194	7.36	0.6
S00430624	46.5	69	0.9	106	7.71	0.6
S00430625	45.9	77	1.2	78	7.93	0.6
S00430626	47.2	75	0.9	77	7.04	0.4
S00430627	46.1	62	1.4	102	7.63	0.5
S00430628	46.0	68	1.3	149	7.68	0.6
S00430629	46.2	72	1.5	108	7.62	0.6
S00430630	46.6	67	1.6	117	7.73	0.6
S00430631	46.6	76	1.6	93	7.72	0.6
S00430632	46.9	71	1.4	83	7.72	0.6
S00430633	45.9	80	1.0	86	7.64	0.6
S00430634	44.1	75	0.7	93	7.48	0.7

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430635	45.3	85	1.0	78	7.61	0.8
S00430636	48.9	58	0.6	37	6.57	0.4
S00430637	52.4	97	1.6	68	7.45	0.7
S00430638	41.6	80	0.8	89	6.96	0.5
S00430639	42.7	81	0.6	71	7.05	0.5
S00430640	2.0	<20	0.3	<5	0.69	0.4
S00430641	44.8	92	0.6	74	7.48	0.5
S00430642	35.5	77	0.2	15	7.49	0.3
S00430643	38.6	132	0.6	62	9.14	0.4
S00430644	27.9	75	0.6	46	5.49	0.4
S00430645	49.8	93	1.9	138	7.73	0.6
S00430646	48.0	86	2.3	125	7.58	0.6
S00430647	46.7	80	1.7	119	7.28	0.5
S00430648	39.5	85	1.2	100	6.88	0.4
S00430649	25.2	84	0.6	31	5.54	0.3
S00430650	317	2935	0.2	4149	15.44	<0.1
*Rep S00430611	45.1	42	1.2	112	7.29	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00430633	47.3	87	1.0	87	7.74	0.6
*Rep S00430649	26.1	71	0.7	23	5.60	0.3
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.1	111	5.8	412	4.53	1.1
*Std OREAS 927	27.7	49	5.2	9875	8.07	1.7
*Std OREAS 623	245	34	3.0	19952	15.43	1.7

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430601	11.5	19	3.83	1307	<2	135
S00430602	10.0	12	3.81	1418	<2	92
S00430603	10.6	11	4.10	1521	<2	108
S00430604	11.2	9	4.03	1465	<2	110
S00430605	10.9	9	3.89	1435	<2	107
S00430606	11.0	10	3.91	1405	<2	106
S00430607	10.3	11	3.91	1370	<2	112
S00430608	10.5	10	3.38	1264	<2	130
S00430609	10.8	14	4.06	1367	<2	142
S00430610	10.9	8	7.62	542	<2	14
S00430611	10.2	15	3.67	1287	<2	136
S00430612	9.7	21	4.16	1291	<2	126
S00430613	10.1	13	3.69	1266	<2	101
S00430614	9.6	<5	3.09	1219	<2	77
S00430615	10.2	8	4.05	1284	<2	117
S00430616	9.6	13	4.18	1332	<2	100
S00430617	8.5	10	4.50	1391	<2	104
S00430618	8.7	8	4.48	1312	<2	112
S00430619	8.3	8	4.65	1457	<2	110
S00430620	3.5	27	13.77	1397	<2	3005
S00430621	8.5	10	4.16	1321	<2	104
S00430622	8.5	8	4.19	1358	<2	100
S00430623	8.4	11	4.26	1265	<2	106
S00430624	8.6	10	4.30	1361	<2	108
S00430625	8.5	11	4.60	1373	<2	108
S00430626	8.6	7	4.28	1160	<2	101
S00430627	8.0	9	4.42	1343	<2	108
S00430628	8.5	12	4.46	1364	<2	109
S00430629	7.8	8	4.36	1360	<2	116

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430630	7.9	8	4.42	1367	<2	117
S00430631	7.9	8	4.56	1387	<2	111
S00430632	8.1	10	4.63	1406	<2	111
S00430633	7.8	8	4.55	1394	<2	109
S00430634	7.7	8	4.46	1340	<2	106
S00430635	7.7	10	4.89	1353	<2	119
S00430636	8.1	13	3.38	1483	<2	90
S00430637	7.9	10	4.01	1216	<2	108
S00430638	7.1	6	3.80	1215	<2	101
S00430639	7.0	9	3.80	1201	<2	104
S00430640	7.3	8	7.96	628	<2	<10
S00430641	7.3	7	4.19	1275	<2	110
S00430642	9.2	16	4.45	1122	<2	119
S00430643	10.7	15	5.32	1239	<2	165
S00430644	16.4	10	3.04	811	<2	92
S00430645	7.9	9	4.33	1234	<2	121
S00430646	7.4	11	4.35	1280	<2	123
S00430647	7.8	7	4.17	1222	<2	115
S00430648	8.0	7	4.06	1069	<2	113
S00430649	11.7	11	3.68	798	<2	98
S00430650	1.2	<5	13.19	927	3	13592
*Rep S00430611	9.7	13	4.03	1297	<2	136
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00430633	8.3	8	4.61	1399	<2	111
*Rep S00430649	11.4	13	3.67	800	<2	99
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	153	78	0.08	917	1454	11
*Std OREAS 927	27.1	37	1.97	1062	<2	28
*Std OREAS 623	24.1	19	1.35	671	10	27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rocks
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element Method	P GE_IMS90A50	Pb GE_IMS90A50	S GE_IMS90A50	Sb GE_IMS90A50	Si GE_IMS90A50	Sn GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430601	0.02	7	<1	<1	23.3	<50
S00430602	0.02	7	<1	<1	25.4	<50
S00430603	0.03	5	<1	<1	24.9	<50
S00430604	0.02	7	<1	<1	23.5	<50
S00430605	0.02	7	<1	<1	23.9	<50
S00430606	0.02	8	<1	<1	22.8	<50
S00430607	0.02	7	<1	<1	23.1	<50
S00430608	0.02	9	<1	1	21.6	<50
S00430609	0.02	7	<1	<1	20.1	<50
S00430610	0.01	6	<1	<1	5.8	<50
S00430611	0.01	8	<1	<1	19.0	<50
S00430612	0.02	4	<1	<1	19.7	69
S00430613	0.02	7	<1	<1	21.1	<50
S00430614	0.01	10	<1	<1	21.8	<50
S00430615	0.02	6	<1	<1	22.4	<50
S00430616	0.02	6	<1	<1	22.8	<50
S00430617	0.02	6	<1	<1	23.5	<50
S00430618	0.02	5	<1	<1	24.8	<50
S00430619	0.02	5	<1	<1	24.4	<50
S00430620	0.02	5	<1	3	17.1	<50
S00430621	0.02	5	<1	<1	24.3	<50
S00430622	0.02	6	<1	<1	22.3	<50
S00430623	0.01	6	<1	<1	23.3	<50
S00430624	0.01	6	<1	<1	23.4	<50
S00430625	0.02	7	<1	<1	23.7	<50
S00430626	0.02	6	<1	<1	24.5	<50
S00430627	0.02	5	<1	<1	22.9	<50
S00430628	0.02	6	<1	<1	23.5	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430629	0.02	5	<1	<1	23.2	<50
S00430630	0.02	6	<1	<1	23.6	<50
S00430631	0.02	5	<1	<1	23.8	<50
S00430632	0.02	5	<1	<1	23.7	<50
S00430633	0.02	5	<1	<1	23.9	<50
S00430634	0.02	6	<1	<1	23.4	<50
S00430635	0.02	5	<1	<1	23.6	<50
S00430636	0.02	8	<1	<1	20.1	<50
S00430637	0.01	5	<1	<1	18.0	<50
S00430638	0.01	5	<1	<1	18.3	<50
S00430639	0.01	6	<1	<1	18.7	<50
S00430640	0.01	6	<1	<1	5.5	<50
S00430641	0.01	6	<1	<1	20.2	<50
S00430642	0.01	3	<1	<1	19.0	<50
S00430643	0.03	4	<1	<1	21.7	<50
S00430644	0.03	7	<1	<1	22.6	<50
S00430645	0.02	6	<1	<1	19.5	<50
S00430646	0.02	6	<1	<1	19.4	<50
S00430647	0.02	6	<1	<1	18.7	<50
S00430648	0.02	6	<1	<1	18.4	<50
S00430649	0.02	6	<1	<1	18.9	<50
S00430650	<0.01	15	6	2	10.8	<50
*Rep S00430611	0.01	9	<1	<1	19.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00430633	0.02	5	<1	<1	24.2	<50
*Rep S00430649	0.02	6	<1	<1	19.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	<0.01	2974	<1	7	22.7	503
*Std OREAS 927	0.03	196	<1	1	21.8	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rocks
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Std OREAS 623	0.04	2540	10	27	23.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430601	171	<1	0.48	189	<5	16.0
S00430602	166	<1	0.49	216	<5	17.4
S00430603	163	<1	0.53	228	<5	18.4
S00430604	169	<1	0.51	227	<5	17.8
S00430605	172	<1	0.48	222	<5	17.2
S00430606	167	<1	0.48	219	<5	16.9
S00430607	161	<1	0.47	215	<5	16.7
S00430608	175	<1	0.37	176	<5	14.1
S00430609	128	<1	0.43	207	<5	16.0
S00430610	103	<1	0.06	10	<5	8.1
S00430611	127	<1	0.40	189	<5	14.3
S00430612	108	<1	0.44	189	<5	15.0
S00430613	153	<1	0.40	197	<5	14.7
S00430614	241	<1	0.37	187	<5	13.6
S00430615	152	<1	0.42	201	<5	15.4
S00430616	147	<1	0.43	203	<5	15.4
S00430617	157	<1	0.44	213	<5	15.4
S00430618	159	<1	0.43	215	<5	16.2
S00430619	160	<1	0.44	218	<5	15.8
S00430620	36	<1	0.32	117	<5	8.7
S00430621	145	<1	0.41	198	<5	14.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430622	150	<1	0.40	199	<5	14.2
S00430623	126	<1	0.38	195	<5	13.8
S00430624	157	<1	0.42	207	<5	14.7
S00430625	153	<1	0.42	209	<5	14.7
S00430626	133	<1	0.40	195	<5	14.5
S00430627	152	<1	0.40	201	<5	14.4
S00430628	156	<1	0.42	204	<5	14.4
S00430629	154	<1	0.41	205	<5	14.5
S00430630	155	<1	0.41	205	<5	14.1
S00430631	153	<1	0.40	207	<5	14.5
S00430632	154	<1	0.41	204	<5	14.3
S00430633	153	<1	0.40	205	<5	14.2
S00430634	146	<1	0.39	201	<5	13.8
S00430635	127	<1	0.41	206	<5	14.3
S00430636	184	<1	0.28	160	<5	13.2
S00430637	136	<1	0.40	190	<5	13.4
S00430638	139	<1	0.34	186	<5	12.3
S00430639	146	<1	0.35	191	<5	12.5
S00430640	110	<1	0.06	10	<5	8.3
S00430641	161	<1	0.38	204	<5	13.4
S00430642	91	<1	0.37	203	<5	11.5
S00430643	115	<1	0.47	275	<5	18.0
S00430644	135	<1	0.33	157	<5	14.8
S00430645	187	<1	0.37	226	<5	15.6
S00430646	181	<1	0.37	223	<5	15.1
S00430647	185	<1	0.35	218	<5	14.4
S00430648	168	<1	0.35	214	<5	14.6
S00430649	115	<1	0.31	179	<5	16.4
S00430650	12	1	0.08	65	<5	3.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00430611	129	<1	0.41	191	<5	14.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430633	154	<1	0.40	208	<5	14.3
*Rep S00430649	118	<1	0.30	179	<5	16.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	16	5	0.02	<5	3485	222
*Std OREAS 927	29	<1	0.28	68	10	20.7
*Std OREAS 623	108	<1	0.16	28	<5	22.0

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430601	1.7	82	0.101
S00430602	1.7	88	0.086
S00430603	1.9	96	0.071
S00430604	1.8	89	0.084
S00430605	1.8	89	0.066
S00430606	1.7	87	0.052
S00430607	1.8	86	0.040
S00430608	1.7	81	0.129
S00430609	1.9	87	0.043
S00430610	0.8	27	0.045
S00430611	1.8	83	0.061
S00430612	1.9	78	0.075
S00430613	1.9	80	0.028
S00430614	1.7	58	0.012
S00430615	1.7	74	0.027

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430616	1.8	81	0.063
S00430617	1.6	80	0.032
S00430618	1.8	74	0.033
S00430619	1.6	83	0.041
S00430620	0.9	104	1.723
S00430621	1.6	80	0.034
S00430622	1.6	75	0.020
S00430623	1.4	73	0.066
S004306 4	1.6	79	0.042
S00430625	1.6	83	0.029
S00430626	1.6	67	0.023
S00430627	1.6	78	0.039
S00430628	1.6	78	0.049
S004306 9	1.5	80	0.047
S00430630	1.6	79	0.059
S00430631	1.6	80	0.041
S00430632	1.5	82	0.030
S00430633	1.5	77	0.035
S00430634	1.5	76	0.024
S00430635	1.5	79	0.036
S00430636	1.6	62	0.046
S00430637	1.6	74	0.038
S00430638	1.6	71	0.017
S00430639	1.4	69	0.024
S00430640	0.7	34	0.034
S00430641	1.5	69	0.030
S00430642	1.4	69	0.024
S00430643	1.6	93	0.017
S00430644	1.5	62	0.013
S00430645	1.5	84	0.050

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10199

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430646	1.5	87	0.029
S00430647	1.4	82	0.044
S00430648	1.5	79	0.037
S00430649	1.7	60	0.023
S00430650	0.4	99	7.223
*Rep S00430611	1.8	84	-
*Blk BLANK	<0.1	<5	-
*Rep S00430633	1.6	77	-
*Rep S00430649	1.7	59	-
*Blk BLANK	<0.1	6	-
*Std MP-2a	29.0	5276	-
*Std OREAS 927	2.1	666	-
*Std OREAS 623	1.8	11220	-
*Rep S00430605	-	-	0.052
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.546
*Std GS314-2	-	-	2.576
*Rep S00430646	-	-	0.031
*Blk BLANK	-	-	0.008
*Std GS314-2	-	-	2.541
*Blk BLANK	-	-	0.007

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10202

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	07-Jun-2021
Project	Shakespeare exploration	Date Analysed	11-Jun-2021 - 12-Aug-2021
Submission Number	*SD* Shakespeare/Exploration/ 50	Date Completed	12-Aug-2021
Rocks		SGS Order Number	BBM21-10202
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430651	3.50	<5	10	11	<5	6.65
S00430652	3.64	<5	<10	13	<5	6.91
S00430653	3.93	<5	<10	9	<5	6.84
S00430654	3.51	<5	<10	8	<5	6.82
S00430655	3.40	<5	<10	9	<5	7.07
S00430656	3.45	<5	<10	13	<5	7.01
S00430657	3.39	<5	<10	8	<5	6.36
S00430658	3.38	<5	<10	20	<5	6.84
S00430659	3.70	<5	<10	8	<5	6.88
S00430660	0.88	<5	<10	<5	<5	0.92
S00430661	3.56	<5	<10	11	<5	6.92
S00430662	3.54	<5	<10	7	<5	7.05
S00430663	3.53	<5	<10	6	<5	6.67
S00430664	3.37	<5	<10	7	<5	7.00
S00430665	3.59	<5	<10	6	<5	7.08
S00430666	3.30	<5	<10	9	<5	7.15
S00430667	3.51	<5	<10	7	<5	7.07
S00430668	3.58	<5	<10	7	<5	7.08
S00430669	3.56	<5	<10	6	<5	7.13
S00430670	0.11	65	440	534	<5	2.63
S00430671	3.28	<5	<10	6	<5	7.32
S00430672	3.56	<5	<10	7	<5	7.32
S00430673	3.65	<5	<10	7	<5	7.23
S00430674	2.81	<5	<10	8	<5	7.09
S00430675	2.15	<5	<10	6	<5	6.28
S00430676	2.23	<5	<10	<5	<5	9.81
S00430677	3.35	<5	<10	9	<5	10.43
S00430678	3.16	<5	10	21	<5	9.49
S00430679	1.45	<5	<10	10	<5	8.64

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430680	1.34	<5	<10	9	<5	8.03
S00430681	2.13	<5	<10	7	<5	8.18
S00430682	2.62	<5	<10	6	<5	7.30
S00430683	3.38	<5	<10	7	<5	7.37
S00430684	3.44	<5	<10	7	<5	7.65
S00430685	2.64	5	<10	8	<5	7.62
S00430686	3.41	<5	<10	9	<5	7.78
S00430687	1.58	<5	<10	10	<5	8.66
S00430688	3.27	<5	<10	7	<5	7.67
S00430689	3.48	<5	<10	8	<5	7.06
S00430690	0.97	7	<10	<5	<5	0.90
S00430691	3.48	<5	<10	7	<5	7.01
S00430692	3.41	<5	<10	6	<5	7.07
S00430693	3.18	<5	<10	6	<5	7.09
S00430694	3.14	<5	<10	6	<5	7.28
S00430695	1.61	5	<10	<5	<5	6.74
S00430696	1.59	<5	<10	<5	<5	6.22
S00430697	1.38	<5	<10	<5	<5	7.62
S00430698	1.92	6	<10	9	<5	7.56
S00430699	3.43	12	20	23	<5	6.76
S00430700	0.11	41	580	1000	<5	1.32
*Dup S00430691	-	<5	<10	7	<5	7.07
*Std OREAS 681	-	51	540	254	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45h	-	43	100	142	-	-
*Std OREAS 45f	-	19	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	5.55

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Std OREAS 927	-	-	-	-	<5	6.13
*Rep S00430680	-	-	-	-	<5	7.96
*Std OREAS 623	-	-	-	-	17	5.77
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00430690	-	-	-	-	<5	0.93
*Std MP-2a	-	-	-	-	<5	5.76
*Std OREAS 927	-	-	-	-	<5	6.11
*Std OREAS 623	-	-	-	-	19	5.02
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 681	-	50	510	230	-	-
*Std OREAS 45f	-	18	30	53	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430675	-	<5	<10	6	-	-
*Rep S00430685	-	5	<10	8	-	-

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00430651	<3	114	<1	<0.1	5.6	<0.2
S00430652	<3	132	<1	<0.1	6.2	<0.2
S00430653	<3	129	<1	<0.1	6.2	<0.2
S00430654	<3	141	<1	<0.1	6.2	<0.2
S00430655	5	125	<1	<0.1	6.0	<0.2
S00430656	12	133	<1	<0.1	5.9	<0.2
S00430657	4	154	<1	<0.1	6.0	<0.2

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Order Number Exploration
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430658	<3	128	<1	<0.1	6.1	<0.2
S00430659	5	108	<1	<0.1	6.3	<0.2
S00430660	<3	66	<1	<0.1	15.1	0.3
S00430661	3	97	<1	<0.1	5.8	<0.2
S00430662	7	120	<1	<0.1	5.8	<0.2
S00430663	9	149	<1	<0.1	6.1	<0.2
S00430664	<3	142	<1	<0.1	6.2	<0.2
S00430665	4	130	<1	<0.1	6.2	<0.2
S00430666	5	108	<1	<0.1	5.9	<0.2
S00430667	5	106	<1	0.6	6.2	<0.2
S00430668	<3	88	<1	<0.1	5.9	<0.2
S00430669	5	88	<1	<0.1	6.5	<0.2
S00430670	142	102	<1	0.2	2.7	<0.2
S00430671	4	106	<1	<0.1	6.4	<0.2
S00430672	<3	138	<1	<0.1	6.6	<0.2
S00430673	7	121	<1	<0.1	6.6	<0.2
S00430674	5	105	1	<0.1	5.3	<0.2
S00430675	<3	171	1	<0.1	3.3	<0.2
S00430676	<3	226	2	<0.1	1.6	<0.2
S00430677	<3	419	1	<0.1	1.9	<0.2
S00430678	<3	425	<1	<0.1	1.7	<0.2
S00430679	<3	253	<1	<0.1	6.5	<0.2
S00430680	<3	216	<1	<0.1	7.1	<0.2
S00430681	<3	309	1	<0.1	4.6	<0.2
S00430682	<3	220	1	<0.1	3.2	<0.2
S00430683	10	149	<1	0.1	5.9	<0.2
S00430684	7	113	2	0.2	5.4	<0.2
S00430685	10	111	<1	<0.1	6.9	<0.2
S00430686	10	200	<1	<0.1	6.1	<0.2

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430687	<3	421	<1	<0.1	6.1	<0.2
S00430688	4	224	<1	<0.1	6.9	<0.2
S00430689	4	111	<1	<0.1	6.9	<0.2
S00430690	<3	87	<1	<0.1	18.4	<0.2
S00430691	8	88	<1	<0.1	7.4	<0.2
S00430692	6	129	<1	<0.1	6.4	<0.2
S00430693	5	99	<1	<0.1	6.3	<0.2
S00430694	5	117	<1	0.1	6.1	<0.2
S00430695	<3	216	<1	0.3	5.8	<0.2
S00430696	<3	242	1	0.1	4.9	<0.2
S00430697	<3	112	1	<0.1	3.2	<0.2
S00430698	<3	128	1	0.1	6.0	<0.2
S00430699	3	174	1	0.1	5.2	<0.2
S00430700	4	13	<1	0.5	1.0	0.6
*Dup S00430691	10	101	<1	<0.1	7.5	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std MP-2a	4275	10	1	>1000	2.5	11.9
*Std OREAS 927	13	305	2	50.2	0.4	0.8
*Rep S00430680	<3	275	<1	<0.1	7.0	<0.2
*Std OREAS 623	79	1613	2	17.5	1.7	52.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430690	<3	84	<1	<0.1	18.3	<0.2
*Std MP-2a	5804	<10	1	>1000	3.1	13.4
*Std OREAS 927	16	289	2	67.1	0.5	1.0
*Std OREAS 623	75	1444	1	15.3	1.4	52.6
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430651	40.3	105	1.5	89	6.63	0.4
S00430652	42.8	86	1.6	104	6.74	0.5
S00430653	43.3	82	1.4	103	6.71	0.5
S00430654	43.6	85	1.6	99	6.84	0.5
S00430655	40.4	78	1.5	87	6.65	0.5
S00430656	42.9	95	0.9	93	6.87	0.5
S00430657	41.8	85	1.1	105	6.40	0.6
S00430658	42.5	97	1.4	114	6.57	0.5
S00430659	43.1	93	1.4	100	6.55	0.5
S00430660	2.4	<20	0.4	26	0.72	0.4
S00430661	40.6	84	1.1	114	6.32	0.4
S00430662	40.7	93	1.0	71	6.42	0.5
S00430663	43.7	100	1.2	106	6.45	0.6
S00430664	41.6	99	1.6	112	6.55	0.6
S00430665	42.2	88	1.6	98	6.49	0.5
S00430666	40.3	100	1.5	89	6.71	0.4
S00430667	42.3	85	1.6	88	6.66	0.4
S00430668	41.7	95	1.3	75	6.98	0.4
S00430669	43.1	98	1.4	111	6.67	0.4
S00430670	173	2292	2.2	2627	10.34	0.2
S00430671	41.1	98	1.2	73	6.84	0.4
S00430672	42.6	92	2.1	97	6.59	0.5
S00430673	43.8	97	2.0	103	6.50	0.6
S00430674	36.6	92	2.5	68	6.47	0.7
S00430675	27.8	77	5.5	40	6.21	1.3
S00430676	14.7	95	4.4	22	3.76	1.4
S00430677	50.5	291	13.8	39	12.88	4.2
S00430678	37.4	195	16.5	27	8.39	3.5
S00430679	44.5	49	10.8	25	8.37	2.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Rock
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430680	39.6	52	10.5	27	7.71	2.1
S00430681	38.2	37	10.7	55	7.25	2.1
S00430682	23.1	43	9.7	54	5.98	1.8
S00430683	46.2	46	4.3	125	7.73	1.1
S00430684	38.5	50	2.0	115	7.89	0.7
S00430685	41.8	51	1.4	181	7.63	0.8
S00430686	44.0	58	2.2	89	7.19	0.9
S00430687	43.3	40	4.0	37	8.36	1.8
S00430688	44.9	66	3.9	102	7.73	1.6
S00430689	46.0	55	2.3	104	7.64	0.8
S00430690	2.2	<20	0.4	19	0.64	0.5
S00430691	42.3	49	1.2	43	6.67	0.5
S00430692	45.8	42	2.0	66	7.75	0.8
S00430693	44.6	21	1.7	103	7.96	0.6
S00430694	44.0	20	3.4	123	7.92	0.8
S00430695	55.4	<20	8.4	510	9.34	1.6
S00430696	42.1	<20	9.7	275	8.80	1.6
S00430697	17.2	75	2.6	42	4.57	0.9
S00430698	27.4	<20	2.3	76	6.74	0.8
S00430699	51.0	<20	3.8	353	9.37	1.0
S00430700	312	3330	0.2	4182	15.30	<0.1
*Dup S00430691	42.3	53	1.2	43	6.55	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.1	111	5.8	412	4.53	1.1
*Std OREAS 927	27.7	49	5.2	9875	8.07	1.7
*Rep S00430680	39.8	50	10.5	20	7.66	2.1
*Std OREAS 623	245	34	3.0	19952	15.43	1.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00430690	2.4	<20	0.6	18	0.67	0.5

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std MP-2a	5.5	138	6.0	443	4.83	1.3
*Std OREAS 927	28.5	64	5.3	11065	8.11	2.0
*Std OREAS 623	218	27	2.9	17904	12.96	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430651	7.9	8	4.01	1043	<2	146
S00430652	7.7	14	3.94	1169	<2	113
S00430653	7.3	14	4.04	1177	<2	109
S00430654	7.5	8	4.23	1157	<2	114
S00430655	7.5	10	4.09	1047	<2	119
S00430656	7.4	9	4.03	1089	<2	117
S00430657	7.0	10	3.92	1094	<2	112
S00430658	7.1	8	4.06	1118	<2	139
S00430659	6.3	13	3.96	1106	<2	113
S00430660	5.5	10	7.71	568	<2	<10
S00430661	7.1	9	4.12	1037	<2	113
S00430662	7.6	10	4.01	1037	<2	113
S00430663	7.3	8	4.08	1096	<2	118
S00430664	7.4	8	4.01	1142	<2	122
S00430665	7.3	9	4.08	1105	<2	113
S00430666	7.4	11	4.34	1056	<2	119
S00430667	6.9	7	4.14	1113	<2	112
S00430668	7.2	10	4.36	1070	<2	122

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430669	6.7	9	4.06	1116	<2	116
S00430670	3.8	25	12.25	1238	<2	3353
S00430671	7.5	8	4.31	1140	<2	119
S00430672	7.4	8	4.17	1160	<2	115
S00430673	7.4	12	4.14	1117	<2	115
S00430674	8.5	12	4.25	982	<2	120
S00430675	11.3	24	4.12	838	<2	112
S00430676	19.6	26	2.17	419	2	63
S00430677	11.1	38	5.16	1091	<2	316
S00430678	13.6	33	4.90	764	<2	166
S00430679	9.5	38	4.69	1236	<2	137
S00430680	7.3	36	4.32	1265	<2	128
S00430681	8.8	31	4.08	1002	<2	109
S00430682	8.5	20	3.44	880	<2	87
S00430683	9.1	14	3.97	1158	<2	101
S00430684	8.9	13	4.19	1077	<2	116
S00430685	7.5	12	4.07	1109	<2	103
S00430686	8.5	14	4.26	1148	<2	109
S00430687	13.8	35	3.75	1185	<2	110
S00430688	6.0	22	3.96	1188	<2	113
S00430689	8.9	13	3.94	1360	<2	89
S00430690	7.5	10	8.46	641	<2	<10
S00430691	8.9	7	4.34	1296	<2	102
S00430692	8.4	11	3.79	1378	<2	93
S00430693	12.9	9	3.57	1312	<2	78
S00430694	11.7	10	3.36	1175	<2	75
S00430695	23.5	13	2.32	983	<2	47
S00430696	21.9	16	2.05	1013	<2	43
S00430697	14.6	10	2.64	681	<2	63

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430698	21.8	17	3.58	1042	2	78
S00430699	22.5	11	2.21	1308	<2	42
S00430700	1.2	<5	14.20	1004	4	14046
*Dup S00430691	10.0	8	4.43	1286	<2	101
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	153	78	0.08	917	1454	11
*Std OREAS 927	27.1	37	1.97	1062	<2	28
*Rep S00430680	9.8	34	4.24	1232	<2	135
*Std OREAS 623	24.1	19	1.35	671	10	27
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00430690	7.3	12	8.90	653	<2	<10
*Std MP-2a	168	87	0.09	1077	1626	10
*Std OREAS 927	35.0	35	2.14	1198	<2	29
*Std OREAS 623	24.7	16	1.28	630	8	16
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430651	0.02	6	<1	<1	17.3	<50
S00430652	0.02	5	<1	<1	17.6	<50
S00430653	0.02	5	<1	<1	17.4	<50
S00430654	0.01	5	<1	<1	17.5	<50
S00430655	0.02	6	<1	<1	17.7	<50
S00430656	0.02	6	<1	<1	17.6	<50
S00430657	0.01	6	<1	<1	16.6	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430658	0.01	6	<1	<1	17.1	<50
S00430659	0.01	5	<1	<1	17.4	<50
S00430660	0.01	5	<1	<1	5.1	<50
S00430661	0.01	5	<1	<1	16.4	<50
S00430662	0.02	6	<1	<1	17.1	<50
S00430663	0.01	6	<1	<1	16.9	<50
S00430664	0.01	6	<1	<1	17.6	<50
S00430665	0.01	6	<1	<1	17.5	<50
S00430666	0.01	6	<1	<1	17.8	<50
S00430667	0.01	8	<1	<1	17.7	<50
S00430668	0.01	6	<1	<1	18.0	<50
S00430669	0.02	7	<1	<1	17.9	<50
S00430670	0.02	6	<1	3	13.2	<50
S00430671	0.02	7	<1	<1	18.8	<50
S00430672	0.02	7	<1	<1	18.1	<50
S00430673	0.02	7	<1	<1	18.2	<50
S00430674	0.02	7	<1	<1	17.4	<50
S00430675	0.01	7	<1	<1	19.2	<50
S00430676	0.02	7	<1	<1	19.8	<50
S00430677	0.03	7	<1	<1	24.5	<50
S00430678	0.02	5	<1	<1	17.7	<50
S00430679	0.02	5	<1	<1	13.6	<50
S00430680	0.01	4	<1	<1	12.7	<50
S00430681	0.02	6	<1	<1	16.3	<50
S00430682	0.03	7	<1	<1	20.6	<50
S00430683	0.02	9	<1	<1	19.0	<50
S00430684	0.02	7	<1	<1	20.9	<50
S00430685	0.02	8	<1	<1	19.7	<50
S00430686	0.02	8	<1	<1	18.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rocks
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430687	0.04	6	<1	<1	13.8	<50
S00430688	0.02	7	<1	<1	18.1	<50
S00430689	0.03	8	<1	<1	22.9	<50
S00430690	0.02	7	<1	<1	6.9	<50
S00430691	0.03	6	<1	<1	20.8	<50
S00430692	0.02	7	<1	<1	22.3	<50
S00430693	0.03	6	<1	<1	23.1	<50
S00430694	0.03	7	<1	<1	23.1	<50
S00430695	0.06	10	<1	<1	22.9	<50
S00430696	0.05	10	<1	<1	22.4	<50
S00430697	0.07	8	<1	<1	25.7	<50
S00430698	0.06	9	<1	<1	21.7	<50
S00430699	0.05	7	<1	<1	22.8	<50
S00430700	<0.01	14	5	2	13.0	<50
*Dup S00430691	0.03	7	<1	<1	20.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	<0.01	2974	<1	7	22.7	503
*Std OREAS 927	0.03	196	<1	1	21.8	<50
*Rep S00430680	0.02	5	<1	<1	12.6	<50
*Std OREAS 623	0.04	2540	10	27	23.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00430690	0.02	7	<1	<1	7.0	<50
*Std MP-2a	0.01	2883	<1	7	29.2	505
*Std OREAS 927	0.04	201	1	2	27.5	<50
*Std OREAS 623	0.04	2564	8	29	22.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430651	160	<1	0.32	200	<5	13.3
S00430652	164	<1	0.33	202	<5	13.5
S00430653	161	<1	0.33	205	<5	13.2
S00430654	171	<1	0.31	200	<5	13.2
S00430655	173	<1	0.33	194	<5	13.4
S00430656	163	<1	0.33	205	<5	13.6
S00430657	148	<1	0.30	196	<5	12.9
S00430658	164	<1	0.31	197	<5	12.6
S00430659	162	<1	0.31	199	<5	12.7
S00430660	118	<1	0.06	11	<5	9.2
S00430661	155	<1	0.30	193	<5	12.6
S00430662	157	<1	0.30	195	<5	12.8
S00430663	156	<1	0.31	197	<5	12.9
S00430664	159	<1	0.29	200	<5	12.7
S00430665	162	<1	0.30	199	<5	12.6
S00430666	168	<1	0.32	204	<5	13.2
S00430667	165	<1	0.31	198	5	12.8
S00430668	156	<1	0.32	207	<5	12.6
S00430669	171	<1	0.32	202	<5	12.7
S00430670	30	1	0.26	113	<5	8.0
S00430671	164	<1	0.32	214	<5	13.1
S00430672	168	<1	0.31	200	<5	12.8
S00430673	176	<1	0.31	192	<5	12.7
S00430674	156	<1	0.29	192	<5	12.6
S00430675	69	<1	0.26	174	<5	13.3
S00430676	126	<1	0.39	128	<5	13.0
S00430677	108	<1	0.75	366	<5	16.6
S00430678	87	<1	0.49	263	<5	12.2
S00430679	109	<1	0.44	233	<5	13.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430680	108	<1	0.44	217	<5	14.4
S00430681	118	<1	0.39	220	<5	13.6
S00430682	115	<1	0.34	176	<5	13.4
S00430683	181	<1	0.38	219	<5	14.8
S00430684	171	<1	0.40	235	<5	15.8
S00430685	220	<1	0.39	226	<5	14.8
S00430686	198	<1	0.36	221	<5	14.1
S00430687	164	<1	0.61	288	<5	27.5
S00430688	162	<1	0.37	209	<5	14.1
S00430689	181	<1	0.42	226	<5	13.7
S00430690	113	<1	0.07	13	<5	7.5
S00430691	183	<1	0.41	219	<5	12.9
S00430692	163	<1	0.38	210	<5	13.0
S00430693	177	<1	0.46	217	<5	16.1
S00430694	191	<1	0.52	227	<5	15.8
S00430695	209	<1	0.95	245	<5	27.8
S00430696	143	<1	1.09	282	<5	23.5
S00430697	92	<1	0.69	226	<5	26.4
S00430698	148	<1	0.91	290	<5	22.6
S00430699	155	<1	0.98	296	<5	25.4
S00430700	12	<1	0.09	68	<5	3.1
*Dup S00430691	186	<1	0.43	221	<5	13.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	16	5	0.02	<5	3485	222
*Std OREAS 927	29	<1	0.28	68	10	20.7
*Rep S00430680	107	<1	0.42	212	<5	13.7
*Std OREAS 623	108	<1	0.16	28	<5	22.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430690	113	<1	0.07	14	<5	7.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std MP-2a	16	6	0.03	<5	3337	231
*Std OREAS 927	32	<1	0.31	73	7	20.7
*Std OREAS 623	81	<1	0.14	25	<5	16.1
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE IMS90A50	GE IMS90A50	GE CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430651	1.5	71	0.035
S00430652	1.4	80	0.025
S00430653	1.4	78	0.027
S00430654	1.4	78	0.034
S00430655	1.4	72	0.036
S00430656	1.4	74	0.013
S00430657	1.4	73	0.043
S00430658	1.4	73	0.045
S00430659	1.3	74	0.011
S00430660	0.8	40	0.041
S00430661	1.3	69	0.025
S00430662	1.4	71	<0.005
S00430663	1.3	72	0.023
S00430664	1.4	75	0.065
S00430665	1.4	71	0.037
S00430666	1.3	70	0.029
S00430667	1.3	72	0.045
S00430668	1.3	69	0.025
S00430669	1.3	69	0.029

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rock
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430670	0.9	104	1.787
S00430671	1.4	72	<0.005
S00430672	1.3	73	0.026
S00430673	1.3	69	0.014
S00430674	1.4	67	0.016
S00430675	1.3	71	0.016
S00430676	1.4	54	<0.005
S00430677	1.2	165	<0.005
S0043067	1.1	109	0.014
S00430679	1.6	101	<0.005
S00430680	1.6	95	<0.005
S00430681	1.5	83	0.011
S00430682	1.5	67	0.006
S004306 3	1.5	79	0.068
S00430684	1.5	76	0.024
S00430685	1.4	73	0.030
S00430686	1.5	77	0.026
S00430687	2.6	90	0.007
S004306	1.3	86	0.009
S00430689	1.6	77	0.032
S00430690	0.8	35	0.029
S00430691	1.5	74	<0.005
S00430692	1.6	80	<0.005
S00430693	1.9	85	0.016
S00430694	1.9	68	0.096
S00430695	3.3	61	1.431
S00430696	2.8	71	0.587
S00430697	3.1	52	0.008
S0043069	2.7	71	0.024
S00430699	2.9	115	0.441

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/ 50
 Rocks
 Number of Samples 50

ANALYSIS REPORT BBM21-10202

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430700	0.4	93	7.427
*Dup S00430691	1.7	74	0.009
*Blk BLANK	<0.1	6	-
*Std MP a	29.0	5276	-
*Std OREAS 927	2.1	666	-
*Rep S00430680	1.6	94	-
*Std OREAS 623	1.8	11220	-
*Blk BLANK	<0.1	<5	-
*Rep S00430690	0.8	61	-
*Std MP-2a	31.8	6081	-
*Std OREAS 927	2.3	673	-
*Std OREAS 623	1.8	10611	-
*Blk BLANK	<0.1	6	-
*Rep S00430662	-	-	0.009
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.567
*Blk BLANK	-	-	<0.005
*Rep S00430699	-	-	0.420
*Std GS314-2	-	-	2.583

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10214

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	08-Jun-2021
Project	Shakespeare exploration	Date Analysed	16-Jun-2021 - 16-Aug-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	16-Aug-2021
Core		SGS Order Number	BBM21-10214
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430701	3.48	16	10	12	<5	6.42
S00430702	3.31	23	30	29	<5	6.42
S00430703	3.56	21	<10	6	<5	6.07
S00430704	3.49	22	10	14	<5	6.27
S00430705	3.56	11	20	17	<5	6.80
S00430706	3.47	15	20	14	<5	6.69
S00430707	1.87	60	20	<5	<5	6.42
S00430708	2.15	27	40	11	<5	6.31
S00430709	2.18	11	30	6	<5	6.74
S00430710	0.76	<5	<10	<5	<5	0.97
S00430711	3.30	12	10	17	<5	6.74
S00430712	3.49	12	20	11	<5	6.17
S00430713	3.12	9	20	13	<5	6.86
S00430714	3.35	11	40	23	<5	7.00
S00430715	3.50	13	30	28	<5	6.20
S00430716	3.42	8	20	16	<5	6.35
S00430717	3.45	9	20	18	<5	6.77
S00430718	2.54	5	<10	7	<5	7.05
S00430719	3.19	5	10	13	<5	7.31
S00430720	0.11	57	450	591	<5	2.63
S00430721	2.18	6	10	11	<5	7.57
S00430722	2.16	5	10	12	<5	7.48
S00430723	2.82	<5	<10	<5	<5	7.98
S00430724	1.82	<5	<10	<5	<5	7.47
S00430725	2.63	<5	<10	<5	<5	8.65
S00430726	2.88	<5	<10	<5	<5	8.96
S00430727	1.70	<5	<10	7	<5	7.98
S00430728	3.05	<5	<10	<5	<5	6.81
S00430729	1.34	<5	<10	<5	<5	6.79

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430730	1.45	<5	<10	<5	<5	7.07
S00430731	3.04	<5	<10	<5	<5	7.26
S00430732	3.23	<5	<10	<5	<5	7.30
S00430733	2.44	<5	<10	<5	<5	6.15
S00430734	3.19	21	70	102	<5	6.07
S00430735	1.96	20	150	206	<5	7.15
S00430736	2.28	46	130	138	<5	7.17
S00430737	1.87	106	240	245	<5	6.34
S00430738	3.04	81	150	159	<5	7.05
S00430739	1.70	95	120	195	<5	6.95
S00430740	0.56	<5	<10	<5	<5	0.95
S00430741	2.13	164	280	302	<5	7.01
S00430742	2.08	9	30	29	<5	7.18
S00430743	0.83	28	120	138	6	4.40
S00430744	2.18	13	40	28	<5	7.59
S00430745	2.99	7	10	16	<5	8.11
S00430746	2.72	44	80	95	<5	7.05
S00430747	2.02	35	50	77	<5	7.02
S00430748	2.83	241	420	581	<5	6.22
S00430749	3.21	26	40	62	<5	7.10
S00430750	0.11	36	590	1060	<5	1.32
*Dup S00430739	-	92	140	188	<5	6.96
*Std OREAS 681	-	51	540	254	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00430718	-	6	<10	7	-	-
*Rep S00430739	-	89	130	194	-	-
*Std OREAS 45h	-	43	100	142	-	-
*Std OREAS 45f	-	19	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std MP-2a	-	-	-	-	<5	5.73
*Std OREAS 623	-	-	-	-	20	4.92
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	5.76
*Std OREAS 927	-	-	-	-	<5	6.11
*Std OREAS 623	-	-	-	-	19	5.02
*Rep S00430722	-	-	-	-	<5	6.86
*Blk BLANK	-	-	-	-	<5	<0.01

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430701	3	219	<1	0.1	5.3	0.2
S00430702	5	187	<1	0.1	5.4	<0.2
S00430703	13	212	<1	<0.1	5.6	<0.2
S00430704	7	195	<1	<0.1	5.7	<0.2
S00430705	3	234	<1	<0.1	5.7	<0.2
S00430706	7	226	<1	<0.1	5.9	0.3
S00430707	8	217	<1	<0.1	5.8	<0.2
S00430708	6	198	<1	0.1	5.8	<0.2
S00430709	5	199	1	0.1	5.4	<0.2
S00430710	3	81	<1	0.1	18.9	<0.2
S00430711	5	194	1	0.1	5.6	<0.2
S00430712	6	183	<1	<0.1	5.6	<0.2
S00430713	7	193	<1	0.1	6.1	<0.2
S00430714	8	231	<1	<0.1	6.0	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430715	4	256	1	0.1	5.7	0.2
S00430716	6	211	1	<0.1	5.5	<0.2
S00430717	3	183	<1	<0.1	6.1	<0.2
S00430718	3	179	<1	0.2	6.3	<0.2
S00430719	3	152	<1	<0.1	6.8	<0.2
S00430720	194	83	<1	0.1	3.2	0.4
S00430721	5	130	<1	<0.1	6.9	<0.2
S00430722	5	159	<1	<0.1	7.0	<0.2
S00430723	6	59	2	<0.1	2.4	<0.2
S00430724	<3	156	2	<0.1	2.9	0.3
S00430725	4	59	2	<0.1	2.6	<0.2
S00430726	10	80	2	0.1	2.9	<0.2
S00430727	<3	278	2	0.1	3.3	<0.2
S00430728	4	365	1	0.1	2.9	<0.2
S00430729	<3	292	1	0.2	3.5	<0.2
S00430730	<3	349	1	0.2	3.6	<0.2
S00430731	4	317	1	0.1	3.8	<0.2
S00430732	<3	202	1	0.2	4.0	<0.2
S00430733	<3	282	1	0.1	3.3	<0.2
S00430734	11	230	2	0.9	3.3	0.5
S00430735	484	59	1	2.5	4.0	0.5
S00430736	123	108	2	4.0	5.2	0.7
S00430737	79	130	1	8.4	4.6	1.3
S00430738	46	147	<1	6.4	4.3	0.4
S00430739	51	130	<1	6.0	4.0	0.5
S00430740	3	68	<1	0.4	18.9	0.5
S00430741	57	142	<1	11.2	4.0	0.6
S00430742	4	196	<1	0.7	3.9	0.5
S00430743	58	47	<1	2.7	3.7	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430744	<3	163	<1	0.8	4.2	<0.2
S00430745	<3	227	<1	0.6	4.9	<0.2
S00430746	12	185	<1	3.1	4.3	0.3
S00430747	6	166	<1	2.6	4.2	0.3
S00430748	87	200	<1	17.3	3.7	0.9
S00430749	<3	216	<1	1.8	4.4	0.2
S00430750	<3	17	<1	0.6	0.7	0.7
*Dup S00430739	60	134	<1	5.6	4.0	0.4
*Std MP-2a	5652	<10	1	>1000	3.2	15.4
*Std OREAS 623	74	1311	1	19.1	1.2	51.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5804	<10	1	>1000	3.1	13.4
*Std OREAS 927	16	289	2	67.1	0.5	1.0
*Std OREAS 623	75	1444	1	15.3	1.4	52.6
*Rep S00430722	3	149	<1	<0.1	6.4	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430701	51.1	<20	4.3	290	10.24	1.1
S00430702	53.1	<20	3.4	280	10.03	0.9
S00430703	66.9	<20	3.9	338	11.92	1.1
S00430704	55.6	<20	3.5	281	10.64	1.0
S00430705	51.2	<20	2.9	224	10.04	1.0
S00430706	54.8	<20	2.5	268	10.44	0.9

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430707	61.0	<20	3.4	380	11.16	1.0
S00430708	56.2	<20	2.9	309	10.41	0.9
S00430709	47.6	<20	3.8	175	8.20	0.9
S00430710	2.4	<20	0.4	33	0.64	0.5
S00430711	52.8	<20	3.5	218	10.33	0.9
S00430712	50.0	<20	3.3	212	9.72	0.9
S00430713	51.1	<20	3.3	190	9.86	0.9
S00430714	52.0	<20	3.1	213	9.63	0.9
S00430715	57.1	<20	4.2	248	11.47	1.2
S00430716	51.1	<20	3.9	158	10.16	1.0
S00430717	52.0	<20	2.4	212	9.78	0.9
S00430718	49.3	<20	3.0	155	9.09	0.9
S00430719	48.3	27	2.3	125	8.48	0.7
S00430720	190	3005	2.3	3010	10.73	0.2
S00430721	46.9	29	1.9	114	8.33	0.7
S00430722	49.2	22	2.7	117	8.32	0.8
S00430723	14.6	137	0.3	35	4.35	0.3
S00430724	34.5	103	1.4	325	6.83	0.5
S00430725	22.9	123	0.5	16	7.00	0.3
S00430726	23.1	137	1.0	44	5.95	0.3
S00430727	52.6	153	3.3	303	8.55	1.0
S00430728	31.5	79	3.5	82	6.63	1.0
S00430729	31.3	65	4.8	117	6.70	1.2
S00430730	32.3	68	5.5	92	7.07	1.4
S00430731	35.5	79	5.5	99	7.55	1.4
S00430732	35.3	68	3.5	131	7.56	0.9
S00430733	44.1	81	4.8	163	8.16	1.1
S00430734	83.6	120	3.1	1359	8.03	0.9
S00430735	191	219	0.9	1083	11.87	0.4

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430736	174	168	1.9	3185	12.49	0.6
S00430737	291	143	2.3	5520	15.02	0.7
S00430738	151	126	2.2	1508	11.99	0.7
S00430739	132	104	2.2	1470	11.34	0.6
S00430740	2.9	<20	0.4	27	0.81	0.5
S00430741	171	119	2.1	2675	11.94	0.7
S00430742	50.9	119	1.0	499	8.36	0.9
S00430743	185	201	0.5	10111	11.82	0.3
S00430744	49.4	120	0.6	345	8.25	0.7
S00430745	47.8	209	0.9	208	7.03	0.7
S00430746	76.5	354	1.2	817	7.81	0.7
S00430747	76.5	312	1.6	880	7.92	0.6
S00430748	217	329	2.1	5270	10.38	0.7
S00430749	68.3	320	2.4	598	8.40	0.8
S00430750	322	2902	0.2	4029	16.10	<0.1
*Dup S00430739	138	105	2.2	1504	11.31	0.6
*Std MP-2a	6.2	130	5.9	490	5.19	1.2
*Std OREAS 623	211	<20	2.8	16519	13.27	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.5	138	6.0	443	4.83	1.3
*Std OREAS 927	28.5	64	5.3	11065	8.11	2.0
*Std OREAS 623	218	27	2.9	17904	12.96	1.5
*Rep S00430722	44.9	<20	2.5	106	7.61	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430701	17.1	12	2.22	1515	<2	44
S00430702	16.8	10	2.46	1497	<2	53
S00430703	15.5	11	2.44	1761	<2	49
S00430704	15.2	12	2.33	1558	<2	49
S00430705	14.7	12	2.37	1511	<2	44
S00430706	15.9	11	2.13	1536	<2	51
S00430707	13.1	11	2.39	1623	<2	52
S00430708	14.7	12	2.64	1507	<2	56
S00430709	21.6	14	2.26	1261	<2	45
S00430710	9.1	12	9.15	726	<2	16
S00430711	17.6	11	2.28	1542	<2	41
S00430712	16.0	10	2.47	1524	<2	47
S00430713	13.6	11	2.91	1615	<2	58
S00430714	17.5	12	2.42	1549	<2	47
S00430715	16.9	12	2.51	1769	<2	55
S00430716	17.6	12	2.41	1554	<2	50
S00430717	13.2	11	3.20	1620	<2	65
S00430718	12.7	10	3.15	1548	<2	65
S00430719	10.8	9	3.67	1520	<2	80
S00430720	3.8	27	13.95	1437	<2	3691
S00430721	9.7	9	3.79	1510	<2	84
S00430722	9.2	12	3.79	1473	<2	83
S00430723	135	9	2.13	481	3	65
S00430724	24.8	10	2.47	664	<2	52
S00430725	31.6	13	3.33	759	<2	87
S00430726	128	33	3.00	670	2	103
S00430727	19.5	17	2.76	835	<2	109
S00430728	25.0	15	1.97	717	<2	34
S00430729	26.9	17	1.65	894	<2	26

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430730	29.6	19	1.83	910	<2	27
S00430731	25.6	17	1.96	1033	<2	30
S00430732	22.9	14	2.07	1053	<2	31
S00430733	20.3	17	2.32	1042	<2	60
S00430734	24.2	13	2.58	952	3	699
S00430735	21.0	19	4.23	1298	23	1852
S00430736	18.8	13	3.41	1376	9	1878
S00430737	18.1	15	3.28	1182	13	3570
S00430738	18.6	17	3.28	1243	6	1726
S00430739	17.0	18	3.28	1277	<2	1299
S00430740	6.3	10	8.49	601	<2	<10
S00430741	12.8	18	3.20	1209	3	2075
S00430742	12.1	21	3.42	1169	<2	214
S00430743	14.1	16	4.05	1248	3	2061
S00430744	12.1	25	3.87	1135	<2	152
S00430745	13.4	16	3.70	1049	2	142
S00430746	15.5	15	4.12	1111	3	632
S00430747	15.2	16	3.88	1088	3	622
S00430748	13.1	15	3.97	1077	6	3441
S00430749	12.5	16	4.14	1163	<2	458
S00430750	1.3	<5	13.87	953	3	13133
*Dup S00430739	17.1	16	3.29	1283	<2	1311
*Std MP-2a	160	84	0.10	1060	1569	<10
*Std OREAS 623	25.6	15	1.16	590	9	27
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	168	87	0.09	1077	1626	10
*Std OREAS 927	35.0	35	2.14	1198	<2	29
*Std OREAS 623	24.7	16	1.28	630	8	16
*Rep S00430722	8.5	10	3.57	1353	<2	77

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430701	0.04	6	<1	<1	22.4	<50
S00430702	0.04	5	<1	<1	22.6	<50
S00430703	0.04	5	<1	<1	22.7	<50
S00430704	0.04	5	<1	<1	22.4	<50
S00430705	0.04	6	<1	<1	23.0	<50
S00430706	0.03	6	<1	<1	21.5	<50
S00430707	0.03	5	<1	<1	21.8	<50
S00430708	0.04	5	<1	<1	22.1	<50
S00430709	0.05	6	<1	<1	23.4	<50
S00430710	0.02	7	<1	<1	7.6	<50
S00430711	0.05	6	<1	<1	23.5	<50
S00430712	0.04	5	<1	<1	22.7	<50
S00430713	0.04	6	<1	<1	23.8	<50
S00430714	0.04	6	<1	<1	23.5	<50
S00430715	0.05	5	<1	<1	23.0	<50
S00430716	0.05	6	<1	<1	23.5	<50
S00430717	0.04	5	<1	<1	24.0	<50
S00430718	0.04	7	<1	<1	24.2	<50
S00430719	0.03	7	<1	<1	24.1	<50
S00430720	0.02	5	1	4	17.3	<50
S00430721	0.03	6	<1	<1	23.9	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430722	0.03	6	<1	<1	24.0	<50
S00430723	0.04	6	<1	<1	25.4	<50
S00430724	0.04	8	<1	<1	22.8	<50
S00430725	0.04	6	<1	<1	26.8	<50
S00430726	0.05	7	<1	<1	25.4	<50
S00430727	0.04	16	<1	<1	25.4	<50
S00430728	0.03	10	<1	<1	20.8	<50
S00430729	0.04	13	<1	<1	22.1	<50
S00430730	0.04	12	<1	<1	22.1	<50
S00430731	0.04	12	<1	<1	22.2	<50
S00430732	0.03	13	<1	<1	21.6	<50
S00430733	0.03	8	<1	<1	19.4	<50
S00430734	0.03	16	<1	<1	20.0	<50
S00430735	0.04	15	<1	<1	25.3	<50
S00430736	0.03	9	1	<1	25.1	<50
S00430737	0.03	9	3	<1	23.3	<50
S00430738	0.03	10	1	<1	24.3	<50
S00430739	0.03	9	<1	<1	23.3	<50
S00430740	0.01	9	<1	<1	6.9	<50
S00430741	0.02	10	1	<1	22.3	<50
S00430742	0.02	9	<1	<1	22.7	<50
S00430743	0.02	14	2	<1	22.8	<50
S00430744	0.02	12	<1	<1	22.3	<50
S00430745	0.01	11	<1	<1	21.8	<50
S00430746	0.02	10	<1	<1	22.7	<50
S00430747	0.02	8	<1	<1	22.9	<50
S00430748	0.02	8	1	<1	22.0	<50
S00430749	0.02	8	<1	<1	22.6	<50
S00430750	<0.01	14	6	2	13.3	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Dup S00430739	0.03	9	<1	<1	23.0	<50
*Std MP-2a	0.01	2905	<1	7	30.1	535
*Std OREAS 623	0.03	2538	8	26	22.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.01	2883	<1	7	29.2	505
*Std OREAS 927	0.04	201	1	2	27.5	<50
*Std OREAS 623	0.04	2564	8	29	22.6	<50
*Rep S00430722	0.02	5	<1	<1	22.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430701	155	<1	0.93	323	<5	22.9
S00430702	158	<1	0.91	335	<5	24.1
S00430703	111	<1	1.32	546	<5	23.2
S00430704	141	<1	1.03	394	<5	21.8
S00430705	162	<1	0.79	279	<5	20.3
S00430706	150	<1	1.14	507	<5	19.3
S00430707	134	<1	1.17	558	<5	20.1
S00430708	132	<1	1.14	519	<5	22.3
S00430709	163	<1	1.00	309	<5	25.3
S00430710	123	<1	0.06	12	<5	8.9
S00430711	174	<1	0.87	260	<5	23.9
S00430712	140	<1	0.75	256	<5	22.7
S00430713	169	<1	0.69	255	<5	19.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430714	165	<1	0.82	257	<5	22.0
S00430715	100	<1	1.13	454	<5	23.9
S00430716	129	<1	0.84	286	<5	24.3
S00430717	154	<1	0.71	291	<5	19.5
S00430718	171	<1	0.63	251	<5	18.5
S00430719	181	<1	0.47	233	<5	16.2
S00430720	32	1	0.30	130	<5	7.7
S00430721	181	<1	0.43	225	<5	14.8
S00430722	173	<1	0.41	227	<5	14.3
S00430723	102	<1	0.85	181	<5	22.2
S00430724	115	<1	0.75	196	<5	17.4
S00430725	75	<1	0.89	240	<5	21.1
S00430726	100	<1	0.95	229	<5	20.5
S00430727	145	<1	0.81	228	<5	18.7
S00430728	198	<1	0.62	162	<5	19.1
S00430729	199	<1	0.64	156	<5	21.7
S00430730	206	<1	0.66	165	<5	22.4
S00430731	209	<1	0.69	179	<5	21.1
S00430732	226	<1	0.67	175	<5	18.9
S00430733	138	<1	0.75	199	<5	16.5
S00430734	113	<1	0.70	228	<5	17.9
S00430735	103	1	0.69	347	<5	20.0
S00430736	123	2	0.63	285	<5	17.1
S00430737	137	3	0.32	232	<5	16.5
S00430738	208	2	0.33	208	<5	17.2
S00430739	188	2	0.33	190	<5	17.1
S00430740	133	<1	0.03	11	<5	8.0
S00430741	188	3	0.28	183	<5	13.6
S00430742	194	<1	0.30	200	<5	12.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430743	79	1	0.33	254	<5	13.8
S00430744	181	<1	0.28	229	<5	10.4
S00430745	218	<1	0.28	252	<5	11.0
S00430746	168	<1	0.31	286	<5	13.3
S00430747	172	<1	0.33	299	<5	13.7
S00430748	129	4	0.28	289	<5	11.4
S00430749	162	<1	0.28	275	<5	11.5
S00430750	14	<1	0.06	64	<5	3.4
*Dup S00430739	186	2	0.34	190	<5	17.0
*Std MP-2a	21	5	0.01	6	3594	223
*Std OREAS 623	86	<1	0.11	24	<5	16.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	16	6	0.03	<5	3337	231
*Std OREAS 927	32	<1	0.31	73	7	20.7
*Std OREAS 623	81	<1	0.14	25	<5	16.1
*Rep S00430722	158	<1	0.37	206	<5	12.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430701	2.7	127	0.076
S00430702	2.8	112	0.133
S00430703	2.5	132	0.142
S00430704	2.5	120	0.126
S00430705	2.4	116	0.064
S00430706	2.4	110	0.107

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430707	2.4	118	0.166
S00430708	2.6	104	0.247
S00430709	2.9	87	0.381
S00430710	0.8	37	0.038
S00430711	2.7	106	0.187
S00430712	2.5	107	0.125
S00430713	2.3	112	0.035
S00430714	2.8	107	0.113
S00430715	2.8	126	0.196
S00430716	2.8	112	0.105
S00430717	2.2	117	0.079
S00430718	2.2	114	0.039
S00430719	1.8	97	0.043
S004307 0	0.8	110	1.820
S00430721	1.7	91	0.036
S00430722	1.7	91	0.027
S00430723	2.8	62	0.055
S00430724	2.1	84	0.631
S004307 5	2.5	98	0.010
S00430726	2.4	86	0.052
S00430727	2.2	103	0.547
S00430728	2.5	77	0.085
S00430729	2.8	86	0.041
S00430730	2.8	90	0.045
S00430731	2.6	97	0.037
S00430732	2.4	90	0.050
S00430733	2.1	92	0.116
S00430734	2.3	111	1.124
S00430735	2.2	121	1.071
S00430736	1.9	140	1.673

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10214

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430737	1.9	153	3.802
S00430738	2.0	115	1.440
S00430739	1.9	110	1.265
S00430740	0.6	41	0.035
S00430741	1.6	114	2.118
S00430742	1.4	98	0.118
S00430743	1.5	108	2.808
S00430744	1.2	86	0.099
S00430745	1.3	84	0.065
S00430746	1.6	88	0.399
S00430747	1.6	87	0.364
S00430748	1.4	115	2.257
S00430749	1.4	86	0.243
S00430750	0.4	90	7.506
*Dup S00430739	1.9	111	1.311
*Std GS314-2	-	-	2.638
*Blk BLANK	-	-	<0.005
*Rep S00430721	-	-	0.028
*Blk BLANK	-	-	<0.005
*Rep S00430736	-	-	1.700
*Std GS314-2	-	-	2.589
*Std MP-2a	29.6	5584	-
*Std OREAS 623	1.9	9428	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	31.8	6081	-
*Std OREAS 927	2.3	673	-
*Std OREAS 623	1.8	10611	-
*Rep S00430722	1.5	80	-
*Blk BLANK	<0.1	6	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ Exploration/ 50
Core
Number of Samples 50

ANALYSIS REPORT BBM21-10214

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10239

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	09-Jun-2021
Project	Shakespeare exploration	Date Analysed	16-Jun-2021 - 16-Aug-2021
Submission Number	*SD* Shakespeare / Exploration / 100	Date Completed	16-Aug-2021
Core (1-50)		SGS Order Number	BBM21-10239
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430751	3.00	50	80	118	<5	6.75
S00430752	3.11	58	160	148	<5	7.43
S00430753	3.12	105	220	252	<5	5.20
S00430754	3.21	26	60	54	<5	5.00
S00430755	3.31	61	150	148	<5	7.27
S00430756	2.22	40	90	100	<5	6.80
S00430757	2.17	72	170	176	<5	6.77
S00430758	2.02	48	130	122	<5	7.02
S00430759	2.19	57	140	147	<5	6.87
S00430760	0.61	<5	<10	<5	<5	1.04
S00430761	2.09	45	120	117	<5	6.67
S00430762	1.98	32	80	87	<5	6.72
S00430763	2.18	23	60	68	<5	6.89
S00430764	3.09	16	30	70	<5	7.07
S00430765	3.18	12	20	58	<5	6.64
S00430766	3.18	10	20	49	<5	7.37
S00430767	3.07	10	30	57	<5	7.35
S00430768	3.20	10	20	55	<5	7.08
S00430769	2.89	12	20	61	<5	7.10
S00430770	0.11	62	450	589	<5	2.68
S00430771	2.65	12	30	54	<5	7.01
S00430772	2.13	22	40	99	<5	6.71
S00430773	3.31	10	20	57	<5	7.16
S00430774	3.30	15	30	67	<5	6.49
S00430775	1.96	<5	<10	12	<5	7.06
S00430776	2.18	8	<10	9	<5	7.57
S00430777	2.44	13	20	19	<5	7.75
S00430778	2.70	27	80	85	<5	8.10
S00430779	0.32	9	30	74	<5	7.84

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430780	0.42	10	40	92	<5	8.69
S00430781	2.42	6	30	66	<5	8.25
S00430782	3.01	63	10	20	<5	7.79
S00430783	3.05	<5	10	8	<5	8.29
S00430784	2.90	<5	<10	9	<5	8.13
S00430785	3.24	5	<10	11	<5	8.03
S00430786	2.68	5	10	16	<5	8.12
S00430787	0.64	506	<10	16	<5	6.12
S00430788	3.01	<5	<10	5	<5	8.15
S00430789	2.27	<5	10	16	<5	7.65
S00430790	0.55	<5	<10	<5	<5	1.03
S00430791	2.19	5	<10	7	<5	7.69
S00430792	2.80	<5	<10	13	<5	7.69
S00430793	0.57	<5	<10	5	<5	7.79
S00430794	3.05	<5	<10	10	<5	8.82
S00430795	2.12	6	<10	11	<5	9.19
S00430796	2.45	<5	<10	10	<5	8.18
S00430797	2.87	<5	<10	13	<5	8.28
S00430798	0.58	<5	<10	<5	<5	10.40
S00430799	1.09	6	20	22	<5	8.63
S00430800	0.11	68	580	1040	<5	1.54
*Dup S00430789	-	<5	<10	18	<5	7.63
*Std MP-2a	-	-	-	-	<5	5.73
*Std OREAS 623	-	-	-	-	20	4.92
*Rep S00430763	-	-	-	-	<5	6.70
*Std OREAS 681	-	51	540	254	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45h	-	43	100	142	-	-
*Std OREAS 45f	-	19	40	61	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00430753	-	103	230	253	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	6.12
*Rep S00430800	-	-	-	-	<5	1.53
*Std OREAS 927	-	-	-	-	6	6.62
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	20	4.88
*Rep S00430772	-	23	40	99	-	-
*Std OREAS 681	-	51	510	244	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45h	-	41	90	135	-	-
*Std OREAS 45f	-	19	40	62	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430751	11	187	<1	3.3	4.3	0.4
S00430752	20	223	<1	3.6	4.5	0.4
S00430753	<3	170	<1	4.9	3.4	0.4
S00430754	<3	126	<1	1.3	3.8	0.3
S00430755	21	201	<1	3.2	4.7	0.4
S00430756	7	149	<1	2.5	4.9	0.3
S00430757	11	164	<1	4.0	4.8	0.5
S00430758	6	151	<1	3.0	5.2	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430759	4	149	<1	3.0	5.1	0.5
S00430760	<3	56	<1	<0.1	18.8	0.8
S00430761	<3	128	<1	2.3	4.7	0.6
S00430762	12	175	<1	1.6	5.0	0.4
S00430763	10	187	<1	0.9	5.3	0.3
S00430764	5	160	<1	0.7	5.2	0.3
S00430765	7	119	<1	0.5	4.9	0.3
S00430766	4	150	<1	0.5	5.7	0.3
S00430767	<3	161	<1	0.4	5.4	0.4
S00430768	<3	161	<1	0.3	5.2	0.6
S00430769	<3	175	<1	0.4	5.2	0.6
S00430770	181	80	<1	0.1	3.1	0.4
S00430771	<3	227	<1	0.4	5.1	0.2
S00430772	<3	240	<1	0.7	5.2	0.3
S00430773	<3	238	<1	0.4	5.2	0.3
S00430774	<3	212	<1	0.4	5.1	0.4
S00430775	4	<10	<1	0.4	17.9	0.4
S00430776	<3	223	<1	0.2	4.9	0.5
S00430777	<3	116	1	0.2	5.8	0.6
S00430778	<3	136	<1	0.1	5.9	0.3
S00430779	9	116	<1	0.2	8.2	0.3
S00430780	12	140	<1	0.3	6.8	0.3
S00430781	14	124	<1	0.1	5.9	<0.2
S00430782	5	129	<1	0.1	6.3	<0.2
S00430783	4	166	<1	0.2	6.7	<0.2
S00430784	4	170	<1	0.1	6.4	<0.2
S00430785	4	145	<1	0.1	6.4	0.2
S00430786	7	161	<1	<0.1	6.5	<0.2
S00430787	4	132	<1	0.3	4.9	2.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430788	6	147	<1	0.2	6.7	0.2
S00430789	11	30	<1	<0.1	8.0	0.2
S00430790	<3	79	<1	<0.1	18.1	<0.2
S00430791	11	34	<1	<0.1	7.5	<0.2
S00430792	5	105	<1	0.1	6.7	<0.2
S00430793	5	48	<1	0.1	9.2	<0.2
S00430794	7	138	<1	0.2	7.2	<0.2
S00430795	6	75	<1	0.2	7.0	0.3
S00430796	8	178	<1	0.2	7.2	<0.2
S00430797	8	92	<1	0.1	7.6	0.2
S00430798	<3	141	1	0.1	4.2	<0.2
S00430799	<3	138	1	0.1	6.9	<0.2
S00430800	5	19	<1	0.6	1.0	0.8
*Dup S00430789	14	30	<1	<0.1	8.1	<0.2
*Std MP-2a	5652	<10	1	>1000	3.2	15.4
*Std OREAS 623	74	1311	1	19.1	1.2	51.1
*Rep S00430763	9	180	<1	0.9	5.3	0.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std MP-2a	5455	<10	2	>1000	3.0	14.4
*Rep S00430800	5	21	<1	0.5	1.0	0.8
*Std OREAS 927	16	344	2	60.1	0.4	1.0
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	70	1338	1	17.9	1.3	54.3

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430751	93.4	247	1.6	1309	8.93	0.7
S00430752	89.4	321	1.5	1230	8.32	0.7
S00430753	149	398	3.1	1638	11.16	0.8
S00430754	93.3	419	2.8	700	11.03	0.7
S00430755	86.5	308	1.8	1319	9.47	0.7
S00430756	74.8	268	1.4	955	9.32	0.6
S00430757	93.8	244	2.1	1736	10.09	0.7
S00430758	78.0	220	1.6	1281	9.57	0.6
S00430759	79.7	267	2.3	1103	9.54	0.7
S00430760	2.8	<20	0.4	30	0.87	0.5
S00430761	72.1	245	2.3	894	9.50	0.7
S00430762	74.3	255	2.3	853	9.83	0.7
S00430763	62.8	205	1.3	730	9.07	0.6
S00430764	50.0	158	1.2	481	8.00	0.7
S00430765	49.2	131	1.1	406	7.64	0.5
S00430766	52.4	166	1.4	359	8.51	0.6
S00430767	54.2	150	2.0	336	8.61	0.7
S00430768	56.5	157	2.3	392	9.02	0.8
S00430769	58.3	163	2.5	463	9.59	0.8
S00430770	187	2518	2.3	2783	10.87	0.2
S00430771	55.3	139	2.8	420	9.22	0.9
S00430772	56.7	139	2.6	814	9.05	1.0
S00430773	56.9	138	2.6	370	9.42	0.9
S00430774	61.2	204	2.7	653	9.60	0.9
S00430775	14.4	<20	0.1	7	4.29	0.1
S00430776	40.4	<20	6.1	311	7.54	1.2
S00430777	43.7	<20	3.8	335	8.07	0.9
S00430778	44.6	<20	2.0	323	8.04	0.7
S00430779	40.8	<20	2.2	279	7.17	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430780	46.0	39	2.4	179	7.86	0.8
S00430781	52.5	44	1.4	106	8.00	0.6
S00430782	49.8	50	1.4	147	7.61	0.5
S00430783	52.9	66	2.3	145	8.26	0.8
S00430784	50.7	62	2.3	136	8.09	0.8
S00430785	51.5	57	2.1	140	7.81	0.7
S00430786	52.4	59	2.2	159	7.96	0.7
S00430787	65.7	48	1.6	5801	6.88	0.6
S00430788	49.7	69	1.1	128	7.53	0.6
S00430789	45.6	147	0.4	177	6.73	0.2
S00430790	2.4	<20	0.4	20	0.71	0.4
S00430791	45.5	152	0.5	314	6.67	0.2
S00430792	41.7	591	0.5	52	5.94	0.5
S00430793	26.9	320	0.3	10	3.99	0.2
S00430794	48.9	574	0.6	22	7.05	0.6
S00430795	51.5	516	0.9	427	7.32	0.5
S00430796	47.5	538	0.8	44	6.47	0.7
S00430797	45.3	486	1.5	77	6.63	0.5
S00430798	27.1	199	3.6	152	5.05	0.9
S00430799	40.0	305	1.4	157	6.54	0.7
S00430800	357	3527	0.2	4300	16.00	<0.1
*Dup S00430789	48.0	146	0.3	166	6.83	0.2
*Std MP-2a	6.2	130	5.9	490	5.19	1.2
*Std OREAS 623	211	<20	2.8	16519	13.27	1.4
*Rep S00430763	63.1	208	1.3	744	8.97	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.7	150	5.8	463	4.89	1.3
*Rep S00430800	353	3556	0.2	4240	15.84	<0.1
*Std OREAS 927	29.7	72	5.2	11006	8.42	1.9

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	223	34	2.8	17108	12.11	1.3

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430751	12.6	15	4.62	1205	<2	813
S00430752	13.6	15	4.39	1127	2	868
S00430753	14.0	19	5.17	1326	3	1377
S00430754	11.6	19	5.69	1520	<2	492
S00430755	11.9	16	4.50	1289	<2	815
S00430756	12.1	14	4.52	1333	<2	554
S00430757	10.7	15	4.46	1355	2	981
S00430758	12.4	14	4.22	1373	<2	680
S00430759	10.6	14	4.06	1305	<2	718
S00430760	5.4	12	8.41	621	<2	<10
S00430761	11.1	14	4.18	1280	<2	609
S00430762	12.3	16	4.75	1315	<2	504
S00430763	11.6	13	4.55	1292	<2	365
S00430764	14.5	14	3.91	1185	<2	207
S00430765	12.4	13	3.68	1140	<2	165
S00430766	12.7	13	3.92	1322	<2	154
S00430767	11.2	14	3.92	1331	<2	164
S00430768	10.1	15	3.82	1309	<2	180
S00430769	10.8	15	4.03	1382	<2	174
S00430770	3.8	32	13.33	1314	<2	3314

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430771	13.4	16	3.90	1344	<2	172
S00430772	13.6	16	3.64	1291	<2	287
S00430773	13.1	19	3.91	1357	<2	161
S00430774	12.3	15	4.21	1452	<2	315
S00430775	4.0	7	1.11	1040	<2	21
S00430776	11.9	18	3.30	1121	<2	59
S00430777	10.7	14	3.39	1284	<2	64
S00430778	11.8	11	3.69	1302	<2	80
S00430779	10.5	12	3.05	1343	<2	58
S00430780	10.3	11	3.20	1278	<2	62
S00430781	10.3	13	3.92	1289	<2	93
S00430782	8.8	13	3.81	1255	<2	98
S00430783	10.3	15	4.22	1362	<2	101
S00430784	10.3	14	4.02	1312	<2	100
S00430785	10.2	18	4.20	1287	<2	106
S00430786	11.0	13	4.31	1294	<2	103
S00430787	8.2	11	3.20	975	<2	180
S00430788	9.3	17	4.36	1256	<2	108
S00430789	7.2	9	4.95	1190	<2	131
S00430790	7.0	12	8.86	582	<2	12
S00430791	7.4	10	4.80	1146	<2	153
S00430792	7.4	11	5.02	1038	<2	173
S00430793	23.8	17	2.64	874	<2	86
S00430794	7.4	13	5.43	1175	<2	155
S00430795	6.4	13	5.37	1246	<2	236
S00430796	6.8	9	5.38	1134	<2	149
S00430797	7.2	20	5.24	1124	<2	160
S00430798	19.7	15	2.95	722	<2	77
S00430799	10.6	9	4.57	1076	<2	116

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430800	1.4	<5	15.78	990	3	15061
*Dup S00430789	7.4	9	4.89	1205	<2	132
*Std MP-2a	160	84	0.10	1060	1569	<10
*Std OREAS 623	25.6	15	1.16	590	9	27
*Rep S00430763	11.9	13	4.48	1275	<2	364
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	160	99	0.10	1009	1713	11
*Rep S00430800	1.4	<5	15.54	993	3	14942
*Std OREAS 927	40.8	39	2.28	1140	<2	31
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	24.6	17	1.18	543	9	17

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430751	0.02	7	<1	<1	23.4	<50
S00430752	0.03	8	<1	<1	23.3	<50
S00430753	0.03	5	<1	<1	22.3	<50
S00430754	0.02	5	<1	<1	23.0	<50
S00430755	0.03	7	<1	<1	22.6	<50
S00430756	0.02	7	<1	<1	23.0	<50
S00430757	0.02	9	<1	<1	22.5	<50
S00430758	0.03	8	<1	<1	23.5	<50
S00430759	0.01	7	<1	<1	23.2	<50
S00430760	0.02	5	<1	<1	7.6	<50
S00430761	0.02	7	<1	<1	22.3	<50

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430762	0.03	6	<1	<1	23.6	<50
S00430763	0.02	7	<1	<1	23.7	<50
S00430764	0.02	8	<1	<1	23.0	<50
S00430765	0.02	8	<1	<1	22.5	<50
S00430766	0.02	8	<1	<1	24.4	<50
S00430767	0.02	7	<1	<1	23.4	<50
S00430768	0.02	7	<1	<1	23.1	<50
S00430769	0.02	5	<1	<1	23.8	<50
S00430770	0.02	6	1	4	16.8	<50
S00430771	0.03	6	<1	<1	23.1	<50
S00430772	0.03	7	<1	<1	22.6	<50
S00430773	0.03	9	<1	<1	23.0	<50
S00430774	0.03	5	<1	<1	22.3	<50
S00430775	<0.01	10	<1	<1	14.3	<50
S00430776	0.02	12	<1	<1	21.4	<50
S00430777	0.02	14	<1	<1	21.9	<50
S00430778	0.03	7	<1	<1	22.5	<50
S00430779	0.02	8	<1	<1	22.5	<50
S00430780	0.02	8	<1	<1	23.3	<50
S00430781	0.03	8	<1	<1	24.7	<50
S00430782	0.03	8	<1	<1	23.7	<50
S00430783	0.03	8	<1	<1	26.5	<50
S00430784	0.03	7	<1	<1	25.1	<50
S00430785	0.03	7	<1	<1	25.1	<50
S00430786	0.03	8	<1	<1	25.5	<50
S00430787	0.03	10	<1	<1	30.0	<50
S00430788	0.05	8	<1	<1	24.9	<50
S00430789	0.03	7	<1	<1	24.9	<50
S00430790	0.02	8	<1	<1	7.4	<50

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1-50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430791	0.03	8	<1	<1	24.9	<50
S00430792	0.03	8	<1	<1	25.6	<50
S00430793	0.03	8	<1	<1	24.3	<50
S00430794	0.02	8	<1	<1	23.9	<50
S00430795	0.03	9	<1	<1	22.5	<50
S00430796	0.04	8	<1	<1	24.9	<50
S00430797	0.03	8	<1	<1	25.2	<50
S00430798	0.07	10	<1	<1	28.2	<50
S00430799	0.03	9	<1	<1	27.0	<50
S00430800	<0.01	15	7	2	15.1	<50
*Dup S00430789	0.02	7	<1	<1	24.8	<50
*Std MP-2a	0.01	2905	<1	7	30.1	535
*Std OREAS 623	0.03	2538	8	26	22.2	<50
*Rep S00430763	0.02	8	<1	<1	23.5	<50
*Blk BLANK	<0.01	2	<1	<1	<0.1	<50
*Std MP-2a	0.01	2936	<1	7	32.5	537
*Rep S00430800	0.02	15	7	2	14.8	<50
*Std OREAS 927	0.05	223	1	2	30.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2582	8	26	22.4	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430751	142	<1	0.27	234	<5	11.2
S00430752	178	<1	0.31	272	<5	12.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430753	65	1	0.39	331	<5	13.4
S00430754	51	<1	0.41	369	<5	12.5
S00430755	178	<1	0.33	268	<5	11.9
S00430756	164	<1	0.40	266	<5	12.7
S00430757	161	<1	0.38	272	<5	18.7
S00430758	189	<1	0.38	263	15	11.5
S00430759	176	<1	0.35	244	<5	13.2
S00430760	126	<1	0.06	15	<5	8.8
S00430761	149	<1	0.43	256	<5	15.1
S00430762	137	<1	0.42	272	<5	15.0
S00430763	149	<1	0.40	263	<5	14.2
S00430764	192	<1	0.34	213	<5	15.9
S00430765	184	<1	0.31	190	<5	14.5
S00430766	199	<1	0.41	221	<5	14.6
S00430767	192	<1	0.47	238	<5	14.8
S00430768	172	<1	0.47	244	<5	16.4
S00430769	157	<1	0.51	261	<5	18.2
S00430770	33	<1	0.26	120	<5	7.9
S00430771	159	<1	0.50	242	<5	17.0
S00430772	164	<1	0.48	225	<5	15.9
S00430773	165	<1	0.46	211	<5	17.6
S00430774	133	<1	0.55	203	<5	16.7
S00430775	284	<1	0.05	136	<5	7.4
S00430776	159	<1	0.40	176	<5	16.3
S00430777	203	<1	0.41	187	<5	17.5
S00430778	195	<1	0.36	181	<5	15.3
S00430779	218	<1	0.31	169	<5	18.2
S00430780	221	<1	0.35	176	<5	15.8
S00430781	203	<1	0.47	214	<5	16.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430782	204	<1	0.42	211	<5	14.9
S00430783	203	<1	0.45	227	<5	15.6
S00430784	199	<1	0.44	221	<5	16.3
S00430785	194	<1	0.45	220	<5	15.8
S00430786	193	<1	0.46	225	<5	16.5
S00430787	144	<1	0.34	174	<5	12.2
S00430788	197	<1	0.44	229	<5	15.9
S00430789	240	<1	0.39	241	<5	13.8
S00430790	130	<1	0.06	12	<5	8.7
S00430791	227	<1	0.37	234	<5	16.4
S00430792	203	<1	0.32	203	<5	11.3
S00430793	216	<1	0.24	134	<5	12.8
S00430794	225	<1	0.37	215	<5	12.6
S00430795	219	<1	0.30	184	<5	10.4
S00430796	188	<1	0.35	215	<5	12.0
S00430797	214	<1	0.36	219	<5	12.7
S00430798	218	<1	0.55	168	<5	44.4
S00430799	191	<1	0.44	261	<5	15.8
S00430800	11	1	0.09	73	<5	3.6
*Dup S00430789	244	<1	0.38	239	<5	13.9
*Std MP-2a	21	5	0.01	6	3594	223
*Std OREAS 623	86	<1	0.11	24	<5	16.2
*Rep S00430763	152	<1	0.40	261	<5	14.1
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	16	6	0.03	<5	3504	238
*Rep S00430800	10	1	0.10	73	<5	3.6
*Std OREAS 927	33	<1	0.32	74	8	23.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	82	<1	0.13	24	<5	16.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Yb	Zn	@S
Method	GE IMS90A50	GE IMS90A50	GE CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430751	1.4	99	0.573
S00430752	1.5	96	0.557
S00430753	1.7	113	1.425
S00430754	1.6	126	0.348
S00430755	1.4	102	0.495
S00430756	1.6	102	0.347
S00430757	1.9	111	0.654
S00430758	1.5	105	0.432
S00430759	1.5	104	0.518
S00430760	0.7	43	0.025
S00430761	1.6	102	0.425
S00430762	1.7	109	0.333
S00430763	1.7	101	0.196
S00430764	1.7	90	0.105
S00430765	1.6	103	0.089
S00430766	1.7	94	0.094
S00430767	1.5	100	0.127
S00430768	1.6	108	0.149
S00430769	1.8	111	0.147
S00430770	0.8	107	1.797
S00430771	1.9	113	0.116
S00430772	1.8	107	0.221
S00430773	2.0	117	0.124
S00430774	1.8	111	0.164
S00430775	1.4	29	0.017
S00430776	1.8	90	0.109
S00430777	1.8	92	0.096
S00430778	1.7	92	0.083
S00430779	2.0	79	0.064

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (1 50)
 Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430780	1.8	85	0.049
S00430781	1.7	90	0.030
S00430782	1.5	89	0.091
S004307 3	1.6	99	0.047
S00430784	1.7	95	0.047
S00430785	1.6	94	0.050
S00430786	1.7	92	0.050
S00430787	1.3	142	0.905
S004307	1.6	92	0.040
S00430789	1.4	82	0.042
S00430790	0.7	39	0.023
S00430791	1.5	76	0.053
S00430792	1.1	68	0.012
S00430793	1.2	48	<0.005
S00430794	1.3	78	0.011
S00430795	1.1	92	0.075
S00430796	1.2	74	0.013
S00430797	1.3	72	0.019
S0043079	4.1	77	0.067
S00430799	1.5	88	0.055
S00430800	0.4	108	7.252
*Dup S00430789	1.4	78	0.042
*Blk BLANK	-	-	<0.005
*Rep S0043077	-	-	0.214
*Std GS314-2	-	-	2.656
*Rep S00430788	-	-	0.039
*Std GS314-2	-	-	2.557
*Blk BLANK	-	-	<0.005
*Std MP a	29.6	5584	-
*Std OREAS 623	1.9	9428	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare / Exploration / 100
Core (1 50)
Number of Samples 50

ANALYSIS REPORT BBM21-10239

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00430763	1.6	101	-
*Blk BLANK	<0.1	8	-
*Std MP-2a	29.8	5954	-
*Rep S00430 00	0.4	106	-
*Std OREAS 927	2.5	738	-
*Blk BLANK	<0.1	7	-
*Std OREAS 623	1.8	9726	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10245

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	09-Jun-2021
Project	Shakespeare exploration	Date Analysed	16-Jun-2021 - 19-Aug-2021
Submission Number	*SD* Shakespeare / Exploration / 100	Date Completed	19-Aug-2021
Core (51-100)		SGS Order Number	BBM21-10245
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430801	3.09	<5	<10	12	<5	8.20
S00430802	3.10	<5	<10	14	<5	8.64
S00430803	3.02	<5	<10	12	<5	8.22
S00430804	1.59	<5	<10	13	<5	8.23
S00430805	1.86	6	<10	11	<5	9.41
S00430806	1.05	<5	<10	11	<5	9.51
S00430807	1.66	<5	<10	<5	<5	1.26
S00430808	1.46	<5	<10	<5	<5	10.67
S00430809	0.70	<5	<10	18	<5	7.87
S00430810	0.35	<5	<10	<5	<5	1.13
S00430811	3.15	<5	10	20	<5	8.03
S00430812	3.32	<5	<10	18	<5	7.80
S00430813	2.09	<5	<10	6	<5	9.10
S00430814	1.97	<5	<10	9	<5	8.84
S00430815	3.11	<5	<10	21	<5	7.84
S00430816	1.71	<5	<10	10	<5	8.94
S00430817	2.88	<5	<10	6	<5	10.70
S00430818	2.93	<5	<10	9	<5	8.92
S00430819	2.90	<5	<10	10	<5	8.64
S00430820	0.11	78	480	621	<5	2.85
S00430821	2.98	<5	<10	6	<5	7.47
S00430822	2.38	<5	<10	<5	<5	8.27
S00430823	1.80	8	<10	<5	<5	9.59
S00430824	2.14	<5	<10	<5	<5	7.69
S00430825	2.20	150	340	346	<5	6.79
S00430826	2.71	27	20	28	<5	6.76
S00430827	3.05	12	20	27	<5	6.68
S00430828	0.80	67	100	127	<5	7.06
S00430829	0.87	<5	<10	8	<5	7.41

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430830	1.01	6	<10	10	<5	7.40
S00430831	0.99	144	210	299	<5	6.70
S00430832	3.16	9	10	13	<5	6.48
S00430833	2.02	<5	<10	<5	<5	6.72
S00430834	2.61	28	60	57	<5	7.48
S00430835	0.76	23	30	51	<5	6.99
S00430836	2.43	42	120	191	<5	7.55
S00430837	3.25	10	30	26	<5	7.83
S00430838	1.01	25	20	36	<5	7.15
S00430839	2.52	16	20	42	<5	7.39
S00430840	1.06	<5	<10	<5	<5	0.87
S00430841	3.09	11	10	37	<5	7.30
S00430842	3.07	7	20	53	<5	7.45
S00430843	2.69	33	30	56	<5	7.98
S00430844	3.14	17	10	20	<5	7.79
S00430845	2.99	<5	<10	9	<5	7.49
S00430846	3.03	<5	10	10	<5	7.29
S00430847	2.95	<5	20	13	<5	7.41
S00430848	2.88	<5	<10	10	<5	7.31
S00430849	2.66	461	420	524	<5	6.68
S00430850	0.11	59	590	1010	<5	1.37
*Dup S00430839	-	14	20	42	<5	7.65
*Rep S00430834	-	-	-	-	<5	7.65
*Std MP-2a	-	-	-	-	<5	6.03
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	6.12
*Std OREAS 927	-	-	-	-	6	6.62
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00430819	-	-	-	-	<5	8.51

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 623	-	-	-	-	20	4.88
*Std OREAS 681	-	51	510	244	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45h	-	41	90	135	-	-
*Rep S00430813	-	<5	<10	6	-	-
*Rep S00430837	-	11	20	24	-	-
*Std OREAS 45f	-	19	40	62	-	-
*Rep S00430846	-	<5	10	10	-	-
*Std OREAS 45f	-	19	40	54	-	-
*Blk BLANK	-	12	<10	<5	-	-
*Std OREAS 681	-	51	520	240	-	-
*Std OREAS 45h	-	41	90	128	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430801	5	117	<1	0.2	7.6	<0.2
S00430802	4	95	<1	0.1	7.8	<0.2
S00430803	6	91	<1	0.1	7.7	<0.2
S00430804	5	106	<1	0.1	7.6	<0.2
S00430805	5	84	1	0.2	6.1	<0.2
S00430806	5	128	2	0.2	5.6	<0.2
S00430807	<3	18	<1	<0.1	1.0	<0.2
S00430808	<3	194	3	<0.1	5.4	<0.2
S00430809	5	139	1	0.1	6.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430810	<3	65	<1	<0.1	18.0	<0.2
S00430811	<3	135	<1	0.1	7.0	<0.2
S00430812	5	120	<1	0.1	6.8	<0.2
S00430813	4	187	1	<0.1	2.4	<0.2
S00430814	<3	214	1	0.1	3.4	<0.2
S00430815	4	116	<1	0.2	6.7	<0.2
S00430816	<3	171	1	<0.1	4.0	<0.2
S00430817	<3	53	2	<0.1	4.7	<0.2
S00430818	<3	50	1	<0.1	4.5	<0.2
S00430819	<3	28	<1	<0.1	4.4	<0.2
S00430820	167	89	<1	0.2	2.9	0.5
S00430821	<3	31	<1	<0.1	3.3	<0.2
S00430822	<3	15	<1	<0.1	2.3	<0.2
S00430823	<3	23	1	<0.1	2.6	<0.2
S00430824	5	288	1	0.2	3.3	<0.2
S00430825	115	170	<1	10.4	3.7	0.8
S00430826	<3	263	1	1.1	5.1	<0.2
S00430827	<3	271	1	0.6	4.4	0.2
S00430828	18	202	1	2.7	4.9	0.2
S00430829	<3	268	1	0.1	5.0	<0.2
S00430830	<3	260	1	0.2	4.7	<0.2
S00430831	28	292	<1	6.2	3.8	0.4
S00430832	<3	85	<1	0.2	4.4	0.3
S00430833	<3	136	1	<0.1	5.6	0.5
S00430834	<3	44	<1	0.6	5.3	<0.2
S00430835	3	30	<1	0.7	5.5	0.2
S00430836	75	60	<1	1.2	5.2	0.6
S00430837	3	122	<1	0.3	6.2	<0.2
S00430838	<3	53	<1	0.7	6.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430839	4	179	<1	<0.1	5.2	0.2
S00430840	4	49	<1	0.2	14.9	1.1
S00430841	4	138	<1	<0.1	5.3	<0.2
S00430842	<3	200	<1	<0.1	5.3	<0.2
S00430843	3	250	<1	0.3	5.1	0.2
S00430844	4	180	<1	<0.1	5.7	0.2
S00430845	5	112	<1	<0.1	5.3	0.2
S00430846	<3	120	<1	<0.1	5.5	0.3
S00430847	4	107	<1	<0.1	6.2	0.3
S00430848	3	86	<1	<0.1	5.9	0.5
S00430849	158	93	<1	11.9	5.2	1.3
S00430850	<3	20	<1	0.3	1.0	0.7
*Dup S00430839	<3	165	<1	<0.1	5.3	0.5
*Rep S00430834	<3	46	<1	0.8	5.5	0.3
*Std MP-2a	4439	<10	1	>1000	2.8	12.5
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std MP-2a	5455	<10	2	>1000	3.0	14.4
*Std OREAS 927	16	344	2	60.1	0.4	1.0
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00430819	<3	28	<1	<0.1	4.5	<0.2
*Std OREAS 623	70	1338	1	17.9	1.3	54.3

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430801	45.8	461	0.8	88	6.73	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430802	47.5	426	0.8	63	6.89	0.4
S00430803	44.9	487	0.7	51	6.31	0.4
S00430804	46.0	492	1.3	76	6.25	0.5
S00430805	34.2	228	1.6	244	5.36	0.6
S00430806	35.8	297	4.4	38	6.10	1.0
S00430807	6.8	100	0.1	8	1.68	0.2
S00430808	19.3	213	1.5	27	3.53	1.2
S00430809	43.6	396	4.0	47	6.48	0.9
S00430810	2.9	21	0.4	21	0.79	0.5
S00430811	44.7	406	1.2	71	6.23	0.6
S00430812	44.7	431	0.8	52	6.20	0.6
S00430813	20.3	200	4.4	36	4.58	1.2
S00430814	23.1	232	4.7	50	5.23	1.3
S00430815	44.7	404	1.2	65	6.13	0.6
S00430816	20.1	287	2.4	23	4.11	0.9
S00430817	28.0	464	0.5	34	5.87	0.3
S00430818	42.0	642	0.4	38	8.48	0.2
S00430819	42.8	653	0.6	23	7.77	0.2
S00430820	187	2857	2.2	2794	10.21	0.2
S00430821	32.1	427	0.5	26	5.70	0.2
S00430822	20.9	112	0.2	72	3.73	0.1
S00430823	26.2	312	0.3	221	4.37	0.1
S00430824	32.6	121	3.9	124	6.95	1.2
S00430825	186	411	0.8	2903	9.25	0.5
S00430826	61.9	90	4.6	336	9.66	1.0
S00430827	51.6	95	4.2	372	9.30	1.2
S00430828	93.5	168	3.2	641	10.99	0.8
S00430829	47.1	54	3.3	211	10.18	0.9
S00430830	44.8	65	3.3	185	9.42	0.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430831	157	218	3.8	1603	10.93	1.1
S00430832	46.5	51	1.9	244	9.65	0.5
S00430833	47.3	47	4.1	167	10.75	0.8
S00430834	43.4	40	0.2	273	8.49	0.2
S00430835	71.1	43	0.3	455	8.50	0.2
S00430836	125	46	0.2	1489	8.01	0.3
S00430837	38.7	46	0.5	31	7.40	0.4
S00430838	28.9	32	0.4	149	6.04	0.3
S00430839	45.9	42	1.2	79	7.76	0.7
S00430840	1.2	<20	0.4	16	0.75	0.5
S00430841	43.2	<20	0.8	135	7.35	0.6
S00430842	40.9	25	1.0	106	7.44	0.7
S00430843	43.5	27	0.9	251	8.10	0.8
S00430844	42.3	35	1.0	144	7.70	0.8
S00430845	47.2	40	0.7	132	7.33	0.5
S00430846	46.5	62	1.0	177	7.56	0.6
S00430847	45.4	51	0.5	197	7.64	0.5
S00430848	43.2	58	0.5	123	7.53	0.5
S00430849	239	53	0.8	3889	10.31	0.6
S00430850	319	3408	0.2	3258	16.41	0.2
*Dup S00430839	44.2	39	1.2	75	7.78	0.7
*Rep S00430834	45.5	41	0.2	285	8.81	0.3
*Std MP-2a	4.1	137	6.0	409	4.96	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.7	150	5.8	463	4.89	1.3
*Std OREAS 927	29.7	72	5.2	11006	8.42	1.9
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00430819	43.0	660	0.6	27	7.86	0.2
*Std OREAS 623	223	34	2.8	17108	12.11	1.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430801	7.4	10	5.06	1101	<2	149
S00430802	8.1	13	5.28	1164	<2	147
S00430803	7.0	12	5.25	1106	<2	150
S00430804	6.4	9	5.21	1092	<2	150
S00430805	20.3	20	3.69	843	4	98
S00430806	11.9	24	4.17	930	<2	123
S00430807	4.6	7	0.77	214	2	27
S00430808	50.1	20	2.54	593	<2	63
S00430809	8.8	25	5.18	992	<2	141
S00430810	7.7	15	8.98	596	<2	12
S00430811	6.4	11	5.33	1091	<2	145
S00430812	6.7	11	5.32	1102	<2	147
S00430813	44.7	21	2.83	602	<2	72
S00430814	15.4	19	3.65	706	<2	95
S00430815	7.0	12	5.25	1058	<2	147
S00430816	23.8	15	3.75	585	<2	97
S00430817	18.6	19	4.43	892	<2	122
S00430818	10.0	24	6.34	1206	<2	172
S00430819	8.1	30	5.81	1158	<2	165
S00430820	3.9	34	13.79	1228	<2	3584
S00430821	8.2	22	3.77	835	<2	119
S00430822	14.6	13	2.26	587	<2	65
S00430823	24.3	17	2.79	622	<2	93
S00430824	53.9	19	1.93	936	<2	88
S00430825	14.2	15	3.97	1115	6	2498
S00430826	17.1	16	3.29	1324	<2	238
S00430827	18.1	16	3.06	1289	2	200
S00430828	16.3	13	3.63	1502	2	803

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430829	21.2	14	2.91	1507	<2	81
S00430830	20.3	15	2.83	1398	<2	85
S00430831	15.4	14	3.54	1267	3	1730
S00430832	15.1	14	3.27	1425	<2	121
S00430833	13.7	12	3.29	1572	<2	40
S00430834	11.3	11	3.51	1337	<2	180
S00430835	17.3	11	3.33	1101	<2	471
S00430836	14.7	11	3.38	1207	<2	708
S00430837	9.2	9	3.76	1295	<2	107
S00430838	6.0	8	2.51	1048	<2	130
S00430839	8.8	12	3.76	1307	<2	106
S00430840	4.8	10	7.95	563	<2	<10
S00430841	8.6	12	3.60	1220	<2	68
S00430842	8.1	12	3.55	1236	<2	77
S00430843	10.8	14	3.92	1306	<2	92
S00430844	10.2	13	3.61	1214	<2	84
S00430845	7.5	10	4.32	1271	<2	175
S00430846	6.4	10	4.07	1296	<2	119
S00430847	7.2	21	4.35	1286	<2	143
S00430848	8.1	11	4.19	1261	<2	133
S00430849	6.4	10	3.92	1174	<2	3203
S00430850	1.3	<5	14.30	996	2	11973
*Dup S00430839	8.5	12	3.93	1319	<2	100
*Rep S00430834	11.7	11	3.67	1383	<2	190
*Std MP-2a	151	91	0.10	1048	1482	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	160	99	0.10	1009	1713	11
*Std OREAS 927	40.8	39	2.28	1140	<2	31
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00430819	8.3	31	5.75	1170	<2	166
*Std OREAS 623	24.6	17	1.18	543	9	17

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430801	0.02	8	<1	<1	25.6	<50
S00430802	0.04	9	<1	<1	25.7	<50
S00430803	0.03	8	<1	<1	24.5	<50
S00430804	0.03	8	<1	<1	25.0	<50
S00430805	0.05	20	<1	<1	25.7	<50
S00430806	0.03	9	<1	<1	24.2	52
S00430807	0 01	3	1	1	40 0	<50
S00430808	0.05	13	<1	<1	25.2	<50
S00430809	0.02	11	<1	<1	23.2	<50
S00430810	0.03	10	<1	<1	8.2	<50
S00430811	0.02	8	<1	<1	24.3	<50
S00430812	0.02	7	<1	<1	24.3	<50
S00430813	0.03	11	<1	<1	27.3	<50
S00430814	0.03	10	<1	<1	27.1	<50
S00430815	0.04	8	<1	<1	24.0	<50
S00430816	0.04	9	<1	<1	25.6	<50
S00430817	0.03	9	<1	<1	24.7	<50
S00430818	0.02	5	<1	<1	22.2	<50
S00430819	0.02	4	<1	<1	20.4	<50
S00430820	0.04	6	1	3	17.3	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430821	0.04	5	<1	<1	19.9	<50
S00430822	0.03	6	<1	<1	24.1	<50
S00430823	0.02	6	<1	<1	23.1	<50
S00430824	0.05	9	<1	<1	24.0	<50
S00430825	0.03	11	<1	<1	21.9	<50
S00430826	0.07	11	<1	<1	22.8	<50
S00430827	0.07	11	<1	<1	25.7	<50
S00430828	0.06	8	<1	<1	22.0	<50
S00430829	0.07	8	<1	<1	22.3	<50
S00430830	0.06	9	<1	<1	21.6	<50
S00430831	0.04	10	1	<1	20.7	<50
S00430832	0.06	8	<1	<1	21.7	<50
S00430833	0.05	8	<1	<1	20.0	<50
S00430834	0.02	11	<1	<1	20.1	<50
S00430835	0.06	11	<1	<1	18.8	<50
S00430836	0.02	16	<1	<1	19.9	<50
S00430837	0.02	8	<1	<1	23.1	<50
S00430838	0.03	8	<1	<1	23.2	<50
S00430839	0.01	7	<1	<1	21.0	<50
S00430840	0.01	8	<1	<1	5.9	<50
S00430841	0.02	8	<1	<1	19.3	<50
S00430842	0.02	10	<1	<1	20.1	<50
S00430843	0.02	11	<1	<1	20.4	<50
S00430844	0.02	12	<1	<1	21.5	<50
S00430845	<0.01	8	<1	<1	21.7	<50
S00430846	<0.01	8	<1	<1	20.9	<50
S00430847	0.01	8	<1	<1	21.3	<50
S00430848	0.01	7	<1	<1	21.0	<50
S00430849	0.01	8	2	<1	19.8	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51-100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430850	<0.01	17	6	2	13.1	<50
*Dup S00430839	0.01	7	<1	<1	21.6	<50
*Rep S00430834	0.02	11	<1	<1	20.9	<50
*Std MP-2a	<0.01	2974	<1	6	28.9	538
*Blk BLANK	<0.01	2	<1	<1	<0.1	<50
*Std MP-2a	0.01	2936	<1	7	32.5	537
*Std OREAS 927	0.05	223	1	2	30.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00430819	0.02	5	<1	<1	20.9	<50
*Std OREAS 623	0.04	2582	8	26	22.4	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430801	225	<1	0.35	221	<5	12.6
S00430802	221	<1	0.37	227	<5	13.5
S00430803	221	<1	0.32	207	<5	11.7
S00430804	224	<1	0.32	211	<5	11.7
S00430805	232	<1	0.45	176	<5	20.8
S00430806	193	<1	0.35	205	<5	16.5
S00430807	17	<1	0.04	33	<5	3.4
S00430808	273	<1	0.49	125	6	46.8
S00430809	145	<1	0.30	189	<5	11.9
S00430810	132	<1	0.07	15	<5	10.3
S00430811	210	<1	0.30	187	<5	11.2
S00430812	197	<1	0.31	195	<5	11.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430813	103	<1	0.41	132	8	15.2
S00430814	113	<1	0.42	157	<5	15.2
S00430815	188	<1	0.31	193	<5	11.5
S00430816	177	<1	0.39	146	<5	16.8
S00430817	177	<1	0.36	176	<5	16.2
S00430818	109	<1	0.35	226	<5	15.3
S00430819	86	<1	0.35	212	<5	15.4
S00430820	32	1	0.30	122	<5	8.4
S00430821	89	<1	0.36	147	<5	13.1
S00430822	79	<1	0.67	93	6	23.9
S00430823	112	<1	0.45	103	<5	20.4
S00430824	162	<1	0.67	197	<5	29.3
S00430825	172	2	0.39	278	<5	13.4
S00430826	185	<1	1.13	337	<5	24.7
S00430827	200	<1	1.01	274	<5	22.7
S00430828	168	<1	0.99	306	<5	22.7
S00430829	166	<1	1.23	305	<5	27.0
S00430830	169	<1	1.11	281	<5	25.3
S00430831	148	2	0.65	244	<5	17.1
S00430832	135	<1	1.13	290	<5	24.3
S00430833	137	<1	1.27	324	<5	26.3
S00430834	203	<1	0.45	188	<5	14.4
S00430835	189	<1	1.19	288	<5	25.7
S00430836	211	<1	0.41	158	<5	15.0
S00430837	240	<1	0.45	192	<5	12.4
S00430838	281	<1	0.30	193	<5	10.3
S00430839	195	<1	0.37	170	<5	12.5
S00430840	119	<1	0.06	11	<5	7.8
S00430841	184	<1	0.34	157	<5	12.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430842	180	<1	0.34	168	<5	12.0
S00430843	195	<1	0.46	188	<5	15.4
S00430844	201	<1	0.44	192	<5	15.3
S00430845	171	<1	0.31	196	<5	10.8
S00430846	174	<1	0.42	213	<5	11.5
S00430847	190	<1	0.42	209	<5	12.6
S00430848	193	<1	0.43	208	<5	15.3
S00430849	159	3	0.35	189	<5	13.5
S00430850	19	<1	0.09	62	<5	3.7
*Dup S00430839	197	<1	0.38	171	<5	12.9
*Rep S00430834	211	<1	0.46	198	<5	15.0
*Std MP-2a	24	5	0.03	6	3554	216
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	16	6	0.03	<5	3504	238
*Std OREAS 927	33	1	0.32	74	8	23.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430819	88	<1	0.36	212	<5	15.6
*Std OREAS 623	82	<1	0.13	24	<5	16.1

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430801	1.3	71	0.021
S00430802	1.4	77	0.018
S00430803	1.2	69	0.013
S00430804	1.2	72	0.019
S00430805	2.0	68	0.072

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430806	1.6	68	0.007
S00430807	0.3	16	<0.005
S00430808	3.7	54	0.011
S00430 09	1.2	75	0.012
S00430810	0.9	42	0.018
S00430811	1.2	73	0.019
S00430812	1.3	71	0.012
S00430813	1.5	59	0.069
S00430 14	1.7	60	0.076
S00430815	1.2	71	0.018
S00430816	1.7	61	<0.005
S00430817	1.7	69	0.008
S00430818	1.7	94	0.010
S00430 19	1.6	90	0.006
S00430820	0.9	109	1.781
S00430821	1.5	71	0.014
S00430822	2.3	53	0.009
S00430823	1.9	57	0.029
S00430 4	3.2	96	0.047
S00430825	1.5	123	1.472
S00430826	2.6	120	0.217
S00430827	2.5	123	0.179
S00430828	2.6	119	0.668
S00430 9	3.1	111	0.153
S00430830	2.9	111	0.144
S00430831	2.0	120	1.772
S00430832	2.7	111	0.156
S00430833	3.0	122	0.134
S00430 34	1.8	87	0.105
S00430835	3.1	95	0.621

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 100
 Core (51 100)
 Number of Samples 50

ANALYSIS REPORT BBM21-10245

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430836	1.7	110	0.999
S00430837	1.2	69	0.011
S00430838	1.1	52	0.053
S00430 39	1.5	79	0.016
S00430840	0.7	36	0.017
S00430841	1.5	77	0.025
S00430842	1.5	79	0.025
S00430843	2.0	93	0.040
S00430 44	1.9	83	0.028
S00430845	1.3	79	0.012
S00430846	1.4	83	0.032
S00430847	1.5	81	0.039
S00430848	1.6	76	0.023
S00430 49	1.4	113	2.676
S00430850	0.4	92	7.244
*Dup S00430839	1.5	74	0.016
*Rep S00430834	1.9	91	-
*Std MP-2a	31.2	5309	-
*Std GS314	-	-	2.569
*Rep S00430807	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Rep S00430831	-	-	1.752
*Blk BLANK	-	-	<0.005
*Std GS314	-	-	2.583
*Blk BLANK	<0.1	8	-
*Std MP-2a	29.8	5954	-
*Std OREAS 927	2.5	738	-
*Blk BLANK	<0.1	7	-
*Rep S00430 19	1.6	96	-
*Std OREAS 623	1.8	9726	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare / Exploration / 100
Core (51-100)
Number of Samples 50

ANALYSIS REPORT BBM21-10245

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10340

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	15-Jun-2021
Project	Shakespeare exploration	Date Analysed	17-Jun-2021 - 22-Aug-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	22-Aug-2021
Core		SGS Order Number	BBM21-10340
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00430851	2.50	352	440	560	<5	6.82
S00430852	1.71	329	380	516	<5	6.66
S00430853	1.91	199	360	438	<5	6.77
S00430854	2.32	288	440	513	<5	6.76
S00430855	2.20	283	460	563	<5	6.62
S00430856	2.26	244	430	530	<5	6.83
S00430857	2.23	306	400	516	<5	6.75
S00430858	0.68	251	360	432	<5	6.97
S00430859	2.02	14	20	20	<5	7.04
S00430860	0.54	<5	<10	<5	<5	1.07
S00430861	1.39	<5	10	9	<5	7.26
S00430862	3.21	<5	<10	8	<5	7.10
S00430863	3.20	<5	<10	8	<5	7.08
S00430864	3.01	<5	<10	9	<5	7.23
S00430865	3.08	<5	<10	7	<5	7.56
S00430866	3.02	<5	<10	7	<5	7.39
S00430867	3.13	6	<10	14	<5	7.00
S00430868	1.80	<5	<10	8	<5	6.84
S00430869	2.02	<5	<10	6	<5	7.53
S00430870	0.11	68	450	597	<5	2.91
S00430871	0.92	<5	<10	6	<5	7.23
S00430872	3.20	<5	<10	6	<5	7.58
S00430873	3.20	<5	<10	14	<5	8.12
S00430874	2.50	25	<10	15	<5	8.13
S00430875	2.64	<5	<10	27	<5	8.01
S00430876	1.29	<5	<10	12	<5	7.92
S00430877	1.75	<5	<10	10	<5	7.92
S00430878	3.20	<5	<10	11	<5	7.45
S00430879	0.89	<5	<10	<5	<5	8.18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element Method	WTG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00430880	0.60	<5	<10	12	<5	8.16
S00430881	3.05	<5	<10	15	<5	8.15
S00430882	2.84	<5	<10	7	<5	7.72
S00430883	2.75	<5	<10	6	<5	8.16
S00430884	2.88	<5	<10	8	<5	8.39
S00430885	2.91	<5	<10	7	<5	7.64
S00430886	2.96	<5	<10	7	<5	8.10
S00430887	2.89	<5	<10	7	<5	8.09
S00430888	1.43	<5	<10	8	<5	8.43
S00430889	2.21	<5	<10	6	<5	6.29
S00430890	0.68	<5	<10	<5	<5	0.98
S00430891	0.90	13	<10	9	<5	7.45
S00430892	2.84	<5	<10	6	<5	6.28
S00430893	2.51	6	<10	8	<5	7.07
S00430894	1.99	<5	<10	7	<5	6.74
S00430895	2.81	<5	<10	9	<5	7.93
S00430896	0.93	<5	<10	8	<5	7.25
S00430897	1.16	5	<10	7	<5	6.23
S00430898	2.82	<5	<10	6	<5	7.92
S00430899	2.79	<5	<10	8	<5	8.53
S00430900	0.11	38	570	1050	<5	1.50
*Dup S00430889	-	<5	<10	6	<5	6.13
*Blk BLANK	-	-	-	-	<5	0.01
*Rep S00430861	-	-	-	-	<5	7.30
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	5	6.58
*Rep S00430889	-	-	-	-	<5	6.32
*Std OREAS 623	-	-	-	-	21	4.77
*Std MP-2a	-	-	-	-	<5	5.89

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 680	-	148	390	209	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	61	-	-
*Rep S00430869	-	<5	<10	6	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std PGMS-27	-	4960	1230	1960	-	-
*Rep S00430899	-	<5	<10	8	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430851	204	102	<1	14.9	6.5	0.9
S00430852	87	117	<1	15.6	6.5	1.0
S00430853	122	17	<1	9.5	6.2	0.2
S00430854	120	101	<1	14.6	6.8	1.3
S00430855	98	114	<1	16.1	6.9	1.0
S00430856	98	116	<1	14.9	7.3	0.9
S00430857	614	107	<1	12.8	7.0	0.8
S00430858	54	117	<1	12.2	7.3	1.0
S00430859	15	151	<1	0.8	6.9	<0.2
S00430860	<3	102	<1	0.1	18.5	0.3
S00430861	3	144	<1	0.3	7.5	<0.2
S00430862	6	130	<1	0.2	7.5	<0.2
S00430863	5	129	<1	<0.1	7.4	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430864	5	127	<1	<0.1	7.3	<0.2
S00430865	5	112	<1	0.1	7.9	<0.2
S00430866	3	136	<1	0.1	7.7	<0.2
S00430867	<3	121	<1	0.1	7.1	<0.2
S00430868	5	91	<1	0.1	7.3	<0.2
S00430869	5	136	<1	<0.1	8.0	<0.2
S00430870	201	108	<1	0.2	3.4	0.4
S00430871	8	117	<1	<0.1	7.6	<0.2
S00430872	11	140	<1	<0.1	8.0	<0.2
S00430873	6	130	<1	<0.1	8.3	<0.2
S00430874	3	166	<1	<0.1	7.6	0.3
S00430875	5	159	<1	<0.1	8.1	<0.2
S00430876	<3	107	<1	0.2	7.8	<0.2
S00430877	4	81	<1	0.2	8.4	<0.2
S00430878	4	135	<1	<0.1	7.5	<0.2
S00430879	6	163	<1	<0.1	7.3	<0.2
S00430880	5	177	<1	<0.1	7.2	<0.2
S00430881	<3	133	<1	<0.1	7.7	<0.2
S00430882	<3	622	2	<0.1	2.5	<0.2
S00430883	<3	936	2	<0.1	2.3	<0.2
S00430884	<3	457	3	0.2	4.0	<0.2
S00430885	<3	506	2	0.2	4.6	<0.2
S00430886	<3	457	2	0.2	5.6	<0.2
S00430887	<3	471	2	0.1	4.8	<0.2
S00430888	<3	592	1	<0.1	4.5	<0.2
S00430889	<3	421	<1	0.2	9.9	<0.2
S00430890	<3	70	<1	<0.1	20.2	<0.2
S00430891	<3	534	1	0.3	7.1	0.3
S00430892	<3	365	1	0.1	5.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00430893	<3	489	1	0.1	4.6	<0.2
S00430894	<3	492	1	0.1	4.9	<0.2
S00430895	5	477	2	0.8	4.9	<0.2
S00430896	<3	541	1	0.2	5.6	<0.2
S00430897	<3	312	<1	0.2	5.8	<0.2
S00430898	<3	593	1	<0.1	4.9	<0.2
S00430899	3	539	2	<0.1	4.8	<0.2
S00430900	4	22	<1	0.5	1.0	0.7
*Dup S00430889	<3	438	<1	0.2	9.7	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.4
*Rep S00430861	<3	144	<1	0.3	7.3	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	18	311	2	58.9	0.5	1.2
*Rep S00430889	<3	434	<1	0.2	10.1	<0.2
*Std OREAS 623	78	1365	1	18.1	1.5	54.6
*Std MP-2a	5535	12	2	>1000	3.2	14.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430851	208	76	0.7	4220	9.83	0.4
S00430852	178	85	0.8	4438	9.99	0.4
S00430853	253	82	0.1	2066	10.58	0.1
S00430854	192	87	0.9	4965	10.15	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430855	190	84	1.1	4954	10.17	0.4
S00430856	182	91	1.3	5051	10.18	0.5
S00430857	207	83	0.8	4314	9.51	0.5
S00430858	128	96	0.9	4135	9.14	0.5
S00430859	51.7	88	1.0	259	7.50	0.6
S00430860	2.4	31	0.4	32	0.76	0.4
S00430861	47.8	100	1.2	101	7.30	0.6
S00430862	46.0	96	1.1	100	7.01	0.6
S00430863	45.0	95	1.4	94	6.93	0.5
S00430864	46.2	103	1.2	103	7.06	0.6
S00430865	47.8	109	0.9	90	7.37	0.5
S00430866	46.3	106	1.3	91	7.14	0.5
S00430867	43.2	107	1.0	72	6.80	0.5
S00430868	42.4	106	0.7	79	6.53	0.4
S00430869	45.6	151	0.8	64	7.05	0.6
S00430870	192	3019	2.2	2722	10.92	0.2
S00430871	42.8	144	0.7	64	6.62	0.5
S00430872	45.4	153	0.7	117	6.78	0.6
S00430873	44.3	201	1.2	81	6.58	0.6
S00430874	44.8	202	1.1	1468	6.76	0.7
S00430875	44.2	209	0.9	64	6.85	0.6
S00430876	41.7	223	0.7	56	6.68	0.5
S00430877	40.5	227	0.5	37	6.71	0.4
S00430878	45.2	395	0.9	56	6.56	0.6
S00430879	43.9	241	1.1	66	6.40	0.7
S00430880	42.9	246	1.1	79	6.34	0.7
S00430881	43.6	288	0.9	90	6.60	0.6
S00430882	39.6	65	1.5	74	7.83	2.7
S00430883	33.5	62	1.7	49	7.68	3.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00430884	42.9	60	1.0	93	7.19	1.8
S00430885	39.2	64	0.7	181	7.35	1.5
S00430886	32.3	64	0.6	74	7.39	1.4
S00430887	38.2	64	0.8	63	7.48	1.6
S00430888	33.9	62	1.1	37	8.19	2.3
S00430889	52.1	56	0.3	185	7.76	1.0
S00430890	2.3	23	0.3	23	0.79	0.4
S00430891	72.7	55	0.3	2476	9.80	1.4
S00430892	54.6	63	0.4	287	8.68	1.3
S00430893	47.9	56	0.7	187	9.21	1.8
S00430894	39.5	142	0.7	113	8.16	1.7
S00430895	37.5	61	0.8	60	7.59	1.8
S00430896	44.7	60	0.6	902	8.29	1.7
S00430897	78.9	75	0.5	264	9.25	1.1
S00430898	39.8	59	0.8	116	7.95	2.1
S00430899	46.8	61	0.9	106	7.68	2.1
S00430900	360	3399	0.2	4423	15.88	<0.1
*Dup S00430889	52.8	57	0.3	166	7.64	1.0
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00430861	47.4	100	1.2	99	7.27	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	28.3	85	4.9	9900	8.11	1.9
*Rep S00430889	52.3	57	0.3	181	7.69	1.1
*Std OREAS 623	214	41	2.7	18872	13.40	1.4
*Std MP-2a	5.3	163	5.6	430	4.94	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430851	8.7	11	4.16	1233	<2	3822
S00430852	9.4	10	4.16	1275	<2	3674
S00430853	9.4	15	4.81	1282	<2	3354
S00430854	8.1	10	4.26	1291	<2	4008
S00430855	8.7	9	4.21	1275	<2	4087
S00430856	8.6	9	4.28	1300	<2	3871
S00430857	10.2	8	4.48	1290	<2	3761
S00430858	9.0	8	4.51	1302	<2	2971
S00430859	9.9	11	4.50	1308	<2	282
S00430860	9.7	10	8.44	654	<2	18
S00430861	9.3	9	4.46	1322	<2	134
S00430862	8.6	9	4.66	1271	<2	122
S00430863	8.9	10	4.60	1272	<2	118
S00430864	8.7	9	4.56	1295	<2	126
S00430865	8.4	8	4.71	1291	<2	128
S00430866	8.8	10	4.70	1319	<2	128
S00430867	7.6	9	4.49	1219	<2	121
S00430868	7.2	7	4.47	1211	<2	118
S00430869	8.4	13	5.08	1314	<2	132
S00430870	4.6	29	14.42	1410	<2	3847
S00430871	7.8	10	4.88	1226	<2	125
S00430872	7.4	8	4.94	1270	<2	133
S00430873	7.7	9	4.77	1283	<2	124
S00430874	7.7	10	4.64	1211	<2	135
S00430875	8.4	10	4.89	1210	<2	134
S00430876	7.3	7	4.75	1232	<2	130
S00430877	7.2	8	4.88	1243	<2	136
S00430878	6.7	9	5.45	1235	<2	153
S00430879	7.2	10	4.87	1193	<2	135

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430880	8.1	10	4.94	1194	<2	131
S00430881	7.8	10	4.93	1207	<2	154
S00430882	25.3	38	4.89	1241	<2	68
S00430883	30.5	38	4.77	1196	<2	50
S00430884	26.8	21	3.76	1183	<2	70
S00430885	26.2	19	3.76	1291	2	62
S00430886	31.1	19	3.17	1326	<2	49
S00430887	29.5	20	3.19	1337	<2	60
S00430888	32.0	29	3.81	1482	<2	60
S00430889	26.2	13	1.99	1293	31	76
S00430890	7.9	10	9.32	615	<2	11
S00430891	28.7	15	2.53	1329	24	115
S00430892	19.8	19	2.50	1152	18	110
S00430893	23.6	25	2.96	1221	34	69
S00430894	24.9	24	2.98	1336	15	429
S00430895	26.1	27	3.38	1363	4	62
S00430896	27.9	24	2.35	1089	6	71
S00430897	23.2	16	1.65	925	130	92
S00430898	27.4	27	3.42	1306	3	65
S00430899	30.7	30	3.34	1271	<2	67
S00430900	1.4	<5	16.05	991	3	16512
*Dup S00430889	27.3	13	2.05	1278	31	76
*Blk BLANK	<0.1	<5	0.01	10	<2	<10
*Rep S00430861	9.5	9	4.80	1318	<2	134
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	35.6	35	2.24	1169	<2	33
*Rep S00430889	26.9	13	1.98	1290	32	85
*Std OREAS 623	25.4	16	1.29	601	10	23
*Std MP-2a	170	94	0.10	1061	1598	12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430851	0.03	9	3	<1	22.2	<50
S00430852	0.04	8	3	<1	22.6	<50
S00430853	0.03	15	3	<1	22.0	<50
S00430854	0.03	9	3	<1	22.5	<50
S00430855	0.03	8	3	<1	22.2	<50
S00430856	0.03	8	3	<1	22.9	<50
S00430857	0.03	6	3	2	23.0	<50
S00430858	0.03	8	2	<1	23.6	<50
S00430859	0.03	6	<1	<1	23.6	<50
S00430860	0.02	7	<1	<1	7.8	66
S00430861	0.03	6	<1	<1	24.5	<50
S00430862	0.03	6	<1	<1	23.1	<50
S00430863	0.03	6	<1	<1	23.3	<50
S00430864	0.03	6	<1	<1	23.2	<50
S00430865	0.03	6	<1	<1	24.4	<50
S00430866	0.04	6	<1	<1	24.5	<50
S00430867	0.02	6	<1	<1	22.3	<50
S00430868	0.03	8	<1	<1	21.5	<50
S00430869	0.03	6	<1	<1	24.8	<50
S00430870	0.03	6	2	4	18.6	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430871	0.02	5	<1	<1	24.8	<50
S00430872	0.03	6	<1	<1	24.7	<50
S00430873	0.03	5	<1	<1	24.3	<50
S00430874	0.03	6	<1	<1	25.0	<50
S00430875	0.03	7	<1	<1	24.9	<50
S00430876	0.03	7	<1	<1	25.1	<50
S00430877	0.03	6	<1	<1	24.6	<50
S00430878	0.02	4	<1	<1	24.7	<50
S00430879	0.02	5	<1	<1	24.3	<50
S00430880	0.03	5	<1	<1	25.0	<50
S00430881	0.03	5	<1	<1	24.5	<50
S00430882	0.07	15	<1	<1	25.2	<50
S00430883	0.06	17	<1	<1	25.6	<50
S00430884	0.06	24	2	<1	26.2	<50
S00430885	0.10	28	1	<1	26.5	<50
S00430886	0.08	15	<1	<1	26.5	<50
S00430887	0.06	16	<1	<1	25.7	<50
S00430888	0.06	12	<1	<1	25.5	<50
S00430889	0.12	15	2	<1	24.8	<50
S00430890	0.02	13	<1	<1	6.6	<50
S00430891	0.10	17	3	<1	23.5	<50
S00430892	0.06	15	3	<1	25.9	<50
S00430893	0.08	16	3	<1	26.4	<50
S00430894	0.09	14	2	<1	26.5	<50
S00430895	0.06	14	<1	<1	25.4	<50
S00430896	0.14	15	2	<1	24.9	<50
S00430897	0.10	13	4	<1	27.8	<50
S00430898	0.07	15	1	<1	25.7	<50
S00430899	0.08	18	1	<1	26.9	<50

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 Core
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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00430900	0.01	13	8	2	15.2	<50
*Dup S00430889	0.12	16	2	<1	23.9	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00430861	0.03	6	<1	<1	24.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.06	198	2	2	29.7	<50
*Rep S00430889	0.12	16	3	<1	24.8	<50
*Std OREAS 623	0.07	2326	10	29	23.1	<50
*Std MP-2a	0.01	2864	<1	7	32.1	572
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430851	163	4	0.38	231	<5	12.6
S00430852	159	4	0.40	226	<5	12.7
S00430853	142	3	0.44	250	<5	14.0
S00430854	164	4	0.40	237	<5	12.7
S00430855	158	4	0.39	227	<5	12.3
S00430856	166	4	0.40	237	<5	12.8
S00430857	160	3	0.39	232	<5	12.9
S00430858	176	3	0.40	233	<5	12.5
S00430859	161	<1	0.42	238	<5	13.4
S00430860	139	<1	0.07	13	<5	9.1
S00430861	177	<1	0.42	243	<5	13.2

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430862	169	<1	0.41	231	<5	12.7
S00430863	167	<1	0.39	231	<5	12.7
S00430864	168	<1	0.40	239	<5	13.3
S00430865	180	<1	0.41	247	<5	13.1
S00430866	179	<1	0.41	237	<5	12.9
S00430867	163	<1	0.37	225	<5	12.1
S00430868	170	<1	0.37	225	<5	11.7
S00430869	182	<1	0.39	239	<5	12.6
S00430870	31	1	0.34	138	<5	8.3
S00430871	170	<1	0.36	222	<5	11.6
S00430872	180	<1	0.38	235	<5	12.1
S00430873	177	<1	0.38	218	<5	12.0
S00430874	172	<1	0.38	222	<5	12.0
S00430875	185	<1	0.39	231	<5	12.3
S00430876	220	<1	0.37	232	<5	13.0
S00430877	221	<1	0.38	227	<5	12.0
S00430878	160	<1	0.33	222	<5	10.7
S00430879	175	<1	0.35	205	<5	10.5
S00430880	178	<1	0.35	205	<5	10.7
S00430881	173	<1	0.36	209	<5	11.0
S00430882	83	<1	0.45	165	<5	24.9
S00430883	85	<1	0.46	174	<5	27.6
S00430884	142	<1	0.47	183	<5	31.5
S00430885	139	<1	0.44	166	<5	32.6
S00430886	168	<1	0.46	177	<5	31.8
S00430887	160	<1	0.46	175	<5	30.5
S00430888	146	<1	0.50	180	<5	30.8
S00430889	160	<1	0.31	127	<5	27.1
S00430890	127	<1	0.06	13	<5	7.6

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00430891	156	<1	0.37	166	<5	30.8
S00430892	128	<1	0.33	134	<5	24.4
S00430893	131	<1	0.39	159	<5	29.7
S00430894	119	<1	0.40	161	<5	28.8
S00430895	144	<1	0.47	182	5	31.3
S00430896	149	<1	0.43	170	<5	32.5
S00430897	151	<1	0.32	135	<5	27.5
S00430898	142	<1	0.44	162	<5	29.2
S00430899	175	<1	0.47	178	<5	33.6
S00430900	<10	1	0.09	71	<5	3.4
*Dup S00430889	154	<1	0.30	120	<5	26.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00430861	177	<1	0.42	240	<5	13.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.35	78	8	22.5
*Rep S00430889	159	<1	0.31	125	<5	27.3
*Std OREAS 623	83	<1	0.15	26	<5	16.5
*Std MP-2a	16	7	0.03	<5	3521	235
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430851	1.3	116	2.222
S00430852	1.4	118	2.072

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430853	1.6	88	2.348
S00430854	1.3	133	2.215
S00430855	1.4	105	2.255
S00430 56	1.4	105	2.107
S00430857	1.4	102	1.896
S00430858	1.4	108	1.721
S00430859	1.4	78	0.109
S00430860	0.9	30	0.017
S00430 61	1.5	79	0.028
S00430862	1.4	86	0.040
S00430863	1.4	78	0.038
S00430864	1.3	82	0.039
S00430865	1.5	82	0.039
S00430 66	1.4	86	0.047
S00430867	1.3	80	0.038
S00430868	1.2	77	0.049
S00430869	1.4	83	0.033
S00430870	0.8	113	1.793
S00430 71	1.2	77	0.045
S00430872	1.3	73	0.047
S00430873	1.3	84	0.042
S00430874	1.4	93	0.185
S00430875	1.3	79	0.036
S00430 76	1.4	83	0.038
S00430877	1.2	73	0.031
S00430878	1.1	70	0.031
S00430879	1.2	79	0.034
S00430880	1.2	68	0.039
S00430 1	1.2	76	0.041
S00430882	3.1	142	0.233

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00430883	3.3	127	0.313
S00430884	3.5	95	1.234
S00430885	3.6	94	1.264
S00430 6	3.6	94	0.663
S00430887	3.4	104	0.547
S00430888	3.7	125	0.246
S00430889	2.8	69	1.765
S00430890	0.7	32	0.034
S00430 91	3.4	109	2.720
S00430892	2.6	78	2.195
S00430893	3.2	98	1.940
S00430894	3.2	102	1.231
S00430895	3.4	111	0.500
S00430 96	3.3	81	1.924
S00430897	3.2	55	3.193
S00430898	3.5	109	0.943
S00430899	3.9	103	0.921
S00430900	0.4	103	7.278
*Dup S00430 9	2.7	71	1.804
*Blk BLANK	<0.1	<5	-
*Rep S00430861	1.5	78	-
*Blk BLANK	<0.1	6	-
*Std OREAS 927	2.3	744	-
*Rep S00430 9	2.8	64	-
*Std OREAS 623	1.7	9843	-
*Std MP-2a	30.1	5808	-
*Blk BLANK	<0.1	7	-
*Blk BLANK	<0.1	<5	-
*Rep S00430 60	-	-	0.024
*Std GS314-2	-	-	2.568

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ Exploration/ 50
Core
Number of Samples 50

ANALYSIS REPORT BBM21-10340

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Blk BLANK	-	-	0.008
*Blk BLANK	-	-	0.007
*Rep S00430889	-	-	1.767
*Std GS314	-	-	2.568

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10578

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	23-Jun-2021
Project	Shakespeare exploration	Date Analysed	23-Jun-2021 - 07-Sep-2021
Submission Number	*SD* Shakespeare/ 2 Core	Date Completed	07-Sep-2021
Number of Samples	2	SGS Order Number	BBM21-10578

Methods Summary

Number of Sample	Method Code	Description
2	G WGH KG	Weight of samples received
2	G_PRP	Combined Sample Preparation
2	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
2	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
2	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
2	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 2 Core
 Number of Sample 2

ANALYSIS REPORT BBM21-10578

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
E00099503	1.52	<5	<10	8	<5	8.95
E00099504	1.97	5	<10	<5	<5	9.25
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.47
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	60	-	-
*Std OREAS 680	-	143	380	217	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
E00099503	4	49	1	0.8	1.3	<0.2
E00099504	<3	46	2	0.9	1.6	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	16	294	2	61.4	0.5	0.9

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
E00099503	28.8	176	1.5	262	5.10	0.6
E00099504	14.7	155	1.1	72	4.47	0.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	29.7	68	5.0	10505	8.63	1.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 2 Core
 Number of Sample 2

ANALYSIS REPORT BBM21-10578

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099503	85.2	16	2.64	237	4	766
E00099504	193	15	2.30	234	2	187
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	35.2	37	2.06	1137	<2	34

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
E00099503	0.02	24	<1	<1	26.6	<50
E00099504	0.03	16	<1	<1	27.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.05	225	2	2	30.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099503	65	<1	0.25	126	<5	14.3
E00099504	82	<1	0.80	185	<5	19.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	34	<1	0.34	75	8	22.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ 2 Core
Number of Sample 2

ANALYSIS REPORT BBM21-10578

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
E00099503	1.5	36	0.411
E00099504	1.9	47	0.085
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.1	741	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.537
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.514

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-10874

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	06-Jul-2021
Project	Shakespeare exploration	Date Analysed	09-Jul-2021 - 14-Sep-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	14-Sep-2021
Samples		SGS Order Number	BBM21-10874
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431301	1.97	5	<10	<5	<5	6.71
S00431302	1.72	<5	<10	<5	<5	6.49
S00431303	1.71	5	<10	<5	<5	6.72
S00431304	0.35	40	<10	<5	<5	5.71
S00431305	1.28	15	<10	8	<5	6.48
S00431306	1.75	15	<10	10	<5	7.58
S00431307	1.80	9	10	9	<5	7.23
S00431308	2.00	5	<10	10	<5	7.32
S00431309	0.85	5	<10	9	<5	6.99
S00431310	0.83	5	<10	<5	<5	0.95
S00431311	1.90	7	<10	10	<5	7.87
S00431312	2.13	7	<10	10	<5	7.63
S00431313	0.53	77	10	8	<5	6.00
S00431314	1.79	7	10	10	<5	7.79
S00431315	1.90	<5	10	10	<5	7.51
S00431316	1.81	<5	<10	<5	<5	7.18
S00431317	0.61	<5	<10	<5	<5	0.91
S00431318	1.86	7	<10	<5	<5	7.58
S00431319	1.38	<5	<10	10	<5	7.53
S00431320	0.11	78	470	599	<5	2.86
S00431321	0.67	8	<10	7	<5	4.72
S00431322	1.70	<5	<10	9	<5	6.82
S00431323	1.92	<5	10	10	<5	7.26
S00431324	0.50	<5	<10	8	<5	7.63
S00431325	1.79	<5	<10	<5	<5	7.93
S00431326	1.94	<5	<10	<5	<5	6.54
S00431327	1.42	8	<10	<5	<5	7.89
S00431328	1.84	<5	<10	<5	<5	7.25
S00431329	0.52	<5	<10	8	<5	7.10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431330	1.05	<5	<10	8	<5	7.03
S00431331	1.95	<5	10	10	<5	7.65
S00431332	0.77	<5	<10	10	<5	5.96
S00431333	1.23	8	<10	<5	<5	8.28
S00431334	1.28	7	<10	<5	<5	8.25
S00431335	1.36	<5	<10	<5	<5	6.51
S00431336	1.46	<5	<10	6	<5	7.72
S00431337	1.12	<5	<10	<5	<5	6.79
S00431338	1.74	<5	<10	<5	<5	7.15
S00431339	0.45	<5	<10	<5	<5	6.67
S00431340	1.01	<5	<10	<5	<5	0.88
S00431341	1.85	<5	<10	<5	<5	6.84
S00431342	1.69	<5	<10	<5	<5	10.79
S00431343	0.43	8	<10	6	<5	10.31
S00431344	1.57	<5	<10	<5	<5	10.22
S00431345	1.91	<5	10	10	<5	7.60
S00431346	1.44	5	<10	<5	<5	2.77
S00431347	2.01	<5	10	12	<5	8.33
S00431348	1.72	<5	10	11	<5	8.64
S00431349	1.84	<5	<10	<5	<5	4.05
S00431350	0.11	42	560	1040	<5	1.44
*Dup S00431339	-	<5	<10	<5	<5	6.46
*Std MP-2a	-	-	-	-	<5	6.05
*Rep S00431350	-	-	-	-	<5	1.47
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	22	5.29
*Std OREAS 927	-	-	-	-	<5	6.78
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431317	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00431338	-	<5	<10	<5	-	-
*Std OREAS 681	-	51	520	243	-	-
*Std OREAS 680	-	145	380	210	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std MP-2a	-	-	-	-	<5	6.05
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431332	-	-	-	-	<5	6.01

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431301	<3	76	<1	1.0	1.1	<0.2
S00431302	3	76	1	1.2	1.2	<0.2
S00431303	<3	65	<1	0.7	1.8	<0.2
S00431304	<3	113	<1	1.4	1.0	0.7
S00431305	7	77	<1	1.2	0.7	<0.2
S00431306	<3	149	2	0.7	0.8	<0.2
S00431307	<3	207	2	0.6	0.8	<0.2
S00431308	<3	423	3	0.6	1.1	<0.2
S00431309	<3	432	2	0.5	2.0	<0.2
S00431310	<3	164	<1	<0.1	19.6	<0.2
S00431311	8	567	2	0.3	3.9	<0.2
S00431312	5	527	2	0.5	2.7	<0.2
S00431313	<3	82	<1	1.1	1.0	2.7
S00431314	4	480	3	0.5	3.2	<0.2
S00431315	7	491	3	0.5	4.2	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431316	<3	1559	2	0.1	1.4	<0.2
S00431317	<3	77	<1	0.1	5.5	1.6
S00431318	15	1510	2	0.2	1.7	0.2
S00431319	<3	1039	2	0.2	3.4	<0.2
S00431320	185	104	<1	0.1	3.3	0.4
S00431321	<3	487	1	1.5	6.5	<0.2
S00431322	5	940	2	0.2	4.3	<0.2
S00431323	<3	649	2	0.1	3.7	<0.2
S00431324	<3	679	2	0.1	4.7	<0.2
S00431325	9	791	2	<0.1	3.7	<0.2
S00431326	<3	867	2	<0.1	4.2	<0.2
S00431327	<3	872	2	0.4	6.9	0.3
S00431328	<3	708	2	0.3	6.6	0.4
S00431329	<3	817	2	<0.1	4.3	<0.2
S00431330	4	781	2	<0.1	4.3	<0.2
S00431331	5	871	2	<0.1	4.2	<0.2
S00431332	<3	553	1	0.2	5.8	0.2
S00431333	<3	1084	3	0.1	5.4	<0.2
S00431334	<3	241	2	0.2	8.3	<0.2
S00431335	<3	801	2	<0.1	3.7	<0.2
S00431336	<3	1358	2	0.2	4.3	0.3
S00431337	<3	1367	2	0.2	3.2	<0.2
S00431338	<3	1864	2	0.1	3.7	0.2
S00431339	<3	1686	2	0.1	3.2	<0.2
S00431340	4	79	<1	0.2	19.3	<0.2
S00431341	<3	1389	2	0.4	3.7	0.3
S00431342	<3	1528	4	0.3	3.7	<0.2
S00431343	<3	1505	3	0.3	4.8	0.5
S00431344	<3	1475	3	0.3	3.2	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431345	5	528	2	<0.1	4.8	0.2
S00431346	<3	229	<1	0.1	20.4	0.6
S00431347	4	457	2	0.3	5.2	<0.2
S00431348	<3	290	2	<0.1	5.4	<0.2
S00431349	<3	358	<1	0.2	0.4	<0.2
S00431350	5	13	<1	0.5	1.0	<0.2
*Dup S00431339	<3	1536	2	0.1	3.2	<0.2
*Std MP-2a	5303	<10	2	905	3.1	12.2
*Rep S00431350	7	12	<1	0.6	1.0	<0.2
*Blk BLANK	<3	<10	<1	0.1	<0.1	<0.2
*Std OREAS 623	79	1377	1	18.9	1.4	52.3
*Std OREAS 927	18	308	2	58.0	0.5	0.5
*Std MP-2a	5312	<10	2	994	3.2	14.7
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00431332	<3	573	1	0.2	5.8	0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431301	49.1	34	0.4	292	11.68	0.4
S00431302	50.1	52	0.4	363	11.12	0.4
S00431303	58.8	34	0.4	248	12.12	0.3
S00431304	117	36	0.5	1474	12.11	0.5
S00431305	59.5	46	0.4	208	10.64	0.4
S00431306	50.5	<20	0.4	62	10.51	0.6
S00431307	47.0	26	0.5	16	10.38	0.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431308	54.2	23	0.8	208	10.08	1.3
S00431309	67.3	24	1.0	223	10.80	1.4
S00431310	2.6	<20	0.3	21	0.79	0.4
S00431311	48.8	24	1.3	22	9.33	2.0
S00431312	52.8	27	1.3	91	9.47	1.9
S00431313	52.0	25	0.3	2878	11.50	0.4
S00431314	51.4	30	1.0	88	9.13	1.6
S00431315	46.6	40	0.8	89	8.47	1.2
S00431316	21.9	135	0.8	56	5.18	2.6
S00431317	3.8	45	<0.1	422	0.98	0.3
S00431318	39.4	361	1.1	71	6.98	3.3
S00431319	47.8	24	1.5	127	8.62	3.8
S00431320	205	2406	2.1	3023	11.62	0.2
S00431321	40.3	24	0.6	540	6.17	1.6
S00431322	41.7	22	1.4	23	7.56	3.5
S00431323	57.3	24	0.9	380	8.70	2.3
S00431324	48.5	24	0.8	316	7.48	2.3
S00431325	49.8	23	1.0	43	8.92	2.6
S00431326	22.6	<20	0.7	28	7.86	1.9
S00431327	36.0	29	0.7	187	9.31	2.0
S00431328	35.0	23	0.6	79	7.92	1.8
S00431329	43.1	27	0.8	75	7.67	2.2
S00431330	47.2	37	0.8	92	8.14	2.3
S00431331	53.5	23	0.8	98	8.67	2.4
S00431332	53.1	22	0.5	254	8.00	1.3
S00431333	43.9	22	0.7	97	8.65	2.0
S00431334	46.8	27	0.2	204	7.20	0.5
S00431335	30.1	21	0.7	46	7.70	1.8
S00431336	37.0	28	1.2	65	8.43	3.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431337	34.7	26	0.8	155	7.96	2.3
S00431338	26.4	27	0.8	69	7.60	2.7
S00431339	32.1	109	0.8	145	7.17	2.9
S00431340	2.2	<20	0.3	20	0.70	0.4
S00431341	22.3	158	0.6	28	5.15	2.5
S00431342	27.4	140	1.3	19	7.47	3.4
S00431343	39.5	127	1.2	2417	8.19	3.2
S00431344	29.6	151	1.2	101	7.34	3.1
S00431345	52.3	28	0.4	97	8.97	1.3
S00431346	20.4	<20	0.2	97	4.10	0.7
S00431347	47.1	<20	0.6	85	9.87	1.6
S00431348	45.0	<20	0.4	89	9.47	1.2
S00431349	4.6	33	0.8	33	1.34	1.6
S00431350	333	3472	0.2	4250	16.52	<0.1
*Dup S00431339	31.6	113	0.8	145	7.10	2.8
*Std MP-2a	5.7	139	5.6	446	4.97	1.3
*Rep S00431350	336	3467	0.2	4252	16.56	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 623	207	20	2.8	17332	13.30	1.6
*Std OREAS 927	28.9	62	5.1	10938	8.59	2.0
*Std MP-2a	5.9	147	5.7	475	5.23	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00431332	52.8	21	0.5	248	7.91	1.3

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431301	25.3	30	6.56	1102	<2	34
S00431302	11.7	28	6.48	1044	<2	35
S00431303	12.6	27	7.35	1164	<2	36
S00431304	8.7	24	5.98	971	6	75
S00431305	21.9	36	6.45	1087	3	42
S00431306	27.0	35	6.29	1186	<2	47
S00431307	16.4	33	5.94	1325	<2	51
S00431308	42.1	27	4.35	1205	<2	50
S00431309	31.4	24	3.54	1440	<2	94
S00431310	6.9	10	8.99	601	<2	11
S00431311	29.7	21	3.35	1754	<2	56
S00431312	28.0	27	3.80	1570	<2	57
S00431313	6.2	32	5.48	1950	<2	46
S00431314	28.1	24	4.04	1601	<2	60
S00431315	28.0	17	2.85	1528	<2	55
S00431316	43.2	26	1.46	765	3	51
S00431317	7.1	<5	0.15	473	4	21
S00431318	46.1	36	2.10	1096	4	91
S00431319	28.4	42	3.03	1434	<2	55
S00431320	3.9	30	14.18	1405	<2	3920
S00431321	17.0	18	1.33	1189	3	36
S00431322	25.8	38	3.06	1342	<2	52
S00431323	29.0	25	2.51	1268	<2	47
S00431324	23.6	25	2.17	1260	<2	47
S00431325	31.0	29	2.76	1409	<2	56
S00431326	47.0	25	1.95	1152	<2	<10
S00431327	59.8	23	1.96	1196	3	18
S00431328	46.6	23	2.18	1338	<2	23
S00431329	29.4	26	2.49	1241	<2	52

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431330	29.7	28	2.57	1282	<2	56
S00431331	28.5	27	2.97	1324	<2	59
S00431332	27.5	15	1.71	1297	<2	26
S00431333	69.3	24	1.88	1157	<2	<10
S00431334	57.1	9	0.93	1030	<2	13
S00431335	42.5	21	2.07	1211	<2	19
S00431336	42.9	34	2.20	1395	<2	35
S00431337	46.9	26	1.49	989	<2	11
S00431338	48.5	31	1.62	1119	<2	13
S00431339	45.2	33	1.65	1061	<2	40
S00431340	7.0	9	8.77	531	<2	17
S00431341	41.5	23	1.32	903	<2	56
S00431342	73.8	37	2.17	986	<2	36
S00431343	60.3	39	1.99	1061	<2	94
S00431344	65.2	34	2.05	884	<2	49
S00431345	29.0	18	3.17	1850	<2	55
S00431346	10.5	10	1.29	2912	<2	21
S00431347	30.4	21	3.38	1964	<2	53
S00431348	35.7	15	2.98	1960	<2	49
S00431349	9.3	7	0.42	84	<2	11
S00431350	1.2	<5	14.35	1005	2	15409
*Dup S00431339	44.0	33	1.63	1047	<2	40
*Std MP-2a	173	79	0.09	1031	1581	11
*Rep S00431350	1.2	<5	14.74	1014	3	15460
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	24.0	15	1.23	607	9	18
*Std OREAS 927	34.9	34	2.21	1172	<2	33
*Std MP-2a	172	92	0.10	1051	1711	14
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00431332	27.7	15	1.70	1275	<2	27

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431301	0.09	5	<1	<1	21.6	<50
S00431302	0.08	5	<1	<1	22.6	<50
S00431303	0.10	2	<1	<1	20.8	<50
S00431304	0.05	5	2	<1	23.3	<50
S00431305	0.05	5	<1	<1	24.2	<50
S00431306	0.06	7	<1	<1	23.0	<50
S00431307	0.06	10	<1	<1	23.8	<50
S00431308	0.06	21	<1	<1	24.5	<50
S00431309	0.04	22	1	<1	23.8	<50
S00431310	0.02	8	<1	<1	6.6	<50
S00431311	0.05	13	<1	<1	24.9	<50
S00431312	0.05	19	<1	<1	24.1	<50
S00431313	0.04	20	<1	<1	23.4	<50
S00431314	0.05	20	<1	<1	24.6	<50
S00431315	0.06	23	<1	<1	23.9	51
S00431316	0.08	14	<1	<1	29.2	<50
S00431317	0.01	8	<1	<1	33.4	<50
S00431318	0.08	16	<1	<1	27.4	<50
S00431319	0.05	24	<1	<1	24.0	<50
S00431320	0.05	4	2	4	17.0	<50
S00431321	0.03	73	1	<1	26.0	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431322	0.05	23	<1	<1	25.4	<50
S00431323	0.05	17	<1	<1	25.8	<50
S00431324	0.04	25	<1	<1	24.6	<50
S00431325	0.05	15	<1	<1	24.5	<50
S00431326	0.08	13	<1	<1	27.5	<50
S00431327	0.10	178	1	<1	22.6	<50
S00431328	0.08	92	<1	<1	23.2	<50
S00431329	0.05	24	<1	<1	25.1	<50
S00431330	0.05	24	<1	<1	24.2	<50
S00431331	0.05	28	<1	<1	24.2	<50
S00431332	0.05	24	<1	<1	26.1	<50
S00431333	0.12	22	<1	<1	23.5	<50
S00431334	0.09	21	<1	<1	25.1	<50
S00431335	0.07	13	<1	<1	27.1	<50
S00431336	0.07	20	<1	<1	24.7	<50
S00431337	0.08	20	<1	<1	27.2	<50
S00431338	0.09	17	<1	<1	27.0	<50
S00431339	0.08	17	<1	<1	26.7	<50
S00431340	0.02	6	<1	<1	5.7	<50
S00431341	0.07	25	<1	<1	26.8	<50
S00431342	0.13	31	<1	<1	20.1	<50
S00431343	0.09	29	<1	<1	18.7	<50
S00431344	0.10	31	<1	<1	21.9	<50
S00431345	0.05	12	<1	<1	22.4	<50
S00431346	0.02	30	<1	<1	13.9	<50
S00431347	0.05	16	<1	<1	22.7	<50
S00431348	0.05	19	<1	<1	23.4	<50
S00431349	0.01	4	<1	<1	37.8	<50
S00431350	<0.01	12	7	2	14.3	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Dup S00431339	0.08	18	<1	<1	26.8	<50
*Std MP-2a	0.02	2314	<1	7	31.2	543
*Rep S00431350	<0.01	11	7	2	14.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2407	9	27	23.7	<50
*Std OREAS 927	0.05	198	1	2	29.6	<50
*Std MP-2a	0.02	2678	<1	7	30.1	588
*Blk BLANK	<0.01	2	<1	<1	<0.1	<50
*Rep S00431332	0.05	24	<1	<1	26.2	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431301	<10	<1	0.96	376	<5	36.5
S00431302	<10	<1	0.88	353	<5	30.8
S00431303	<10	<1	1.00	394	<5	34.6
S00431304	<10	<1	0.55	278	<5	28.2
S00431305	<10	<1	0.43	189	<5	30.9
S00431306	22	<1	0.50	203	<5	33.4
S00431307	26	<1	0.49	205	<5	32.2
S00431308	67	<1	0.47	191	<5	32.6
S00431309	82	<1	0.41	187	<5	29.8
S00431310	131	<1	0.07	15	<5	8.2
S00431311	119	<1	0.48	204	<5	33.0
S00431312	95	<1	0.47	198	<5	32.2
S00431313	<10	<1	0.38	166	<5	17.7

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431314	104	<1	0.47	199	<5	31.4
S00431315	124	<1	0.44	193	<5	30.8
S00431316	70	<1	0.48	96	<5	31.1
S00431317	27	<1	0.05	12	<5	12.3
S00431318	71	<1	0.60	136	<5	35.2
S00431319	170	<1	0.46	206	<5	30.3
S00431320	33	1	0.33	137	<5	8.3
S00431321	215	<1	0.28	117	<5	20.6
S00431322	199	<1	0.42	174	<5	26.8
S00431323	233	<1	0.45	193	<5	29.6
S00431324	270	<1	0.37	176	<5	24.9
S00431325	225	<1	0.48	203	<5	32.6
S00431326	252	<1	0.61	162	<5	46.4
S00431327	398	<1	0.79	221	<5	58.3
S00431328	260	<1	0.64	198	<5	46.9
S00431329	215	<1	0.45	170	<5	31.7
S00431330	211	<1	0.45	181	<5	32.8
S00431331	228	<1	0.44	184	<5	29.8
S00431332	269	<1	0.39	145	<5	28.1
S00431333	477	<1	0.89	231	<5	64.6
S00431334	799	<1	0.69	184	<5	54.3
S00431335	253	<1	0.55	166	<5	42.9
S00431336	256	<1	0.59	194	<5	42.9
S00431337	222	<1	0.60	162	<5	47.0
S00431338	186	<1	0.64	181	<5	49.7
S00431339	161	<1	0.57	155	<5	41.3
S00431340	135	<1	0.05	11	<5	8.3
S00431341	193	<1	0.46	103	<5	33.1
S00431342	359	<1	0.80	155	<5	56.3

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431343	337	<1	0.65	145	<5	47.4
S00431344	346	<1	0.67	136	<5	49.1
S00431345	157	<1	0.47	203	<5	32.0
S00431346	111	<1	0.14	56	<5	15.6
S00431347	145	<1	0.51	229	5	37.7
S00431348	160	<1	0.53	225	<5	39.4
S00431349	36	<1	0.07	19	<5	4.8
S00431350	11	1	0.09	72	<5	3.4
*Dup S00431339	160	<1	0.55	153	<5	40.8
*Std MP-2a	15	6	0.03	<5	3437	238
*Rep S00431350	10	1	0.09	72	<5	3.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	81	<1	0.14	25	<5	17.3
*Std OREAS 927	31	<1	0.32	75	8	22.8
*Std MP-2a	17	6	0.03	<5	3400	234
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00431332	268	<1	0.39	144	<5	27.9

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431301	4.2	88	0.745
S00431302	3.7	81	0.653
S00431303	4.5	86	0.649
S00431304	3.3	77	1.827
S00431305	3.7	81	0.230
S00431306	4.4	88	0.020

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431307	4.0	107	0.013
S00431308	3.7	107	0.817
S00431309	3.3	109	1.283
S00431310	0.7	30	0.023
S00431311	3.8	115	0.049
S00431312	3.7	124	0.162
S00431313	2.4	191	0.382
S00431314	3.8	115	0.168
S00431315	3.8	94	0.236
S00431316	3.9	110	0.051
S00431317	1.1	50	0.064
S00431318	3.6	173	0.022
S00431319	3.3	166	0.227
S004313 0	0.9	110	1.823
S00431321	2.4	67	1.500
S00431322	3.1	127	0.020
S00431323	3.4	115	0.833
S00431324	2.8	108	0.578
S004313 5	3.8	143	0.074
S00431326	5.5	124	0.094
S00431327	7.1	138	1.405
S00431328	5.3	140	0.687
S00431329	3.6	130	0.381
S00431330	3.5	137	0.482
S00431331	3.3	144	0.430
S00431332	3.3	98	1.151
S00431333	8.1	121	0.554
S00431334	6.6	58	0.833
S00431335	5.1	120	0.105
S00431336	5.2	129	0.195

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-10874

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431337	5.2	112	1.055
S00431338	5.4	136	0.405
S00431339	4.7	111	0.496
S00431340	0.7	28	0.019
S00431341	3.8	99	0.058
S00431342	6.9	141	0.035
S00431343	6.1	216	0.879
S00431344	5.7	131	0.201
S00431345	3.9	166	0.173
S00431346	1.3	86	0.298
S00431347	3.7	239	0.280
S00431348	4.0	212	0.263
S00431349	0.4	28	0.117
S00431350	0.4	97	7.234
*Dup S00431339	4.6	107	0.497
*Std MP-2a	29.4	5847	-
*Rep S00431350	0.3	98	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 6 3	1.6	10655	-
*Std OREAS 927	2.1	711	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.530
*Rep S00431328	-	-	0.698
*Std GS314	-	-	2.535
*Blk BLANK	-	-	<0.005
*Rep S00431344	-	-	0.199
*Std MP-2a	30.8	5941	-
*Blk BLANK	<0.1	<5	-
*Rep S0043133	3.4	98	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ Exploration/ 50
Samples
Number of Samples 50

ANALYSIS REPORT BBM21-10874

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11180

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	14-Jul-2021
Project	Shakespeare exploration	Date Analysed	22-Jul-2021 - 17-Sep-2021
Submission Number	*SD* Shakespeare/ 44 Core	Date Completed	17-Sep-2021
Number of Samples	44	SGS Order Number	BBM21-11180

Methods Summary

Number of Sample	Method Code	Description
43	G PRP	Combined Sample Preparation
44	G_WGH_KG	Weight of samples received
44	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
44	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
44	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
44	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
E00099505	3.30	<5	<10	<5	<5	4.41
E00099506	3.75	<5	<10	<5	<5	6.76
E00099507	2.48	<5	<10	<5	<5	5.39
E00099508	3.07	6	<10	9	<5	4.75
E00099509	2.97	7	<10	8	<5	3.63
E00099510	3.51	<5	<10	<5	<5	6.44
E00099511	3.22	22	40	26	<5	6.59
E00099512	1.02	<5	<10	<5	<5	3.57
E00099513	3.54	<5	<10	<5	<5	6.51
E00099514	3.51	<5	<10	<5	<5	6.08
E00099515	0.72	<5	<10	<5	<5	0.95
E00099516	3.78	8	20	14	<5	8.01
E00099517	3.73	7	<10	12	<5	7.06
E00099518	3.67	20	70	34	<5	7.07
E00099519	3.36	7	20	13	<5	6.66
E00099520	2.75	13	20	26	<5	6.51
E00099521	2.18	8	<10	14	<5	5.73
E00099522	3.70	<5	<10	<5	<5	6.38
E00099523	3.71	<5	<10	<5	<5	6.64
E00099524	3.74	10	20	31	<5	6.80
E00099525	0.11	60	450	562	<5	2.57
E00099526	3.93	11	30	23	<5	7.01
E00099527	3.30	12	50	42	<5	7.39
E00099528	3.29	24	100	39	<5	7.41
E00099529	3.22	30	60	66	<5	7.40
E00099530	1.22	9	30	26	<5	7.16
E00099531	3.43	6	30	67	<5	7.28
E00099532	3.35	<5	20	21	<5	7.16
E00099533	2.83	<5	<10	22	<5	7.09

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
E00099534	1.59	<5	<10	9	<5	6.91
E00099535	1.53	<5	<10	12	<5	7.18
E00099536	3.54	<5	<10	13	<5	7.63
E00099537	3.09	<5	10	11	<5	7.44
E00099538	2.39	<5	10	21	<5	7.45
E00099539	3.28	<5	<10	<5	<5	7.13
E00099540	3.53	<5	<10	<5	<5	6.50
E00099541	3.64	<5	<10	<5	<5	6.64
E00099542	3.41	<5	<10	<5	<5	7.05
E00099543	3.24	<5	<10	<5	<5	6.83
E00099544	3.46	<5	<10	<5	<5	7.39
E00099545	1.08	<5	<10	<5	<5	0.91
E00099546	3.58	<5	<10	<5	<5	7.19
E00099547	2.14	<5	<10	<5	<5	7.15
E00099548	2.05	<5	<10	<5	<5	6.95
*Dup E00099543	-	<5	<10	<5	<5	6.99
*Rep E00099506	-	<5	<10	<5	-	-
*Std OREAS 680	-	151	390	210	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep E00099545	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	56	-	-
*Std OREAS 681	-	53	530	234	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep E00099510	-	-	-	-	<5	6.55
*Rep E00099519	-	-	-	-	<5	6.49
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	5.77
*Std OREAS 623	-	-	-	-	22	5.26

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 927	-	-	-	-	9	6.56

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
E00099505	<3	282	<1	<0.1	6.6	<0.2
E00099506	<3	189	1	0.2	7.2	<0.2
E00099507	<3	352	<1	0.2	5.0	<0.2
E00099508	23	253	<1	0.3	1.5	<0.2
E00099509	<3	141	<1	0.2	1.3	<0.2
E00099510	<3	161	1	0.2	6.9	<0.2
E00099511	<3	170	<1	0.5	5.3	<0.2
E00099512	<3	38	<1	<0.1	10.9	<0.2
E00099513	<3	191	1	0.2	7.3	<0.2
E00099514	<3	123	<1	0.2	6.4	<0.2
E00099515	<3	99	<1	<0.1	19.3	0.2
E00099516	<3	342	1	0.5	6.5	<0.2
E00099517	<3	273	1	0.3	6.6	<0.2
E00099518	<3	263	<1	0.5	5.7	0.2
E00099519	<3	326	<1	0.4	3.4	<0.2
E00099520	<3	523	<1	0.5	2.2	<0.2
E00099521	<3	384	<1	0.3	1.8	<0.2
E00099522	<3	254	1	0.4	7.0	0.2
E00099523	<3	205	1	0.2	6.8	0.2
E00099524	<3	206	<1	0.4	5.9	<0.2
E00099525	186	88	<1	0.1	3.2	0.5
E00099526	<3	184	1	0.4	6.4	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
E00099527	3	152	<1	0.4	6.0	<0.2
E00099528	<3	160	<1	0.5	6.1	<0.2
E00099529	<3	159	1	0.8	5.7	<0.2
E00099530	40	349	<1	0.5	5.2	<0.2
E00099531	3	156	<1	0.2	6.4	<0.2
E00099532	5	147	<1	0.2	6.2	<0.2
E00099533	<3	202	<1	<0.1	6.7	<0.2
E00099534	5	105	<1	<0.1	6.2	<0.2
E00099535	<3	118	1	0.1	6.1	<0.2
E00099536	<3	130	<1	0.1	6.8	<0.2
E00099537	<3	151	<1	0.1	6.4	<0.2
E00099538	<3	145	<1	0.2	6.7	<0.2
E00099539	<3	240	1	0.2	7.6	<0.2
E00099540	<3	149	1	<0.1	6.9	0.2
E00099541	<3	181	1	0.1	6.6	<0.2
E00099542	<3	206	1	<0.1	7.3	<0.2
E00099543	<3	129	<1	<0.1	6.9	0.2
E00099544	<3	147	1	0.2	7.0	<0.2
E00099545	6	87	<1	0.3	19.3	<0.2
E00099546	<3	212	1	0.1	7.2	<0.2
E00099547	<3	150	<1	0.4	6.9	<0.2
E00099548	<3	204	<1	0.3	7.4	<0.2
*Dup E00099543	<3	127	1	<0.1	6.9	<0.2
*Rep E00099510	<3	165	1	0.2	7.0	<0.2
*Rep E00099519	<3	330	<1	0.4	3.4	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5680	12	1	940	3.1	14.6
*Std OREAS 623	74	1463	2	18.2	1.4	54.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Std OREAS 927	16	331	2	48.5	0.4	1.1

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
E00099505	28.5	68	3.3	27	7.22	0.9
E00099506	53.0	84	2.2	93	11.45	0.8
E00099507	41.0	78	4.0	45	9.17	1.1
E00099508	43.1	119	2.8	90	3.71	1.0
E00099509	12.8	85	0.8	37	2.29	0.4
E00099510	53.7	70	1.2	106	11.37	0.6
E00099511	68.7	133	2.3	257	12.43	0.7
E00099512	32.4	51	0.5	106	6.57	0.1
E00099513	53.2	62	1.5	113	11.68	0.6
E00099514	47.8	82	1.1	115	10.86	0.5
E00099515	2.3	<20	0.4	22	0.89	0.4
E00099516	54.6	118	3.7	144	10.86	1.1
E00099517	53.6	74	1.9	200	11.30	0.7
E00099518	49.7	64	2.1	367	8.87	0.8
E00099519	36.9	121	4.0	413	7.32	1.2
E00099520	39.6	104	6.7	122	7.49	2.0
E00099521	23.6	97	3.7	58	4.81	1.3
E00099522	51.3	68	2.8	277	10.87	1.0
E00099523	49.9	72	2.1	132	10.87	0.8
E00099524	50.1	82	1.6	328	9.33	0.8
E00099525	194	2868	2.1	2903	10.99	0.2
E00099526	55.3	68	1.2	493	9.35	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
E00099527	56.5	62	1.2	326	8.85	0.6
E00099528	43.9	49	1.2	361	8.38	0.6
E00099529	46.6	60	1.3	444	8.65	0.7
E00099530	69.7	62	0.7	373	8.12	1.6
E00099531	50.4	63	1.1	139	8.46	0.5
E00099532	49.9	59	0.7	99	8.43	0.4
E00099533	48.3	67	1.4	89	8.33	0.7
E00099534	50.0	62	0.8	118	8.09	0.4
E00099535	47.8	62	0.9	110	8.09	0.5
E00099536	51.0	60	0.8	120	8.70	0.5
E00099537	47.4	64	0.8	87	8.29	0.5
E00099538	49.9	66	0.6	60	8.71	0.4
E00099539	58.0	62	1.8	103	12.33	0.7
E00099540	51.9	71	1.0	93	11.59	0.6
E00099541	54.7	54	1.1	99	12.12	0.6
E00099542	58.9	62	1.3	113	12.78	0.7
E00099543	52.5	71	0.7	82	11.36	0.5
E00099544	44.7	86	0.7	52	9.79	0.4
E00099545	2.1	<20	0.4	21	0.84	0.4
E00099546	56.2	87	1.3	92	11.89	0.7
E00099547	53.6	74	1.6	107	11.57	0.6
E00099548	52.9	92	2.5	105	11.55	0.8
*Dup E00099543	53.9	71	0.6	78	11.64	0.5
*Rep E00099510	53.9	71	1.2	113	11.65	0.6
*Rep E00099519	36.8	114	4.1	417	7.27	1.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.7	156	5.6	457	5.11	1.2
*Std OREAS 623	216	35	2.7	17094	13.20	1.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 927	29.7	72	5.0	10876	8.67	1.9

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099505	13.0	14	2.43	1118	<2	54
E00099506	15.3	13	3.72	1599	<2	76
E00099507	14.4	17	2.78	1077	2	67
E00099508	13.2	11	1.08	354	5	83
E00099509	9.2	6	0.71	279	3	41
E00099510	15.9	11	3.48	1644	<2	62
E00099511	15.4	20	3.68	1599	<2	177
E00099512	8.9	13	1.94	1413	<2	115
E00099513	15.9	12	3.44	1724	<2	51
E00099514	15.0	15	3.31	1560	<2	61
E00099515	7.2	11	8.54	651	<2	10
E00099516	19.7	19	3.21	1379	<2	117
E00099517	22.3	14	3.79	1537	<2	126
E00099518	10.8	15	3.65	1300	<2	157
E00099519	13.8	17	2.59	912	<2	118
E00099520	14.1	27	2.64	732	<2	225
E00099521	12.5	16	1.66	469	3	83
E00099522	15.2	14	3.53	1504	<2	71
E00099523	16.6	14	3.48	1554	<2	70
E00099524	16.4	12	3.15	1319	<2	132
E00099525	3.7	27	13.42	1343	<2	3709
E00099526	13.5	12	3.52	1431	<2	142

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099527	12.5	11	3.61	1338	<2	218
E00099528	10.7	10	3.65	1339	<2	122
E00099529	11.0	19	3.85	1333	<2	169
E00099530	28.6	33	4.29	1036	<2	159
E00099531	10.4	12	3.82	1319	<2	95
E00099532	10.1	12	3.69	1295	<2	97
E00099533	9.8	13	3.87	1318	<2	99
E00099534	8.5	10	3.81	1289	<2	105
E00099535	8.3	11	3.98	1279	<2	102
E00099536	9.5	14	4.20	1362	<2	107
E00099537	8.9	11	3.92	1348	<2	101
E00099538	8.5	14	4.19	1432	<2	102
E00099539	25.9	12	3.71	1699	<2	54
E00099540	15.9	11	3.31	1735	<2	51
E00099541	16.6	11	3.33	1780	<2	50
E00099542	16.6	15	3.44	1896	<2	55
E00099543	14.6	14	3.79	1782	<2	58
E00099544	19.5	11	3.27	1599	<2	55
E00099545	7.1	10	8.48	640	<2	<10
E00099546	16.0	11	3.96	1804	<2	59
E00099547	15.2	13	4.03	1766	<2	56
E00099548	15.3	18	3.61	1702	<2	63
*Dup E00099543	14.9	13	3.62	1807	<2	63
*Rep E00099510	16.0	12	3.49	1664	<2	65
*Rep E00099519	13.2	18	2.77	909	2	116
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	152	87	0.09	1041	1626	13
*Std OREAS 623	25.9	17	1.30	587	9	23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	35.3	35	2.26	1164	<2	31

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
E00099505	0.07	10	<1	<1	30.5	<50
E00099506	0.10	11	<1	<1	23.4	<50
E00099507	0.07	11	<1	<1	29.8	<50
E00099508	0.03	11	<1	<1	37.7	<50
E00099509	0.02	10	<1	<1	37.0	<50
E00099510	0.10	9	<1	<1	23.1	<50
E00099511	0.09	9	<1	<1	22.1	<50
E00099512	0.06	8	<1	<1	23.8	<50
E00099513	0.10	9	<1	<1	23.1	<50
E00099514	0.10	9	<1	<1	24.5	<50
E00099515	0.02	10	<1	<1	7.7	<50
E00099516	0.08	11	<1	<1	25.1	<50
E00099517	0.09	10	<1	<1	25.1	<50
E00099518	0.04	14	<1	<1	26.5	<50
E00099519	0.05	10	<1	<1	28.9	<50
E00099520	0.04	11	<1	<1	29.1	<50
E00099521	0.03	10	<1	<1	31.6	<50
E00099522	0.10	9	<1	<1	22.4	<50
E00099523	0.09	10	<1	<1	23.0	<50
E00099524	0.07	11	<1	<1	24.9	<50
E00099525	0.03	9	2	3	17.7	<50
E00099526	0.06	12	<1	<1	24.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
E00099527	0.04	12	<1	<1	24.3	<50
E00099528	0.04	11	<1	<1	25.0	<50
E00099529	0.04	11	<1	<1	25.5	<50
E00099530	0.04	8	<1	<1	23.6	<50
E00099531	0.04	11	<1	<1	24.4	<50
E00099532	0.03	12	<1	<1	24.0	<50
E00099533	0.03	10	<1	<1	24.1	<50
E00099534	0.03	11	<1	<1	24.9	<50
E00099535	0.03	11	<1	<1	26.0	<50
E00099536	0.04	10	<1	<1	25.0	<50
E00099537	0.03	11	<1	<1	24.3	<50
E00099538	0.03	10	<1	<1	23.0	<50
E00099539	0.11	10	<1	<1	24.3	<50
E00099540	0.10	8	<1	<1	23.6	<50
E00099541	0.10	9	<1	<1	22.5	<50
E00099542	0.11	9	<1	<1	24.4	<50
E00099543	0.09	9	<1	<1	22.2	<50
E00099544	0.09	10	<1	<1	22.8	<50
E00099545	0.02	11	<1	<1	7.5	<50
E00099546	0.10	8	<1	<1	23.2	<50
E00099547	0.10	16	<1	<1	22.6	<50
E00099548	0.09	12	<1	<1	22.3	<50
*Dup E00099543	0.09	9	<1	<1	22.2	<50
*Rep E00099510	0.10	9	<1	<1	23.5	<50
*Rep E00099519	0.06	11	<1	<1	28.7	<50
*Blk BLANK	<0.01	5	<1	<1	<0.1	<50
*Blk BLANK	<0.01	5	<1	<1	<0.1	<50
*Std MP-2a	0.01	2418	<1	7	31.2	560
*Std OREAS 623	0.05	2224	9	27	23.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Std OREAS 927	0.06	191	1	2	29.7	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099505	149	<1	0.81	218	<5	15.0
E00099506	238	<1	1.33	382	<5	27.3
E00099507	185	<1	0.93	274	<5	18.4
E00099508	156	<1	0.34	91	<5	10.8
E00099509	122	<1	0.19	58	<5	7.3
E00099510	157	<1	1.37	388	<5	27.9
E00099511	122	<1	1.31	407	<5	27.3
E00099512	123	<1	0.92	202	<5	15.7
E00099513	170	<1	1.39	394	<5	27.8
E00099514	145	<1	1.35	376	<5	26.7
E00099515	132	<1	0.07	13	<5	9.3
E00099516	250	<1	1.22	360	<5	25.4
E00099517	183	<1	1.21	344	<5	24.0
E00099518	254	<1	0.49	218	<5	15.7
E00099519	202	<1	0.70	222	<5	17.2
E00099520	199	<1	0.49	178	<5	13.1
E00099521	208	<1	0.34	110	<5	9.6
E00099522	168	<1	1.32	361	<5	26.9
E00099523	172	<1	1.34	375	<5	27.9
E00099524	210	<1	0.93	290	<5	22.0
E00099525	29	1	0.31	133	<5	8.0
E00099526	221	<1	0.84	288	<5	21.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Samples 44

ANALYSIS REPORT BBM21-11180

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099527	235	<1	0.53	230	<5	16.9
E00099528	242	<1	0.50	221	<5	16.4
E00099529	228	<1	0.52	233	<5	17.8
E00099530	135	<1	0.50	218	<5	17.2
E00099531	214	<1	0.50	228	<5	16.3
E00099532	208	<1	0.47	219	<5	15.6
E00099533	200	<1	0.46	220	<5	15.2
E00099534	230	<1	0.43	210	<5	16.2
E00099535	225	<1	0.43	213	<5	15.9
E00099536	247	<1	0.47	229	<5	15.9
E00099537	260	<1	0.43	214	<5	14.1
E00099538	241	<1	0.45	221	<5	14.7
E00099539	141	<1	1.55	404	<5	29.5
E00099540	148	<1	1.43	396	<5	28.0
E00099541	183	<1	1.49	410	<5	29.2
E00099542	191	<1	1.61	459	<5	29.3
E00099543	173	<1	1.34	391	<5	26.3
E00099544	266	<1	1.21	337	<5	29.9
E00099545	168	<1	0.07	12	6	8.5
E00099546	163	<1	1.42	400	<5	27.0
E00099547	154	<1	1.39	392	<5	27.1
E00099548	146	<1	1.37	383	<5	28.1
*Dup E00099543	180	<1	1.33	392	<5	26.2
*Rep E00099510	159	<1	1.39	392	<5	28.1
*Rep E00099519	202	<1	0.70	223	<5	17.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3550	229
*Std OREAS 623	83	<1	0.15	26	<5	17.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Sample 44

ANALYSIS REPORT BBM21-11180

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	30	<1	0.34	78	7	22.9

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
E00099505	1.9	93	0.085
E00099506	2.8	126	0.105
E00099507	2.0	109	0.056
E00099508	1.3	42	0.141
E00099509	0.7	30	0.041
E00099510	2.9	136	0.105
E00099511	3.0	143	0.414
E00099512	1.7	80	0.193
E00099513	3.0	129	0.151
E00099514	2.8	125	0.091
E00099515	0.9	43	0.015
E00099516	2.8	125	0.156
E00099517	2.6	137	0.075
E00099518	1.7	113	0.129
E00099519	1.8	99	0.097
E00099520	1.5	93	0.148
E00099521	0.9	61	0.054
E00099522	2.8	131	0.111
E00099523	2.9	128	0.091
E000995 4	2.4	105	0.147
E00099525	0.8	110	1.740
E00099526	2.2	109	0.154
E00099527	1.8	101	0.121

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 44 Core
 Number of Sample 44

ANALYSIS REPORT BBM21-11180

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
E00099528	1.8	95	0.048
E00099529	1.9	91	0.076
E00099530	2.0	65	0.140
E00099531	1.7	93	0.035
E00099532	1.7	88	0.029
E00099533	1.6	88	0.029
E00099534	1.7	90	0.038
E00099535	1.6	90	0.029
E00099536	1.7	99	0.037
E00099537	1.6	92	0.019
E00099538	1.5	98	0.015
E00099539	3.3	140	0.141
E00099540	3.0	130	0.142
E00099541	3.1	140	0.191
E00099542	3.1	145	0.184
E00099543	2.8	130	0.087
E00099544	2.7	111	0.035
E00099545	0.7	57	0.016
E00099546	2.7	133	0.123
E00099547	2.7	130	0.110
E00099548	2.7	122	0.148
*Dup E00099543	2.9	133	0.080
*Rep E00099510	3.0	138	-
*Rep E00099519	1.8	97	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	30.6	5837	-
*Std OREAS 623	1.7	9860	-
*Std OREAS 927	2.3	709	-
*Rep E00099514	-	-	0.090
*Blk BLANK	-	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ 44 Core
Number of Sample 44

ANALYSIS REPORT BBM21-11180

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std GS314-2	-	-	2.570
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.566

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11181

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	14-Jul-2021
Project	Shakespeare exploration	Date Analysed	22-Jul-2021 - 18-Sep-2021
Submission Number	*SD* Shakespeare/ 50 Core	Date Completed	18-Sep-2021
Number of Samples	50	SGS Order Number	BBM21-11181

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431351	0.67	<5	<10	<5	<5	3.65
S00431352	1.75	<5	<10	<5	<5	4.40
S00431353	1.42	<5	<10	<5	<5	5.15
S00431354	1.02	<5	<10	<5	<5	4.26
S00431355	1.05	<5	<10	<5	<5	5.71
S00431356	1.74	10	<10	<5	<5	7.52
S00431357	1.44	13	<10	<5	<5	3.01
S00431358	1.49	<5	<10	<5	<5	3.83
S00431359	1.38	<5	<10	<5	<5	3.20
S00431360	0.83	<5	<10	<5	<5	0.95
S00431361	1.42	<5	<10	<5	<5	3.86
S00431362	1.59	<5	<10	<5	<5	7.42
S00431363	1.64	<5	<10	<5	<5	6.31
S00431364	1.61	<5	<10	<5	<5	8.71
S00431365	1.44	<5	<10	<5	<5	3.86
S00431366	1.06	<5	<10	<5	<5	3.13
S00431367	1.24	79	80	76	<5	7.14
S00431368	1.48	10	<10	5	<5	4.75
S00431369	1.29	<5	<10	<5	<5	5.79
S00431370	0.10	70	440	574	<5	2.88
S00431371	1.03	<5	<10	<5	<5	5.14
S00431372	0.58	<5	<10	<5	<5	5.35
S00431373	1.14	<5	<10	<5	<5	7.30
S00431374	0.96	<5	<10	<5	<5	7.22
S00431375	0.54	<5	<10	7	<5	7.55
S00431376	1.03	<5	<10	<5	<5	4.04
S00431377	0.48	8	<10	9	<5	6.64
S00431378	0.91	<5	<10	<5	<5	7.27
S00431379	1.31	<5	<10	<5	<5	7.53

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431380	1.09	<5	<10	<5	<5	7.17
S00431381	1.48	7	<10	<5	<5	9.53
S00431382	2.84	8	<10	<5	<5	7.08
S00431383	3.02	<5	<10	5	<5	7.19
S00431384	3.18	<5	<10	<5	<5	7.22
S00431385	1.70	<5	<10	<5	<5	8.63
S00431386	1.63	9	10	10	<5	7.57
S00431387	2.29	12	10	12	<5	7.40
S00431388	1.32	6	<10	19	<5	3.70
S00431389	2.91	<5	<10	<5	<5	7.28
S00431390	0.83	<5	<10	<5	<5	1.00
S00431391	3.21	<5	<10	<5	<5	7.21
S00431392	3.58	<5	<10	<5	<5	7.25
S00431393	3.35	<5	<10	<5	<5	7.35
S00431394	3.48	<5	<10	<5	<5	7.11
S00431395	3.27	<5	<10	<5	<5	7.04
S00431396	2.26	<5	<10	<5	<5	7.01
S00431397	0.87	<5	<10	<5	<5	6.12
S00431398	0.92	<5	<10	<5	<5	5.93
S00431399	2.96	<5	<10	<5	<5	6.71
S00431400	0.11	39	570	1040	<5	1.39
*Dup S00431389	-	<5	<10	<5	<5	7.39
*Rep S00431399	-	-	-	-	<5	6.75
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	22	4.89
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431369	-	-	-	-	<5	5.27
*Rep S00431370	-	-	-	-	<5	2.84
*Blk BLANK	-	-	-	-	<5	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11181

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 623	-	-	-	-	18	5.25
*Std MP-2a	-	-	-	-	<5	6.15
*Rep S00431356	-	9	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431392	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	400	220	-	-
*Std OREAS 681	-	51	500	236	-	-
*Rep S00431399	-	-	-	-	<5	6.75
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	22	4.89
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431369	-	-	-	-	<5	5.27
*Rep S00431370	-	-	-	-	<5	2.84
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431356	-	9	<10	<5	-	-
*Std OREAS 623	-	-	-	-	18	5.25
*Blk BLANK	-	<5	<10	<5	-	-
*Std MP-2a	-	-	-	-	<5	6.15
*Rep S00431392	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	400	220	-	-
*Std OREAS 681	-	51	500	236	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431351	5	306	1	<0.1	0.5	<0.2
S00431352	5	410	1	<0.1	0.4	<0.2
S00431353	<3	501	1	<0.1	0.3	<0.2
S00431354	12	405	1	0.1	0.4	<0.2
S00431355	4	554	1	<0.1	0.3	<0.2
S00431356	4	777	2	0.4	0.4	<0.2
S00431357	<3	360	<1	0.3	0.3	<0.2
S00431358	<3	358	<1	<0.1	0.2	<0.2
S00431359	<3	300	<1	<0.1	0.3	0.2
S00431360	5	77	<1	<0.1	21.7	0.3
S00431361	6	341	<1	0.1	0.3	<0.2
S00431362	<3	762	2	<0.1	0.3	0.3
S00431363	3	681	2	<0.1	0.3	<0.2
S00431364	6	932	2	<0.1	0.4	<0.2
S00431365	<3	385	<1	<0.1	0.3	0.4
S00431366	<3	367	<1	<0.1	0.3	0.2
S00431367	40	509	2	1.3	2.5	<0.2
S00431368	<3	285	1	0.2	1.0	0.2
S00431369	3	762	1	<0.1	0.3	0.3
S00431370	195	91	<1	0.1	3.7	0.4
S00431371	4	593	1	<0.1	0.4	<0.2
S00431372	<3	130	2	<0.1	1.3	<0.2
S00431373	4	335	1	0.4	7.0	0.2
S00431374	4	272	1	0.4	6.2	<0.2
S00431375	4	179	1	0.3	4.2	<0.2
S00431376	4	73	<1	0.2	1.3	0.2
S00431377	3	231	<1	0.5	3.1	0.4
S00431378	6	237	1	0.3	7.4	0.2
S00431379	8	273	1	0.3	6.6	1.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431380	5	269	1	0.4	6.5	1.3
S00431381	22	251	2	0.2	2.3	<0.2
S00431382	9	167	2	0.4	1.9	0.4
S00431383	<3	297	1	0.3	3.6	<0.2
S00431384	<3	187	<1	0.2	5.9	0.3
S00431385	<3	398	3	0.2	2.1	<0.2
S00431386	<3	384	2	0.4	2.4	<0.2
S00431387	<3	180	1	0.5	5.3	0.3
S00431388	4	38	<1	0.4	4.1	0.3
S00431389	<3	223	1	0.3	6.5	<0.2
S00431390	6	84	<1	0.1	20.7	0.2
S00431391	6	203	1	0.2	7.7	<0.2
S00431392	<3	165	1	0.2	7.1	<0.2
S00431393	4	101	1	0.2	7.9	0.2
S00431394	<3	169	1	0.2	7.4	0.3
S00431395	3	155	1	0.3	7.5	0.5
S00431396	5	144	1	0.2	7.2	<0.2
S00431397	<3	151	1	0.3	5.2	<0.2
S00431398	<3	140	1	0.3	6.1	<0.2
S00431399	<3	149	1	0.3	6.3	<0.2
S00431400	5	14	<1	0.5	0.9	0.7
*Dup S00431389	<3	222	1	0.3	6.7	<0.2
*Rep S00431399	<3	150	1	0.1	6.2	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	73	1531	2	16.1	1.4	49.8
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Rep S00431369	<3	757	1	<0.1	0.3	0.4
*Rep S00431370	209	96	<1	0.1	3.6	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Std OREAS 623	77	1501	1	19.1	1.6	52.5
*Std MP-2a	5284	<10	2	>1000	3.6	14.4
*Rep S00431399	<3	150	1	0.1	6.2	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	73	1531	2	16.1	1.4	49.8
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Rep S00431369	<3	757	1	<0.1	0.3	0.4
*Rep S00431370	209	96	<1	0.1	3.6	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	77	1501	1	19.1	1.6	52.5
*Std MP-2a	5284	<10	2	>1000	3.6	14.4

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431351	3.8	41	0.9	20	1.28	1.3
S00431352	6.4	54	1.7	27	2.06	1.9
S00431353	5.6	53	1.9	22	1.97	2.3
S00431354	4.9	49	1.5	22	1.65	1.9
S00431355	5.8	75	2.3	24	2.30	2.7
S00431356	11.1	107	3.8	47	3.26	3.8
S00431357	9.4	78	1.5	45	2.28	1.7
S00431358	6.7	50	1.8	46	2.02	1.5
S00431359	5.0	56	1.3	34	1.60	1.1
S00431360	2.3	26	0.4	15	0.81	0.4
S00431361	8.9	56	1.9	47	2.39	1.6
S00431362	7.8	74	2.7	34	2.85	3.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431363	7.8	79	2.8	18	2.66	2.9
S00431364	8.4	92	3.1	16	3.12	4.0
S00431365	8.4	53	1.8	55	2.27	1.6
S00431366	5.7	55	1.2	52	1.72	1.2
S00431367	68.0	162	9.1	374	7.75	3.5
S00431368	13.2	59	3.1	119	3.03	1.5
S00431369	9.6	82	1.7	74	2.38	2.3
S00431370	212	2421	2.5	2928	11.42	0.2
S00431371	9.4	58	1.1	55	2.20	1.6
S00431372	9.1	89	1.8	24	2.40	0.8
S00431373	55.3	71	6.1	183	11.24	2.0
S00431374	49.4	67	5.1	123	10.59	1.6
S00431375	27.4	84	2.9	90	6.16	1.1
S00431376	7.7	43	1.0	86	1.82	0.6
S00431377	33.7	83	3.4	231	7.20	1.3
S00431378	56.3	58	2.7	128	12.01	1.2
S00431379	55.4	63	4.7	120	11.79	1.5
S00431380	55.0	61	4.4	118	11.39	1.4
S00431381	20.4	123	1.4	50	2.70	0.9
S00431382	15.2	70	1.6	253	2.68	0.8
S00431383	41.2	81	6.8	156	8.48	1.9
S00431384	49.3	73	4.0	155	10.34	1.4
S00431385	21.4	93	4.6	30	5.43	2.0
S00431386	35.1	88	6.5	188	7.17	1.9
S00431387	37.2	87	2.8	276	8.35	0.9
S00431388	110	67	0.5	1134	6.91	0.2
S00431389	48.9	66	2.1	138	10.16	0.9
S00431390	2.5	21	0.4	22	0.89	0.5
S00431391	55.7	63	2.7	104	11.82	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431392	54.7	44	1.4	110	12.01	0.7
S00431393	59.2	58	0.9	155	12.48	0.6
S00431394	56.2	56	1.4	98	11.47	0.7
S00431395	56.8	70	1.9	87	12.07	0.8
S00431396	55.4	65	2.2	80	11.62	0.8
S00431397	65.6	55	2.6	270	11.48	0.8
S00431398	240	51	2.0	308	15.96	0.7
S00431399	54.0	65	1.9	104	11.78	0.7
S00431400	345	3237	0.2	4168	16.71	<0.1
*Dup S00431389	49.8	84	2.2	147	10.46	0.9
*Rep S00431399	53.8	58	1.9	97	11.62	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	214	37	3.2	16946	13.29	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00431369	9.2	71	1.6	68	2.23	2.1
*Rep S00431370	213	2450	2.5	2921	11.46	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	239	38	3.1	16981	13.64	1.6
*Std MP-2a	5.9	140	6.5	455	5.23	1.4
*Rep S00431399	53.8	58	1.9	97	11.62	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	214	37	3.2	16946	13.29	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00431369	9.2	71	1.6	68	2.23	2.1
*Rep S00431370	213	2450	2.5	2921	11.46	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	239	38	3.1	16981	13.64	1.6
*Std MP-2a	5.9	140	6.5	455	5.23	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 50 Core
50

ANALYSIS REPORT BBM21-11181

Element Method Lower Limit Upper Limit Unit	La GE_IMS90A50 0.1 10,000 ppm m / m	Li GE_IMS90A50 5 10,000 ppm m / m	Mg GE_IMS90A50 0.01 30 %	Mn GE_IMS90A50 10 10,000 ppm m / m	Mo GE_IMS90A50 2 10,000 ppm m / m	Ni GE_IMS90A50 10 50,000 ppm m / m
S00431351	12.6	7	0.31	94	<2	13
S00431352	16.0	10	0.60	135	<2	25
S00431353	15.3	11	0.63	115	<2	18
S00431354	12.5	9	0.48	105	2	21
S00431355	14.0	14	0.79	128	<2	20
S00431356	20.1	19	1.10	177	3	34
S00431357	11.0	11	0.62	151	3	31
S00431358	12.6	9	0.52	114	<2	16
S00431359	11.7	6	0.40	101	<2	18
S00431360	7.4	10	9.14	642	<2	16
S00431361	14.5	10	0.65	119	<2	21
S00431362	14.9	17	0.98	150	<2	24
S00431363	20.6	17	0.98	168	<2	31
S00431364	21.2	21	1.15	212	<2	27
S00431365	18.1	10	0.67	148	<2	23
S00431366	12.5	7	0.44	120	<2	16
S00431367	21.7	36	2.72	683	3	363
S00431368	13.3	12	1.02	270	<2	51
S00431369	13.4	12	0.72	167	<2	25
S00431370	4.1	28	14.68	1410	<2	3934
S00431371	13.1	9	0.74	177	<2	21
S00431372	11.5	9	0.76	250	2	181
S00431373	18.9	22	3.74	1477	<2	219
S00431374	22.3	21	3.42	1375	<2	64
S00431375	141	16	2.14	837	<2	84
S00431376	11.7	7	0.60	239	<2	29
S00431377	17.5	20	2.60	885	<2	114
S00431378	18.5	17	3.75	1646	<2	55
S00431379	18.5	24	3.90	1523	<2	68

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431380	18.6	24	3.66	1469	<2	70
S00431381	27.5	10	0.90	404	<2	48
S00431382	13.7	9	0.91	327	<2	46
S00431383	21.6	23	2.96	992	<2	84
S00431384	19.3	20	3.54	1462	<2	63
S00431385	32.9	23	2.12	542	<2	61
S00431386	24.8	24	2.60	746	<2	112
S00431387	22.6	14	3.03	1192	<2	117
S00431388	13.1	10	1.56	736	3	627
S00431389	22.2	15	3.36	1382	<2	60
S00431390	7.7	11	9.24	606	<2	12
S00431391	18.6	13	3.54	1708	<2	57
S00431392	21.6	10	3.49	1796	<2	49
S00431393	16.8	11	3.94	1919	<2	58
S00431394	16.5	11	3.77	1702	<2	59
S00431395	15.6	14	3.97	1857	<2	65
S00431396	16.0	14	4.00	1770	<2	57
S00431397	13.4	19	3.34	1492	2	74
S00431398	13.7	12	3.15	1491	<2	360
S00431399	13.5	12	3.62	1660	<2	52
S00431400	1.3	<5	14.57	931	3	14528
*Dup S00431389	22.2	16	3.48	1436	<2	70
*Rep S00431399	13.5	12	3.67	1641	<2	51
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	23.9	16	1.30	553	10	19
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00431369	12.8	10	0.64	157	<2	21
*Rep S00431370	4.2	29	14.26	1405	<2	3978
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	26.8	16	1.36	627	9	24
*Std MP-2a	163	90	0.10	1095	1651	16
*Rep S00431399	13.5	12	3.67	1641	<2	51
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	23.9	16	1.30	553	10	19
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00431369	12.8	10	0.64	157	<2	21
*Rep S00431370	4.2	29	14.26	1405	<2	3978
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	26.8	16	1.36	627	9	24
*Std MP-2a	163	90	0.10	1095	1651	16

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431351	0.03	4	<1	<1	>40.0	<50
S00431352	0.03	8	<1	<1	38.1	<50
S00431353	0.03	6	<1	<1	37.6	<50
S00431354	0.03	6	<1	<1	>40.0	<50
S00431355	0.03	10	<1	<1	36.5	<50
S00431356	0.04	8	<1	<1	31.9	<50
S00431357	0.02	27	<1	<1	>40.0	<50
S00431358	0.02	5	<1	<1	39.6	<50
S00431359	0.02	8	<1	<1	38.3	<50
S00431360	0.03	10	<1	<1	7.2	<50
S00431361	0.04	9	<1	<1	>40.0	<50
S00431362	0.03	20	<1	<1	36.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 50 Core
50

ANALYSIS REPORT BBM21-11181

Element Method Lower Limit Upper Limit Unit	P GE_IMS90A50 0.01 25 %	Pb GE_IMS90A50 2 50,000 ppm m / m	S GE_IMS90A50 1 25 %	Sb GE_IMS90A50 1 10,000 ppm m / m	Si GE_IMS90A50 0.1 40 %	Sn GE_IMS90A50 50 10,000 ppm m / m
S00431363	0.03	10	<1	<1	34.9	<50
S00431364	0.05	6	<1	<1	32.2	<50
S00431365	0.02	11	<1	<1	>40.0	<50
S00431366	0.02	8	<1	<1	39.2	<50
S00431367	0.06	10	<1	<1	27.8	<50
S00431368	0.03	8	<1	<1	36.3	<50
S00431369	0.03	9	<1	<1	33.5	<50
S00431370	0.04	5	2	4	17.5	<50
S00431371	0.02	8	<1	<1	>40.0	<50
S00431372	0.02	8	<1	<1	36.4	<50
S00431373	0.11	10	<1	<1	23.1	<50
S00431374	0.09	9	<1	<1	23.9	<50
S00431375	0.06	12	<1	<1	30.0	<50
S00431376	0.02	9	<1	<1	39.7	<50
S00431377	0.05	9	<1	<1	31.0	<50
S00431378	0.11	8	<1	<1	22.8	<50
S00431379	0.10	8	<1	<1	23.8	<50
S00431380	0.10	9	<1	<1	22.8	<50
S00431381	0.04	14	<1	<1	30.3	<50
S00431382	0.04	23	<1	<1	33.5	<50
S00431383	0.08	10	<1	<1	26.8	<50
S00431384	0.09	12	<1	<1	25.2	<50
S00431385	0.05	13	<1	<1	29.2	<50
S00431386	0.06	9	<1	<1	28.8	<50
S00431387	0.08	10	<1	<1	25.2	<50
S00431388	0.05	13	3	<1	32.2	<50
S00431389	0.10	7	<1	<1	24.0	<50
S00431390	0.03	7	<1	<1	7.1	<50
S00431391	0.11	8	<1	<1	23.0	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431392	0.11	7	<1	<1	22.4	<50
S00431393	0.11	8	<1	<1	22.1	<50
S00431394	0.09	10	<1	<1	21.8	<50
S00431395	0.09	24	<1	<1	21.4	<50
S00431396	0.11	9	<1	<1	21.6	<50
S00431397	0.08	9	<1	<1	24.5	<50
S00431398	0.08	12	4	<1	21.2	<50
S00431399	0.09	9	<1	<1	22.8	<50
S00431400	0.01	14	7	3	14.4	<50
*Dup S00431389	0.10	8	<1	<1	24.4	<50
*Rep S00431399	0.09	8	<1	<1	23.0	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.05	2292	9	28	23.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00431369	0.02	8	<1	<1	33.7	<50
*Rep S00431370	0.04	6	2	5	17.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.05	2488	10	28	22.7	<50
*Std MP-2a	0.02	2929	1	7	30.3	576
*Rep S00431399	0.09	8	<1	<1	23.0	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.05	2292	9	28	23.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00431369	0.02	8	<1	<1	33.7	<50
*Rep S00431370	0.04	6	2	5	17.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.05	2488	10	28	22.7	<50
*Std MP-2a	0.02	2929	1	7	30.3	576

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431351	47	<1	0.07	15	<5	5.1
S00431352	33	<1	0.13	25	<5	7.7
S00431353	32	<1	0.13	28	<5	8.0
S00431354	31	<1	0.08	18	<5	5.1
S00431355	29	<1	0.18	34	<5	7.2
S00431356	32	<1	0.30	64	<5	13.1
S00431357	12	<1	0.18	33	<5	8.3
S00431358	31	<1	0.09	19	<5	5.0
S00431359	31	<1	0.08	12	<5	5.0
S00431360	134	<1	0.08	13	<5	8.7
S00431361	30	<1	0.11	18	6	6.1
S00431362	39	<1	0.20	49	<5	6.9
S00431363	31	<1	0.21	45	<5	9.8
S00431364	49	<1	0.27	76	<5	12.9
S00431365	26	<1	0.10	21	<5	7.2
S00431366	27	<1	0.06	13	<5	3.8
S00431367	116	<1	0.70	195	<5	18.5
S00431368	110	<1	0.21	57	<5	8.4
S00431369	36	<1	0.20	37	<5	8.7
S00431370	33	1	0.35	141	<5	8.6
S00431371	50	<1	0.14	30	<5	8.2
S00431372	180	<1	0.16	40	<5	7.0
S00431373	199	<1	1.44	395	<5	29.4
S00431374	214	<1	1.31	364	<5	26.5
S00431375	267	<1	0.70	200	<5	22.8
S00431376	94	<1	0.14	41	<5	6.2
S00431377	178	<1	0.78	219	<5	19.0
S00431378	193	<1	1.54	419	<5	30.0
S00431379	191	<1	1.51	411	<5	29.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11181

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431380	191	<1	1.45	400	<5	29.1
S00431381	285	<1	0.54	105	<5	26.4
S00431382	225	<1	0.35	84	<5	11.0
S00431383	189	<1	1.00	281	<5	22.7
S00431384	177	<1	1.28	361	<5	28.6
S00431385	263	<1	0.53	135	<5	17.6
S00431386	203	<1	0.79	222	<5	19.6
S00431387	226	<1	0.92	271	<5	23.1
S00431388	132	<1	0.41	138	<5	11.2
S00431389	206	<1	1.30	358	<5	27.4
S00431390	133	<1	0.07	13	<5	8.5
S00431391	200	<1	1.52	417	<5	29.6
S00431392	201	<1	1.56	420	<5	31.0
S00431393	212	<1	1.63	445	<5	30.8
S00431394	225	<1	1.47	397	<5	28.6
S00431395	198	<1	1.54	420	<5	28.7
S00431396	221	<1	1.51	422	<5	27.8
S00431397	167	<1	1.24	362	<5	25.2
S00431398	192	<1	1.21	343	<5	26.3
S00431399	194	<1	1.35	379	<5	28.4
S00431400	<10	2	0.09	69	<5	3.4
*Dup S00431389	209	<1	1.34	369	<5	29.0
*Rep S00431399	190	<1	1.33	373	<5	28.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	84	<1	0.14	24	9	17.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00431369	32	<1	0.18	34	<5	7.6
*Rep S00431370	33	1	0.35	145	<5	8.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11181

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	87	<1	0.16	27	<5	17.5
*Std MP-2a	19	6	0.03	<5	3297	238
*Rep S00431399	190	<1	1.33	373	<5	28.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	84	<1	0.14	24	9	17.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00431369	32	<1	0.18	34	<5	7.6
*Rep S00431370	33	1	0.35	145	<5	8.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	87	<1	0.16	27	<5	17.5
*Std MP-2a	19	6	0.03	<5	3297	238

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431351	0.5	18	0.084
S00431352	0.7	67	0.122
S00431353	0.8	16	0.126
S00431354	0.5	36	0.115
S00431355	0.8	25	0.128
S00431356	1.3	48	0.194
S00431357	1.0	22	0.246
S00431358	0.5	24	0.215
S00431359	0.5	30	0.158
S00431360	0.7	42	0.028
S00431361	0.7	301	0.297
S00431362	0.8	78	0.175
S00431363	1.1	29	0.090

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11181

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431364	1.4	34	0.043
S00431365	0.7	70	0.205
S00431366	0.4	52	0.160
S00431367	2.1	84	0.490
S00431368	0.9	57	0.097
S00431369	1.0	37	0.198
S00431370	0.8	115	1.745
S00431371	0.8	29	0.125
S00431372	0.8	25	0.007
S00431373	2.7	265	0.219
S00431374	2.5	147	0.165
S00431375	2.0	76	0.080
S00431376	0.6	24	0.014
S00431377	1.6	87	0.122
S00431378	2.8	151	0.176
S00431379	2.8	266	0.162
S00431380	2.7	229	0.163
S00431381	2.4	37	0.060
S00431382	1.1	79	0.058
S00431383	2.3	99	0.165
S00431384	2.8	126	0.105
S00431385	1.8	72	0.030
S00431386	2.0	92	0.171
S00431387	2.2	137	0.091
S00431388	1.1	59	1.822
S00431389	2.7	107	0.169
S00431390	0.6	41	0.024
S00431391	2.9	143	0.186
S00431392	3.1	137	0.200
S00431393	2.7	160	0.248
S00431394	2.4	151	0.155

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11181

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431395	2.3	160	0.155
S00431396	2.6	173	0.129
S00431397	2.4	134	0.528
S00431398	2.4	130	3.712
S00431399	2.6	144	0.167
S00431400	0.4	99	7.349
*Dup S00431389	2.7	117	0.161
*Rep S00431399	2.6	143	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	9976	-
*Blk BLANK	<0.1	<5	-
*Rep S00431369	0.8	32	-
*Rep S00431370	0.8	123	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.6	9910	-
*Std MP-2a	26.5	5609	-
*Std GS314-2	-	-	2.573
*Blk BLANK	-	-	<0.005
*Rep S00431376	-	-	0.012
*Std GS314-2	-	-	2.597
*Blk BLANK	-	-	<0.005
*Rep S00431397	-	-	0.505
*Rep S00431399	2.6	143	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	9976	-
*Blk BLANK	<0.1	<5	-
*Rep S00431369	0.8	32	-
*Rep S00431370	0.8	123	-
*Blk BLANK	<0.1	<5	-
*Std GS314-2	-	-	2.573
*Std OREAS 623	1.6	9910	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11181

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Blk BLANK	-	-	<0.005
*Std MP-2a	26.5	5609	-
*Rep S00431376	-	-	0.012
*Std GS314-2	-	-	2.597
*Blk BLANK	-	-	<0.005
*Rep S00431397	-	-	0.505

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11194

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	14-Jul-2021
Project	Shakespeare exploration	Date Analysed	22-Jul-2021 - 21-Sep-2021
Submission Number	*SD* Shakespeare/ 50 Core	Date Completed	21-Sep-2021
Number of Samples	50	SGS Order Number	BBM21-11194

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431401	2.29	<5	<10	<5	<5	7.20
S00431402	2.55	<5	<10	<5	<5	6.87
S00431403	2.81	<5	<10	<5	<5	6.93
S00431404	3.08	<5	<10	<5	<5	6.79
S00431405	0.87	7	<10	<5	<5	4.56
S00431406	3.04	<5	<10	<5	<5	7.07
S00431407	1.45	<5	<10	<5	<5	6.81
S00431408	1.11	<5	<10	<5	<5	4.03
S00431409	3.07	<5	<10	<5	<5	6.89
S00431410	0.73	<5	<10	<5	<5	1.14
S00431411	3.16	<5	<10	<5	<5	7.04
S00431412	3.24	<5	<10	<5	<5	6.66
S00431413	3.63	<5	<10	<5	<5	7.04
S00431414	1.50	<5	<10	<5	<5	1.91
S00431415	2.74	<5	<10	<5	<5	6.99
S00431416	2.26	5	10	6	<5	7.56
S00431417	2.97	<5	<10	<5	<5	6.84
S00431418	3.35	7	20	28	<5	7.83
S00431419	3.32	5	10	10	<5	7.60
S00431420	0.11	65	440	544	<5	2.79
S00431421	2.93	19	70	63	<5	7.68
S00431422	3.05	20	100	32	<5	7.86
S00431423	3.63	7	50	118	<5	7.91
S00431424	1.96	<5	<10	10	<5	7.55
S00431425	0.96	6	10	24	<5	6.82
S00431426	1.83	<5	<10	7	<5	7.67
S00431427	2.91	<5	<10	<5	<5	7.67
S00431428	3.09	<5	<10	7	<5	7.59
S00431429	0.70	<5	<10	<5	<5	3.42

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431430	0.69	<5	<10	<5	<5	3.65
S00431431	1.71	16	20	26	<5	7.39
S00431432	2.12	256	460	583	<5	7.06
S00431433	3.29	22	40	44	<5	7.75
S00431434	3.24	144	250	196	<5	6.62
S00431435	2.87	153	240	238	<5	6.55
S00431436	2.43	159	200	251	<5	6.70
S00431437	1.82	210	380	340	<5	6.66
S00431438	2.18	111	170	206	<5	7.05
S00431439	2.41	150	150	187	<5	6.87
S00431440	0.69	<5	<10	<5	<5	1.07
S00431441	0.63	<5	<10	<5	<5	1.09
S00431442	3.38	<5	<10	<5	<5	7.13
S00431443	1.79	<5	<10	<5	<5	7.59
S00431444	3.35	17	20	26	<5	7.26
S00431445	3.34	22	30	30	<5	7.62
S00431446	1.94	79	100	83	<5	7.37
S00431447	3.77	48	50	59	<5	8.21
S00431448	2.98	38	40	52	<5	7.37
S00431449	3.03	39	50	54	<5	6.61
S00431450	0.11	39	570	1010	<5	1.32
*Dup S00431439	-	154	190	180	<5	6.58
*Std OREAS 680	-	151	390	210	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	56	-	-
*Std OREAS 681	-	53	530	234	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431418	-	8	20	29	-	-
*Blk BLANK	-	-	-	-	<5	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11194

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	5.77
*Std OREAS 6 3	-	-	-	-	22	5.26
*Std OREAS 927	-	-	-	-	9	6.56
*Std MP-2a	-	-	-	-	<5	5.81
*Rep S00431449	-	-	-	-	<5	6.61
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	21	4.96
*Rep S00431413	-	-	-	-	<5	6.97
*Rep S00431413	-	-	-	-	<5	6.99
*Std OREAS 623	-	-	-	-	19	5.23
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.44
*Std MP-2a	-	-	-	-	<5	6.05
*Rep S00431446	-	74	80	81	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	162	410	219	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431401	<3	154	1	0.1	6.4	<0.2
S00431402	<3	161	<1	0.1	6.7	<0.2
S00431403	<3	138	1	<0.1	6.8	<0.2
S00431404	<3	149	1	0.1	6.2	0.2
S00431405	<3	35	<1	0.5	7.5	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431406	<3	176	1	0.1	6.3	<0.2
S00431407	<3	173	2	0.1	6.2	<0.2
S00431408	<3	72	<1	<0.1	7.9	0.2
S00431409	<3	176	1	0.1	6.2	<0.2
S00431410	<3	96	<1	<0.1	18.1	<0.2
S00431411	<3	145	1	0.1	6.7	<0.2
S00431412	<3	170	1	0.2	6.9	<0.2
S00431413	<3	135	1	0.2	6.7	<0.2
S00431414	<3	29	<1	<0.1	6.6	<0.2
S00431415	<3	215	1	0.1	6.4	<0.2
S00431416	<3	134	1	0.3	6.8	<0.2
S00431417	<3	217	1	0.2	6.6	<0.2
S00431418	5	225	<1	0.2	5.9	<0.2
S00431419	<3	154	<1	0.2	6.5	<0.2
S00431420	186	91	<1	0.1	3.2	0.6
S00431421	5	202	<1	0.5	5.0	0.2
S00431422	5	178	<1	0.2	6.4	<0.2
S00431423	3	207	<1	0.1	6.4	<0.2
S00431424	<3	196	<1	<0.1	6.5	<0.2
S00431425	6	78	<1	0.1	6.4	0.2
S00431426	8	134	<1	<0.1	6.7	<0.2
S00431427	<3	115	1	0.2	6.5	<0.2
S00431428	11	116	1	0.2	2.5	<0.2
S00431429	6	58	<1	<0.1	0.5	<0.2
S00431430	6	69	<1	<0.1	0.4	<0.2
S00431431	6	267	2	1.4	1.6	0.3
S00431432	444	211	1	12.6	5.2	1.2
S00431433	9	253	1	1.3	4.5	0.3
S00431434	34	279	1	8.0	3.6	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431435	42	335	1	10.9	3.8	0.5
S00431436	60	296	1	9.8	4.1	0.6
S00431437	60	298	1	15.3	4.3	1.3
S00431438	34	342	1	7.5	3.7	0.5
S00431439	82	390	1	6.9	4.1	0.3
S00431440	<3	89	<1	<0.1	19.7	0.2
S00431441	<3	84	<1	<0.1	18.8	<0.2
S00431442	<3	344	1	0.3	4.0	<0.2
S00431443	<3	258	1	0.6	4.4	0.2
S00431444	4	316	1	1.2	4.3	0.2
S00431445	8	290	1	2.2	4.4	0.3
S00431446	13	491	1	2.9	3.6	0.3
S00431447	144	272	1	1.3	5.3	<0.2
S00431448	45	297	2	2.4	4.2	0.2
S00431449	24	354	1	2.3	4.1	0.3
S00431450	7	19	<1	0.6	0.9	0.7
*Dup S00431439	73	387	1	6.5	3.9	0.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5680	12	1	940	3.1	14.6
*Std OREAS 623	74	1463	2	18.2	1.4	54.0
*Std OREAS 927	16	331	2	48.5	0.4	1.1
*Std MP-2a	5416	12	2	>1000	2.9	14.8
*Rep S00431449	24	351	1	2.4	4.0	0.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	79	1390	1	17.3	1.3	52.6
*Rep S00431413	<3	133	1	0.1	6.6	<0.2
*Rep S00431413	<3	137	1	0.2	6.6	<0.2
*Std OREAS 623	80	1428	1	15.6	1.4	50.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std OREAS 9 7	17	328	2	75.1	0.4	1.1
*Std MP-2a	5480	12	1	>1000	3.1	13.7

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431401	54.6	80	2.1	99	11.39	0.8
S00431402	49.9	86	3.7	101	10.43	0.9
S00431403	49.3	87	1.7	84	10.71	0.7
S00431404	48.5	88	2.2	71	10.64	0.8
S00431405	30.6	32	0.2	1444	4.32	0.2
S00431406	48.9	84	3.2	60	11.05	1.0
S00431407	46.3	72	2.8	76	10.59	0.9
S00431408	42.5	59	1.7	184	7.00	0.4
S00431409	40.9	84	3.4	42	10.33	0.9
S00431410	2.8	<20	0.4	19	0.92	0.5
S00431411	45.6	85	1.5	80	10.69	0.7
S00431412	48.8	76	1.7	103	10.49	0.8
S00431413	47.8	71	1.7	50	11.62	0.6
S00431414	13.8	40	0.3	56	3.12	0.1
S00431415	49.8	65	2.6	51	11.89	0.9
S00431416	48.0	73	1.1	151	9.66	0.5
S00431417	48.3	65	1.6	91	10.89	0.8
S00431418	48.2	59	1.1	132	8.08	0.9
S00431419	44.0	62	1.1	167	7.97	0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431420	184	2937	2.2	2895	10.87	0.2
S00431421	78.6	116	2.8	909	9.22	0.9
S00431422	47.7	50	1.3	210	8.54	0.6
S00431423	48.0	52	1.9	136	8.37	0.8
S00431424	46.6	66	1.5	82	8.22	0.7
S00431425	39.7	48	0.8	403	6.71	0.3
S00431426	50.4	80	1.0	104	8.14	0.5
S00431427	50.0	88	0.6	61	11.46	0.4
S00431428	26.5	193	0.9	87	4.69	0.4
S00431429	5.9	78	0.1	44	1.23	0.1
S00431430	5.7	77	0.1	37	1.25	<0.1
S00431431	36.4	171	3.3	834	6.21	1.1
S00431432	242	70	1.3	5370	11.90	0.6
S00431433	63.9	107	2.7	799	9.33	0.9
S00431434	228	181	3.0	3378	14.07	1.0
S00431435	244	141	3.1	3512	14.41	1.2
S00431436	220	147	2.1	3625	13.61	1.1
S00431437	262	167	1.1	7401	14.10	1.1
S00431438	193	123	0.9	2421	12.13	1.3
S00431439	180	114	1.1	2015	12.26	1.4
S00431440	2.6	42	0.4	22	0.97	0.4
S00431441	2.3	<20	0.4	23	0.82	0.5
S00431442	53.6	91	1.2	206	10.33	1.2
S00431443	55.7	95	2.3	388	10.39	1.0
S00431444	70.8	85	2.5	579	10.72	1.2
S00431445	66.4	95	1.6	607	11.04	1.1
S00431446	104	88	4.8	1442	12.15	1.6
S00431447	96.0	90	2.1	585	12.01	0.9
S00431448	78.4	74	2.7	877	10.61	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11194

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431449	69.6	71	5.0	804	9.82	1.3
S00431450	321	3336	0.2	3912	15.10	<0.1
*Dup S00431439	167	107	1.0	1943	11.72	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.7	156	5.6	457	5.11	1.2
*Std OREAS 623	216	35	2.7	17094	13.20	1.5
*Std OREAS 927	29.7	72	5.0	10876	8.67	1.9
*Std MP-2a	5.4	151	6.3	423	4.70	1.2
*Rep S00431449	69.8	73	5.0	805	9.79	1.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	215	34	2.9	15835	12.32	1.5
*Rep S00431413	46.9	75	1.7	51	11.31	0.6
*Rep S00431413	47.0	70	1.8	50	11.44	0.6
*Std OREAS 623	208	33	2.8	17201	12.86	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	26.7	76	5.1	10803	8.27	1.8
*Std MP-2a	5.6	159	5.7	444	4.89	1.2

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431401	14.6	15	3.94	1717	<2	56
S00431402	13.3	21	3.93	1593	<2	57
S00431403	14.3	12	3.88	1664	<2	58
S00431404	14.4	13	3.99	1612	<2	58

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431405	7.2	<5	0.79	656	<2	69
S00431406	14.0	15	4.01	1611	<2	60
S00431407	14.7	14	4.01	1584	<2	65
S00431408	7.2	19	2.41	1206	<2	90
S00431409	14.8	20	3.87	1598	<2	62
S00431410	7.7	11	9.17	650	<2	15
S00431411	14.2	10	4.05	1653	<2	58
S00431412	14.3	13	3.68	1623	<2	55
S00431413	15.8	12	3.80	1726	<2	62
S00431414	4.1	7	0.95	725	<2	26
S00431415	16.1	15	4.08	1804	<2	60
S00431416	15.6	11	3.07	1457	<2	79
S00431417	16.2	14	3.65	1593	<2	54
S00431418	10.1	18	4.48	1357	<2	110
S00431419	9.2	11	4.04	1332	<2	112
S00431420	3.8	27	14.66	1360	<2	3718
S00431421	23.9	15	3.26	1174	<2	513
S00431422	11.7	12	4.08	1410	<2	127
S00431423	10.6	13	3.97	1350	<2	98
S00431424	9.9	15	4.13	1324	<2	100
S00431425	9.4	9	3.03	1071	<2	87
S00431426	9.7	11	4.23	1340	<2	111
S00431427	17.3	14	3.96	1812	<2	94
S00431428	32.9	13	1.94	616	2	88
S00431429	12.7	<5	0.39	164	3	23
S00431430	13.0	<5	0.42	156	<2	20
S00431431	20.0	19	2.41	670	3	282
S00431432	12.5	12	3.85	1377	<2	4266
S00431433	23.4	15	2.95	1223	3	475

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431434	20.7	18	3.10	1317	18	3168
S00431435	17.8	21	2.99	1336	27	3410
S00431436	18.2	21	3.07	1357	13	2925
S00431437	19.8	24	2.68	1299	14	3483
S00431438	19.8	22	2.79	1244	8	2469
S00431439	20.3	24	2.82	1310	11	2282
S00431440	6.7	12	8.84	644	<2	15
S00431441	8.1	11	8.44	741	<2	12
S00431442	18.3	21	2.65	1491	<2	77
S00431443	18.8	20	2.62	1506	2	104
S00431444	18.7	17	2.58	1508	<2	361
S00431445	19.2	23	2.61	1523	<2	367
S00431446	18.5	24	2.60	1396	<2	957
S00431447	22.6	19	3.00	1748	<2	628
S00431448	21.9	20	2.30	1345	3	684
S00431449	20.3	18	2.27	1306	<2	579
S00431450	1.2	<5	13.74	948	2	15021
*Dup S00431439	19.4	24	2.67	1264	16	2130
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	152	87	0.09	1041	1626	13
*Std OREAS 623	25.9	17	1.30	587	9	23
*Std OREAS 927	35.3	35	2.26	1164	<2	31
*Std MP-2a	143	92	0.09	1012	1601	13
*Rep S00431449	20.5	18	2.35	1321	2	588
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	23.5	16	1.19	589	9	20
*Rep S00431413	15.6	13	3.82	1660	<2	68
*Rep S00431413	16.1	15	3.73	1673	<2	61

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	26.0	16	1.35	593	9	17
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	35.2	34	2.20	1158	<2	31
*Std MP-2a	155	89	0.10	1009	1573	16

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431401	0.09	12	<1	<1	23.3	<50
S00431402	0.09	6	<1	<1	20.2	<50
S00431403	0.09	6	<1	<1	20.5	<50
S00431404	0.09	8	<1	<1	20.4	<50
S00431405	0.03	15	<1	<1	27.6	<50
S00431406	0.10	6	<1	<1	20.2	<50
S00431407	0.10	6	<1	<1	21.0	<50
S00431408	0.06	6	<1	<1	22.4	<50
S00431409	0.09	7	<1	<1	20.0	<50
S00431410	0.02	7	<1	<1	7.6	<50
S00431411	0.09	7	<1	<1	21.7	<50
S00431412	0.09	7	<1	<1	21.3	<50
S00431413	0.10	4	<1	<1	20.9	<50
S00431414	0.03	3	<1	<1	30.1	<50
S00431415	0.10	5	<1	<1	20.2	<50
S00431416	0.10	7	<1	<1	21.5	<50
S00431417	0.10	6	<1	<1	21.7	<50
S00431418	0.03	6	<1	<1	22.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 50 Core
50

ANALYSIS REPORT BBM21-11194

Element Method	P GE_IMS90A50	Pb GE_IMS90A50	S GE_IMS90A50	Sb GE_IMS90A50	Si GE_IMS90A50	Sn GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431419	0.03	7	<1	<1	22.7	<50
S00431420	0.03	8	1	4	16.6	<50
S00431421	0.05	7	<1	<1	23.1	<50
S00431422	0.04	7	<1	<1	22.7	<50
S00431423	0.04	6	<1	<1	22.5	<50
S00431424	0.03	6	<1	<1	21.6	<50
S00431425	0.03	10	<1	<1	25.1	<50
S00431426	0.03	6	<1	<1	23.4	<50
S00431427	0.09	5	<1	<1	20.2	<50
S00431428	0.03	8	<1	<1	28.3	<50
S00431429	0.02	4	<1	<1	35.3	<50
S00431430	0.02	3	<1	<1	37.9	<50
S00431431	0.03	7	<1	<1	28.5	<50
S00431432	0.03	8	2	<1	21.5	<50
S00431433	0.05	7	<1	<1	24.8	<50
S00431434	0.04	7	4	<1	22.5	<50
S00431435	0.04	8	4	<1	22.0	<50
S00431436	0.05	9	3	<1	22.3	<50
S00431437	0.05	9	4	<1	22.1	<50
S00431438	0.05	8	2	<1	23.1	<50
S00431439	0.05	7	2	<1	22.9	<50
S00431440	0.02	6	<1	<1	7.9	<50
S00431441	0.02	7	<1	<1	7.9	<50
S00431442	0.05	8	<1	<1	22.2	<50
S00431443	0.05	10	<1	<1	23.3	<50
S00431444	0.05	9	<1	<1	22.7	<50
S00431445	0.05	10	<1	<1	23.1	<50
S00431446	0.05	7	<1	<1	22.9	<50
S00431447	0.06	9	<1	<1	20.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431448	0.05	10	<1	<1	23.4	<50
S00431449	0.05	8	<1	<1	25.3	<50
S00431450	<0.01	16	6	2	13.4	<50
*Dup S00431439	0.05	7	1	<1	22.2	<50
*Blk BLANK	<0.01	5	<1	<1	<0.1	<50
*Blk BLANK	<0.01	5	<1	<1	<0.1	<50
*Std MP-2a	0.01	2418	<1	7	31.2	560
*Std OREAS 623	0.05	2224	9	27	23.7	<50
*Std OREAS 927	0.06	191	1	2	29.7	<50
*Std MP-2a	0.01	3034	<1	6	31.0	523
*Rep S00431449	0.05	9	<1	<1	24.9	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2244	8	25	23.1	<50
*Rep S00431413	0.11	4	<1	<1	19.9	<50
*Rep S00431413	0.10	4	<1	<1	20.2	<50
*Std OREAS 623	0.05	2223	9	27	22.0	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.05	193	1	2	27.0	<50
*Std MP-2a	0.02	3050	<1	7	28.9	527

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431401	225	<1	1.37	380	<5	26.5
S00431402	170	<1	1.28	348	<5	24.6
S00431403	216	<1	1.29	359	<5	25.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431404	196	<1	1.32	341	<5	25.2
S00431405	375	<1	0.36	232	<5	14.2
S00431406	206	<1	1.33	360	<5	25.5
S00431407	213	<1	1.34	350	<5	26.3
S00431408	75	<1	0.86	211	<5	15.6
S00431409	168	<1	1.32	358	<5	25.4
S00431410	123	<1	0.09	16	<5	9.4
S00431411	235	<1	1.30	368	<5	25.0
S00431412	214	<1	1.34	370	<5	25.5
S00431413	160	<1	1.46	411	<5	27.9
S00431414	78	<1	0.33	114	<5	6.7
S00431415	154	<1	1.52	414	<5	27.7
S00431416	266	<1	1.33	365	<5	26.6
S00431417	161	<1	1.42	383	<5	27.7
S00431418	205	<1	0.47	220	<5	14.8
S00431419	232	<1	0.43	214	<5	14.2
S00431420	28	1	0.33	136	<5	8.3
S00431421	207	<1	0.85	273	<5	22.8
S00431422	206	<1	0.52	226	<5	16.6
S00431423	207	<1	0.50	223	<5	16.2
S00431424	206	<1	0.48	218	<5	15.0
S00431425	246	<1	0.37	194	<5	12.8
S00431426	230	<1	0.49	222	<5	15.2
S00431427	175	<1	1.48	401	<5	28.2
S00431428	204	<1	0.44	162	<5	15.6
S00431429	51	<1	0.16	26	<5	9.6
S00431430	53	<1	0.12	27	<5	6.9
S00431431	158	<1	0.42	173	<5	12.3
S00431432	177	4	0.46	206	<5	15.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11194

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431433	168	<1	0.78	286	<5	22.8
S00431434	135	4	0.72	272	<5	20.0
S00431435	136	4	0.79	268	5	20.3
S00431436	136	4	0.75	267	<5	20.5
S00431437	144	4	0.63	236	<5	21.5
S00431438	159	3	0.65	223	<5	21.1
S00431439	134	2	0.67	245	<5	22.6
S00431440	149	<1	0.07	14	<5	8.7
S00431441	133	<1	0.07	13	<5	9.8
S00431442	136	<1	0.77	277	<5	22.8
S00431443	157	<1	0.78	292	<5	25.8
S00431444	147	<1	0.79	286	<5	23.9
S00431445	151	<1	0.83	319	<5	24.8
S00431446	132	<1	0.82	327	<5	23.7
S00431447	169	<1	0.93	322	<5	27.7
S00431448	184	<1	0.84	269	<5	25.8
S00431449	177	<1	0.80	256	<5	24.5
S00431450	<10	<1	0.09	71	<5	3.6
*Dup S00431439	129	2	0.63	237	<5	21.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3550	229
*Std OREAS 623	83	<1	0.15	26	<5	17.2
*Std OREAS 927	30	<1	0.34	78	7	22.9
*Std MP-2a	15	5	0.03	<5	3077	228
*Rep S00431449	173	<1	0.80	254	<5	24.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	84	<1	0.15	25	<5	17.1
*Rep S00431413	155	<1	1.45	407	<5	27.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00431413	159	<1	1.45	405	<5	28.1
*Std OREAS 623	86	<1	0.16	26	<5	17.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.34	78	6	22.9
*Std MP-2a	14	6	0.04	<5	2085	225

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431401	2.6	134	0.169
S00431402	2.1	132	0.162
S00431403	2.5	136	0.123
S00431404	2.5	144	0.094
S00431405	1.4	50	0.613
S00431406	2.4	138	0.080
S00431407	2.4	128	0.110
S00431408	1.5	121	0.400
S00431409	2.4	130	0.040
S00431410	0.7	38	0.020
S00431411	2.2	127	0.114
S00431412	2.2	123	0.178
S00431413	3.0	139	0.073
S00431414	0.7	37	0.097
S00431415	2.7	144	0.048
S00431416	2.5	113	0.237
S00431417	2.4	134	0.121
S00431418	1.3	87	0.033

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11194

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431419	1.3	93	0.026
S00431420	0.5	111	1.806
S00431421	2.5	113	0.626
S00431422	1.6	97	0.040
S00431423	1.7	90	0.042
S00431424	1.5	88	0.021
S00431425	1.3	77	0.092
S00431426	1.6	92	0.035
S00431427	2.7	130	0.050
S00431428	1.4	59	0.039
S00431429	1.0	16	0.012
S00431430	0.7	17	0.008
S00431431	1.4	94	0.165
S00431432	1.4	154	2.500
S00431433	2.1	109	0.366
S00431434	1.8	129	3.413
S00431435	1.6	127	3.670
S00431436	1.7	141	2.993
S00431437	1.5	169	3.795
S00431438	2.0	125	2.378
S00431439	2.2	112	1.999
S00431440	0.6	36	0.021
S00431441	0.7	42	0.019
S00431442	1.8	125	0.033
S00431443	1.8	132	0.075
S00431444	1.8	128	0.352
S00431445	1.7	139	0.261
S00431446	2.0	147	0.964
S00431447	2.4	153	0.336
S00431448	2.1	128	0.456
S00431449	2.6	118	0.518

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11194

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431450	0.4	98	7.210
*Dup S00431439	2.2	109	1.953
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	30.6	5837	-
*Std OREAS 623	1.7	9860	-
*Std OREAS 927	2.3	709	-
*Std MP-2a	28.3	5820	-
*Rep S00431449	2.6	127	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	10205	-
*Rep S00431413	-	-	0.068
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.531
*Blk BLANK	-	-	<0.005
*Rep S00431442	-	-	0.036
*Std GS314-2	-	-	2.539
*Rep S00431413	2.8	140	-
*Rep S00431413	2.8	135	-
*Std OREAS 623	1.5	10139	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.0	755	-
*Std MP-2a	19.6	5504	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.570
*Blk BLANK	-	-	<0.005
*Rep S00431403	-	-	0.127
*Std GS314-2	-	-	2.566

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ 50 Core
Number of Samples 50

ANALYSIS REPORT BBM21-11194

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11347

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	20-Jul-2021
Project	Shakespeare exploration	Date Analysed	27-Jul-2021 - 06-Sep-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	06-Sep-2021
Core		SGS Order Number	BBM21-11347
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431451	3.39	32	30	33	<5	7.31
S00431452	2.12	59	50	51	<5	7.03
S00431453	2.49	108	60	75	<5	8.92
S00431454	1.85	71	60	61	<5	7.46
S00431455	2.84	28	30	36	<5	7.17
S00431456	2.87	31	40	50	<5	7.09
S00431457	2.36	36	40	66	<5	7.08
S00431458	3.54	6	<10	<5	<5	7.19
S00431459	2.80	<5	<10	<5	<5	7.03
S00431460	0.87	<5	<10	<5	<5	0.96
S00431461	3.06	<5	<10	6	<5	7.69
S00431462	1.81	17	50	27	<5	4.41
S00431463	1.43	42	100	95	<5	8.01
S00431464	3.23	83	110	147	<5	7.90
S00431465	3.54	84	140	160	<5	7.36
S00431466	3.75	87	150	172	<5	6.99
S00431467	2.88	137	240	253	<5	6.90
S00431468	3.25	181	310	337	<5	6.69
S00431469	2.77	155	290	326	<5	6.89
S00431470	0.12	58	440	577	<5	2.80
S00431471	2.77	332	350	426	<5	6.33
S00431472	3.01	272	250	338	<5	7.11
S00431473	1.30	157	350	322	<5	7.34
S00431474	3.82	99	150	203	<5	6.97
S00431475	3.21	23	60	41	<5	7.60
S00431476	2.28	69	120	126	<5	6.60
S00431477	2.20	73	70	80	<5	6.50
S00431478	3.16	7	<10	6	<5	4.60
S00431479	1.37	14	<10	<5	<5	7.41

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431480	1.39	8	<10	<5	<5	7.99
S00431481	1.74	9	<10	<5	<5	7.21
S00431482	3.25	<5	<10	<5	<5	4.39
S00431483	1.13	6	<10	<5	7	0.67
S00431484	2.30	<5	<10	<5	<5	1.52
S00431485	1.79	<5	<10	<5	<5	1.94
S00431486	0.98	<5	<10	<5	<5	2.43
S00431487	0.70	<5	<10	<5	<5	6.04
S00431488	3.00	<5	<10	<5	<5	4.31
S00431489	1.30	6	<10	5	<5	6.95
S00431490	0.79	<5	<10	<5	<5	0.88
S00431491	2.47	<5	<10	8	<5	7.28
S00431492	3.46	5	<10	8	<5	7.34
S00431493	2.86	<5	<10	<5	<5	6.59
S00431494	2.99	<5	<10	7	<5	7.66
S00431495	3.64	<5	<10	10	<5	7.96
S00431496	3.81	7	<10	10	<5	8.07
S00431497	3.64	10	<10	11	<5	7.39
S00431498	3.32	7	10	11	<5	7.44
S00431499	3.71	7	<10	11	<5	7.38
S00431500	0.11	38	540	1000	<5	1.45
*Dup S00431489	-	7	<10	5	<5	7.08
*Std OREAS 623	-	-	-	-	18	5.22
*Std OREAS 927	-	-	-	-	<5	6.39
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	6.05
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	145	370	200	-	-
*Blk BLANK	-	-	-	-	<5	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 623	-	-	-	-	20	5.19
*Rep S00431460	-	-	-	-	<5	0.95
*Std MP-2a	-	-	-	-	<5	5.99
*Rep S00431494	-	-	-	-	<5	7.76
*Std OREAS 927	-	-	-	-	<5	6.58
*Rep S00431461	-	6	<10	6	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431485	-	<5	<10	<5	-	-
*Std OREAS 681	-	50	470	231	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	145	360	210	-	-

Element Method	As GE_IMS90A50	Ba GE_IMS90A50	Be GE_IMS90A50	Bi GE_IMS90A50	Ca GE_IMS90A50	Cd GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431451	21	286	1	1.8	4.9	0.4
S00431452	32	298	1	1.7	4.4	0.3
S00431453	<3	308	1	2.2	5.9	0.3
S00431454	32	358	<1	1.8	4.2	0.2
S00431455	31	319	1	1.5	4.4	0.3
S00431456	24	281	1	1.8	4.3	0.3
S00431457	5	316	1	2.3	4.3	0.3
S00431458	<3	281	1	0.5	4.5	0.3
S00431459	<3	322	2	0.4	6.7	<0.2
S00431460	<3	73	<1	<0.1	18.8	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431461	<3	597	2	0.4	3.4	<0.2
S00431462	7	324	3	0.9	8.6	<0.2
S00431463	71	579	3	2.1	3.2	<0.2
S00431464	56	403	2	4.5	3.8	0.2
S00431465	86	218	1	6.5	4.2	0.4
S00431466	49	223	1	7.4	4.3	0.5
S00431467	57	259	1	9.1	4.2	0.7
S00431468	67	196	1	11.1	3.7	0.8
S00431469	43	282	1	13.3	3.7	0.7
S00431470	174	79	<1	0.2	3.0	0.4
S00431471	75	308	1	14.7	3.7	1.1
S00431472	61	307	1	12.2	4.1	0.6
S00431473	63	256	1	11.7	3.9	0.7
S00431474	22	265	1	5.9	4.1	0.6
S00431475	27	270	<1	1.3	4.4	0.3
S00431476	54	384	1	3.3	3.8	0.6
S00431477	26	428	1	2.4	2.5	3.5
S00431478	10	398	<1	0.3	0.8	0.4
S00431479	15	751	2	0.1	0.4	<0.2
S00431480	17	858	2	0.1	0.4	<0.2
S00431481	12	842	1	0.3	1.4	<0.2
S00431482	<3	915	<1	<0.1	0.4	<0.2
S00431483	<3	136	<1	25.2	<0.1	0.4
S00431484	<3	264	<1	<0.1	0.2	<0.2
S00431485	<3	185	<1	<0.1	0.2	0.2
S00431486	<3	284	<1	0.2	0.3	0.3
S00431487	<3	850	1	0.1	0.9	0.3
S00431488	3	557	<1	<0.1	0.5	0.3
S00431489	<3	421	<1	0.3	3.2	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431490	7	67	<1	0.5	18.4	0.3
S00431491	<3	426	<1	0.4	4.9	0.3
S00431492	4	256	<1	0.2	5.6	0.5
S00431493	12	147	<1	<0.1	2.4	<0.2
S00431494	8	231	<1	<0.1	4.3	0.2
S00431495	10	242	<1	0.1	4.9	<0.2
S00431496	8	236	<1	0.1	5.6	<0.2
S00431497	7	233	<1	0.2	5.6	<0.2
S00431498	8	216	<1	0.1	5.8	<0.2
S00431499	6	163	<1	0.1	5.9	<0.2
S00431500	5	14	<1	0.5	1.0	0.7
*Dup S00431489	<3	418	<1	0.3	3.2	0.3
*Std OREAS 623	78	1501	2	17.8	1.3	49.6
*Std OREAS 927	16	319	2	53.6	0.4	0.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5483	<10	2	946	2.9	13.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	80	1418	1	18.9	1.4	54.6
*Rep S00431460	3	69	<1	<0.1	18.7	<0.2
*Std MP-2a	5212	<10	1	987	2.9	14.1
*Rep S00431494	8	220	<1	0.1	4.3	0.3
*Std OREAS 927	15	308	2	56.0	0.4	1.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431451	64.4	72	3.9	572	10.98	1.1
S00431452	72.3	77	4.2	957	10.80	1.2
S00431453	63.2	83	4.1	286	13.75	1.3
S00431454	88.6	76	5.8	728	11.89	1.4
S00431455	71.1	73	4.5	706	10.62	1.2
S00431456	76.3	77	3.0	834	10.63	1.1
S00431457	69.0	74	4.3	707	10.42	1.2
S00431458	46.6	131	4.0	265	10.00	1.2
S00431459	44.3	77	4.2	100	9.47	1.2
S00431460	2.5	20	0.3	19	0.81	0.4
S00431461	51.5	111	9.1	106	10.45	2.3
S00431462	66.3	316	5.6	236	11.16	1.4
S00431463	105	193	8.9	429	9.61	2.2
S00431464	134	106	6.8	751	11.75	1.8
S00431465	130	89	3.0	1426	10.72	0.9
S00431466	143	91	3.1	1657	11.26	1.0
S00431467	167	102	4.0	3414	12.01	1.1
S00431468	237	146	3.1	3526	12.38	1.0
S00431469	166	108	4.8	3786	11.78	1.3
S00431470	201	2858	2.3	2719	10.72	0.2
S00431471	205	148	5.5	4699	11.58	1.4
S00431472	150	101	6.1	3069	11.27	1.5
S00431473	135	197	5.4	3375	10.49	1.4
S00431474	143	127	7.7	2660	11.04	1.7
S00431475	62.4	113	9.4	482	8.86	2.1
S00431476	74.3	128	6.0	1232	7.79	2.1
S00431477	61.6	117	7.0	504	6.57	2.1
S00431478	24.5	103	2.0	239	3.11	1.5
S00431479	23.2	142	6.9	36	3.80	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431480	26.0	146	7.5	31	4.07	3.5
S00431481	18.4	158	3.0	43	2.34	2.9
S00431482	7.4	50	0.6	46	0.80	3.1
S00431483	2.3	54	0.2	69	0.58	0.4
S00431484	2.3	68	0.2	39	0.54	0.5
S00431485	0.7	59	0.2	24	0.52	0.4
S00431486	2.3	60	0.3	51	0.60	0.7
S00431487	8.6	56	1.4	75	2.41	2.6
S00431488	6.3	70	0.5	38	0.80	1.4
S00431489	45.6	101	10.5	282	7.83	3.2
S00431490	2.3	34	0.3	20	0.67	0.5
S00431491	47.0	40	11.2	128	8.49	3.4
S00431492	44.1	55	5.5	106	8.32	1.9
S00431493	33.0	108	2.6	111	3.47	1.2
S00431494	34.7	68	2.9	44	6.05	1.4
S00431495	40.0	51	2.4	52	7.06	1.3
S00431496	42.1	59	2.4	109	7.69	1.2
S00431497	45.4	47	2.9	141	8.31	1.1
S00431498	47.7	42	2.8	131	8.59	1.1
S00431499	46.1	43	1.9	138	8.63	0.9
S00431500	352	3587	0.2	4261	16.79	<0.1
*Dup S00431489	46.2	102	10.6	334	7.96	3.3
*Std OREAS 623	225	33	2.8	16996	13.08	1.4
*Std OREAS 927	29.6	75	5.1	10804	8.45	1.8
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.7	164	5.8	432	5.04	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	234	45	2.8	18535	13.75	1.4
*Rep S00431460	2.4	28	0.3	20	0.81	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std MP-2a	5.7	159	5.9	438	4.98	1.3
*Rep S00431494	35.8	71	2.9	43	6.11	1.4
*Std OREAS 927	28.5	74	5.3	10401	8.46	1.9

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431451	23.5	16	2.22	1381	2	475
S00431452	22.2	17	2.22	1283	2	498
S00431453	21.6	29	3.35	1830	2	492
S00431454	19.2	22	2.57	1402	2	752
S00431455	21.7	18	2.16	1308	3	477
S00431456	22.1	19	2.34	1346	2	602
S00431457	21.6	17	2.22	1350	<2	516
S00431458	20.2	18	2.26	1345	<2	82
S00431459	25.3	17	2.34	1519	<2	142
S00431460	6.6	9	8.92	411	<2	14
S00431461	28.2	33	2.91	1314	<2	283
S00431462	144	37	5.89	1784	10	394
S00431463	39.9	34	2.92	1182	8	752
S00431464	22.2	23	2.96	1458	8	1265
S00431465	19.2	15	2.56	1359	6	1487
S00431466	17.8	15	2.50	1371	5	1673
S00431467	16.7	16	2.55	1279	6	2290
S00431468	13.9	24	2.68	1171	5	3786
S00431469	17.5	24	2.71	1200	3	2814

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431470	3.7	48	12.91	1295	<2	3748
S00431471	19.1	16	2.23	1118	5	3401
S00431472	21.4	17	2.35	1211	3	2523
S00431473	23.9	24	2.27	1176	3	2464
S00431474	21.0	22	2.48	1243	5	2179
S00431475	16.9	34	3.01	1220	<2	317
S00431476	16.9	24	2.30	969	2	909
S00431477	16.7	29	2.06	648	3	545
S00431478	18.6	12	0.68	230	5	199
S00431479	27.2	20	0.98	236	3	63
S00431480	29.7	21	1.12	259	3	58
S00431481	33.2	16	0.67	231	4	49
S00431482	32.2	<5	0.14	68	3	10
S00431483	3.6	7	0.04	51	4	<10
S00431484	8.8	<5	0.06	49	5	12
S00431485	11.6	8	0.04	51	4	<10
S00431486	14.1	<5	0.08	68	4	12
S00431487	34.0	7	0.25	411	3	12
S00431488	23.7	5	0.18	83	3	14
S00431489	17.2	31	2.44	873	2	70
S00431490	5.6	9	8.81	388	3	31
S00431491	14.1	32	2.78	1134	<2	74
S00431492	13.6	24	2.89	1154	<2	70
S00431493	43.0	15	1.07	455	3	68
S00431494	17.6	22	2.54	855	<2	71
S00431495	13.7	21	2.89	1018	<2	71
S00431496	14.3	15	2.98	1132	<2	75
S00431497	13.3	16	3.07	1270	<2	79
S00431498	16.2	15	3.07	1275	<2	80

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431499	14.1	15	3.08	1304	<2	80
S00431500	1.4	<5	14.39	1041	2	16272
*Dup S00431489	17.3	32	2.42	883	2	75
*Std OREAS 623	26.6	16	1.24	611	9	19
*Std OREAS 927	36.7	37	2.23	1199	<2	33
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	220	100	0.10	1059	1614	18
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	26.3	17	1.24	597	10	22
*Rep S00431460	6.3	9	8.71	407	<2	12
*Std MP-2a	158	96	0.10	1002	1598	15
*Rep S00431494	16.8	20	2.56	861	2	74
*Std OREAS 927	35.2	41	2.07	1128	<2	36

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431451	0.06	9	<1	<1	27.3	<50
S00431452	0.05	8	<1	<1	26.2	<50
S00431453	0.07	10	<1	<1	22.0	<50
S00431454	0.06	8	<1	<1	25.3	<50
S00431455	0.05	9	<1	<1	26.3	<50
S00431456	0.05	9	<1	<1	26.2	<50
S00431457	0.05	9	<1	<1	26.2	<50
S00431458	0.07	9	<1	<1	27.0	<50
S00431459	0.05	10	<1	<1	23.8	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431460	0.02	9	<1	<1	6.5	<50
S00431461	0.06	8	<1	<1	24.9	<50
S00431462	0.34	11	<1	<1	19.5	<50
S00431463	0.07	13	<1	<1	25.0	<50
S00431464	0.06	8	<1	<1	23.5	<50
S00431465	0.04	9	1	<1	25.4	<50
S00431466	0.05	9	2	<1	25.2	<50
S00431467	0.05	9	2	<1	24.9	<50
S00431468	0.04	18	3	<1	23.7	<50
S00431469	0.05	24	2	<1	24.7	<50
S00431470	0.03	5	2	3	18.3	<50
S00431471	0.04	10	3	<1	25.9	<50
S00431472	0.04	11	2	<1	25.9	<50
S00431473	0.05	12	2	<1	26.1	<50
S00431474	0.04	11	2	<1	25.5	<50
S00431475	0.03	30	<1	<1	24.8	<50
S00431476	0.03	14	<1	<1	24.7	<50
S00431477	0.02	378	<1	<1	28.0	<50
S00431478	<0.01	17	<1	<1	37.2	<50
S00431479	0.02	10	<1	<1	33.7	<50
S00431480	0.02	5	<1	<1	32.8	<50
S00431481	0.02	12	<1	<1	33.6	<50
S00431482	<0.01	17	<1	<1	38.7	<50
S00431483	<0.01	810	<1	<1	>40.0	<50
S00431484	<0.01	4	<1	<1	>40.0	<50
S00431485	<0.01	4	<1	<1	>40.0	<50
S00431486	<0.01	11	<1	<1	>40.0	<50
S00431487	<0.01	11	<1	<1	35.6	<50
S00431488	<0.01	12	<1	<1	37.6	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431489	0.02	42	<1	<1	27.4	<50
S00431490	0.01	8	<1	<1	6.0	<50
S00431491	0.04	14	<1	<1	23.5	<50
S00431492	0.03	14	<1	<1	25.1	<50
S00431493	0.02	34	<1	<1	32.3	<50
S00431494	0.02	10	<1	<1	27.4	<50
S00431495	0.02	10	<1	<1	26.8	<50
S00431496	0.02	10	<1	<1	27.5	<50
S00431497	0.04	11	<1	<1	25.7	<50
S00431498	0.14	9	<1	<1	24.0	<50
S00431499	0.04	10	<1	<1	24.0	<50
S00431500	<0.01	15	8	2	14.7	<50
*Dup S00431489	0.02	43	<1	<1	27.1	<50
*Std OREAS 623	0.05	2368	9	27	23.8	<50
*Std OREAS 927	0.05	217	1	1	29.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.02	2735	<1	7	31.8	485
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2396	10	27	23.9	<50
*Rep S00431460	0.02	7	<1	<1	6.5	<50
*Std MP-2a	0.01	2683	<1	7	31.2	546
*Rep S00431494	0.02	10	<1	<1	28.2	<50
*Std OREAS 927	0.05	191	2	2	29.1	<50

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431451	201	<1	0.86	272	<5	28.2
S00431452	165	<1	0.82	287	<5	26.4
S00431453	152	<1	1.05	328	<5	33.7
S00431454	140	<1	0.91	309	<5	27.4
S00431455	181	<1	0.83	278	<5	25.8
S00431456	184	<1	0.81	268	<5	26.0
S00431457	192	<1	0.79	253	<5	26.2
S00431458	196	<1	0.81	271	<5	26.0
S00431459	210	<1	0.86	297	<5	27.6
S00431460	148	<1	0.06	14	<5	6.8
S00431461	182	<1	0.89	299	<5	29.1
S00431462	69	<1	1.76	316	<5	48.0
S00431463	181	<1	0.93	326	<5	28.2
S00431464	171	1	0.78	289	<5	26.9
S00431465	192	2	0.68	236	<5	23.1
S00431466	174	2	0.69	250	<5	22.7
S00431467	157	2	0.66	269	<5	22.2
S00431468	157	3	0.66	242	<5	21.7
S00431469	144	3	0.64	228	<5	22.2
S00431470	29	1	0.31	129	<5	8.3
S00431471	147	4	0.60	221	<5	22.0
S00431472	178	3	0.64	211	<5	24.2
S00431473	196	3	0.64	195	<5	25.4
S00431474	182	1	0.65	215	<5	23.7
S00431475	192	<1	0.53	241	<5	19.3
S00431476	125	<1	0.59	206	<5	17.3
S00431477	100	<1	0.49	151	<5	11.9
S00431478	55	<1	0.17	54	<5	8.9
S00431479	49	<1	0.33	101	<5	12.7

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431480	50	<1	0.35	111	<5	13.5
S00431481	47	<1	0.31	93	<5	14.5
S00431482	38	<1	0.07	10	<5	6.5
S00431483	<10	5	0.01	<5	<5	1.2
S00431484	21	<1	0.03	<5	<5	3.0
S00431485	34	<1	0.02	<5	<5	3.3
S00431486	40	<1	0.04	6	<5	3.4
S00431487	52	<1	1.40	16	6	61.1
S00431488	70	<1	0.07	8	<5	6.8
S00431489	164	<1	0.51	202	<5	15.6
S00431490	134	<1	0.06	11	9	6.9
S00431491	168	<1	0.59	224	<5	21.3
S00431492	179	<1	0.54	217	<5	20.6
S00431493	105	<1	0.38	77	<5	12.9
S00431494	182	<1	0.38	153	<5	16.2
S00431495	201	<1	0.43	197	<5	15.1
S00431496	206	<1	0.55	240	<5	15.5
S00431497	187	<1	0.61	243	<5	15.8
S00431498	188	<1	0.61	237	<5	23.9
S00431499	192	<1	0.58	231	<5	19.9
S00431500	<10	1	0.09	75	<5	3.4
*Dup S00431489	163	<1	0.52	204	<5	16.1
*Std OREAS 623	85	<1	0.14	26	<5	16.9
*Std OREAS 927	31	<1	0.33	78	9	23.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	14	6	0.03	<5	3530	228
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	84	<1	0.14	26	<5	18.2
*Rep S00431460	146	<1	0.06	14	<5	6.8

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std MP-2a	15	5	0.03	<5	3291	247
*Rep S00431494	183	<1	0.39	161	<5	17.1
*Std OREAS 927	30	<1	0.33	75	8	23.9

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431451	2.4	145	0.346
S00431452	2.4	128	0.468
S00431453	2.3	165	0.400
S00431454	2.5	139	0.870
S00431455	2.2	128	0.476
S00431456	2.4	129	0.525
S00431457	2.4	132	0.506
S00431458	2.2	124	0.066
S00431459	2.8	118	0.039
S00431460	0.5	44	0.025
S00431461	2.6	131	0.057
S00431462	3.0	172	0.086
S00431463	2.4	119	0.443
S00431464	2.4	126	0.899
S00431465	2.0	116	1.001
S00431466	2.0	123	1.209
S00431467	2.0	133	1.703
S00431468	1.9	134	2.401
S00431469	2.0	133	1.807
S00431470	0.7	112	1.860

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431471	2.0	166	2.328
S00431472	2.2	125	1.646
S00431473	2.3	126	1.466
S00431474	2.1	122	1.659
S00431475	1.7	115	0.211
S00431476	1.5	112	0.740
S00431477	1.1	661	0.550
S00431478	0.8	31	0.549
S00431479	1.2	43	0.126
S00431480	1.2	47	0.096
S00431481	1.3	34	0.120
S00431482	0.6	18	0.171
S00431483	<0.1	21	0.055
S004314 4	0.2	8	0.116
S00431485	0.2	9	0.016
S00431486	0.3	10	0.071
S00431487	10.8	43	0.233
S00431488	0.6	13	0.082
S004314 9	1.6	97	0.184
S00431490	0.5	39	0.036
S00431491	1.9	107	0.098
S00431492	1.8	132	0.142
S00431493	1.0	53	0.152
S00431494	1.4	78	0.024
S00431495	1.3	82	0.049
S00431496	1.4	89	0.030
S00431497	1.6	96	0.041
S00431498	2.3	99	0.081
S00431499	2.1	97	0.117
S00431500	0.4	96	7.258

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11347

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Dup S00431489	1.6	102	0.205
*Std OREAS 623	1.7	9838	-
*Std OREAS 927	2.3	717	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	30.4	5701	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.7	10287	-
*Rep S00431460	0.5	42	-
*Std MP-2a	26.3	5742	-
*Rep S00431494	1.4	84	-
*Std OREAS 927	2.1	715	-
*Rep S00431451	-	-	0.353
*Blk BLANK	-	-	0.009
*Std GS314-2	-	-	2.585
*Std GS314-2	-	-	2.565
*Blk BLANK	-	-	<0.005

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11349

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	20-Jul-2021
Project	Shakespeare exploration	Date Analysed	27-Jul-2021 - 16-Sep-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	16-Sep-2021
Core		SGS Order Number	BBM21-11349
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431501	3.62	7	10	12	<5	7.24
S00431502	3.49	7	10	11	<5	7.06
S00431503	3.77	7	10	12	<5	7.05
S00431504	4.09	6	10	11	<5	7.29
S00431505	2.24	6	10	12	<5	7.19
S00431506	1.73	6	10	11	<5	7.19
S00431507	3.59	<5	10	10	<5	7.19
S00431508	3.59	7	10	10	<5	6.99
S00431509	3.73	6	10	12	<5	7.16
S00431510	0.78	<5	<10	<5	<5	0.80
S00431511	3.81	5	10	10	<5	6.81
S00431512	3.48	<5	<10	<5	<5	6.51
S00431513	4.00	<5	10	5	<5	7.61
S00431514	3.85	<5	<10	6	<5	7.86
S00431515	3.94	<5	<10	7	<5	7.31
S00431516	2.82	8	<10	5	<5	4.65
S00431517	1.66	<5	10	13	<5	6.47
S00431518	2.40	7	10	13	<5	6.47
S00431519	3.55	5	10	12	<5	6.18
S00431520	0.11	69	450	585	<5	2.68
S00431521	3.85	<5	10	20	<5	6.54
S00431522	3.64	<5	<10	11	<5	6.62
S00431523	3.78	<5	<10	10	<5	6.68
S00431524	3.89	<5	<10	10	<5	6.70
S00431525	4.03	<5	<10	11	<5	6.58
S00431526	3.92	<5	<10	10	<5	6.72
S00431527	3.90	<5	<10	10	<5	7.22
S00431528	3.82	5	<10	10	<5	7.44
S00431529	1.39	<5	<10	10	<5	7.14

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431530	1.95	<5	<10	10	<5	7.31
S00431531	4.07	<5	10	10	<5	7.44
S00431532	3.77	<5	<10	9	<5	7.26
S00431533	3.34	<5	<10	9	<5	7.16
S00431534	3.54	5	<10	10	<5	6.98
S00431535	3.39	<5	<10	9	<5	7.44
S00431536	1.72	<5	<10	8	<5	7.19
S00431537	2.38	<5	<10	9	<5	7.72
S00431538	3.52	6	<10	8	<5	7.34
S00431539	3.32	<5	<10	8	<5	7.21
S00431540	0.71	<5	<10	<5	<5	0.84
S00431541	3.12	5	<10	9	<5	7.47
S00431542	3.81	<5	<10	8	<5	8.55
S00431543	3.66	<5	<10	7	<5	8.20
S00431544	3.76	<5	<10	6	<5	7.96
S00431545	3.51	6	10	6	<5	8.06
S00431546	3.83	<5	<10	6	<5	7.79
S00431547	3.82	7	20	14	<5	7.75
S00431548	3.68	7	10	9	<5	7.61
S00431549	3.58	10	20	7	<5	7.31
S00431550	0.11	39	600	1020	<5	1.44
*Dup S00431539	3.32	<5	<10	9	<5	7.43
*Std OREAS 680	-	163	400	221	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Rep S00431508	-	6	10	10	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	530	245	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431545	-	7	10	6	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	18	5.23
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	6.12
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	5.82
*Std OREAS 623	-	-	-	-	18	5.00
*Rep S00431525	-	-	-	-	<5	6.63
*Rep S00431526	-	-	-	-	<5	6.68
*Std OREAS 927	-	-	-	-	<5	6.76
*Blk BLANK	-	-	-	-	<5	<0.01

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431501	6	170	<1	0.1	6.3	<0.2
S00431502	8	176	<1	0.1	6.4	<0.2
S00431503	7	172	<1	0.1	6.1	<0.2
S00431504	7	184	<1	<0.1	6.2	<0.2
S00431505	5	190	<1	<0.1	6.1	<0.2
S00431506	3	249	<1	<0.1	5.9	<0.2
S00431507	<3	520	<1	0.1	5.3	<0.2
S00431508	5	219	<1	0.1	6.0	<0.2
S00431509	4	220	<1	0.1	6.1	<0.2
S00431510	<3	60	<1	<0.1	19.2	0.2
S00431511	<3	412	<1	0.1	5.3	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431512	3	449	<1	0.2	3.8	<0.2
S00431513	<3	210	<1	0.2	5.4	<0.2
S00431514	<3	280	<1	0.1	4.0	<0.2
S00431515	3	250	<1	0.1	4.2	<0.2
S00431516	<3	160	<1	0.1	3.4	<0.2
S00431517	<3	159	<1	0.1	6.1	<0.2
S00431518	<3	132	<1	0.1	6.7	<0.2
S00431519	<3	173	<1	0.2	6.8	0.3
S00431520	194	86	<1	<0.1	3.1	0.4
S00431521	3	134	<1	0.2	6.6	<0.2
S00431522	9	150	<1	0.7	7.0	<0.2
S00431523	5	146	<1	0.1	6.9	<0.2
S00431524	4	144	<1	0.1	6.9	<0.2
S00431525	4	140	<1	0.1	6.7	<0.2
S00431526	4	168	<1	0.1	6.3	<0.2
S00431527	<3	156	<1	<0.1	6.7	<0.2
S00431528	4	139	<1	<0.1	6.3	<0.2
S00431529	5	149	<1	<0.1	6.5	<0.2
S00431530	<3	148	<1	0.1	6.6	<0.2
S00431531	3	148	<1	0.1	6.8	<0.2
S00431532	<3	159	<1	0.1	6.3	<0.2
S00431533	<3	119	<1	<0.1	6.0	<0.2
S00431534	14	85	<1	0.1	8.2	0.3
S00431535	3	88	<1	0.1	4.0	0.2
S00431536	5	169	<1	0.1	4.9	<0.2
S00431537	7	220	<1	0.1	5.3	<0.2
S00431538	7	227	<1	0.1	5.8	<0.2
S00431539	3	183	<1	0.1	5.8	<0.2
S00431540	<3	58	<1	<0.1	18.4	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431541	<3	210	<1	0.1	5.9	0.2
S00431542	5	177	<1	0.4	6.5	0.3
S00431543	<3	187	<1	0.2	6.8	<0.2
S00431544	5	197	<1	0.2	6.1	<0.2
S00431545	4	237	1	0.2	5.5	<0.2
S00431546	5	223	<1	0.2	5.5	<0.2
S00431547	6	214	<1	0.1	6.4	<0.2
S00431548	9	223	<1	<0.1	6.4	<0.2
S00431549	4	251	1	0.1	5.5	<0.2
S00431550	7	21	<1	0.5	1.0	0.6
*Dup S00431539	4	176	<1	0.1	6.0	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	74	1463	1	16.5	1.3	51.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5017	12	1	934	3.2	13.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5202	12	1	>1000	3.1	13.0
*Std OREAS 623	73	1338	1	17.8	1.3	49.7
*Rep S00431525	4	139	<1	0.1	6.7	<0.2
*Rep S00431526	<3	172	<1	0.1	6.3	0.2
*Std OREAS 927	16	309	2	66.7	0.4	1.0
*Blk BLANK	<3	<10	<1	0.1	<0.1	0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431501	48.3	62	2.0	147	8.63	0.9
S00431502	49.8	42	1.8	138	8.86	0.9
S00431503	48.9	41	1.8	152	8.79	0.8
S00431504	48.6	45	2.0	147	8.68	0.9
S00431505	47.8	45	2.0	142	8.40	0.9
S00431506	49.4	46	3.3	155	8.81	1.3
S00431507	46.6	41	7.3	157	8.49	2.6
S00431508	49.1	44	2.9	144	8.77	1.1
S00431509	49.5	55	2.5	154	8.68	1.1
S00431510	2.0	<20	0.3	13	0.62	0.3
S00431511	46.4	48	6.5	147	8.37	2.4
S00431512	38.5	65	6.8	115	6.71	2.3
S00431513	47.6	67	3.1	82	8.60	1.1
S00431514	45.9	162	3.3	113	7.46	1.3
S00431515	42.2	205	1.8	51	6.73	1.1
S00431516	27.3	169	1.9	90	4.68	0.7
S00431517	55.5	667	2.6	56	8.65	0.8
S00431518	54.4	503	1.5	210	8.07	0.6
S00431519	52.4	650	1.4	90	7.86	0.7
S00431520	196	2796	2.2	2657	10.80	0.2
S00431521	46.9	466	1.4	66	7.46	0.6
S00431522	51.2	553	1.6	64	8.18	0.7
S00431523	49.7	459	1.4	106	7.65	0.6
S00431524	50.0	484	1.9	76	7.79	0.6
S00431525	49.7	481	1.2	93	7.73	0.6
S00431526	47.0	322	1.4	107	7.58	0.7
S00431527	48.1	278	1.2	106	7.78	0.6
S00431528	45.0	245	1.3	110	7.27	0.6
S00431529	47.9	190	1.4	106	7.50	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11349

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431530	46.8	189	1.3	109	7.68	0.6
S00431531	46.3	172	1.4	116	7.68	0.6
S00431532	45.1	158	1.7	74	7.41	0.6
S00431533	44.9	136	1.0	117	7.47	0.4
S00431534	44.7	134	0.8	51	6.70	0.3
S00431535	47.0	114	0.4	78	7.85	0.3
S00431536	42.6	104	0.9	47	7.12	0.6
S00431537	45.4	105	0.8	83	7.46	0.8
S00431538	45.3	75	0.8	67	7.45	1.0
S00431539	45.1	67	0.7	61	7.60	0.7
S00431540	2.3	<20	0.3	15	0.69	0.4
S00431541	45.2	68	1.3	113	7.65	0.9
S00431542	56.7	68	1.2	143	8.74	0.7
S00431543	53.0	59	1.7	66	8.67	0.7
S00431544	54.1	46	1.2	149	8.79	0.8
S00431545	52.5	25	2.2	192	9.46	0.9
S00431546	56.0	34	2.4	181	10.00	0.9
S00431547	47.9	26	1.9	205	9.64	0.9
S00431548	47.6	<20	2.6	192	9.07	0.9
S00431549	40.8	<20	2.6	270	8.15	1.0
S00431550	317	3498	0.2	4160	15.70	<0.1
*Dup S00431539	46.1	74	0.7	63	7.50	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	205	33	2.7	17040	12.77	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.3	163	5.6	455	4.86	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.7	155	5.7	447	4.99	1.2
*Std OREAS 623	220	44	2.7	16107	12.99	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Rep S00431525	50.0	496	1.2	83	7.75	0.5
*Rep S00431526	46.5	321	1.4	106	7.64	0.7
*Std OREAS 927	33.2	74	4.9	11048	8.87	1.8
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431501	14.2	15	3.14	1306	<2	78
S00431502	14.1	13	2.95	1318	<2	75
S00431503	14.2	13	3.10	1285	<2	77
S00431504	13.9	13	3.21	1329	<2	81
S00431505	13.5	14	3.23	1306	<2	77
S00431506	13.8	19	3.03	1328	<2	82
S00431507	11.7	31	3.14	1148	<2	76
S00431508	13.2	13	3.11	1296	<2	73
S00431509	13.6	15	3.11	1311	<2	78
S00431510	5.6	8	8.57	386	<2	11
S00431511	13.1	27	2.81	1173	<2	68
S00431512	13.0	25	2.40	831	<2	63
S00431513	15.5	19	3.13	1206	<2	69
S00431514	16.0	22	3.12	946	<2	78
S00431515	14.0	19	3.27	904	<2	90
S00431516	10.4	12	2.32	695	<2	67
S00431517	6.8	21	5.45	1328	<2	164
S00431518	8.5	13	5.05	1298	<2	139

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431519	7.6	11	5.42	1324	<2	156
S00431520	3.8	27	13.56	1314	<2	3649
S00431521	8.1	12	4.45	1216	<2	133
S00431522	9.1	12	4.93	1376	3	145
S00431523	9.6	10	4.58	1319	<2	135
S00431524	9.0	12	4.61	1289	<2	138
S00431525	9.1	13	4.66	1287	<2	137
S00431526	10.0	15	4.30	1212	<2	117
S00431527	9.5	14	4.29	1268	<2	114
S00431528	9.5	14	3.95	1151	<2	109
S00431529	9.4	13	3.88	1206	<2	103
S00431530	9.7	12	3.96	1226	<2	103
S00431531	9.3	12	4.01	1273	<2	100
S00431532	9.4	16	3.89	1178	<2	97
S00431533	9.5	26	3.79	1208	<2	96
S00431534	8.1	31	3.54	1149	<2	97
S00431535	8.2	28	4.19	1104	<2	98
S00431536	7.3	32	3.69	1049	<2	94
S00431537	8.2	22	3.89	1120	<2	100
S00431538	8.6	23	3.74	1195	<2	102
S00431539	9.7	23	3.53	1129	<2	90
S00431540	5.2	9	9.01	400	<2	11
S00431541	9.8	15	3.69	1226	<2	88
S00431542	11.4	17	3.68	1366	<2	104
S00431543	10.3	19	3.43	1442	<2	104
S00431544	11.8	16	3.30	1330	<2	88
S00431545	15.5	16	2.65	1348	<2	97
S00431546	15.3	14	2.61	1453	<2	65
S00431547	14.3	14	3.09	1471	<2	60

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431548	15.7	13	2.83	1448	<2	57
S00431549	20.4	13	2.25	1205	<2	42
S00431550	1.2	<5	15.69	1004	2	14503
*Dup S00431539	9.4	22	3.81	1128	<2	89
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	25.5	15	1.27	595	9	16
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	157	89	0.11	1038	1617	15
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	164	87	0.09	1013	1584	11
*Std OREAS 623	25.8	15	1.22	584	9	17
*Rep S00431525	9.2	12	4.66	1287	<2	155
*Rep S00431526	10.1	15	3.98	1217	<2	114
*Std OREAS 927	34.9	38	2.02	1161	<2	40
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431501	0.05	7	<1	<1	23.7	<50
S00431502	0.05	7	<1	<1	23.3	<50
S00431503	0.06	8	<1	<1	23.0	<50
S00431504	0.06	7	<1	<1	23.6	<50
S00431505	0.05	7	<1	<1	22.9	<50
S00431506	0.07	8	<1	<1	23.4	<50
S00431507	0.05	5	<1	<1	20.8	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431508	0.04	7	<1	<1	22.8	<50
S00431509	0.05	7	<1	<1	23.1	<50
S00431510	0.02	6	<1	<1	5.1	<50
S00431511	0.05	6	<1	<1	23.0	<50
S00431512	0.05	8	<1	<1	25.6	<50
S00431513	0.05	8	<1	<1	22.8	<50
S00431514	0.03	7	<1	<1	24.0	<50
S00431515	0.03	6	<1	<1	23.8	<50
S00431516	0.04	8	<1	<1	30.4	<50
S00431517	0.04	5	<1	<1	22.3	<50
S00431518	0.04	6	<1	<1	23.0	<50
S00431519	0.02	5	<1	<1	22.7	<50
S00431520	0.03	5	2	3	16.7	<50
S00431521	0.04	5	<1	<1	23.2	<50
S00431522	0.04	5	<1	<1	22.7	<50
S00431523	0.05	5	<1	<1	22.4	<50
S00431524	0.04	5	<1	<1	22.3	<50
S00431525	0.04	6	<1	<1	22.6	<50
S00431526	0.04	5	<1	<1	23.2	<50
S00431527	0.04	5	<1	<1	22.2	<50
S00431528	0.05	6	<1	<1	22.3	<50
S00431529	0.03	5	<1	<1	22.0	<50
S00431530	0.04	5	<1	<1	22.3	<50
S00431531	0.04	6	<1	<1	22.8	<50
S00431532	0.04	6	<1	<1	21.2	<50
S00431533	0.04	6	<1	<1	20.4	<50
S00431534	0.03	5	<1	<1	17.7	<50
S00431535	0.03	4	<1	<1	20.4	<50
S00431536	0.03	4	<1	<1	20.9	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431537	0.04	6	<1	<1	22.3	<50
S00431538	0.04	5	<1	<1	22.1	<50
S00431539	0.04	5	<1	<1	20.8	<50
S00431540	0.02	6	<1	<1	5.5	<50
S00431541	0.04	7	<1	<1	22.2	<50
S00431542	0.04	11	<1	<1	24.3	<50
S00431543	0.04	8	<1	<1	22.9	<50
S00431544	0.05	8	<1	<1	23.2	<50
S00431545	0.05	8	<1	<1	23.5	<50
S00431546	0.05	8	<1	<1	23.8	<50
S00431547	0.05	6	<1	<1	26.4	<50
S00431548	0.06	5	<1	<1	25.6	<50
S00431549	0.07	5	<1	<1	27.0	<50
S00431550	0.01	12	7	2	14.9	<50
*Dup S00431539	0.05	5	<1	<1	21.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.05	2218	9	27	23.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.02	2540	<1	7	30.3	500
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.02	2661	<1	7	30.3	529
*Std OREAS 623	0.05	2271	9	27	22.3	<50
*Rep S00431525	0.03	5	<1	<1	22.6	<50
*Rep S00431526	0.04	5	<1	<1	23.2	<50
*Std OREAS 927	0.06	236	1	1	27.6	<50
*Blk BLANK	<0.01	3	<1	<1	<0.1	<50

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431501	186	<1	0.60	230	<5	19.9
S00431502	185	<1	0.60	236	<5	19.4
S00431503	186	<1	0.59	230	<5	19.2
S00431504	178	<1	0.60	230	<5	19.4
S00431505	177	<1	0.57	224	<5	18.8
S00431506	170	<1	0.59	232	<5	19.8
S00431507	114	<1	0.60	236	<5	17.8
S00431508	164	<1	0.60	233	<5	19.1
S00431509	166	<1	0.58	229	<5	19.6
S00431510	155	<1	0.05	11	<5	5.7
S00431511	138	<1	0.60	228	<5	18.2
S00431512	115	<1	0.52	192	<5	14.5
S00431513	178	<1	0.61	233	<5	20.0
S00431514	161	<1	0.51	222	<5	13.0
S00431515	145	<1	0.39	200	<5	13.0
S00431516	103	<1	0.31	130	<5	12.1
S00431517	103	<1	0.42	234	<5	13.6
S00431518	134	<1	0.51	235	<5	15.6
S00431519	121	<1	0.40	226	<5	13.6
S00431520	28	1	0.31	132	<5	7.9
S00431521	145	<1	0.39	220	<5	13.5
S00431522	140	<1	0.46	245	8	15.4
S00431523	143	<1	0.47	237	<5	15.0
S00431524	154	<1	0.47	244	<5	14.9
S00431525	157	<1	0.44	237	<5	14.6
S00431526	154	<1	0.51	235	<5	16.0
S00431527	177	<1	0.48	240	<5	15.2
S00431528	173	<1	0.45	220	<5	14.6
S00431529	186	<1	0.45	217	<5	14.9

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431530	183	<1	0.48	223	<5	15.3
S00431531	179	<1	0.48	222	<5	14.9
S00431532	176	<1	0.45	213	<5	14.7
S00431533	119	<1	0.53	217	<5	16.3
S00431534	108	<1	0.39	190	<5	13.3
S00431535	96	<1	0.46	206	<5	14.4
S00431536	120	<1	0.39	188	<5	13.2
S00431537	183	<1	0.42	203	<5	13.7
S00431538	179	<1	0.43	205	<5	14.9
S00431539	160	<1	0.45	206	<5	15.7
S00431540	139	<1	0.05	14	<5	6.1
S00431541	187	<1	0.46	212	<5	15.3
S00431542	213	<1	0.55	239	<5	18.0
S00431543	209	<1	0.50	229	<5	16.2
S00431544	206	<1	0.56	241	<5	18.1
S00431545	203	<1	0.60	227	<5	22.1
S00431546	182	<1	0.69	260	<5	22.2
S00431547	203	<1	0.67	310	<5	21.5
S00431548	198	<1	0.72	303	<5	22.2
S00431549	202	<1	0.78	220	<5	26.8
S00431550	<10	<1	0.10	74	<5	3.4
*Dup S00431539	164	<1	0.47	210	<5	15.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	83	<1	0.15	26	5	16.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3208	230
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3099	225
*Std OREAS 623	80	<1	0.15	26	<5	16.3

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00431525	146	<1	0.43	237	<5	14.7
*Rep S00431526	154	<1	0.51	238	<5	16.0
*Std OREAS 927	30	<1	0.34	79	5	22.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE IMS90A50	GE IMS90A50	GE CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431501	2.3	101	0.069
S00431502	2.2	99	0.071
S00431503	2.2	101	0.059
S00431504	2.2	107	0.057
S00431505	2.1	101	0.059
S00431506	2.2	103	0.097
S00431507	2.2	100	0.199
S00431508	2.1	96	0.079
S00431509	2.0	98	0.073
S00431510	0.5	37	0.019
S00431511	2.2	91	0.104
S00431512	1.7	86	0.066
S00431513	2.4	96	0.105
S00431514	1.8	85	0.083
S00431515	1.6	75	0.052
S00431516	1.4	52	0.038
S00431517	1.5	110	0.014
S00431518	1.7	89	0.090
S00431519	1.2	85	0.026

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431520	0.8	109	1.814
S00431521	1.6	82	0.023
S00431522	1.7	96	0.024
S004315 3	1.7	88	0.034
S00431524	1.6	89	0.024
S00431525	1.7	94	0.028
S00431526	1.6	83	0.052
S00431527	1.8	88	0.035
S004315	1.6	82	0.035
S00431529	1.7	84	0.041
S00431530	1.8	89	0.042
S00431531	1.6	89	0.036
S00431532	1.5	86	0.029
S00431533	1.6	86	0.062
S00431534	1.3	84	0.039
S00431535	1.3	89	0.022
S00431536	1.5	79	0.015
S00431537	1.4	79	0.016
S0043153	1.6	73	0.017
S00431539	1.6	76	0.022
S00431540	0.5	33	0.016
S00431541	1.5	91	0.033
S00431542	1.2	103	0.046
S00431543	1.4	107	0.020
S00431544	1.5	103	0.047
S00431545	1.8	112	0.069
S00431546	1.7	123	0.050
S00431547	2.2	108	0.071
S0043154	2.4	109	0.076
S00431549	2.8	97	0.120

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Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431550	0.4	96	7.265
*Dup S00431539	1.5	74	0.017
*Blk BLANK	-	-	<0.005
*Std GS314	-	-	2.581
*Rep S00431524	-	-	0.023
*Std GS314-2	-	-	2.582
*Blk BLANK	-	-	<0.005
*Rep S00431546	-	-	0.050
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	9802	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	26.3	5636	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	29.5	5663	-
*Std OREAS 623	1.7	9899	-
*Rep S00431525	1.5	90	-
*Rep S00431526	1.3	82	-
*Std OREAS 927	1.9	802	-
*Blk BLANK	<0.1	6	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11350

To

Order Number	PO: Exploration	Date Received	20-Jul-2021
Project	Shakespeare exploration	Date Analysed	27-Jul-2021 - 21-Sep-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	22-Sep-2021
Core		SGS Order Number	BBM21-11350
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431551	3.75	8	20	7	<5	7.66
S00431552	3.60	10	<10	<5	<5	7.41
S00431553	2.69	11	10	<5	<5	7.07
S00431554	1.62	14	20	7	<5	7.12
S00431555	1.15	18	<10	<5	<5	6.44
S00431556	3.63	40	<10	<5	<5	6.94
S00431557	2.43	15	10	8	<5	7.10
S00431558	1.07	43	30	7	<5	7.59
S00431559	3.24	10	<10	<5	<5	7.43
S00431560	0.85	<5	<10	<5	<5	0.94
S00431561	1.93	11	20	20	<5	7.53
S00431562	1.83	13	50	41	<5	7.88
S00431563	2.51	23	60	66	<5	7.93
S00431564	2.12	8	40	35	<5	7.56
S00431565	1.58	9	20	17	<5	7.23
S00431566	1.05	<5	<10	<5	<5	7.30
S00431567	0.77	7	<10	<5	<5	5.83
S00431568	2.88	11	10	8	<5	7.18
S00431569	2.50	12	<10	5	<5	7.35
S00431570	0.16	72	450	582	<5	2.83
S00431571	2.04	9	<10	<5	<5	7.37
S00431572	2.12	49	<10	<5	<5	6.58
S00431573	2.60	226	<10	<5	<5	6.28
S00431574	3.72	6	30	42	<5	7.58
S00431575	3.78	<5	<10	20	<5	7.80
S00431576	3.46	<5	<10	11	<5	8.12
S00431577	3.56	<5	<10	13	<5	7.90
S00431578	3.53	<5	<10	13	<5	7.97
S00431579	1.56	<5	<10	10	<5	8.09

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431580	1.92	<5	<10	12	<5	8.17
S00431581	3.34	<5	<10	11	<5	7.87
S00431582	1.36	<5	<10	8	<5	7.83
S00431583	3.51	<5	<10	12	<5	8.00
S00431584	3.51	<5	<10	7	<5	8.11
S00431585	3.47	<5	<10	7	<5	8.19
S00431586	3.33	<5	<10	7	<5	7.93
S00431587	1.10	<5	<10	<5	<5	9.32
S00431588	2.44	<5	<10	7	<5	8.18
S00431589	1.76	<5	<10	7	<5	7.92
S00431590	0.89	<5	<10	<5	<5	1.03
S00431591	2.25	<5	<10	7	<5	9.05
S00431592	3.40	<5	<10	7	<5	7.80
S00431593	3.21	<5	<10	8	<5	8.45
S00431594	3.32	<5	<10	13	<5	8.34
S00431595	3.40	<5	<10	10	<5	9.30
S00431596	3.26	<5	<10	8	<5	8.14
S00431597	3.87	<5	<10	7	<5	7.84
S00431598	3.73	<5	<10	7	<5	7.66
S00431599	3.60	<5	<10	7	<5	7.84
S00431600	0.11	39	590	1030	<5	1.46
*Dup S00431589	-	<5	<10	7	<5	7.76
*Std OREAS 680	-	163	400	221	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	530	245	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431568	-	6	10	8	-	-
*Blk BLANK	-	-	-	-	<5	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 623	-	-	-	-	18	5.23
*Rep S00431566	-	-	-	-	<5	7.41
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	6.12
*Rep S00431592	-	-	-	-	<5	7.89
*Blk BLANK	-	-	-	-	<5	<0.01

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431551	5	242	<1	0.1	5.8	<0.2
S00431552	4	222	<1	0.1	5.6	0.2
S00431553	4	204	1	0.1	5.9	<0.2
S00431554	5	152	1	0.1	6.3	0.2
S00431555	<3	95	<1	0.1	7.8	0.2
S00431556	<3	262	<1	0.1	5.3	0.2
S00431557	<3	171	<1	0.1	6.8	<0.2
S00431558	<3	197	<1	0.4	6.1	0.5
S00431559	5	258	<1	0.4	6.1	0.2
S00431560	3	84	<1	<0.1	19.9	<0.2
S00431561	5	241	<1	0.1	6.0	<0.2
S00431562	<3	347	1	0.2	5.6	<0.2
S00431563	<3	212	1	0.3	5.9	<0.2
S00431564	<3	226	<1	0.1	5.9	<0.2
S00431565	<3	156	<1	0.2	5.4	<0.2
S00431566	<3	157	1	0.2	6.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431567	<3	35	<1	0.1	8.6	<0.2
S00431568	<3	194	1	0.1	6.0	<0.2
S00431569	4	82	1	0.1	6.4	<0.2
S00431570	179	90	<1	0.1	3.3	0.4
S00431571	<3	137	1	0.2	6.6	<0.2
S00431572	<3	162	2	0.1	5.6	<0.2
S00431573	<3	134	1	0.2	6.0	<0.2
S00431574	6	242	<1	0.1	6.2	0.2
S00431575	6	166	<1	<0.1	6.7	0.2
S00431576	7	152	<1	<0.1	7.0	<0.2
S00431577	7	164	<1	<0.1	6.7	<0.2
S00431578	<3	143	<1	<0.1	6.9	<0.2
S00431579	7	134	<1	<0.1	7.0	<0.2
S00431580	10	139	<1	<0.1	7.0	<0.2
S00431581	5	133	<1	<0.1	6.8	<0.2
S00431582	<3	142	<1	<0.1	6.2	0.2
S00431583	4	150	<1	<0.1	6.8	0.3
S00431584	4	150	<1	0.1	7.0	0.3
S00431585	4	154	<1	<0.1	7.0	<0.2
S00431586	5	143	<1	<0.1	6.8	<0.2
S00431587	<3	230	1	<0.1	4.2	<0.2
S00431588	13	180	<1	0.1	6.9	<0.2
S00431589	<3	179	1	0.1	6.7	<0.2
S00431590	5	74	<1	0.2	19.4	0.3
S00431591	<3	244	1	0.2	3.1	<0.2
S00431592	12	162	<1	0.2	6.9	<0.2
S00431593	7	162	<1	0.2	5.5	<0.2
S00431594	8	149	<1	0.1	6.6	<0.2
S00431595	8	141	<1	0.1	7.9	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431596	8	125	<1	0.1	6.9	<0.2
S00431597	6	117	<1	<0.1	7.0	<0.2
S00431598	5	145	<1	<0.1	6.9	<0.2
S00431599	<3	143	<1	<0.1	7.1	<0.2
S00431600	4	23	<1	0.5	1.0	0.7
*Dup S00431589	8	176	<1	0.4	6.7	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	74	1463	1	16.5	1.3	51.1
*Rep S00431566	<3	158	<1	0.2	6.6	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5017	12	1	934	3.2	13.9
*Rep S00431592	11	160	<1	0.2	6.9	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431551	44.1	<20	2.4	219	8.88	1.0
S00431552	43.0	<20	2.4	210	9.13	1.0
S00431553	50.0	<20	1.8	210	10.82	0.8
S00431554	47.8	<20	1.6	370	10.04	0.7
S00431555	39.3	<20	1.1	372	8.69	0.5
S00431556	47.9	<20	2.7	276	10.31	1.0
S00431557	44.8	<20	2.0	270	8.87	0.7
S00431558	51.9	<20	1.2	1619	8.59	0.8
S00431559	47.8	<20	1.7	241	9.20	0.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431560	2.4	<20	0.3	18	0.78	0.4
S00431561	48.8	<20	1.9	261	9.83	0.9
S00431562	45.1	<20	1.7	278	9.50	1.3
S00431563	44.1	<20	1.8	331	9.63	0.9
S00431564	46.4	<20	2.1	155	9.33	0.9
S00431565	74.9	<20	1.1	631	7.53	0.6
S00431566	45.5	<20	1.0	232	8.41	0.6
S00431567	126	<20	0.2	293	7.51	0.1
S00431568	41.5	<20	2.3	138	8.98	0.8
S00431569	53.5	<20	0.5	296	8.14	0.4
S00431570	181	2913	2.1	2818	10.59	0.2
S00431571	43.4	<20	1.3	288	9.02	0.6
S00431572	44.2	<20	1.6	254	10.22	0.8
S00431573	54.7	<20	1.3	420	11.03	0.6
S00431574	45.2	<20	1.1	160	8.54	0.8
S00431575	47.2	<20	1.3	123	8.40	0.7
S00431576	48.4	27	1.4	111	8.03	0.7
S00431577	47.5	27	1.3	111	7.99	0.7
S00431578	47.0	21	1.0	118	8.11	0.6
S00431579	47.2	25	1.1	108	7.76	0.6
S00431580	49.9	28	1.2	111	7.83	0.6
S00431581	45.5	27	1.2	95	7.38	0.6
S00431582	45.7	29	1.3	148	7.87	0.7
S00431583	44.5	38	1.5	98	7.46	0.6
S00431584	45.2	42	1.5	90	7.44	0.6
S00431585	45.0	46	1.4	108	7.59	0.7
S00431586	46.7	45	1.1	90	7.49	0.6
S00431587	28.5	95	2.2	13	5.42	0.9
S00431588	49.8	36	1.4	117	7.60	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431589	44.1	37	1.0	100	7.29	0.8
S00431590	2.4	<20	0.3	11	0.79	0.4
S00431591	25.7	118	1.3	21	4.98	0.9
S00431592	46.9	32	1.3	106	7.63	0.6
S00431593	49.1	29	2.2	96	8.83	0.7
S00431594	53.5	37	1.5	103	8.51	0.6
S00431595	56.1	47	1.4	114	9.13	0.6
S00431596	52.9	39	1.3	95	8.09	0.5
S00431597	47.6	28	1.2	119	7.80	0.5
S00431598	49.7	35	1.4	100	8.05	0.6
S00431599	50.1	40	1.4	111	8.12	0.6
S00431600	323	2686	0.2	4277	17.03	<0.1
*Dup S00431589	46.2	47	1.1	99	7.52	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	205	33	2.7	17040	12.77	1.5
*Rep S00431566	46.1	<20	1.0	240	8.60	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.3	163	5.6	455	4.86	1.3
*Rep S00431592	46.0	33	1.3	108	7.64	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431551	16.4	13	2.66	1380	<2	63
S00431552	18.3	14	2.62	1329	<2	52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431553	18.3	18	2.69	1530	<2	61
S00431554	19.2	11	2.51	1544	<2	48
S00431555	17.1	9	1.67	1407	<2	35
S00431556	14.3	23	2.89	1446	<2	60
S00431557	16.3	15	2.77	1400	<2	56
S00431558	14.8	10	2.86	1307	<2	70
S00431559	14.5	15	3.03	1444	<2	64
S00431560	5.2	8	9.22	424	<2	13
S00431561	14.8	15	2.88	1497	<2	61
S00431562	12.9	15	3.11	1409	<2	60
S00431563	15.2	12	2.71	1426	<2	51
S00431564	15.6	13	2.92	1384	<2	62
S00431565	21.8	10	1.95	1006	<2	50
S00431566	16.3	10	2.01	1228	<2	43
S00431567	13.4	9	1.42	1055	<2	254
S00431568	25.8	13	2.46	1270	<2	48
S00431569	18.6	8	2.83	1270	<2	67
S00431570	3.6	28	14.79	1355	<2	3654
S00431571	15.0	10	2.40	1347	<2	49
S00431572	21.1	13	1.82	1351	<2	37
S00431573	23.6	11	1.78	1432	2	34
S00431574	11.8	16	3.15	1358	<2	72
S00431575	10.7	12	3.66	1409	<2	83
S00431576	9.4	10	3.85	1384	<2	89
S00431577	9.0	11	3.96	1389	<2	85
S00431578	10.1	10	3.66	1397	<2	84
S00431579	9.3	12	4.09	1316	<2	88
S00431580	9.0	10	3.88	1331	<2	95
S00431581	8.6	11	3.89	1259	<2	89

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431582	12.7	18	3.81	1296	<2	84
S00431583	8.8	13	3.94	1334	<2	93
S00431584	8.1	11	4.33	1343	<2	95
S00431585	9.0	12	4.05	1328	<2	93
S00431586	10.6	11	3.93	1306	<2	92
S00431587	24.1	17	2.91	901	<2	66
S00431588	9.7	13	4.15	1268	<2	94
S00431589	9.0	11	4.14	1213	<2	92
S00431590	5.7	9	9.24	447	<2	14
S00431591	13.6	23	2.60	728	<2	74
S00431592	8.5	11	3.96	1291	<2	95
S00431593	8.9	29	3.65	1257	<2	110
S00431594	8.6	14	3.87	1324	<2	113
S00431595	8.7	12	4.15	1469	<2	124
S00431596	7.7	12	3.80	1295	<2	113
S00431597	7.5	12	3.81	1263	<2	110
S00431598	8.3	12	3.80	1298	<2	115
S00431599	8.8	14	3.83	1332	<2	114
S00431600	1.3	<5	14.17	963	2	14906
*Dup S00431589	9.1	12	3.93	1254	<2	105
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	25.5	15	1.27	595	9	16
*Rep S00431566	16.5	11	2.00	1259	<2	40
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	157	89	0.11	1038	1617	15
*Rep S00431592	8.8	11	3.94	1302	<2	94
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431551	0.05	5	<1	<1	25.7	<50
S00431552	0.07	5	<1	<1	25.9	<50
S00431553	0.06	5	<1	<1	25.0	<50
S00431554	0.06	5	<1	<1	26.0	<50
S00431555	0.09	5	<1	<1	25.1	<50
S00431556	0.05	5	<1	<1	24.4	<50
S00431557	0.06	4	<1	<1	23.8	<50
S00431558	0.05	9	<1	<1	25.5	<50
S00431559	0.05	5	<1	<1	25.3	<50
S00431560	0.02	5	<1	<1	6.3	<50
S00431561	0.06	5	<1	<1	25.5	<50
S00431562	0.04	5	<1	<1	24.9	<50
S00431563	0.06	6	<1	<1	24.4	<50
S00431564	0.05	5	<1	<1	25.6	<50
S00431565	0.09	10	<1	<1	26.8	<50
S00431566	0.08	6	<1	<1	26.6	<50
S00431567	0.07	4	2	<1	21.1	<50
S00431568	0.07	5	<1	<1	26.1	<50
S00431569	0.06	5	<1	<1	26.0	<50
S00431570	0.03	4	2	4	18.3	<50
S00431571	0.07	5	<1	<1	25.3	<50
S00431572	0.09	4	<1	<1	26.6	<50
S00431573	0.12	5	<1	<1	24.4	<50
S00431574	0.04	5	<1	<1	24.4	<50
S00431575	0.04	6	<1	<1	25.1	<50
S00431576	0.04	5	<1	<1	25.5	<50
S00431577	0.03	4	<1	<1	25.1	<50
S00431578	0.03	5	<1	<1	25.3	<50
S00431579	0.04	5	<1	<1	24.8	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431580	0.04	5	<1	<1	25.5	<50
S00431581	0.03	5	<1	<1	24.9	<50
S00431582	0.04	9	<1	<1	25.2	<50
S00431583	0.03	4	<1	<1	24.5	<50
S00431584	0.03	5	<1	<1	24.9	<50
S00431585	0.04	6	<1	<1	25.4	<50
S00431586	0.03	6	<1	<1	25.0	<50
S00431587	0.03	8	<1	<1	26.5	<50
S00431588	0.04	10	<1	<1	25.2	<50
S00431589	0.03	7	<1	<1	24.7	<50
S00431590	0.02	6	<1	<1	6.0	<50
S00431591	0.02	8	<1	<1	27.4	<50
S00431592	0.04	7	<1	<1	24.4	<50
S00431593	0.06	11	<1	<1	23.9	<50
S00431594	0.04	8	<1	<1	25.0	<50
S00431595	0.05	13	<1	<1	28.8	<50
S00431596	0.04	7	<1	<1	25.0	<50
S00431597	0.03	8	<1	<1	24.8	<50
S00431598	0.04	10	<1	<1	24.9	<50
S00431599	0.06	9	<1	<1	25.5	<50
S00431600	0.01	17	8	2	14.9	<50
*Dup S00431589	0.04	7	<1	<1	23.7	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.05	2218	9	27	23.8	<50
*Rep S00431566	0.08	6	<1	<1	27.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.02	2540	<1	7	30.3	500
*Rep S00431592	0.03	6	<1	<1	24.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element Method	Sr GE_IMS90A50	Te GE_IMS90A50	Ti GE_IMS90A50	V GE_IMS90A50	W GE_IMS90A50	Y GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431551	195	<1	0.63	231	<5	22.1
S00431552	187	<1	0.69	249	<5	25.0
S00431553	162	<1	0.84	316	<5	25.7
S00431554	171	<1	0.96	315	<5	27.2
S00431555	167	<1	0.78	174	<5	23.8
S00431556	132	<1	0.69	280	<5	22.0
S00431557	141	<1	0.85	286	<5	24.0
S00431558	203	<1	0.63	249	<5	22.3
S00431559	188	<1	0.64	272	<5	20.2
S00431560	165	<1	0.06	16	<5	6.6
S00431561	187	<1	0.72	290	<5	22.1
S00431562	183	<1	0.57	253	<5	19.9
S00431563	200	<1	0.61	262	<5	23.2
S00431564	201	<1	0.63	250	<5	22.0
S00431565	194	<1	0.70	189	<5	27.2
S00431566	233	<1	0.97	280	<5	21.3
S00431567	165	<1	0.90	152	<5	16.7
S00431568	185	<1	0.84	262	<5	24.7
S00431569	214	<1	0.78	266	<5	25.5
S00431570	30	<1	0.32	134	<5	8.1
S00431571	223	<1	0.90	267	<5	25.0
S00431572	142	<1	1.08	262	<5	30.7
S00431573	169	<1	1.36	253	<5	35.5
S00431574	192	<1	0.58	245	<5	19.1
S00431575	196	<1	0.53	244	<5	17.4
S00431576	200	<1	0.48	243	<5	15.3
S00431577	196	<1	0.46	232	<5	14.9
S00431578	205	<1	0.47	242	<5	15.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431579	209	<1	0.44	232	<5	15.0
S00431580	211	<1	0.44	238	<5	15.0
S00431581	191	<1	0.42	223	<5	14.4
S00431582	185	<1	0.53	226	<5	19.8
S00431583	194	<1	0.43	217	<5	14.4
S00431584	193	<1	0.40	223	<5	13.2
S00431585	199	<1	0.44	228	<5	14.6
S00431586	187	<1	0.45	235	<5	14.8
S00431587	150	<1	0.57	192	<5	16.2
S00431588	201	<1	0.46	236	<5	15.0
S00431589	188	<1	0.45	234	<5	15.4
S00431590	154	<1	0.06	15	<5	6.2
S00431591	148	<1	0.50	181	<5	8.7
S00431592	207	<1	0.45	233	<5	14.3
S00431593	182	<1	0.43	233	<5	17.0
S00431594	193	<1	0.42	236	<5	15.8
S00431595	229	<1	0.44	245	<5	16.8
S00431596	203	<1	0.42	229	<5	14.6
S00431597	202	<1	0.42	229	<5	15.1
S00431598	192	<1	0.43	232	<5	15.3
S00431599	193	<1	0.45	243	<5	15.7
S00431600	14	<1	0.10	76	<5	3.8
*Dup S00431589	190	<1	0.46	240	8	15.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	83	<1	0.15	26	5	16.8
*Rep S00431566	240	<1	1.00	284	<5	22.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3208	230
*Rep S00431592	210	<1	0.45	233	<5	14.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431551	2.3	105	0.070
S00431552	2.6	105	0.078
S00431553	2.7	116	0.133
S00431554	2.7	111	0.156
S00431555	2.5	85	0.268
S00431556	2.3	121	0.191
S00431557	2.7	93	0.185
S00431558	2.3	99	0.642
S00431559	2.1	106	0.090
S00431560	0.6	33	0.018
S00431561	2.4	113	0.064
S00431562	2.1	97	0.218
S00431563	2.4	101	0.342
S00431564	2.4	100	0.115
S00431565	2.8	66	1.236
S00431566	2.1	74	0.490
S00431567	1.9	53	2.315
S00431568	2.6	84	0.219
S00431569	2.6	77	0.436
S00431570	0.8	108	1.781
S00431571	2.8	83	0.291
S00431572	3.2	89	0.481
S00431573	3.7	94	1.014

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431574	1.9	94	0.061
S00431575	1.8	96	0.037
S00431576	1.6	91	0.038
S00431577	1.6	92	0.031
S00431578	1.6	89	0.048
S00431579	1.6	85	0.038
S00431580	1.6	87	0.040
S00431581	1.5	82	0.027
S004315	2.0	101	0.108
S00431583	1.5	86	0.030
S00431584	1.3	84	0.026
S00431585	1.5	90	0.035
S00431586	1.6	86	0.034
S004315 7	1.6	70	0.005
S00431588	1.6	86	0.038
S00431589	1.6	85	0.055
S00431590	0.5	42	0.019
S00431591	1.0	59	0.020
S0043159	1.5	91	0.038
S00431593	1.5	91	0.036
S00431594	1.4	83	0.030
S00431595	1.5	89	0.023
S00431596	1.3	78	0.021
S00431597	1.4	76	0.031
S00431598	1.3	88	0.026
S00431599	1.4	82	0.033
S00431600	0.3	92	7.136
*Dup S00431589	1.7	84	0.054
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	9802	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11350

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00431566	2.3	75	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	26.3	5636	-
*Rep S0043159	1.5	85	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.581
*Std GS314-2	-	-	2.582
*Blk BLANK	-	-	<0.005
*Blk BLANK	<0.1	<5	-
*Rep S00431556	-	-	0.197
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.539
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.555
*Rep S00431593	-	-	0.037

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare / Exploration / 50
Core
Number of Samples 50

ANALYSIS REPORT BBM21-11350

<u>Scheme</u>	<u>Validator</u>	<u>Analysed Date</u>
G_PRP	Steve Gingras	13-08-21
G_WGH_KG	Steve Gingras	27-07-21
GE_CSA06V	Ma.Trizia Bauca	16-09-21
GE_CSA06V	Joey Lara	21-09-21
GE_FAI31V5	Aileen Averia	04-09-21
GE_FAI31V5	Ma.Trizia Bauca	12-09-21
GE_FAI31V5	Joey Lara	22-09-21
GE_FUZ90A50	Areej Riaz, Joey Lara	01-09-21
GE_FUZ90A50	Chester Belarmino, William Yang	31-08-21
GE_IMS90A50	Chester Belarmino	02-09-21
GE_IMS90A50	Chester Belarmino	06-09-21
GE_IMS90A50	Chester Belarmino, Joey Lara	09-09-21
GE_IMS90A50	Joey Lara	10-09-21

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11591

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	27-Jul-2021
Project	Shakespeare exploration	Date Analysed	05-Aug-2021 - 22-Sep-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	22-Sep-2021
Core		SGS Order Number	BBM21-11591
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431601	3.51	<5	<10	8	<5	7.84
S00431602	3.53	<5	<10	9	<5	8.15
S00431603	2.14	<5	<10	11	<5	8.08
S00431604	1.48	<5	<10	<5	<5	7.29
S00431605	3.41	<5	<10	<5	<5	7.80
S00431606	3.36	<5	<10	<5	<5	7.50
S00431607	3.22	<5	<10	7	<5	7.61
S00431608	2.00	<5	<10	7	<5	7.61
S00431609	1.71	<5	<10	<5	<5	2.36
S00431610	0.79	<5	<10	<5	<5	0.89
S00431611	1.21	7	<10	<5	<5	4.66
S00431612	2.36	<5	<10	<5	<5	5.20
S00431613	1.61	5	<10	9	<5	5.27
S00431614	1.91	<5	<10	<5	<5	0.91
S00431615	0.72	<5	<10	<5	<5	1.63
S00431616	2.74	<5	<10	<5	<5	1.33
S00431617	1.05	<5	<10	<5	<5	0.28
S00431618	1.22	15	<10	<5	<5	1.30
S00431619	1.19	<5	<10	<5	<5	0.07
S00431620	0.11	67	460	578	<5	2.93
S00431621	1.88	<5	<10	<5	<5	0.05
S00431622	2.14	<5	<10	<5	<5	0.14
S00431623	1.28	7	<10	<5	<5	1.77
S00431624	0.87	<5	<10	<5	<5	0.02
S00431625	1.87	<5	<10	<5	<5	0.34
S00431626	2.06	<5	<10	<5	<5	0.08
S00431627	2.40	<5	<10	<5	<5	0.03
S00431628	0.64	54	<10	<5	<5	0.03
S00431629	0.50	10	<10	<5	<5	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Core
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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431630	0.37	12	<10	<5	<5	0.08
S00431631	2.24	<5	<10	<5	<5	0.02
S00431632	2.50	<5	<10	<5	<5	1.87
S00431633	0.72	6	<10	<5	<5	0.67
S00431634	2.08	<5	<10	<5	<5	2.52
S00431635	2.58	<5	<10	<5	<5	5.99
S00431636	2.37	8	<10	11	<5	8.19
S00431637	0.78	33	<10	9	<5	2.93
S00431638	2.67	<5	<10	<5	<5	2.48
S00431639	2.64	<5	<10	<5	<5	1.21
S00431640	0.82	<5	<10	<5	<5	1.05
S00431641	2.52	<5	<10	<5	<5	4.15
S00431642	1.60	<5	<10	<5	<5	2.12
S00431643	0.94	8	<10	<5	<5	0.07
S00431644	2.65	<5	<10	<5	<5	2.31
S00431645	3.05	<5	<10	6	<5	1.74
S00431646	1.17	121	50	68	<5	3.92
S00431647	3.01	26	20	30	<5	2.25
S00431648	2.51	6	<10	<5	<5	4.91
S00431649	2.87	17	20	19	<5	7.19
S00431650	0.11	41	580	1020	<5	1.09
*Dup S00431639	-	<5	<10	<5	<5	1.08
*Rep S00431650	-	-	-	-	<5	1.07
*Std OREAS 623	-	-	-	-	22	5.04
*Std MP-2a	-	-	-	-	<5	6.07
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	6	6.50
*Rep S00431614	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00431634	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	155	400	217	-	-
*Std OREAS 681	-	51	540	250	-	-
*Std OREAS 927	-	-	-	-	<5	6.37
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	17	5.27
*Rep S00431615	-	-	-	-	<5	1.60
*Std MP-2a	-	-	-	-	<5	6.30
*Rep S00431633	-	-	-	-	<5	0.66
*Blk BLANK	-	-	-	-	<5	<0.01

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431601	<3	141	<1	<0.1	7.3	<0.2
S00431602	<3	142	<1	<0.1	7.3	<0.2
S00431603	5	153	<1	0.1	6.8	<0.2
S00431604	4	93	<1	0.2	6.9	0.3
S00431605	13	164	<1	<0.1	6.7	<0.2
S00431606	4	129	<1	<0.1	6.7	<0.2
S00431607	7	137	<1	<0.1	6.9	<0.2
S00431608	6	134	<1	<0.1	6.8	<0.2
S00431609	<3	74	<1	<0.1	1.5	<0.2
S00431610	<3	64	<1	<0.1	18.9	<0.2
S00431611	4	313	<1	0.1	5.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431612	<3	206	1	<0.1	1.5	<0.2
S00431613	10	313	<1	0.4	1.7	<0.2
S00431614	<3	23	<1	<0.1	1.0	<0.2
S00431615	10	27	<1	0.1	0.6	<0.2
S00431616	<3	48	<1	<0.1	0.5	<0.2
S00431617	<3	19	<1	<0.1	0.9	0.4
S00431618	14	144	<1	<0.1	2.1	0.3
S00431619	<3	<10	<1	<0.1	0.7	<0.2
S00431620	207	89	<1	0.1	3.2	0.4
S00431621	<3	<10	<1	<0.1	1.8	<0.2
S00431622	7	<10	<1	0.5	4.1	<0.2
S00431623	<3	136	<1	0.2	2.4	<0.2
S00431624	<3	<10	<1	<0.1	10.9	<0.2
S00431625	<3	25	<1	0.1	4.9	0.8
S00431626	<3	<10	<1	<0.1	7.7	<0.2
S00431627	<3	<10	<1	<0.1	12.7	0.4
S00431628	<3	<10	<1	0.6	10.2	0.4
S00431629	<3	<10	<1	0.2	1.7	<0.2
S00431630	<3	<10	<1	<0.1	1.8	<0.2
S00431631	<3	<10	<1	<0.1	5.7	<0.2
S00431632	<3	127	<1	0.2	0.9	<0.2
S00431633	3	46	<1	<0.1	1.1	<0.2
S00431634	<3	103	<1	<0.1	1.1	<0.2
S00431635	5	151	1	0.2	1.7	1.0
S00431636	11	318	1	0.2	3.3	0.4
S00431637	6	118	<1	0.5	1.6	2.1
S00431638	<3	83	<1	<0.1	0.6	<0.2
S00431639	<3	57	<1	<0.1	0.4	<0.2
S00431640	<3	75	<1	0.1	17.9	<0.2

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431641	<3	149	<1	0.1	0.9	<0.2
S00431642	<3	120	<1	<0.1	0.5	<0.2
S00431643	<3	<10	<1	0.3	0.2	0.2
S00431644	<3	108	<1	<0.1	0.8	<0.2
S00431645	5	103	<1	0.1	1.2	0.3
S00431646	58	180	<1	0.5	3.1	1.2
S00431647	27	151	<1	0.3	1.8	0.9
S00431648	<3	314	<1	0.1	3.3	0.3
S00431649	11	368	<1	0.4	4.6	0.2
S00431650	5	15	<1	0.5	1.0	0.7
*Dup S00431639	<3	54	<1	<0.1	0.5	<0.2
*Rep S00431650	4	14	<1	0.5	1.0	0.6
*Std OREAS 623	74	1241	1	18.5	1.3	50.4
*Std MP-2a	5092	<10	1	934	3.1	13.5
*Blk BLANK	4	<10	<1	0.2	<0.1	0.3
*Std OREAS 927	17	272	2	61.2	0.4	1.0
*Std OREAS 927	16	322	2	55.6	0.4	1.0
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 623	78	1382	1	19.1	1.4	50.9
*Rep S00431615	10	26	<1	<0.1	0.5	<0.2
*Std MP-2a	5634	12	2	>1000	3.1	14.2
*Rep S00431633	<3	44	<1	<0.1	1.0	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431601	51.9	39	1.3	164	8.14	0.5
S00431602	48.3	42	1.5	83	7.57	0.5
S00431603	49.9	42	1.0	57	7.84	0.6
S00431604	44.1	39	0.6	30	6.73	0.4
S00431605	49.2	45	1.1	37	7.39	0.6
S00431606	43.7	40	1.1	53	7.07	0.5
S00431607	50.6	41	1.2	91	7.75	0.5
S00431608	49.4	42	1.4	106	7.98	0.5
S00431609	20.0	134	1.0	9	3.58	0.3
S00431610	2.4	<20	0.3	13	0.75	0.4
S00431611	18.4	157	3.7	253	3.17	1.2
S00431612	8.6	71	1.1	38	1.78	0.7
S00431613	32.4	80	1.9	76	5.50	0.9
S00431614	5.3	53	0.2	43	1.38	0.2
S00431615	15.7	79	0.3	637	1.84	0.1
S00431616	4.9	60	0.6	23	1.44	0.3
S00431617	4.1	72	0.1	226	0.90	0.1
S00431618	22.0	110	0.8	999	1.45	0.6
S00431619	2.0	53	<0.1	105	0.83	<0.1
S00431620	197	2352	2.4	2752	11.33	0.2
S00431621	1.5	71	<0.1	265	0.56	<0.1
S00431622	1.7	67	<0.1	88	0.86	<0.1
S00431623	15.8	142	0.8	669	2.56	0.4
S00431624	0.6	43	<0.1	9	0.68	<0.1
S00431625	5.9	89	0.1	281	1.14	0.1
S00431626	0.8	52	<0.1	11	0.69	<0.1
S00431627	0.8	46	<0.1	38	0.64	<0.1
S00431628	19.0	24	<0.1	6927	1.35	<0.1
S00431629	6.7	28	<0.1	1842	0.76	<0.1

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431630	4.1	41	<0.1	799	0.93	<0.1
S00431631	0.9	46	<0.1	157	0.67	<0.1
S00431632	4.8	65	0.5	139	1.45	0.4
S00431633	3.9	49	0.5	687	0.95	0.2
S00431634	2.4	43	0.3	141	0.90	0.4
S00431635	7.2	40	0.5	164	1.56	0.6
S00431636	29.6	71	5.5	281	4.58	1.6
S00431637	27.6	39	1.6	5038	2.47	0.5
S00431638	2.0	43	0.3	22	0.74	0.3
S00431639	1.7	79	0.3	21	0.72	0.2
S00431640	2.3	<20	0.3	17	0.80	0.5
S00431641	5.2	52	1.7	46	1.49	0.7
S00431642	2.2	46	1.1	24	1.03	0.5
S00431643	15.2	59	<0.1	2128	0.85	<0.1
S00431644	3.3	48	0.3	60	1.02	0.4
S00431645	6.7	55	0.4	218	1.25	0.4
S00431646	49.5	85	1.3	2052	2.71	0.8
S00431647	27.5	60	0.8	2190	1.91	0.6
S00431648	29.9	69	5.8	486	5.47	1.5
S00431649	42.7	82	6.2	227	6.76	1.9
S00431650	344	3510	0.2	4218	16.52	<0.1
*Dup S00431639	1.6	75	0.3	26	1.11	0.2
*Rep S00431650	337	3466	0.2	4087	16.23	<0.1
*Std OREAS 623	218	27	2.8	16370	12.77	1.4
*Std MP-2a	5.6	150	5.7	458	5.01	1.2
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 927	28.6	72	5.0	10440	8.18	1.8
*Std OREAS 927	29.0	60	5.4	10224	8.56	1.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 623	215	43	2.9	15832	13.14	1.4
*Rep S00431615	15.1	76	0.3	631	1.78	0.2
*Std MP-2a	5.8	132	6.2	462	5.21	1.2
*Rep S00431633	3.3	58	0.5	661	0.89	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431601	8.6	12	3.78	1383	<2	102
S00431602	7.9	14	3.88	1325	<2	96
S00431603	8.0	15	3.94	1359	<2	98
S00431604	8.4	26	3.15	1128	<2	88
S00431605	8.6	13	3.91	1309	<2	97
S00431606	8.6	12	3.60	1243	<2	91
S00431607	9.6	12	3.88	1293	<2	93
S00431608	9.2	12	3.76	1322	<2	94
S00431609	2.5	15	1.34	433	3	54
S00431610	5.2	9	8.62	470	<2	12
S00431611	14.5	16	1.15	624	2	43
S00431612	29.8	10	0.59	220	5	23
S00431613	16.1	30	2.01	429	3	62
S00431614	4.3	5	0.32	176	4	18
S00431615	7.4	7	0.46	175	5	29
S00431616	6.7	8	0.32	123	5	20
S00431617	1.2	<5	0.06	151	5	12

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431618	7.5	<5	0.29	348	3	37
S00431619	1.4	<5	0.03	129	5	<10
S00431620	3.9	31	13.32	1384	<2	3471
S00431621	0.7	<5	0.02	204	5	<10
S00431622	1.0	<5	0.08	402	6	10
S00431623	2.7	17	0.76	314	4	45
S00431624	2.2	<5	0.03	962	5	<10
S00431625	3.4	<5	0.16	471	6	20
S00431626	2.9	<5	0.04	672	4	<10
S00431627	4.3	<5	0.08	1031	3	<10
S00431628	3.4	<5	0.05	900	<2	71
S00431629	3.6	<5	0.09	215	3	19
S00431630	2.8	<5	0.09	260	4	16
S00431631	6.0	<5	0.46	637	4	<10
S00431632	9.7	8	0.38	248	5	17
S00431633	4.6	<5	0.16	203	4	13
S00431634	12.7	<5	0.14	209	4	<10
S00431635	31.4	7	0.41	246	5	25
S00431636	31.4	20	1.50	514	3	106
S00431637	10.9	6	0.43	271	3	98
S00431638	10.8	5	0.16	85	4	<10
S00431639	7.8	<5	0.13	83	6	14
S00431640	5.9	9	8.12	436	<2	10
S00431641	15.8	11	0.45	136	4	20
S00431642	8.7	12	0.21	102	4	24
S00431643	0.7	<5	0.01	69	4	40
S00431644	9.9	<5	0.20	132	4	13
S00431645	5.0	6	0.29	189	4	17
S00431646	7.8	11	0.49	323	5	65

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431647	8.8	7	0.47	224	3	51
S00431648	8.9	22	1.92	636	2	130
S00431649	15.6	28	2.32	817	<2	146
S00431650	0.6	<5	13.48	993	3	15870
*Dup S00431639	7.3	<5	0.10	130	6	10
*Rep S00431650	0.5	<5	13.37	983	3	15499
*Std OREAS 623	26.2	16	1.17	570	9	28
*Std MP-2a	156	90	0.09	1013	1592	11
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	37.6	35	1.96	1094	<2	33
*Std OREAS 927	38.6	38	1.95	1168	<2	30
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	26.1	17	1.21	587	9	31
*Rep S00431615	7.4	7	0.46	169	5	28
*Std MP-2a	158	101	0.09	1068	1687	13
*Rep S00431633	4.4	<5	0.16	197	4	11
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431601	0.03	6	<1	<1	23.6	<50
S00431602	0.03	5	<1	<1	23.9	<50
S00431603	0.03	6	<1	<1	23.2	<50
S00431604	0.03	6	<1	<1	24.6	<50
S00431605	0.04	5	<1	<1	22.7	<50

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431606	0.02	6	<1	<1	23.9	<50
S00431607	0.03	5	<1	<1	22.3	<50
S00431608	0.03	5	<1	<1	23.0	<50
S00431609	<0.01	3	<1	<1	37.3	<50
S00431610	0.02	10	<1	<1	5.2	<50
S00431611	0.02	7	<1	<1	28.3	<50
S00431612	0.02	4	<1	<1	32.9	<50
S00431613	0.02	4	<1	<1	32.4	<50
S00431614	<0.01	<2	<1	<1	39.9	<50
S00431615	0.02	3	<1	<1	>40.0	<50
S00431616	0.02	<2	<1	<1	>40.0	<50
S00431617	<0.01	<2	<1	<1	>40.0	<50
S00431618	<0.01	3	<1	<1	39.1	<50
S00431619	<0.01	<2	<1	<1	>40.0	<50
S00431620	0.02	5	1	4	17.4	<50
S00431621	0.01	<2	<1	<1	>40.0	<50
S00431622	0.01	2	<1	<1	38.8	<50
S00431623	<0.01	2	<1	<1	37.3	<50
S00431624	<0.01	2	<1	<1	29.9	<50
S00431625	<0.01	3	<1	<1	33.0	<50
S00431626	<0.01	<2	<1	<1	29.5	<50
S00431627	<0.01	3	<1	<1	23.8	<50
S00431628	<0.01	5	<1	<1	31.3	<50
S00431629	<0.01	2	<1	<1	>40.0	<50
S00431630	<0.01	<2	<1	<1	>40.0	<50
S00431631	<0.01	<2	<1	<1	31.5	<50
S00431632	<0.01	4	<1	<1	>40.0	<50
S00431633	0.02	2	<1	<1	>40.0	<50
S00431634	0.02	2	<1	<1	37.3	<50

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431635	0.04	9	<1	<1	32.3	<50
S00431636	0.03	10	<1	<1	27.5	<50
S00431637	0.02	9	<1	<1	38.0	<50
S00431638	<0.01	3	<1	<1	>40.0	<50
S00431639	<0.01	<2	<1	<1	>40.0	<50
S00431640	0.01	8	<1	<1	6.2	<50
S00431641	<0.01	3	<1	<1	34.7	<50
S00431642	0.01	<2	<1	<1	38.7	<50
S00431643	<0.01	<2	<1	<1	>40.0	<50
S00431644	<0.01	2	<1	<1	38.6	<50
S00431645	<0.01	2	<1	<1	36.2	<50
S00431646	0.02	9	<1	<1	34.2	<50
S00431647	0.02	3	<1	<1	37.4	<50
S00431648	0.03	5	<1	<1	29.3	<50
S00431649	0.05	6	<1	<1	24.2	<50
S00431650	<0.01	14	6	2	14.0	<50
*Dup S00431639	<0.01	<2	<1	<1	>40.0	<50
*Rep S00431650	<0.01	14	6	2	14.0	<50
*Std OREAS 623	0.04	2324	7	27	22.2	<50
*Std MP-2a	0.02	2560	<1	7	30.3	522
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.05	206	1	2	27.8	<50
*Std OREAS 927	0.07	226	2	2	27.9	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2420	9	28	22.1	<50
*Rep S00431615	0.03	3	<1	<1	>40.0	<50
*Std MP-2a	0.01	2839	<1	8	31.0	537
*Rep S00431633	<0.01	2	<1	<1	>40.0	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431601	199	<1	0.45	257	<5	14.5
S00431602	199	<1	0.35	237	<5	12.4
S00431603	203	<1	0.37	228	<5	13.1
S00431604	132	<1	0.32	191	<5	11.6
S00431605	208	<1	0.36	231	<5	13.8
S00431606	198	<1	0.35	221	<5	13.1
S00431607	192	<1	0.41	243	<5	15.5
S00431608	190	<1	0.43	241	<5	15.9
S00431609	26	<1	0.08	64	<5	2.7
S00431610	152	<1	0.05	15	<5	6.9
S00431611	115	<1	0.14	118	<5	8.7
S00431612	137	<1	0.12	59	<5	9.7
S00431613	41	<1	0.33	143	<5	12.6
S00431614	15	<1	0.07	24	<5	4.3
S00431615	27	<1	0.13	41	<5	7.1
S00431616	16	<1	0.05	28	<5	4.2
S00431617	<10	<1	0.01	8	<5	1.3
S00431618	16	<1	0.08	45	<5	6.7
S00431619	<10	<1	<0.01	<5	<5	0.9
S00431620	34	1	0.32	140	<5	8.8
S00431621	11	<1	<0.01	<5	<5	0.6
S00431622	27	<1	<0.01	<5	6	1.1
S00431623	22	<1	0.11	66	<5	3.0
S00431624	54	<1	<0.01	<5	<5	2.0
S00431625	28	<1	0.02	10	<5	3.5
S00431626	31	<1	0.01	<5	<5	2.6
S00431627	46	<1	<0.01	<5	<5	4.6
S00431628	37	<1	<0.01	<5	<5	2.1

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431629	<10	<1	<0.01	<5	<5	2.8
S00431630	11	<1	<0.01	<5	<5	2.2
S00431631	19	<1	<0.01	<5	<5	5.0
S00431632	37	<1	0.05	33	<5	4.5
S00431633	12	<1	0.02	6	<5	2.0
S00431634	52	<1	0.03	20	<5	4.8
S00431635	149	<1	0.10	40	<5	9.8
S00431636	173	<1	0.30	123	<5	14.2
S00431637	73	<1	0.08	39	<5	4.7
S00431638	68	<1	0.03	15	<5	3.2
S00431639	28	<1	0.02	9	<5	2.5
S00431640	152	<1	0.06	14	<5	7.0
S00431641	86	<1	0.06	26	<5	5.8
S00431642	34	<1	0.03	14	<5	3.6
S00431643	<10	<1	<0.01	<5	<5	<0.5
S00431644	55	<1	0.03	18	<5	3.8
S00431645	39	<1	0.08	46	<5	4.4
S00431646	114	<1	0.36	156	<5	11.9
S00431647	52	<1	0.30	80	<5	8.2
S00431648	72	<1	0.50	168	<5	10.9
S00431649	128	<1	0.73	244	<5	21.3
S00431650	<10	1	0.10	70	<5	2.5
*Dup S00431639	28	<1	0.02	8	<5	2.4
*Rep S00431650	<10	1	0.10	70	<5	2.3
*Std OREAS 623	80	<1	0.15	24	<5	16.7
*Std MP-2a	15	5	0.03	<5	3447	242
*Blk BLANK	<10	<1	0.02	<5	9	<0.5
*Std OREAS 927	30	<1	0.33	71	10	22.7
*Std OREAS 927	33	<1	0.34	81	10	24.4

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	93	<1	0.15	26	<5	18.5
*Rep S00431615	26	<1	0.13	40	<5	6.8
*Std MP-2a	17	6	0.03	<5	3396	240
*Rep S00431633	12	<1	<0.01	6	<5	1.9
*Blk BLANK	<10	<1	0.02	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431601	1.4	98	0.072
S00431602	1.3	88	0.024
S00431603	1.2	94	0.014
S00431604	1.2	113	0.049
S00431605	1.3	102	0.009
S00431606	1.3	78	0.014
S00431607	1.6	86	0.037
S00431608	1.4	90	0.036
S00431609	0.3	50	<0.005
S00431610	0.5	40	0.018
S00431611	1.0	40	0.053
S00431612	0.8	19	0.011
S00431613	1.2	64	0.016
S00431614	0.4	21	0.013
S00431615	0.5	20	0.086
S00431616	0.2	13	<0.005
S00431617	0.1	10	0.031

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431618	0.4	40	0.265
S00431619	<0.1	9	0.065
S00431620	0.8	118	1.789
S004316 1	<0.1	5	0.035
S00431622	0.2	8	0.008
S00431623	0.4	28	0.079
S00431624	0.5	5	<0.005
S00431625	0.4	113	0.044
S004316 6	0.4	6	0.011
S00431627	0.7	8	0.026
S00431628	0.5	27	1.114
S00431629	0.1	6	0.278
S00431630	0.1	9	0.154
S00431631	0.4	5	0.024
S00431632	0.4	20	0.022
S00431633	0.2	7	0.093
S00431634	0.4	7	0.020
S00431635	0.7	172	0.039
S00431636	1.2	72	0.094
S00431637	0.4	118	0.802
S00431638	0.2	8	<0.005
S00431639	0.2	8	<0.005
S00431640	0.6	44	0.014
S00431641	0.5	14	0.020
S00431642	0.3	9	0.014
S00431643	<0.1	9	0.360
S00431644	0.2	14	0.012
S00431645	0.4	16	0.038
S00431646	1.2	53	0.333
S00431647	0.9	48	0.306

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11591

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431648	1.3	69	0.079
S00431649	2.2	80	0.059
S00431650	0.4	99	7.175
*Dup S00431639	0.2	7	<0.005
*Std GS314-2	-	-	2.537
*Blk BLANK	-	-	<0.005
*Rep S00431629	-	-	0.272
*Std GS314-2	-	-	2.537
*Rep S00431639	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Rep S00431650	0.4	96	-
*Std OREAS 623	1.8	9673	-
*Std MP-2a	30.7	5545	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.3	700	-
*Std OREAS 927	2.4	755	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	9913	-
*Rep S00431615	0.5	18	-
*Std MP-2a	28.8	6075	-
*Rep S00431633	0.2	7	-
*Blk BLANK	<0.1	<5	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11592

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	27-Jul-2021
Project	Shakespeare exploration	Date Analysed	05-Aug-2021 - 19-Sep-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	19-Sep-2021
Core		SGS Order Number	BBM21-11592
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431651	1.99	16	20	27	<5	4.06
S00431652	1.18	12	<10	8	<5	3.79
S00431653	1.34	8	<10	9	<5	2.29
S00431654	1.77	<5	<10	<5	<5	1.44
S00431655	2.53	14	10	9	<5	4.17
S00431656	2.23	10	<10	<5	<5	0.25
S00431657	2.78	13	20	18	<5	5.29
S00431658	1.63	28	70	61	<5	10.01
S00431659	2.98	16	20	35	<5	8.41
S00431660	0.67	<5	<10	<5	<5	0.95
S00431661	1.49	25	30	40	<5	5.73
S00431662	1.59	86	50	82	5	6.19
S00431663	1.15	145	<10	<5	<5	0.49
S00431664	1.42	13	<10	9	<5	5.13
S00431665	2.54	5	<10	<5	<5	7.73
S00431666	1.55	124	180	362	<5	9.13
S00431667	2.14	51	70	78	<5	7.40
S00431668	3.18	187	140	206	<5	7.20
S00431669	1.85	252	420	540	<5	8.29
S00431670	0.11	76	440	576	<5	2.87
S00431671	2.73	271	240	326	<5	6.52
S00431672	2.23	208	250	327	<5	7.00
S00431673	1.86	351	250	423	<5	6.57
S00431674	2.31	439	490	613	<5	7.38
S00431675	2.48	432	510	629	<5	6.98
S00431676	2.69	459	600	655	<5	6.98
S00431677	2.30	221	280	326	<5	7.61
S00431678	1.30	22	20	23	<5	7.98
S00431679	1.28	345	470	581	<5	7.29

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431680	1.54	381	550	625	<5	6.92
S00431681	2.86	361	580	685	<5	6.98
S00431682	2.50	155	260	310	<5	7.14
S00431683	2.42	287	510	660	<5	6.89
S00431684	1.58	456	560	686	<5	7.10
S00431685	1.67	377	650	721	<5	7.17
S00431686	1.73	351	560	671	<5	7.11
S00431687	1.43	144	260	286	<5	7.15
S00431688	3.48	96	140	192	<5	7.32
S00431689	3.58	8	<10	9	<5	6.98
S00431690	0.87	<5	<10	<5	<5	0.86
S00431691	1.72	6	<10	13	<5	5.96
S00431692	2.53	<5	<10	<5	<5	8.02
S00431693	1.29	15	20	25	<5	6.98
S00431694	2.37	18	20	24	<5	7.27
S00431695	1.53	20	30	32	<5	6.97
S00431696	2.99	19	30	25	<5	7.15
S00431697	3.50	22	10	18	<5	7.04
S00431698	0.73	67	100	88	<5	6.74
S00431699	3.83	23	30	30	<5	6.95
S00431700	0.11	29	400	723	<5	1.44
*Dup S00431689	-	8	<10	9	<5	7.15
*Std OREAS 623	-	-	-	-	18	5.22
*Std OREAS 927	-	-	-	-	<5	6.39
*Rep S00431651	-	-	-	-	<5	3.95
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431686	-	-	-	-	<5	7.24
*Std MP-2a	-	-	-	-	<5	6.05
*Rep S00431693	-	-	-	-	<5	7.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Std OREAS 927	-	-	-	-	<5	6.33
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	22	5.19
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	50	470	231	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Rep S00431655	-	16	20	9	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	145	360	210	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	150	400	216	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431686	-	322	550	628	-	-
*Std OREAS 681	-	50	510	231	-	-
*Std OREAS 680	-	152	400	216	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	49	490	229	-	-

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00431651	28	278	<1	0.3	1.6	0.2
S00431652	7	316	<1	0.3	1.5	0.3
S00431653	15	145	<1	0.1	1.0	<0.2
S00431654	<3	45	<1	<0.1	0.4	<0.2
S00431655	5	225	<1	0.3	1.4	<0.2

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431656	<3	<10	<1	0.1	0.5	<0.2
S00431657	9	267	<1	0.3	2.6	0.3
S00431658	20	368	<1	1.0	4.7	<0.2
S00431659	90	380	<1	0.6	2.9	<0.2
S00431660	<3	72	<1	<0.1	19.0	<0.2
S00431661	46	358	<1	0.6	3.4	0.9
S00431662	86	353	<1	1.3	3.2	4.0
S00431663	<3	19	<1	0.2	1.1	1.6
S00431664	<3	273	<1	0.7	2.2	0.2
S00431665	<3	420	<1	0.3	3.1	<0.2
S00431666	220	260	<1	3.6	4.9	2.0
S00431667	74	297	<1	1.6	4.3	0.4
S00431668	192	281	<1	4.5	4.3	0.5
S00431669	585	326	<1	5.7	3.9	1.0
S00431670	209	81	<1	0.2	3.0	0.4
S00431671	467	247	<1	7.0	4.5	1.2
S00431672	290	132	<1	7.0	6.6	0.9
S00431673	275	117	<1	11.7	5.3	1.5
S00431674	599	230	<1	13.9	4.1	1.2
S00431675	565	188	<1	14.9	4.0	1.3
S00431676	770	218	<1	14.9	4.1	1.6
S00431677	503	178	<1	7.8	3.1	1.1
S00431678	30	131	<1	0.7	1.8	0.3
S00431679	504	160	<1	12.4	4.3	1.0
S00431680	505	157	<1	12.9	4.2	0.9
S00431681	435	80	<1	15.0	5.1	1.3
S00431682	243	85	<1	6.3	4.7	0.6
S00431683	287	152	<1	12.7	5.2	1.3
S00431684	137	92	<1	15.1	4.7	1.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431685	207	86	1	17.0	5.4	1.2
S00431686	96	133	<1	15.9	5.0	1.1
S00431687	67	141	1	7.1	5.5	0.7
S00431688	47	108	<1	4.7	5.7	0.6
S00431689	<3	174	1	0.5	6.1	<0.2
S00431690	4	63	<1	<0.1	19.1	<0.2
S00431691	9	138	<1	0.6	8.5	0.4
S00431692	<3	281	1	0.3	4.9	<0.2
S00431693	9	121	1	1.7	6.2	<0.2
S00431694	<3	132	1	0.8	5.7	0.2
S00431695	<3	98	1	1.0	6.2	0.3
S00431696	<3	168	1	0.8	5.7	<0.2
S00431697	<3	111	1	0.6	5.3	0.2
S00431698	16	110	1	1.8	4.7	<0.2
S00431699	<3	128	1	0.8	6.1	<0.2
S00431700	5	14	<1	0.6	1.0	0.6
*Dup S00431689	<3	174	1	0.5	6.3	<0.2
*Std OREAS 623	78	1501	2	17.8	1.3	49.6
*Std OREAS 927	16	319	2	53.6	0.4	0.9
*Rep S00431651	20	284	<1	0.3	1.6	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00431686	110	127	1	16.5	5.1	1.0
*Std MP-2a	5483	<10	2	946	2.9	13.4
*Rep S00431693	3	123	1	0.9	6.3	<0.2
*Std OREAS 927	15	342	2	56.8	0.4	0.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 623	81	1459	2	18.6	1.3	49.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431651	37.8	239	4.1	407	4.24	1.2
S00431652	24.0	149	4.1	737	4.82	1.2
S00431653	14.4	90	0.9	29	2.10	0.6
S00431654	6.9	75	0.5	143	1.83	0.2
S00431655	22.6	72	1.9	251	4.08	0.7
S00431656	6.1	70	0.1	446	0.93	<0.1
S00431657	27.4	80	4.7	183	4.36	1.2
S00431658	69.6	76	10.0	179	9.92	2.2
S00431659	99.0	285	9.3	350	9.39	2.1
S00431660	2.1	24	0.3	11	0.67	0.4
S00431661	76.5	91	9.1	2323	7.68	2.1
S00431662	105	89	7.3	11351	7.93	1.8
S00431663	12.8	54	0.6	4278	1.46	0.2
S00431664	51.3	179	5.5	127	5.45	1.3
S00431665	40.6	167	9.2	102	7.86	2.1
S00431666	299	115	6.3	12201	13.53	1.5
S00431667	109	273	8.2	908	9.98	1.8
S00431668	110	77	5.9	1591	9.44	1.4
S00431669	400	102	7.5	3905	13.62	1.7
S00431670	191	3007	2.2	2832	11.05	0.2
S00431671	175	63	4.3	4025	9.96	1.2
S00431672	136	60	2.9	3420	9.93	0.8
S00431673	173	67	2.6	6222	11.28	0.7
S00431674	305	64	3.4	6022	12.51	1.0
S00431675	330	56	2.8	6468	13.39	0.9
S00431676	297	52	2.5	7348	12.95	1.1
S00431677	174	116	2.8	4900	8.53	0.9
S00431678	17.8	65	0.9	234	2.32	0.6
S00431679	254	68	1.8	4996	10.72	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431680	260	67	1.7	5260	10.86	0.7
S00431681	259	58	1.3	6651	12.29	0.5
S00431682	133	64	1.0	2687	11.36	0.5
S00431683	208	69	1.3	6814	11.38	0.6
S00431684	194	59	1.5	5981	12.78	0.5
S00431685	196	75	1.5	6135	12.39	0.5
S00431686	169	60	2.2	5822	12.41	0.6
S00431687	124	72	2.4	3499	11.05	0.7
S00431688	115	71	1.7	2524	11.20	0.6
S00431689	51.1	51	3.1	305	10.99	0.9
S00431690	2.4	<20	0.3	25	0.64	0.4
S00431691	55.2	38	2.2	543	9.92	0.6
S00431692	54.6	145	3.5	127	10.32	1.1
S00431693	78.5	92	1.9	249	11.50	0.7
S00431694	63.2	113	1.7	467	11.12	0.7
S00431695	69.4	81	1.2	574	11.34	0.6
S00431696	57.8	86	2.0	358	10.39	0.8
S00431697	57.7	73	1.5	418	11.22	0.6
S00431698	124	124	0.8	2001	11.88	0.5
S00431699	67.5	88	1.2	324	11.27	0.6
S00431700	350	3599	0.2	4228	16.56	<0.1
*Dup S00431689	51.7	62	3.1	326	11.44	0.9
*Std OREAS 623	225	33	2.8	16996	13.08	1.4
*Std OREAS 927	29.6	75	5.1	10804	8.45	1.8
*Rep S00431651	32.0	222	4.0	402	4.18	1.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00431686	173	70	2.2	5925	12.72	0.7
*Std MP-2a	5.7	164	5.8	432	5.04	1.3
*Rep S00431693	81.0	99	1.9	248	11.47	0.7

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 927	29.5	76	5.0	10709	8.60	2.0
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 623	230	40	2.8	17126	13.48	1.7

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431651	11.1	18	1.58	446	3	129
S00431652	6.8	18	1.74	524	2	128
S00431653	7.4	10	0.66	258	4	51
S00431654	2.8	8	0.56	185	4	43
S00431655	9.4	18	1.46	440	3	100
S00431656	0.5	5	0.09	122	5	70
S00431657	14.3	19	1.58	550	3	116
S00431658	21.2	34	3.33	1053	2	327
S00431659	19.4	36	3.47	1015	<2	296
S00431660	6.6	8	8.68	445	<2	11
S00431661	10.3	28	2.63	895	<2	348
S00431662	21.5	20	2.34	747	3	375
S00431663	2.9	<5	0.19	172	3	88
S00431664	15.7	17	1.68	595	3	352
S00431665	19.8	28	3.01	981	<2	117
S00431666	14.4	28	3.36	1216	<2	2117
S00431667	11.4	25	3.48	1172	<2	918
S00431668	12.4	19	3.22	1086	<2	1574
S00431669	15.0	25	3.79	1240	2	3211

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Order Number Exploration
 Project Shakespeare exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431670	3.8	30	13.57	1400	<2	4018
S00431671	12.1	18	3.10	1135	2	2935
S00431672	10.9	14	3.30	1377	2	2283
S00431673	11.1	16	3.32	1290	2	3382
S00431674	9.5	19	3.48	1203	3	4748
S00431675	7.8	21	3.71	1249	3	4930
S00431676	9.6	22	3.69	1282	3	5333
S00431677	25.1	16	2.57	930	3	2979
S00431678	49.1	9	0.78	392	<2	238
S00431679	19.8	15	3.17	1211	2	4140
S00431680	19.4	15	3.07	1204	3	4277
S00431681	11.5	14	3.50	1336	<2	5025
S00431682	11.7	20	4.06	1476	<2	2185
S00431683	13.7	11	3.44	1325	<2	4155
S00431684	10.6	13	3.65	1419	<2	5011
S00431685	11.5	12	3.78	1511	<2	4702
S00431686	10.9	13	3.70	1507	<2	4532
S00431687	11.8	13	3.61	1464	<2	2411
S00431688	16.0	16	3.63	1495	<2	1603
S00431689	16.7	15	3.35	1705	<2	118
S00431690	6.6	9	9.07	396	<2	16
S00431691	15.7	13	3.00	1766	<2	327
S00431692	20.3	18	3.52	1460	<2	123
S00431693	17.0	14	3.61	1672	4	684
S00431694	16.2	14	3.53	1671	<2	376
S00431695	17.0	13	3.64	1679	<2	324
S00431696	16.7	13	3.23	1565	<2	250
S00431697	17.9	22	3.62	1655	<2	266
S00431698	13.5	20	3.79	1607	3	1309

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Order Number Exploration
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 Submission Number *SD* Shakespeare / Exploration / 50
 Core
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ANALYSIS REPORT BBM21-11592

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431699	15.7	13	3.61	1702	<2	284
S00431700	1.3	<5	14.88	1049	2	16126
*Dup S00431689	16.6	16	3.49	1725	<2	124
*Std OREAS 623	26.6	16	1.24	611	9	19
*Std OREAS 927	36.7	37	2.23	1199	<2	33
*Rep S00431651	11.5	18	1.49	438	3	113
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00431686	10.3	13	3.69	1543	<2	4589
*Std MP-2a	220	100	0.10	1059	1614	18
*Rep S00431693	16.3	13	3.78	1666	2	852
*Std OREAS 927	34.2	40	2.11	1216	<2	36
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	25.6	21	1.35	628	9	24

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431651	0.02	7	<1	<1	34.2	<50
S00431652	0.01	4	<1	<1	33.8	<50
S00431653	<0.01	3	<1	<1	39.4	<50
S00431654	<0.01	3	<1	<1	>40.0	<50
S00431655	0.02	6	<1	<1	34.3	<50
S00431656	<0.01	4	<1	<1	>40.0	<50
S00431657	0.02	10	<1	<1	32.7	<50
S00431658	0.05	17	<1	<1	20.8	<50
S00431659	0.04	12	<1	<1	23.5	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431660	0.02	10	<1	<1	5.6	<50
S00431661	0.03	10	<1	<1	27.8	<50
S00431662	0.09	11	1	<1	27.3	<50
S00431663	<0.01	3	<1	<1	>40.0	<50
S00431664	0.02	7	<1	<1	32.9	<50
S00431665	0.04	12	<1	<1	24.3	<50
S00431666	0.05	22	4	<1	18.2	<50
S00431667	0.03	12	<1	<1	24.4	<50
S00431668	0.03	14	<1	<1	24.3	<50
S00431669	0.04	16	3	<1	20.6	<50
S00431670	0.02	5	1	4	17.8	<50
S00431671	0.03	14	2	<1	25.0	<50
S00431672	0.03	11	1	<1	23.9	<50
S00431673	0.03	16	3	<1	22.9	<50
S00431674	0.03	15	4	<1	22.4	<50
S00431675	0.03	19	4	<1	22.5	<50
S00431676	0.03	15	3	1	22.5	<50
S00431677	0.03	16	1	<1	26.1	<50
S00431678	0.03	20	<1	<1	33.0	<50
S00431679	0.03	15	3	<1	25.0	<50
S00431680	0.03	13	3	<1	23.9	<50
S00431681	0.03	16	3	<1	23.3	<50
S00431682	0.03	11	<1	<1	24.5	<50
S00431683	0.03	12	3	<1	23.7	<50
S00431684	0.03	11	3	<1	23.4	<50
S00431685	0.03	12	3	<1	23.1	<50
S00431686	0.03	11	3	<1	22.6	<50
S00431687	0.05	12	<1	<1	24.0	<50
S00431688	0.06	13	<1	<1	24.5	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431689	0.09	10	<1	<1	22.4	<50
S00431690	0.02	8	<1	<1	5.5	<50
S00431691	0.08	9	<1	<1	22.0	<50
S00431692	0.06	14	<1	<1	23.4	<50
S00431693	0.10	12	<1	<1	22.4	<50
S00431694	0.08	8	<1	<1	22.8	<50
S00431695	0.08	8	<1	<1	21.9	<50
S00431696	0.07	9	<1	<1	22.6	<50
S00431697	0.08	5	<1	<1	21.1	<50
S00431698	0.07	11	<1	<1	20.5	<50
S00431699	0.08	7	<1	<1	21.8	<50
S00431700	<0.01	15	8	2	13.8	<50
*Dup S00431689	0.09	9	<1	<1	22.9	<50
*Std OREAS 623	0.05	2368	9	27	23.8	<50
*Std OREAS 927	0.05	217	1	1	29.2	<50
*Rep S00431651	0.01	6	<1	<1	34.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00431686	0.03	13	3	<1	23.2	<50
*Std MP-2a	0.02	2735	<1	7	31.8	485
*Rep S00431693	0.09	9	<1	<1	22.3	<50
*Std OREAS 927	0.04	197	1	1	27.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2584	9	27	22.3	<50

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431651	66	<1	0.21	112	<5	8.4
S00431652	49	<1	0.24	117	<5	8.1
S00431653	35	<1	0.11	59	<5	5.8
S00431654	21	<1	0.03	23	<5	1.8
S00431655	78	<1	0.31	117	<5	8.9
S00431656	<10	<1	<0.01	6	<5	<0.5
S00431657	145	<1	0.32	139	<5	11.8
S00431658	257	<1	0.90	365	<5	25.7
S00431659	162	<1	0.85	340	<5	20.5
S00431660	157	<1	0.05	13	<5	6.3
S00431661	96	<1	0.48	201	<5	14.5
S00431662	129	1	0.80	205	<5	21.7
S00431663	15	<1	0.05	13	<5	1.6
S00431664	102	<1	0.23	103	<5	11.0
S00431665	157	<1	0.48	181	<5	16.7
S00431666	239	2	0.56	290	<5	17.7
S00431667	168	<1	0.46	214	<5	14.5
S00431668	175	1	0.45	210	<5	15.5
S00431669	176	2	0.52	251	<5	18.5
S00431670	28	1	0.32	136	<5	7.9
S00431671	155	3	0.43	206	<5	15.1
S00431672	180	2	0.48	214	<5	14.6
S00431673	156	4	0.38	184	<5	13.1
S00431674	165	5	0.45	201	<5	15.0
S00431675	149	5	0.43	201	<5	15.0
S00431676	141	5	0.42	198	<5	15.1
S00431677	175	3	0.37	144	<5	17.2
S00431678	148	<1	0.22	42	<5	28.0
S00431679	175	4	0.43	183	<5	19.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431680	168	4	0.43	191	<5	20.1
S00431681	193	5	0.46	219	<5	15.5
S00431682	170	2	0.49	233	<5	16.8
S00431683	184	4	0.43	206	<5	16.1
S00431684	168	5	0.41	200	<5	14.0
S00431685	192	5	0.52	237	<5	17.2
S00431686	176	4	0.45	216	<5	15.9
S00431687	197	2	0.71	272	<5	19.2
S00431688	210	1	0.91	308	<5	21.6
S00431689	158	<1	1.40	400	<5	28.4
S00431690	159	<1	0.05	14	<5	6.3
S00431691	177	<1	1.27	399	<5	25.3
S00431692	221	<1	1.10	358	<5	20.6
S00431693	201	<1	1.38	415	10	32.6
S00431694	210	<1	1.25	375	<5	28.2
S00431695	211	<1	1.33	400	<5	31.7
S00431696	224	<1	1.10	353	<5	27.8
S00431697	167	<1	1.36	391	<5	32.3
S00431698	138	<1	1.12	363	<5	25.5
S00431699	195	<1	1.29	392	<5	30.3
S00431700	11	1	0.09	76	<5	4.1
*Dup S00431689	157	<1	1.40	403	<5	28.3
*Std OREAS 623	85	<1	0.14	26	<5	16.9
*Std OREAS 927	31	<1	0.33	78	9	23.0
*Rep S00431651	65	<1	0.21	112	<5	8.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00431686	178	5	0.47	222	<5	16.0
*Std MP-2a	14	6	0.03	<5	3530	228
*Rep S00431693	199	<1	1.41	419	<5	32.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	28	<1	0.33	78	11	23.2
*Blk BLANK	<10	<1	0.01	<5	<5	1.1
*Std OREAS 623	87	<1	0.14	26	5	19.7

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431651	0.7	51	0.079
S00431652	0.9	60	0.133
S00431653	0.5	19	0.010
S00431654	0.2	17	0.011
S00431655	0.9	43	0.061
S00431656	<0.1	18	0.112
S00431657	1.2	61	0.065
S00431658	2.7	102	0.212
S00431659	2.1	108	0.132
S00431660	0.6	39	0.018
S00431661	1.7	107	0.448
S00431662	2.2	200	1.391
S00431663	0.1	73	0.545
S00431664	1.2	56	0.482
S00431665	1.7	94	0.046
S00431666	1.9	197	3.372
S00431667	1.6	109	0.804
S00431668	1.6	103	0.952
S00431669	1.9	133	2.742
S00431670	0.7	107	1.830

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431671	1.5	124	1.927
S00431672	1.6	117	1.280
S00431673	1.4	148	2.322
S00431674	1.5	142	2.972
S00431675	1.5	148	3.244
S00431676	1.5	157	3.045
S00431677	1.7	115	1.770
S00431678	2.3	37	0.079
S00431679	1.9	124	2.164
S00431680	1.9	125	2.337
S00431681	1.6	149	2.609
S00431682	1.7	126	0.980
S00431683	1.7	138	2.352
S004316 4	1.5	145	2.704
S00431685	1.7	147	2.396
S00431686	1.6	151	2.375
S00431687	1.8	129	1.312
S00431688	2.1	131	0.930
S004316 9	2.8	130	0.093
S00431690	0.6	34	0.006
S00431691	2.7	125	0.217
S00431692	2.1	133	0.120
S00431693	2.9	133	0.515
S00431694	2.6	136	0.302
S00431695	2.8	146	0.375
S00431696	2.5	127	0.261
S00431697	2.9	141	0.235
S00431698	2.3	128	1.397
S00431699	2.6	138	0.376
S00431700	0.4	96	7.306

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11592

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Dup S00431689	2.7	131	0.091
*Std OREAS 623	1.7	9838	-
*Std OREAS 927	2.3	717	-
*Rep S00431651	0.7	50	-
*Blk BLANK	<0.1	<5	-
*Rep S00431686	1.5	148	-
*Std MP-2a	30.4	5701	-
*Blk BLANK	-	-	0.009
*Std GS314	-	-	2.585
*Std GS314-2	-	-	2.565
*Blk BLANK	-	-	<0.005
*Rep S00431651	-	-	0.079
*Rep S00431693	2.9	131	-
*Std OREAS 9 7	2.2	696	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	10074	-
*Std GS314-2	-	-	2.525
*Rep S00431661	-	-	0.444
*Blk BLANK	-	-	<0.005
*Rep S00431689	-	-	0.090
*Std GS314-2	-	-	2.552

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11593

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	03-Aug-2021
Project	Shakespeare exploration	Date Analysed	05-Aug-2021 - 30-Aug-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	30-Aug-2021
Core		SGS Order Number	BBM21-11593
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431701	3.32	6	40	6	<5	7.77
S00431702	3.49	13	20	14	<5	7.21
S00431703	1.99	55	80	79	<5	7.10
S00431704	1.79	12	20	22	<5	8.17
S00431705	1.44	184	260	297	<5	7.24
S00431706	2.06	24	60	49	<5	7.12
S00431707	0.63	21	30	39	<5	6.75
S00431708	3.34	9	<10	13	<5	6.24
S00431709	3.33	<5	<10	<5	<5	6.92
S00431710	1.01	<5	<10	<5	<5	0.79
S00431711	1.11	<5	<10	<5	<5	6.71
S00431712	1.74	<5	<10	<5	<5	6.94
S00431713	2.58	14	50	31	<5	7.39
S00431714	2.88	11	<10	6	<5	7.58
S00431715	0.70	13	<10	10	<5	7.30
S00431716	2.44	13	10	13	<5	7.63
S00431717	1.36	13	10	13	<5	7.52
S00431718	2.46	19	20	22	<5	6.81
S00431719	0.75	50	70	87	<5	7.63
S00431720	0.11	63	410	524	<5	2.75
S00431721	1.63	7	<10	<5	<5	7.06
S00431722	1.59	13	20	5	<5	7.63
S00431723	1.19	81	<10	8	5	0.38
S00431724	1.32	14	40	13	<5	7.78
S00431725	0.63	55	100	91	<5	7.62
S00431726	2.78	9	<10	<5	<5	7.19
S00431727	1.28	14	10	12	<5	7.04
S00431728	3.09	11	30	9	<5	7.86
S00431729	1.43	10	30	26	<5	7.47

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431730	1.47	9	30	25	<5	7.64
S00431731	3.22	9	20	27	<5	7.79
S00431732	1.82	9	20	27	<5	7.48
S00431733	1.82	9	30	31	<5	7.63
S00431734	1.27	8	20	23	<5	7.83
S00431735	1.76	16	20	29	<5	7.62
S00431736	0.70	84	70	95	<5	7.36
S00431737	2.70	25	40	27	<5	7.77
S00431738	0.77	41	20	17	<5	8.68
S00431739	3.12	<5	<10	<5	<5	7.80
S00431740	1.07	<5	<10	<5	<5	0.99
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*Dup S00431739	-	<5	<10	<5	<5	7.89
*Std OREAS 927	-	-	-	-	7	6.38
*Std OREAS 623	-	-	-	-	22	5.13
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431727	-	-	-	-	<5	6.95
*Rep S00431729	-	-	-	-	<5	7.58
*Std MP-2a	-	-	-	-	7	5.94
*Std OREAS 680	-	152	380	204	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00431726	-	9	<10	<5	-	-
*Rep S00431733	-	9	20	32	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	520	237	-	-
*Std OREAS 45f	-	19	40	56	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std MP-2a	-	-	-	-	<5	6.09
*Std OREAS 623	-	-	-	-	21	5.15
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.93
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	158	380	209	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431701	<3	301	<1	0.2	4.9	<0.2
S00431702	<3	307	1	0.4	3.8	0.3
S00431703	14	252	<1	1.7	4.2	0.7
S00431704	<3	446	<1	0.5	3.5	0.2
S00431705	40	214	<1	4.7	5.3	1.0
S00431706	22	239	<1	1.1	4.6	0.3
S00431707	13	216	<1	0.8	4.8	0.5
S00431708	3	323	<1	0.4	1.7	0.2
S00431709	<3	144	<1	0.2	6.3	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431710	<3	52	<1	<0.1	19.6	0.2
S00431711	<3	173	<1	0.4	6.2	0.3
S00431712	<3	135	1	0.2	6.4	<0.2
S00431713	<3	136	<1	0.4	6.1	0.2
S00431714	<3	298	<1	0.3	6.0	0.2
S00431715	<3	185	<1	0.4	5.7	0.3
S00431716	6	176	<1	0.2	5.9	0.2
S00431717	<3	181	<1	0.3	5.8	<0.2
S00431718	36	143	<1	0.4	5.4	0.3
S00431719	40	169	<1	1.8	6.1	0.4
S00431720	211	78	<1	0.1	3.0	0.5
S00431721	4	150	<1	0.2	5.8	0.2
S00431722	<3	199	<1	0.2	5.3	0.3
S00431723	4	35	<1	1.3	1.1	3.3
S00431724	6	149	<1	0.3	6.0	0.2
S00431725	41	179	<1	1.7	5.9	0.3
S00431726	6	226	<1	0.3	5.5	0.3
S00431727	11	197	<1	0.6	4.9	0.4
S00431728	<3	187	<1	0.2	6.0	0.3
S00431729	<3	160	<1	0.2	5.9	<0.2
S00431730	<3	204	<1	0.2	6.0	0.2
S00431731	<3	157	<1	0.2	6.3	0.2
S00431732	<3	186	<1	0.2	5.7	<0.2
S00431733	3	196	<1	0.3	5.6	0.2
S00431734	7	115	<1	0.3	6.1	0.3
S00431735	4	213	<1	0.5	5.0	0.3
S00431736	23	116	1	2.9	4.4	0.3
S00431737	3	245	1	0.6	5.4	<0.2
S00431738	7	309	1	2.0	4.4	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431739	<3	397	1	0.4	3.8	<0.2
S00431740	<3	69	<1	<0.1	19.7	0.3
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*Dup S00431739	<3	407	1	0.4	3.8	<0.2
*Std OREAS 927	17	318	2	57.7	0.4	1.1
*Std OREAS 623	77	1350	1	17.6	1.3	53.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.4
*Rep S00431727	12	206	<1	0.5	4.9	0.3
*Rep S00431729	<3	174	<1	0.2	6.0	<0.2
*Std MP-2a	5795	<10	2	>1000	3.0	14.3
*Std MP-2a	5375	10	2	946	3.1	13.2
*Std OREAS 623	80	1371	2	17.8	1.4	50.9
*Blk BLANK	<3	<10	<1	0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 927	15	326	2	58.0	0.5	1.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431701	46.2	23	2.0	157	8.65	0.8
S00431702	42.7	54	3.9	421	7.98	1.1
S00431703	70.4	87	3.0	2367	9.29	0.9
S00431704	43.9	80	4.5	398	7.47	1.5
S00431705	106	58	1.8	3179	10.80	0.9
S00431706	66.1	81	1.6	581	9.78	1.0
S00431707	72.4	72	1.3	1235	10.25	1.0
S00431708	24.8	65	4.4	315	4.58	1.3
S00431709	55.2	67	1.6	107	10.84	0.7
S00431710	1.8	<20	0.3	14	0.57	0.3
S00431711	93.2	51	1.8	613	12.26	0.7
S00431712	55.3	47	1.4	126	10.77	0.6
S00431713	50.3	27	1.3	225	8.73	0.6
S00431714	49.4	20	1.4	239	9.10	0.8
S00431715	52.3	<20	1.7	315	9.42	0.7
S00431716	55.1	24	1.4	178	9.05	0.7
S00431717	51.8	42	1.4	173	9.09	0.7
S00431718	62.6	<20	1.7	355	8.23	0.6
S00431719	82.3	33	2.0	847	9.81	0.7
S00431720	208	2825	2.2	2873	10.61	0.2
S00431721	52.4	<20	1.7	295	8.88	0.6
S00431722	49.4	<20	1.4	314	8.89	0.8
S00431723	31.1	31	<0.1	6194	1.56	<0.1
S00431724	53.2	30	1.6	191	9.40	0.7
S00431725	96.3	30	1.8	565	10.17	0.7
S00431726	50.8	<20	2.7	439	9.54	0.9
S00431727	46.1	<20	2.7	847	7.70	0.8
S00431728	54.1	29	1.9	285	9.20	0.7
S00431729	52.0	31	1.6	181	8.88	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431730	52.8	36	1.6	181	9.11	0.7
S00431731	54.4	40	1.7	156	9.41	0.7
S00431732	52.4	33	1.3	163	9.06	0.8
S00431733	55.2	44	1.2	181	9.44	0.9
S00431734	55.2	32	0.9	168	9.36	0.7
S00431735	49.8	47	0.9	277	8.74	0.9
S00431736	76.3	84	0.5	846	8.73	0.7
S00431737	49.9	45	2.6	107	9.33	1.1
S00431738	44.8	67	5.4	655	8.74	1.4
S00431739	34.4	78	5.2	87	7.74	1.6
S00431740	2.1	<20	0.3	18	0.66	0.4
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*Dup S00431739	33.9	70	5.2	93	7.75	1.6
*Std OREAS 927	29.7	65	5.1	10780	8.34	1.7
*Std OREAS 623	231	31	2.7	16775	12.69	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00431727	45.0	<20	2.7	829	7.62	0.8
*Rep S00431729	54.0	63	1.6	185	9.10	0.7
*Std MP-2a	5.8	141	5.9	461	5.08	1.2
*Std MP-2a	5.0	166	5.4	446	4.95	1.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 623	211	31	2.5	17845	12.96	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 927	27.9	76	4.9	10918	8.46	1.9

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431701	16.5	15	2.57	1131	<2	73
S00431702	16.3	16	2.34	1035	<2	138
S00431703	14.2	17	2.83	1150	<2	584
S00431704	22.6	18	2.19	944	<2	150
S00431705	11.3	15	3.12	1472	<2	1204
S00431706	11.8	24	3.40	1363	<2	405
S00431707	12.7	22	3.54	1425	<2	649
S00431708	15.2	15	1.50	519	<2	96
S00431709	13.3	13	3.55	1650	<2	66
S00431710	4.8	8	8.33	372	<2	11
S00431711	14.2	13	3.56	1667	<2	123
S00431712	16.2	12	3.21	1570	<2	74
S00431713	11.7	13	3.03	1378	<2	113
S00431714	12.5	14	2.99	1421	<2	83
S00431715	14.0	13	2.71	1440	<2	149
S00431716	10.3	14	3.21	1400	<2	78
S00431717	10.7	13	3.08	1407	<2	79
S00431718	10.5	11	2.86	1294	<2	136

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431719	12.1	12	3.10	1437	<2	514
S00431720	3.6	26	12.86	1305	<2	3720
S00431721	17.7	12	2.47	1344	<2	64
S00431722	16.4	19	2.96	1364	<2	77
S00431723	0.8	<5	0.17	138	2	107
S00431724	12.7	13	2.96	1473	<2	83
S00431725	11.0	14	3.03	1428	<2	663
S00431726	18.0	14	2.81	1433	2	90
S00431727	21.5	12	2.08	1122	2	249
S00431728	14.1	13	3.03	1436	<2	79
S00431729	12.1	14	3.11	1380	<2	79
S00431730	12.4	15	3.34	1409	<2	80
S00431731	13.6	13	3.24	1486	<2	84
S00431732	12.3	15	3.22	1415	<2	79
S00431733	11.2	18	3.37	1468	2	90
S00431734	9.9	15	3.26	1430	<2	81
S00431735	17.0	18	3.00	1279	<2	155
S00431736	27.2	21	2.51	1050	2	735
S00431737	10.4	24	3.33	1446	<2	98
S00431738	18.4	28	2.79	1127	3	154
S00431739	30.7	23	1.78	983	2	28
S00431740	5.5	8	8.84	386	<2	13
██████	█	█	█	█	█	█
██████	█	█	█	█	█	█
██████	█	█	█	█	█	█
██████	█	█	█	█	█	█
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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
*Dup S00431739	30.4	23	1.85	976	<2	28
*Std OREAS 927	35.1	34	2.00	1122	<2	32
*Std OREAS 623	23.4	15	1.13	572	9	20
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00431727	22.1	12	2.06	1101	2	246
*Rep S00431729	12.6	14	3.25	1427	<2	138
*Std MP-2a	158	86	0.09	1045	1633	11
*Std MP-2a	154	96	0.10	1073	1721	<10
*Std OREAS 623	24.0	16	1.20	608	11	13
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	35.5	39	2.23	1220	<2	29

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431701	0.05	10	<1	<1	24.9	<50
S00431702	0.04	9	<1	<1	26.4	<50
S00431703	0.04	9	<1	<1	24.6	<50
S00431704	0.05	10	<1	<1	25.9	<50
S00431705	0.03	10	1	<1	22.8	<50
S00431706	0.04	8	<1	<1	23.1	<50
S00431707	0.03	9	<1	<1	22.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431708	0.03	9	<1	<1	30.8	<50
S00431709	0.08	7	<1	<1	21.4	<50
S00431710	0.01	9	<1	<1	5.1	<50
S00431711	0.08	11	<1	<1	21.4	<50
S00431712	0.08	7	<1	<1	22.2	<50
S00431713	0.04	11	<1	<1	23.0	<50
S00431714	0.04	9	<1	<1	23.8	<50
S00431715	0.04	9	<1	<1	23.5	<50
S00431716	0.03	7	<1	<1	23.6	<50
S00431717	0.03	8	<1	<1	23.1	<50
S00431718	0.03	10	<1	<1	21.2	<50
S00431719	0.03	9	<1	<1	23.6	<50
S00431720	0.03	6	2	4	16.7	<50
S00431721	0.05	9	<1	<1	24.7	<50
S00431722	0.04	10	<1	<1	24.6	<50
S00431723	<0.01	57	<1	<1	>40.0	<50
S00431724	0.04	9	<1	<1	23.8	<50
S00431725	0.03	10	<1	<1	23.0	<50
S00431726	0.05	9	<1	<1	25.0	<50
S00431727	0.07	11	<1	<1	26.2	<50
S00431728	0.04	9	<1	<1	24.5	<50
S00431729	0.03	9	<1	<1	23.1	<50
S00431730	0.03	8	<1	<1	23.8	<50
S00431731	0.04	9	<1	<1	24.6	<50
S00431732	0.04	8	<1	<1	24.0	<50
S00431733	0.04	9	<1	<1	23.8	<50
S00431734	0.04	9	<1	<1	24.2	<50
S00431735	0.04	9	<1	<1	23.6	<50
S00431736	0.04	13	<1	<1	25.2	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431737	0.03	8	<1	<1	23.2	<50
S00431738	0.05	15	<1	<1	23.3	<50
S00431739	0.05	14	<1	<1	25.6	<50
S00431740	0.01	6	<1	<1	5.2	<50
██████████	██████████	██████████	██████████	██████████	██████████	██████████
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*Dup S00431739	0.05	15	1	1	25.5	<50
*Std OREAS 927	0.05	200	2	2	28.0	<50
*Std OREAS 623	0.04	2357	8	26	22.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00431727	0.07	11	<1	<1	26.1	<50
*Rep S00431729	0.03	8	<1	<1	23.7	<50
*Std MP-2a	0.01	2835	<1	7	30.5	514
*Std MP-2a	0.01	2655	<1	7	29.4	496
*Std OREAS 623	0.05	2406	9	28	21.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.06	200	2	2	27.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431701	252	<1	0.63	266	<5	20.9
S00431702	201	<1	0.69	283	<5	18.0
S00431703	202	<1	0.58	239	<5	17.4
S00431704	247	<1	0.53	172	<5	19.1
S00431705	198	1	0.56	237	<5	16.3
S00431706	165	<1	0.49	229	<5	17.2
S00431707	141	<1	0.49	224	<5	17.1
S00431708	190	<1	0.28	89	<5	10.0
S00431709	185	<1	1.29	374	<5	25.2
S00431710	144	<1	0.05	10	<5	5.2
S00431711	162	<1	1.30	388	<5	24.5
S00431712	172	<1	1.29	378	<5	26.4
S00431713	243	<1	0.60	274	<5	16.8
S00431714	206	<1	0.52	245	<5	17.7
S00431715	189	<1	0.71	265	<5	20.0
S00431716	199	<1	0.55	281	<5	15.4
S00431717	195	<1	0.55	276	<5	15.4
S00431718	183	<1	0.49	245	<5	14.6
S00431719	204	<1	0.55	263	<5	16.5
S00431720	28	1	0.31	130	<5	7.7
S00431721	182	<1	0.74	286	<5	24.0
S00431722	190	<1	0.54	237	<5	20.0
S00431723	<10	1	0.03	13	<5	1.0
S00431724	185	<1	0.59	251	<5	19.0
S00431725	178	<1	0.45	223	<5	17.8
S00431726	170	<1	0.78	292	<5	23.7
S00431727	213	<1	0.87	249	<5	28.7
S00431728	198	<1	0.55	236	<5	18.3
S00431729	197	<1	0.53	236	<5	17.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431730	201	<1	0.53	245	<5	17.5
S00431731	208	<1	0.57	247	<5	18.8
S00431732	188	<1	0.55	236	<5	17.7
S00431733	193	<1	0.57	241	<5	17.4
S00431734	237	<1	0.55	238	<5	16.7
S00431735	210	<1	0.60	226	<5	20.3
S00431736	208	<1	0.63	207	<5	22.5
S00431737	194	<1	0.48	232	<5	16.6
S00431738	227	<1	0.60	242	5	22.0
S00431739	249	<1	0.68	184	<5	25.7
S00431740	145	<1	0.06	11	<5	6.5
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██████████	██	██	██	██	██	██
██████████	██	██	██	██	██	██
██████████	██	██	██	██	██	██
*Dup S00431739	249	<1	0.69	183	<5	25.8
*Std OREAS 927	28	<1	0.33	76	8	21.7
*Std OREAS 623	78	<1	0.14	26	<5	16.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00431727	216	<1	0.84	247	<5	28.8
*Rep S00431729	197	<1	0.53	239	<5	17.1
*Std MP-2a	14	5	0.03	<5	3465	229
*Std MP-2a	13	6	0.03	<5	3471	236

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	83	<1	0.15	26	9	16.8
*Blk BLANK	<10	<1	0.02	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.36	81	8	23.6

Element	Yb	Zn	@S
Method	GE IMS90A50	GE IMS90A50	GE CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431701	2.1	100	0.096
S00431702	1.8	99	0.114
S00431703	1.7	127	0.622
S00431704	1.9	88	0.130
S00431705	1.6	137	1.139
S00431706	1.7	97	0.184
S00431707	1.7	114	0.389
S00431708	1.1	59	0.077
S00431709	2.4	137	0.275
S00431710	0.4	32	0.013
S00431711	2.4	147	0.804
S00431712	2.5	130	0.173
S00431713	1.6	104	0.058
S00431714	1.8	104	0.040
S00431715	2.0	105	0.139
S00431716	1.5	100	0.023
S00431717	1.5	104	0.020
S00431718	1.5	100	0.085
S00431719	1.7	110	0.492

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431720	0.8	110	1.805
S00431721	2.3	97	0.148
S00431722	2.0	102	0.048
S004317 3	0.2	372	0.860
S00431724	1.9	106	0.038
S00431725	1.7	108	0.629
S00431726	2.3	108	0.061
S00431727	2.8	91	0.187
S004317	1.9	103	0.042
S00431729	1.7	100	0.036
S00431730	1.7	99	0.035
S00431731	1.9	105	0.037
S00431732	1.8	105	0.043
S00431733	1.8	103	0.040
S00431734	1.7	102	0.031
S00431735	1.9	94	0.080
S00431736	2.2	91	0.636
S00431737	1.7	110	0.016
S0043173	2.1	117	0.090
S00431739	2.5	96	0.051
S00431740	0.5	34	0.013
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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11593

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
██████████	██████████	██████████	██████████
*Dup S00431739	2.6	99	0.049
*Std OREAS 927	2.1	704	-
*Std OREAS 6 3	1.6	9840	-
*Blk BLANK	<0.1	<5	-
*Rep S00431727	2.7	90	-
*Rep S00431729	1.7	101	-
*Std MP-2a	26.9	5857	-
*Std MP-2a	27.5	5842	-
*Std OREAS 623	1.7	10064	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.3	717	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.557
*Rep S00431724	-	-	0.036
*Blk BLANK	-	-	<0.005
*Rep S00431741	-	-	0.049
*Std GS314-2	-	-	2.605

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11628

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	29-Jul-2021
Project	Shakespeare exploration	Date Analysed	05-Aug-2021 - 06-Sep-2021
Submission Number	*SD* Shakespeare / 51 Core	Date Completed	06-Sep-2021
Number of Samples	51	SGS Order Number	BBM21-11628

Methods Summary

Number of Sample	Method Code	Description
49	G PRP	Combined Sample Preparation
51	G_WGH_KG	Weight of samples received
51	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
51	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
51	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
51	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431751	1.15	<5	<10	<5	<5	1.64
S00431752	1.39	5	<10	<5	<5	7.62
S00431753	2.34	7	<10	<5	<5	8.01
S00431754	2.82	10	<10	<5	<5	12.81
S00431755	2.92	<5	<10	<5	<5	4.78
S00431756	2.09	<5	<10	<5	<5	4.81
S00431757	3.01	18	<10	<5	<5	11.04
S00431758	0.56	<5	<10	<5	<5	2.72
S00431759	2.92	6	<10	<5	<5	10.28
S00431760	0.76	<5	<10	<5	<5	1.17
S00431761	0.76	7	<10	<5	<5	8.37
S00431762	1.42	18	<10	<5	<5	9.92
S00431763	2.32	15	<10	<5	<5	10.28
S00431764	1.63	<5	<10	<5	<5	3.63
S00431765	1.94	6	<10	<5	<5	8.63
S00431766	1.34	33	60	46	<5	8.00
S00431767	1.09	177	190	237	<5	7.23
S00431768	1.22	26	20	33	<5	7.68
S00431769	1.90	11	20	14	<5	0.93
S00431770	0.11	66	410	540	<5	2.88
S00431771	1.43	7	<10	9	<5	8.43
S00431772	2.59	15	20	25	<5	9.16
S00431773	1.26	6	<10	13	<5	8.06
S00431774	1.13	<5	<10	<5	<5	6.87
S00431775	3.20	6	20	29	<5	8.09
S00431776	1.05	51	20	108	<5	7.44
S00431777	3.59	6	<10	15	<5	8.16
S00431778	2.44	<5	<10	<5	<5	6.95
S00431779	1.14	16	30	22	<5	9.22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431780	1.17	14	20	19	<5	9.09
S00431781	1.55	<5	<10	9	<5	9.00
S00431782	1.44	16	30	46	<5	7.64
S00431783	1.66	17	50	49	<5	8.47
S00431784	3.38	<5	<10	<5	<5	6.92
S00431785	3.20	<5	<10	<5	<5	7.00
S00431786	3.23	<5	<10	<5	<5	7.18
S00431787	2.96	<5	<10	<5	<5	7.08
S00431788	1.31	<5	<10	<5	<5	7.07
S00431789	1.40	<5	<10	7	<5	7.26
S00431790	0.91	5	<10	<5	<5	0.92
S00431791	2.23	<5	<10	<5	<5	7.48
S00431792	2.49	<5	<10	<5	<5	8.24
S00431793	1.42	43	40	62	<5	7.46
S00431794	1.91	65	110	113	<5	6.67
S00431795	1.15	105	150	225	<5	5.78
S00431796	1.92	184	310	300	<5	6.23
S00431797	1.11	204	350	394	<5	6.08
S00431798	3.00	88	130	162	<5	6.65
S00431799	2.95	48	80	109	<5	6.31
S00431800	0.11	51	540	910	<5	1.38
E00099549	0.85	<5	<10	<5	<5	0.88
*Dup S00431789	-	16	<10	7	<5	7.25
*Rep S00431777	-	6	<10	18	-	-
*Std OREAS 680	-	155	390	214	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	23	40	62	-	-
*Std OREAS 681	-	51	480	241	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 680	-	152	380	204	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	520	237	-	-
*Std OREAS 45f	-	19	40	56	-	-
*Rep S00431761	-	7	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std MP-2a	-	-	-	-	<5	6.09
*Std OREAS 623	-	-	-	-	21	5.15
*Rep S00431758	-	-	-	-	<5	2.70
*Rep S00431759	-	-	-	-	<5	10.37
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.93
*Rep S00431798	-	-	-	-	<5	6.61
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	5.55
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	18	4.97
*Std OREAS 927	-	-	-	-	<5	6.03
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	151	370	202	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431751	6	89	<1	<0.1	1.0	<0.2
S00431752	<3	272	2	0.4	3.8	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431753	4	442	2	0.2	2.2	<0.2
S00431754	<3	1040	2	0.2	0.4	<0.2
S00431755	6	309	<1	0.2	0.4	<0.2
S00431756	4	114	1	0.2	0.3	0.2
S00431757	18	544	3	1.2	0.3	<0.2
S00431758	<3	92	<1	0.4	0.2	<0.2
S00431759	14	543	3	0.4	0.2	<0.2
S00431760	<3	77	<1	<0.1	20.0	<0.2
S00431761	9	370	2	0.6	0.2	<0.2
S00431762	11	441	3	0.8	0.2	<0.2
S00431763	7	540	3	1.0	0.2	<0.2
S00431764	<3	108	<1	<0.1	0.3	<0.2
S00431765	8	765	2	0.3	0.7	<0.2
S00431766	<3	334	2	0.9	1.4	0.4
S00431767	117	172	<1	4.2	3.3	0.6
S00431768	8	230	1	0.7	3.7	0.2
S00431769	<3	25	<1	0.2	1.4	<0.2
S00431770	179	81	<1	0.1	3.3	0.4
S00431771	<3	263	2	0.2	2.6	<0.2
S00431772	<3	251	1	0.3	3.9	0.2
S00431773	<3	252	1	0.2	4.2	<0.2
S00431774	<3	117	1	0.2	6.4	<0.2
S00431775	<3	207	1	0.2	5.7	<0.2
S00431776	31	86	<1	0.6	6.5	0.3
S00431777	<3	249	<1	0.3	6.2	<0.2
S00431778	<3	171	1	0.2	6.7	0.2
S00431779	<3	121	1	0.5	7.1	<0.2
S00431780	<3	119	1	0.4	7.1	<0.2
S00431781	<3	80	1	0.5	7.2	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431782	3	220	<1	0.6	4.1	<0.2
S00431783	<3	67	1	0.7	6.1	<0.2
S00431784	<3	153	1	0.2	6.7	<0.2
S00431785	<3	191	1	0.1	6.9	<0.2
S00431786	<3	190	1	0.2	6.7	<0.2
S00431787	<3	181	1	0.2	6.5	<0.2
S00431788	<3	242	1	0.2	6.4	0.2
S00431789	<3	124	1	0.3	6.4	<0.2
S00431790	<3	95	<1	<0.1	21.5	<0.2
S00431791	<3	184	1	0.2	6.7	0.4
S00431792	<3	209	2	0.3	5.5	0.2
S00431793	<3	329	1	2.1	3.5	0.4
S00431794	12	270	1	4.0	4.3	0.2
S00431795	50	238	1	9.5	4.0	0.4
S00431796	46	292	1	12.4	4.2	0.5
S00431797	47	261	1	18.2	4.0	0.6
S00431798	15	261	1	6.3	4.6	0.3
S00431799	<3	276	1	3.5	4.6	0.5
S00431800	5	18	<1	0.6	1.0	0.7
E00099549	5	63	<1	0.5	20.4	<0.2
*Dup S00431789	<3	119	1	0.2	6.4	0.2
*Std MP-2a	5375	10	2	946	3.1	13.2
*Std OREAS 623	80	1371	2	17.8	1.4	50.9
*Rep S00431758	<3	96	<1	0.3	0.2	<0.2
*Rep S00431759	10	558	3	0.3	0.2	<0.2
*Blk BLANK	<3	<10	<1	0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std OREAS 927	15	326	2	58.0	0.5	1.1
*Rep S00431798	13	269	1	5.9	4.6	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5426	<10	2	896	3.1	13.5
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std OREAS 623	76	1293	2	19.3	1.4	50.9
*Std OREAS 927	16	316	2	61.5	0.4	1.1

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431751	27.1	114	0.8	204	1.61	0.4
S00431752	29.7	80	15.7	104	7.87	2.3
S00431753	36.1	152	25.6	66	8.39	3.5
S00431754	28.4	197	11.4	118	5.12	6.3
S00431755	10.1	92	1.3	164	1.46	1.3
S00431756	10.5	92	1.7	75	1.79	1.0
S00431757	26.0	201	3.7	58	4.67	3.9
S00431758	19.1	136	0.5	55	2.08	0.7
S00431759	25.0	180	4.8	63	4.41	4.1
S00431760	2.2	27	0.3	13	0.75	0.5
S00431761	18.0	172	4.0	66	3.89	3.2
S00431762	19.8	180	4.0	77	4.00	4.0
S00431763	17.7	188	4.5	89	3.88	4.5
S00431764	3.1	49	0.2	80	0.68	0.3
S00431765	19.8	148	1.4	31	4.23	1.9
S00431766	39.9	163	6.7	876	7.47	2.2
S00431767	103	329	2.9	1920	10.16	1.1
S00431768	44.3	158	6.2	367	8.46	1.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431769	14.2	56	0.4	122	1.83	0.1
S00431770	190	3013	2.1	2897	10.72	0.2
S00431771	29.9	111	2.8	100	5.41	1.0
S00431772	36.0	192	3.9	83	6.02	1.3
S00431773	62.0	93	3.0	368	8.53	1.0
S00431774	42.4	64	1.3	95	9.96	0.5
S00431775	45.9	65	0.9	71	8.35	0.7
S00431776	79.2	61	0.3	1212	8.08	0.3
S00431777	43.6	62	0.9	85	8.20	0.8
S00431778	46.1	55	1.4	130	10.42	0.7
S00431779	44.4	145	0.5	85	9.17	0.5
S00431780	40.8	100	0.5	46	9.05	0.5
S00431781	39.5	102	0.4	95	8.42	0.3
S00431782	55.0	117	1.9	461	7.16	0.8
S00431783	66.9	151	0.6	375	9.28	0.3
S00431784	44.8	65	1.2	124	10.03	0.6
S00431785	48.7	76	1.7	114	10.84	0.7
S00431786	51.9	72	1.3	160	10.80	0.8
S00431787	49.4	62	1.1	143	10.58	0.7
S00431788	45.4	70	0.6	123	10.68	1.0
S00431789	60.6	68	0.6	344	10.40	0.5
S00431790	1.6	21	0.3	13	0.59	0.4
S00431791	50.4	68	0.5	130	11.42	0.8
S00431792	39.9	82	1.6	235	9.23	0.8
S00431793	61.0	121	3.8	1839	8.25	1.2
S00431794	122	113	3.2	1122	10.20	1.0
S00431795	378	103	2.8	2629	15.55	0.9
S00431796	166	106	3.4	2709	11.57	1.1
S00431797	332	129	2.9	4937	14.39	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Sample 51

ANALYSIS REPORT BBM21-11628

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431798	121	112	3.0	1518	11.43	1.0
S00431799	89.4	108	3.2	2099	11.02	1.1
S00431 00	333	3501	0.2	4465	16.23	<0.1
E00099549	1.9	<20	0.3	16	0.69	0.4
*Dup S00431789	59.9	76	0.6	369	10.33	0.6
*Std MP-2a	5.0	166	5.4	446	4.95	1.2
*Std OREAS 623	211	31	2.5	17845	12.96	1.4
*Rep S00431758	19.6	125	0.5	53	2.08	0.7
*Rep S00431759	22.9	174	4.9	60	4.43	4.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 927	27.9	76	4.9	10918	8.46	1.9
*Rep S00431798	120	107	3.0	1512	11.48	1.0
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.6	160	5.8	463	4.89	1.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	218	36	2.8	17668	12.80	1.4
*Std OREAS 927	26.8	67	4.9	10686	8.01	1.8

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431751	14.1	<5	0.16	163	4	30
S00431752	24.9	28	1.58	948	3	28
S00431753	24.5	33	1.98	754	3	85
S00431754	43.8	22	1.29	271	2	76
S00431755	14.2	9	0.46	74	3	18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare / 51 Core
51

ANALYSIS REPORT BBM21-11628

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431756	13.8	8	0.51	87	2	20
S00431757	55.5	27	2.13	228	5	54
S00431758	7.4	9	0.60	102	5	50
S00431759	48.3	27	1.99	196	3	62
S00431760	5.4	9	8.36	459	<2	<10
S00431761	30.9	25	1.83	156	4	54
S00431762	31.4	27	1.86	157	3	61
S00431763	34.8	28	1.83	148	3	60
S00431764	7.6	<5	0.14	55	3	<10
S00431765	28.5	21	1.87	353	3	57
S00431766	17.4	34	3.21	706	<2	194
S00431767	11.2	27	4.76	1302	<2	1529
S00431768	15.4	26	3.73	1081	<2	223
S00431769	1.9	<5	0.54	271	3	86
S00431770	3.3	30	13.74	1403	<2	3719
S00431771	20.8	19	1.99	715	4	115
S00431772	13.8	16	2.36	807	2	157
S00431773	14.5	18	2.87	1060	<2	194
S00431774	13.7	17	3.61	1723	<2	56
S00431775	8.9	15	4.28	1398	<2	105
S00431776	7.7	17	3.48	1260	<2	333
S00431777	8.5	19	4.16	1338	<2	106
S00431778	15.4	13	3.65	1654	<2	68
S00431779	20.9	11	3.38	1494	<2	179
S00431780	18.7	11	3.37	1492	<2	99
S00431781	32.2	12	2.97	1364	<2	112
S00431782	124	17	2.36	863	2	231
S00431783	32.4	9	2.89	1304	2	381
S00431784	13.3	12	3.45	1622	<2	53

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431785	13.7	15	3.72	1761	<2	52
S00431786	14.7	13	3.70	1732	<2	78
S00431787	14.3	14	3.62	1705	<2	62
S00431788	12.5	16	3.56	1703	<2	51
S00431789	15.6	11	3.32	1596	<2	94
S00431790	5.1	9	9.32	409	<2	<10
S00431791	15.4	13	3.80	1831	<2	51
S00431792	21.6	15	2.94	1390	<2	64
S00431793	33.8	23	2.55	947	3	493
S00431794	21.5	17	2.58	1304	7	1366
S00431795	18.1	14	2.42	1310	17	5442
S00431796	18.9	16	2.68	1410	7	1917
S00431797	17.9	15	2.58	1275	18	4488
S00431798	18.6	16	2.91	1508	5	1448
S00431799	17.5	17	2.89	1496	<2	833
S00431800	1.2	<5	14.86	1033	3	15501
E00099549	6.9	9	8.48	410	<2	<10
*Dup S00431789	15.1	11	3.21	1588	<2	97
*Std MP-2a	154	96	0.10	1073	1721	<10
*Std OREAS 623	24.0	16	1.20	608	11	13
*Rep S00431758	8.2	8	0.62	102	5	51
*Rep S00431759	48.6	27	1.97	196	3	58
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	35.5	39	2.23	1220	<2	29
*Rep S00431798	18.9	16	2.78	1492	5	1329
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	144	92	0.09	1070	1679	15
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Sample 51

ANALYSIS REPORT BBM21-11628

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	24.6	17	1.26	612	9	15
*Std OREAS 927	39.1	36	2.12	1154	<2	26

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431751	0.01	25	<1	<1	39.5	<50
S00431752	0.06	12	<1	<1	24.9	<50
S00431753	0.05	13	<1	<1	24.0	<50
S00431754	0.04	20	<1	<1	22.8	<50
S00431755	0.03	13	<1	<1	35.2	<50
S00431756	0.02	14	<1	<1	33.9	<50
S00431757	0.04	11	<1	<1	25.2	<50
S00431758	0.03	12	<1	<1	38.4	<50
S00431759	0.04	12	<1	<1	26.4	<50
S00431760	0.02	6	<1	<1	6.0	<50
S00431761	0.04	8	<1	<1	27.9	<50
S00431762	0.04	7	<1	<1	27.6	<50
S00431763	0.04	8	<1	<1	27.2	<50
S00431764	0.01	5	<1	<1	38.8	<50
S00431765	0.04	21	<1	<1	28.1	<50
S00431766	0.04	20	<1	<1	25.3	<50
S00431767	0.03	12	<1	<1	21.7	<50
S00431768	0.05	8	<1	<1	23.8	<50
S00431769	<0.01	3	<1	<1	39.2	<50
S00431770	0.02	5	2	4	16.8	<50
S00431771	0.03	8	<1	<1	26.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare / 51 Core
51

ANALYSIS REPORT BBM21-11628

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431772	0.02	8	<1	<1	25.3	<50
S00431773	0.05	8	<1	<1	24.2	<50
S00431774	0.08	6	<1	<1	20.8	<50
S00431775	0.03	8	<1	<1	22.7	<50
S00431776	0.04	10	<1	<1	20.9	<50
S00431777	0.03	9	<1	<1	22.4	<50
S00431778	0.10	5	<1	<1	20.6	<50
S00431779	0.11	10	<1	<1	21.3	<50
S00431780	0.10	9	<1	<1	21.5	<50
S00431781	0.11	12	<1	<1	21.4	<50
S00431782	0.04	9	<1	<1	26.0	<50
S00431783	0.06	10	<1	<1	22.7	<50
S00431784	0.08	7	<1	<1	19.7	<50
S00431785	0.09	5	<1	<1	20.4	<50
S00431786	0.08	7	<1	<1	21.4	<50
S00431787	0.09	6	<1	<1	20.5	<50
S00431788	0.09	5	<1	<1	20.2	<50
S00431789	0.08	6	<1	<1	22.5	<50
S00431790	0.02	7	<1	<1	5.0	<50
S00431791	0.10	14	<1	<1	21.6	<50
S00431792	0.08	8	<1	<1	24.4	<50
S00431793	0.06	12	<1	<1	25.1	<50
S00431794	0.04	10	2	<1	23.5	<50
S00431795	0.04	10	6	<1	21.1	<50
S00431796	0.05	8	2	<1	22.9	<50
S00431797	0.04	8	5	<1	22.1	<50
S00431798	0.04	8	<1	<1	24.2	<50
S00431799	0.04	7	<1	<1	24.7	<50
S00431800	0.02	15	8	2	14.3	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
E00099549	0.02	8	<1	<1	5.9	<50
*Dup S00431789	0.08	6	<1	<1	22.2	<50
*Std MP a	0.01	2655	<1	7	29.4	496
*Std OREAS 623	0.05	2406	9	28	21.8	<50
*Rep S00431758	0.03	11	<1	<1	37.4	<50
*Rep S00431759	0.04	14	<1	<1	26.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.06	200	2	2	27.7	<50
*Rep S00431798	0.04	8	2	<1	24.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.01	2502	<1	7	30.9	551
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2551	10	28	23.2	<50
*Std OREAS 927	0.05	218	2	1	28.0	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431751	38	<1	0.05	14	<5	4.7
S00431752	222	<1	0.79	184	<5	28.2
S00431753	155	<1	0.68	195	<5	22.1
S00431754	27	<1	0.48	180	6	23.7
S00431755	73	<1	0.14	27	<5	7.3
S00431756	92	<1	0.13	27	<5	7.9
S00431757	66	<1	0.54	135	<5	19.5
S00431758	36	<1	0.09	22	<5	7.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431759	73	<1	0.48	117	<5	23.1
S00431760	163	<1	0.06	14	<5	7.1
S00431761	56	<1	0.41	98	<5	17.4
S00431762	46	<1	0.47	119	<5	18.3
S00431763	44	<1	0.47	124	<5	29.7
S00431764	41	<1	0.05	8	<5	2.9
S00431765	74	<1	0.38	105	<5	16.0
S00431766	126	<1	0.62	228	<5	13.0
S00431767	133	2	0.45	279	<5	13.5
S00431768	207	<1	0.80	284	<5	20.2
S00431769	22	<1	0.05	35	<5	1.9
S00431770	30	1	0.34	136	<5	8.2
S00431771	239	<1	0.55	177	<5	16.8
S00431772	332	<1	0.46	182	<5	14.2
S00431773	220	<1	0.74	231	<5	19.0
S00431774	151	<1	1.20	357	<5	23.8
S00431775	221	<1	0.44	229	<5	15.1
S00431776	180	<1	0.42	223	<5	12.9
S00431777	259	<1	0.44	225	<5	14.8
S00431778	156	<1	1.57	413	<5	30.1
S00431779	288	<1	1.37	356	<5	26.8
S00431780	275	<1	1.34	356	<5	26.3
S00431781	309	<1	1.06	403	<5	31.2
S00431782	240	<1	0.72	194	<5	26.4
S00431783	258	<1	0.84	277	<5	24.2
S00431784	190	<1	1.28	378	<5	25.4
S00431785	163	<1	1.35	390	<5	26.3
S00431786	164	<1	1.35	387	<5	26.7
S00431787	156	<1	1.37	382	<5	27.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Samples 51

ANALYSIS REPORT BBM21-11628

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431788	141	<1	1.36	386	<5	26.5
S00431789	162	<1	1.26	362	<5	26.3
S00431790	164	<1	0.05	11	<5	6.0
S00431791	148	<1	1.46	415	<5	28.8
S00431792	224	<1	1.08	301	<5	27.9
S00431793	219	<1	0.67	214	<5	23.0
S00431794	191	1	0.69	243	<5	21.8
S00431795	156	4	0.69	227	<5	19.6
S00431796	153	3	0.74	238	<5	20.2
S00431797	161	5	0.60	231	<5	18.2
S00431798	162	2	0.75	284	<5	21.7
S00431799	143	1	0.79	293	<5	20.3
S00431800	<10	1	0.10	74	<5	3.3
E00099549	175	<1	0.05	12	<5	6.6
*Dup S00431789	165	<1	1.25	357	<5	26.1
*Std MP-2a	13	6	0.03	<5	3471	236
*Std OREAS 623	83	<1	0.15	26	9	16.8
*Rep S00431758	34	<1	0.09	21	<5	7.7
*Rep S00431759	72	<1	0.48	116	<5	22.4
*Blk BLANK	<10	<1	0.02	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	31	<1	0.36	81	8	23.6
*Rep S00431798	161	2	0.74	281	<5	21.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3374	236
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	87	<1	0.14	26	<5	16.9
*Std OREAS 927	30	<1	0.33	75	6	22.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Sample 51

ANALYSIS REPORT BBM21-11628

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431751	0.4	12	0.597
S00431752	2.7	91	0.179
S00431753	2.1	99	0.175
S00431754	2.3	64	0.488
S00431755	0.8	32	0.231
S00431756	0.8	20	0.300
S00431757	2.0	38	0.174
S00431758	0.8	13	0.585
S00431759	2.4	31	0.233
S00431760	0.6	39	0.007
S00431761	1.9	31	0.265
S00431762	1.9	31	0.295
S00431763	2.8	30	0.376
S00431764	0.3	7	0.058
S00431765	1.7	53	0.036
S00431766	1.6	108	0.282
S00431767	1.4	126	1.013
S00431768	2.0	103	0.144
S00431769	0.2	20	0.149
S00431770	0.7	107	1.824
S00431771	1.5	73	0.124
S00431772	1.4	74	0.183
S00431773	1.9	100	0.541
S00431774	2.3	124	0.055
S00431775	1.5	105	0.110
S00431776	1.2	116	0.561
S00431777	1.4	100	0.026
S00431778	2.8	134	0.117
S00431779	2.6	116	0.114
S00431780	2.6	114	0.097
S00431781	2.7	99	0.143

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Sample 51

ANALYSIS REPORT BBM21-11628

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431782	2.2	89	0.457
S00431783	2.3	99	0.659
S00431784	2.4	124	0.142
S00431785	2.6	129	0.167
S00431786	2.6	131	0.229
S00431787	2.6	133	0.188
S00431788	2.7	132	0.104
S00431789	2.5	127	0.389
S00431790	0.5	33	0.008
S00431791	2.9	215	0.105
S00431792	2.7	118	0.087
S00431793	2.4	163	0.502
S00431794	2.2	174	1.287
S00431795	2.0	204	5.250
S00431796	2.1	145	1.798
S00431797	1.9	143	4.359
S00431798	2.2	168	1.180
S00431799	2.1	144	0.942
S00431800	0.4	114	7.152
E00099549	0.5	46	<0.005
*Dup S00431789	2.4	130	0.396
*Rep S00431770	-	-	1.799
*Std GS314-2	-	-	2.544
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.515
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.557
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.605
*Std MP-2a	27.5	5842	-
*Std OREAS 623	1.7	10064	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 51 Core
 Number of Sample 51

ANALYSIS REPORT BBM21-11628

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00431758	0.8	13	-
*Rep S00431759	2.4	35	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.3	717	-
*Rep S00431798	2.3	135	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	30.0	6071	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.8	10389	-
*Std OREAS 927	2.3	721	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11629

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	29-Jul-2021
Project	Shakespeare exploration	Date Analysed	05-Aug-2021 - 06-Sep-2021
Submission Number	*SD* Shakespeare / 50 Core	Date Completed	06-Sep-2021
Number of Samples	50	SGS Order Number	BBM21-11629

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion
3	GO_XRF72	Borate Fusion, XRF, Ore Grade, variable wt.g

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431801	3.09	89	110	157	<5	6.32
S00431802	3.00	12	20	16	<5	6.65
S00431803	3.31	19	40	31	<5	6.55
S00431804	3.27	21	30	36	<5	6.77
S00431805	3.23	31	50	63	<5	6.61
S00431806	3.14	12	10	20	<5	6.77
S00431807	2.63	27	40	50	<5	6.36
S00431808	0.87	<5	<10	6	<5	6.51
S00431809	3.27	34	50	59	<5	6.45
S00431810	0.81	<5	<10	<5	<5	0.99
S00431811	3.04	43	60	73	<5	6.53
S00431812	3.06	30	40	51	<5	6.55
S00431813	3.21	40	70	68	<5	6.53
S00431814	3.08	19	20	32	<5	6.91
S00431815	2.76	32	60	65	<5	6.36
S00431816	2.98	43	50	57	<5	6.66
S00431817	1.56	27	60	52	<5	6.84
S00431818	3.45	31	40	57	<5	6.65
S00431819	3.20	12	20	21	<5	6.97
S00431820	0.11	53	380	533	<5	2.68
S00431821	2.67	98	160	200	<5	6.67
S00431822	2.24	166	260	341	<5	6.66
S00431823	3.00	154	110	162	<5	9.09
S00431824	2.88	8	<10	<5	<5	10.74
S00431825	3.04	129	60	78	<5	8.66
S00431826	2.08	225	150	219	<5	6.69
S00431827	1.91	192	140	137	<5	6.50
S00431828	1.49	160	50	67	<5	5.78
S00431829	1.59	1130	190	224	<5	6.66

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431830	1.62	1100	160	212	<5	6.89
S00431831	3.41	200	80	64	<5	6.66
S00431832	2.69	26	80	27	<5	6.54
S00431833	2.13	55	40	76	<5	6.82
S00431834	2.79	12	10	15	<5	7.48
S00431835	1.22	11	20	15	<5	8.18
S00431836	1.53	44	40	46	<5	7.44
S00431837	1.18	33	<10	12	<5	2.64
S00431838	2.98	78	40	99	<5	6.40
S00431839	3.27	83	150	168	<5	6.45
S00431840	0.88	<5	<10	<5	<5	0.84
S00431841	1.27	97	130	172	<5	7.00
S00431842	2.74	7	<10	11	<5	6.75
S00431843	2.52	<5	<10	<5	<5	6.70
S00431844	3.02	6	10	16	<5	6.87
S00431845	2.48	10	20	30	<5	6.85
S00431846	1.90	8	10	23	<5	6.87
S00431847	1.31	157	210	301	<5	6.68
S00431848	2.55	6	10	9	<5	7.10
S00431849	2.13	12	10	23	<5	5.43
S00431850	0.11	57	550	985	<5	1.37
*Dup S00431839	-	83	210	153	<5	6.55
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	5.55
*Rep S00431811	-	-	-	-	<5	6.42
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	18	4.97
*Std OREAS 927	-	-	-	-	<5	6.03
*Std OREAS 680	-	155	390	214	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11629

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	23	40	62	-	-
*Rep S00431 11	-	44	60	76	-	-
*Std OREAS 681	-	51	480	241	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431845	-	8	30	28	-	-
*Std OREAS 623	-	-	-	-	18	4.84
*Rep S00431840	-	-	-	-	<5	0.85
*Blk BLANK	-	-	-	-	<5	0.01
*Std OREAS 927	-	-	-	-	<5	6.22
*Rep S00431847	-	145	190	288	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	152	380	211	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431801	3	267	1	6.0	4.6	0.3
S00431802	<3	270	1	0.8	4.6	0.2
S00431803	<3	305	1	1.4	4.6	0.2
S00431804	<3	279	1	1.9	4.8	<0.2
S00431805	<3	220	1	2.4	4.7	0.2
S00431806	<3	222	1	1.0	4.9	0.2
S00431807	4	305	<1	1.9	4.4	0.4
S00431808	<3	492	1	0.4	4.1	<0.2
S00431809	<3	236	1	2.4	4.7	0.3
S00431810	<3	75	<1	<0.1	19.6	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431811	6	256	1	2.5	4.7	0.3
S00431812	<3	283	1	1.9	4.7	0.2
S00431813	<3	267	<1	2.6	4.8	0.3
S00431814	<3	238	1	1.3	4.7	0.2
S00431815	<3	207	1	2.3	4.6	0.2
S00431816	4	280	1	2.1	4.5	0.3
S00431817	<3	328	1	2.1	4.5	<0.2
S00431818	<3	294	1	2.4	4.5	0.2
S00431819	<3	246	1	1.1	4.9	0.2
S00431820	186	76	<1	0.2	3.2	0.4
S00431821	68	178	<1	7.8	4.2	0.5
S00431822	197	171	<1	16.0	4.2	0.9
S00431823	112	341	2	12.4	1.7	0.2
S00431824	<3	669	2	0.3	1.2	<0.2
S00431825	39	367	2	3.7	2.1	<0.2
S00431826	6	301	<1	6.5	4.1	0.5
S00431827	217	220	<1	3.4	4.6	0.4
S00431828	141	138	<1	1.7	3.2	<0.2
S00431829	468	292	1	17.5	2.8	<0.2
S00431830	482	287	1	15.9	2.8	<0.2
S00431831	51	201	<1	3.3	3.9	<0.2
S00431832	8	245	<1	0.9	4.5	0.3
S00431833	7	241	<1	2.1	4.5	0.2
S00431834	13	172	1	0.6	3.8	<0.2
S00431835	28	138	2	0.5	3.0	<0.2
S00431836	39	347	2	2.2	1.9	<0.2
S00431837	45	106	<1	1.2	0.6	<0.2
S00431838	32	328	1	2.9	5.3	0.6
S00431839	41	252	1	5.2	5.2	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431840	<3	55	<1	<0.1	20.0	<0.2
S00431841	46	208	1	6.3	5.5	0.4
S00431842	<3	246	1	0.5	4.6	<0.2
S00431843	<3	211	1	0.3	5.1	<0.2
S00431844	<3	190	1	0.4	5.5	<0.2
S00431845	<3	180	<1	0.5	5.3	<0.2
S00431846	<3	174	<1	0.5	5.5	0.3
S00431847	40	171	<1	7.5	5.1	0.5
S00431848	<3	185	<1	0.3	5.6	<0.2
S00431849	3	174	1	0.6	6.7	0.2
S00431850	<3	<10	<1	0.5	0.9	0.6
*Dup S00431839	26	249	1	4.3	5.1	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std MP-2a	5426	<10	2	896	3.1	13.5
*Rep S00431811	9	260	1	2.9	4.7	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std OREAS 623	76	1293	2	19.3	1.4	50.9
*Std OREAS 927	16	316	2	61.5	0.4	1.1
*Std OREAS 623	72	1301	1	17.5	1.4	50.5
*Rep S00431840	<3	52	<1	<0.1	19.6	0.2
*Blk BLANK	7	<10	<1	2.0	<0.1	0.2
*Std OREAS 927	11	284	2	66.3	0.4	1.1

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431801	118	84	3.0	1545	11.74	1.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431802	55.4	98	2.8	559	10.23	1.1
S00431803	68.6	94	3.5	1015	10.99	1.2
S00431804	60.6	85	3.0	460	10.41	1.1
S00431805	82.2	96	2.1	812	11.18	1.0
S00431806	60.4	89	2.1	542	10.59	1.0
S00431807	69.3	89	1.2	890	10.84	1.2
S00431808	43.0	96	0.8	196	9.98	2.2
S00431809	80.1	87	2.0	1057	10.70	1.0
S00431810	2.3	29	0.3	19	0.79	0.5
S00431811	84.4	90	1.8	1137	10.90	1.1
S00431812	66.5	86	2.3	674	10.55	1.1
S00431813	69.4	92	2.4	988	10.14	1.1
S00431814	58.0	117	3.1	551	9.58	1.1
S00431815	60.5	80	1.5	929	9.46	0.9
S00431816	69.4	64	3.5	863	10.08	1.2
S00431817	69.1	72	4.5	646	10.18	1.4
S00431818	61.1	66	4.1	656	9.76	1.3
S00431819	53.3	77	4.2	462	9.81	1.3
S00431820	196	3001	2.2	2923	10.77	0.2
S00431821	134	241	3.8	2247	10.88	1.2
S00431822	211	221	4.0	5026	11.48	1.2
S00431823	86.4	175	3.2	1209	6.88	1.6
S00431824	12.2	171	1.4	34	2.93	2.1
S00431825	52.0	298	8.7	390	8.21	2.5
S00431826	99.9	220	7.4	2245	10.71	2.0
S00431827	90.9	202	5.2	1653	9.87	1.5
S00431828	43.9	105	2.9	893	7.19	0.8
S00431829	120	228	5.9	306	9.57	1.8
S00431830	114	222	5.9	274	9.39	1.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431831	48.8	119	4.3	301	8.83	1.2
S00431832	48.2	120	5.1	496	8.80	1.5
S00431833	56.9	107	4.8	838	8.89	1.4
S00431834	37.5	187	3.0	211	7.50	1.0
S00431835	35.1	210	2.3	42	6.80	0.8
S00431836	76.6	343	5.7	884	8.27	1.7
S00431837	34.6	94	2.1	178	3.14	0.6
S00431838	62.9	35	7.7	1344	10.51	1.5
S00431839	93.2	36	5.0	1404	11.82	1.2
S00431840	2.4	<20	0.3	15	0.79	0.4
S00431841	91.7	55	3.6	1843	11.23	1.1
S00431842	47.4	64	4.5	319	10.38	1.2
S00431843	50.4	40	3.4	225	10.70	1.0
S00431844	59.0	57	2.9	339	10.60	0.9
S00431845	54.1	59	2.6	325	10.00	0.9
S00431846	54.5	52	2.4	388	9.97	0.9
S00431847	115	49	2.6	2325	10.76	0.9
S00431848	48.5	39	3.2	235	9.30	0.9
S00431849	52.7	170	6.4	226	9.69	1.2
S00431850	324	3432	0.2	4206	15.96	<0.1
*Dup S00431839	78.9	42	5.0	1198	11.50	1.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.6	160	5.8	463	4.89	1.2
*Rep S00431811	83.2	80	1.8	1112	10.74	1.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	218	36	2.8	17668	12.80	1.4
*Std OREAS 927	26.8	67	4.9	10686	8.01	1.8
*Std OREAS 623	224	34	2.6	18179	13.29	1.5
*Rep S00431840	2.3	36	0.3	15	0.78	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11629

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 927	29.0	70	4.9	11036	8.36	1.9

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431801	18.4	17	2.77	1505	2	1290
S00431802	18.4	19	2.95	1524	2	190
S00431803	19.3	18	2.95	1597	<2	384
S00431804	19.6	17	2.85	1564	2	278
S00431805	18.8	20	2.98	1551	<2	549
S00431806	18.0	19	2.85	1588	<2	245
S00431807	15.9	23	3.00	1587	<2	449
S00431808	18.8	23	3.00	1547	<2	109
S00431809	20.6	18	2.72	1569	<2	520
S00431810	7.5	9	8.67	447	<2	<10
S00431811	19.2	22	2.93	1551	<2	664
S00431812	18.2	18	2.77	1543	<2	426
S00431813	17.0	17	3.03	1553	<2	518
S00431814	17.4	18	3.05	1524	2	301
S00431815	20.7	19	2.38	1350	3	457
S00431816	20.5	20	2.35	1401	2	530
S00431817	23.3	19	2.46	1444	2	482
S00431818	22.4	18	2.40	1413	<2	418
S00431819	19.9	19	2.63	1490	<2	187
S00431820	3.7	33	13.55	1404	<2	3826
S00431821	15.5	22	3.36	1390	8	1863

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431822	18.5	20	3.07	1313	9	3183
S00431823	32.6	22	2.31	755	4	1234
S00431824	50.4	16	1.22	369	3	72
S00431825	35.2	32	2.96	917	2	615
S00431826	17.3	23	3.16	1229	2	1537
S00431827	16.7	20	3.36	1275	2	1007
S00431828	14.2	17	2.67	925	<2	382
S00431829	24.6	28	3.85	1173	2	1302
S00431830	24.7	29	3.87	1152	3	1135
S00431831	17.0	21	3.13	1203	<2	351
S00431832	16.7	18	2.97	1202	<2	158
S00431833	17.2	17	3.20	1137	2	396
S00431834	21.3	19	3.24	1019	<2	140
S00431835	20.8	22	3.13	914	<2	154
S00431836	18.0	28	3.05	848	6	337
S00431837	19.9	10	0.96	299	5	212
S00431838	21.8	21	2.17	1525	2	437
S00431839	17.1	17	1.99	1518	<2	1133
S00431840	5.2	8	7.87	450	<2	14
S00431841	16.4	13	2.34	1514	<2	1433
S00431842	18.6	17	2.17	1354	<2	139
S00431843	17.7	13	2.01	1479	<2	53
S00431844	14.1	14	2.52	1543	<2	278
S00431845	12.7	14	2.66	1507	<2	161
S00431846	16.8	14	2.44	1491	<2	186
S00431847	14.9	12	2.25	1386	<2	1915
S00431848	14.8	15	2.39	1421	<2	79
S00431849	63.8	20	3.97	1605	<2	270
S00431850	1.0	<5	13.18	990	2	15166

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Dup S00431839	17.1	17	2.01	1497	<2	855
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	144	92	0.09	1070	1679	15
*Rep S00431811	19.3	21	3.00	1521	<2	642
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	24.6	17	1.26	612	9	15
*Std OREAS 927	39.1	36	2.12	1154	<2	26
*Std OREAS 623	25.6	17	1.11	616	9	21
*Rep S00431840	5.3	8	7.69	444	<2	17
*Blk BLANK	<0.1	<5	<0.01	<10	4	<10
*Std OREAS 927	35.9	38	1.92	1170	<2	32

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431801	0.04	8	1	<1	23.7	<50
S00431802	0.04	7	<1	<1	24.6	<50
S00431803	0.04	7	<1	<1	24.5	<50
S00431804	0.04	7	<1	<1	25.1	<50
S00431805	0.04	7	<1	<1	24.9	<50
S00431806	0.05	7	<1	<1	25.4	<50
S00431807	0.04	7	<1	<1	23.9	<50
S00431808	0.05	4	<1	<1	24.6	<50
S00431809	0.05	9	<1	<1	24.7	<50
S00431810	0.02	9	<1	<1	6.5	<50
S00431811	0.04	10	<1	<1	24.3	<50
S00431812	0.04	9	<1	<1	24.2	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element Method Lower Limit Upper Limit Unit	P GE_IMS90A50 0.01 25 %	Pb GE_IMS90A50 2 50,000 ppm m / m	S GE_IMS90A50 1 25 %	Sb GE_IMS90A50 1 10,000 ppm m / m	Si GE_IMS90A50 0.1 40 %	Sn GE_IMS90A50 50 10,000 ppm m / m
S00431813	0.03	9	<1	<1	23.6	<50
S00431814	0.04	8	<1	<1	24.7	<50
S00431815	0.05	8	<1	<1	25.5	<50
S00431816	0.05	9	<1	<1	24.9	<50
S00431817	0.05	11	<1	<1	25.7	<50
S00431818	0.05	10	<1	<1	24.5	<50
S00431819	0.05	10	<1	<1	24.8	<50
S00431820	0.03	6	2	4	17.4	<50
S00431821	0.04	8	2	<1	23.0	<50
S00431822	0.05	10	3	<1	23.4	<50
S00431823	0.03	13	<1	<1	24.3	<50
S00431824	0.04	12	<1	<1	28.0	<50
S00431825	0.03	13	<1	<1	23.2	<50
S00431826	0.05	10	<1	<1	24.0	<50
S00431827	0.05	8	<1	2	24.3	<50
S00431828	0.02	8	<1	2	18.2	<50
S00431829	0.02	9	<1	2	24.5	<50
S00431830	0.02	9	<1	2	24.8	<50
S00431831	0.04	10	<1	<1	25.3	<50
S00431832	0.05	9	<1	<1	25.1	<50
S00431833	0.04	9	<1	<1	25.9	<50
S00431834	0.04	11	<1	<1	25.6	<50
S00431835	0.03	12	<1	<1	26.0	<50
S00431836	0.02	19	<1	<1	25.7	<50
S00431837	0.01	8	<1	<1	37.8	<50
S00431838	0.06	20	<1	<1	23.0	<50
S00431839	0.04	6	<1	<1	21.5	<50
S00431840	0.01	3	<1	<1	5.3	<50
S00431841	0.04	4	<1	<1	23.0	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11629

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431842	0.05	4	<1	<1	22.8	<50
S00431843	0.05	3	<1	<1	22.4	<50
S00431 44	0.04	5	<1	<1	22.5	<50
S00431845	0.03	5	<1	<1	22.0	<50
S00431846	0.04	5	<1	<1	23.3	<50
S00431847	0.04	6	<1	<1	21.4	<50
S00431848	0.04	6	<1	<1	22.7	<50
S00431849	0.13	35	<1	<1	19.2	<50
S00431850	<0.01	10	7	2	13.0	<50
*Dup S00431839	0.04	5	<1	<1	21.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.01	2502	<1	7	30.9	551
*Rep S00431811	0.04	10	<1	<1	23.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 623	0.04	2551	10	28	23.2	<50
*Std OREAS 927	0.05	218	2	1	28.0	<50
*Std OREAS 623	0.04	2568	9	27	21.8	<50
*Rep S00431840	0.01	2	<1	<1	5.2	<50
*Blk BLANK	<0.01	2	<1	<1	<0.1	<50
*Std OREAS 927	0.05	201	2	2	26.5	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431801	135	2	0.80	323	<5	20.8
S00431802	142	<1	0.80	322	<5	21.4
S00431803	135	<1	0.81	330	<5	21.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431804	157	<1	0.79	374	<5	21.2
S00431805	136	<1	0.85	332	<5	21.7
S00431806	154	<1	0.81	383	<5	21.6
S00431807	136	<1	0.79	363	<5	19.8
S00431808	121	<1	0.83	296	<5	22.1
S00431809	142	<1	0.82	313	<5	22.2
S00431810	155	<1	0.06	15	<5	7.5
S00431811	132	<1	0.78	365	<5	20.8
S00431812	140	<1	0.76	341	<5	20.3
S00431813	149	<1	0.73	353	<5	17.8
S00431814	167	<1	0.75	314	<5	18.3
S00431815	146	<1	0.84	282	<5	23.7
S00431816	164	<1	0.86	299	<5	24.4
S00431817	168	<1	0.83	274	<5	24.4
S00431818	169	<1	0.76	314	<5	23.3
S00431819	179	<1	0.80	404	<5	22.1
S00431820	29	<1	0.33	139	<5	8.1
S00431821	141	2	0.66	327	<5	17.6
S00431822	135	4	0.63	302	<5	20.1
S00431823	143	2	0.57	213	<5	18.8
S00431824	118	<1	0.45	134	<5	23.5
S00431825	168	<1	0.86	306	<5	18.8
S00431826	109	2	0.78	302	<5	19.3
S00431827	90	<1	0.56	220	<5	19.8
S00431828	109	<1	0.34	177	<5	12.1
S00431829	127	3	0.74	335	<5	16.7
S00431830	129	3	0.74	340	<5	16.8
S00431831	137	<1	0.52	206	<5	18.1
S00431832	141	<1	0.52	180	<5	20.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431833	146	<1	0.42	146	<5	20.5
S00431834	175	<1	0.44	199	<5	18.4
S00431835	198	<1	0.40	200	<5	14.5
S00431836	143	<1	0.43	305	<5	11.1
S00431837	43	<1	0.22	79	<5	7.2
S00431838	177	<1	1.52	470	<5	27.2
S00431839	164	1	1.25	399	<5	24.7
S00431840	155	<1	0.06	15	<5	6.6
S00431841	200	2	0.90	260	<5	23.3
S00431842	180	<1	0.91	255	<5	26.4
S00431843	171	<1	1.01	334	<5	25.2
S00431844	200	<1	0.89	338	<5	21.1
S00431845	202	<1	0.76	302	<5	19.6
S00431846	206	<1	0.86	293	<5	23.1
S00431847	206	2	0.68	234	<5	21.8
S00431848	235	<1	0.71	252	<5	21.1
S00431849	169	<1	1.16	255	<5	25.1
S00431850	<10	1	0.09	72	<5	3.3
*Dup S00431839	163	1	1.21	393	<5	24.3
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	15	6	0.03	<5	3374	236
*Rep S00431811	130	<1	0.77	359	<5	20.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	87	<1	0.14	26	<5	16.9
*Std OREAS 927	30	<1	0.33	75	6	22.5
*Std OREAS 623	85	<1	0.15	26	<5	17.7
*Rep S00431840	154	<1	0.06	15	<5	6.9
*Blk BLANK	<10	<1	<0.01	<5	12	0.6
*Std OREAS 927	28	<1	0.34	77	8	22.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element Method	Yb GE_IMS90A50	Zn GE_IMS90A50	@S GE_CSA06V	@LOI GO_XRF72	@Al2O3 GO_XRF72	@CaO GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00431801	2.0	137	1.288	-	-	-
S00431802	2.2	128	0.152	-	-	-
S00431803	2.3	135	0.391	-	-	-
S00431804	2.3	126	0.220	-	-	-
S00431805	2.3	133	0.576	-	-	-
S00431806	2.1	127	0.188	-	-	-
S00431807	2.0	159	0.378	-	-	-
S00431808	2.3	95	0.031	1.65983	12.89	5.73
S00431809	2.3	137	0.579	-	-	-
S00431810	0.6	46	0.020	-	-	-
S00431811	2.2	148	0.659	-	-	-
S00431812	2.1	133	0.373	-	-	-
S00431813	1.9	126	0.443	-	-	-
S00431814	1.9	126	0.195	-	-	-
S00431815	2.4	111	0.358	-	-	-
S00431816	2.5	128	0.533	-	-	-
S00431817	2.5	134	0.423	1.03990	13.27	6.43
S00431818	2.5	129	0.364	-	-	-
S00431819	2.3	128	0.142	-	-	-
S00431820	0.8	116	1.851	-	-	-
S00431821	1.8	132	1.402	-	-	-
S00431822	2.1	136	2.024	-	-	-
S00431823	2.0	77	0.750	-	-	-
S00431824	2.4	35	0.028	-	-	-
S00431825	2.1	99	0.145	-	-	-
S00431826	2.0	113	0.976	-	-	-
S00431827	2.1	111	0.404	-	-	-
S00431828	1.3	79	0.199	2.29000	15.10	6.12
S00431829	2.0	101	0.387	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11629

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
S00431830	2.0	101	0.310	-	-	-
S00431831	2.0	88	0.167	-	-	-
S00431832	2.1	95	0.162	-	-	-
S00431833	2.1	89	0.447	-	-	-
S00431834	1.9	84	0.072	-	-	-
S00431835	1.5	78	0.063	-	-	-
S00431836	1.2	93	0.504	-	-	-
S00431837	0.7	32	0.308	-	-	-
S00431838	2.8	169	0.460	-	-	-
S00431839	2.3	129	0.667	-	-	-
S00431840	0.5	24	0.043	-	-	-
S00431841	2.3	146	0.741	-	-	-
S00431842	2.5	112	0.098	-	-	-
S00431843	2.4	114	0.081	-	-	-
S00431844	2.0	113	0.189	-	-	-
S00431845	1.8	113	0.102	-	-	-
S00431846	2.1	110	0.110	-	-	-
S00431847	2.1	131	1.319	-	-	-
S00431848	2.1	102	0.068	-	-	-
S00431849	1.9	135	0.094	-	-	-
S00431850	0.3	84	7.305	-	-	-
*Dup S00431839	2.4	126	0.709	-	-	-
*Rep PREP_BLANK	-	-	-	0.56000	17.18	6.97
*Blk BLANK	-	-	-	99.9900	<0.01	<0.01
*Std OREAS 751	-	-	-	0.69600	15.85	1.06
*Blk BLANK	<0.1	<5	-	-	-	-
*Std MP-2a	30.0	6071	-	-	-	-
*Rep S00431811	2.2	152	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11629

Element	Yb	Zn	@S	@LOI	@Al2O3	@CaO
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	0.005	-10	0.01	0.01
Upper Limit	1,000	50,000	30	100	100	60
Unit	ppm m / m	ppm m / m	%	%	%	%
*Std OREAS 623	1.8	10389	-	-	-	-
*Std OREAS 927	2.3	721	-	-	-	-
*Std OREAS 6 3	1.7	10476	-	-	-	-
*Rep S00431840	0.5	22	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 927	2.2	719	-	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Rep S00431816	-	-	0.532	-	-	-
*Std GS314-2	-	-	2.560	-	-	-
*Rep S00431844	-	-	0.177	-	-	-
*Std GS314-2	-	-	2.577	-	-	-
*Blk BLANK	-	-	0.009	-	-	-
*Std GS314-2	-	-	2.544	-	-	-
*Blk BLANK	-	-	<0.005	-	-	-
*Std GS314-2	-	-	2.515	-	-	-

Element	@Cr2O3	@Fe2O3	@K2O	@MgO	Mn3O4	@Na2O
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	5	100	70	100	100	60
Unit	%	%	%	%	%	%
S00431808	0.02	14.69	2.65	5.15	0.21	2.25
S00431817	0.01	14.86	1.65	4.03	0.19	1.99
S00431828	0.02	14.14	1.34	5.78	0.17	1.37
*Rep PREP_BLANK	<0.01	9.74	2.08	3.88	0.15	3.49
*Blk BLANK	<0.01	<0.01	<0.01	0.02	<0.01	<0.01
*Std OREAS 751	<0.01	2.42	2.93	0.54	0.09	3.41

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / 50 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11629

Element Method	@P2O5 GO_XRF72	@SiO2 GO_XRF72	@TiO2 GO_XRF72	@V2O5 GO_XRF72	Sum GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01
Upper Limit	55	100	100	10	100
Unit	%	%	%	%	%
S00431808	0.12	53.36	1.36	0.05	98.55
S00431817	0.13	55.12	1.38	0.05	99.97
S00431828	0.07	53.02	0.75	0.04	98.31
*Rep PREP_BLANK	0.36	54.22	1.32	0.02	99.68
*Blk BLANK	<0.01	<0.01	<0.01	<0.01	<0.01
*Std OREAS 751	0.27	71.45	0.23	<0.01	98.39

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11630

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO#Exploration	Date Received	29-Jul-2021
Project	Shakespeare exploration	Date Analysed	05-Aug-2021 - 08-Sep-2021
Submission Number	*SD* Shakespeare/ 51 Core	Date Completed	08-Sep-2021
Number of Samples	50	SGS Order Number	BBM21-11630

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431851	1.94	97	100	179	<5	6.70
S00431852	2.32	<5	<10	<5	<5	4.00
S00431853	0.85	<5	<10	<5	<5	8.52
S00431854	1.78	7	10	7	<5	7.96
S00431855	1.33	6	10	8	<5	6.85
S00431856	1.55	6	10	10	<5	7.36
S00431857	3.02	5	10	10	<5	8.07
S00431858	1.33	5	10	12	<5	7.59
S00431859	0.70	5	10	36	<5	6.88
S00431860	0.74	<5	<10	<5	<5	0.90
S00431861	0.90	<5	<10	<5	<5	0.88
S00431862	2.12	5	10	9	<5	7.84
S00431863	3.14	<5	10	9	<5	8.00
S00431864	3.26	<5	10	8	<5	7.89
S00431865	3.19	<5	20	11	<5	8.24
S00431866	3.07	<5	10	8	<5	7.91
S00431867	1.38	<5	10	8	<5	7.81
S00431868	0.86	<5	10	10	<5	8.34
S00431869	2.11	<5	10	12	<5	7.61
S00431870	0.11	66	440	588	<5	2.93
S00431871	3.50	5	10	14	<5	7.79
S00431872	3.30	7	10	9	<5	8.02
S00431873	3.30	7	10	11	<5	8.10
S00431874	1.40	6	10	10	<5	7.89
S00431875	2.03	6	10	12	<5	7.78
S00431876	3.16	<5	10	11	<5	8.35
S00431877	3.21	6	10	12	<5	8.06
S00431878	1.31	8	10	8	<5	7.70
S00431879	0.50	9	40	44	<5	7.62

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00431880	0.48	12	10	49	<5	7.24
S00431881	2.15	9	10	20	<5	7.91
S00431882	1.45	14	30	28	<5	8.12
S00431883	1.06	12	30	19	<5	8.04
S00431884	2.82	5	<10	9	<5	8.60
S00431885	2.93	<5	<10	8	<5	8.39
S00431886	1.68	6	<10	9	<5	8.36
S00431887	3.00	6	<10	8	<5	7.97
S00431888	1.14	6	<10	<5	<5	7.46
S00431889	0.92	<5	<10	<5	<5	6.68
S00431890	0.86	<5	<10	<5	<5	1.00
S00431891	0.89	<5	<10	<5	<5	4.35
S00431892	3.38	<5	<10	<5	<5	7.40
S00431893	0.76	11	<10	<5	<5	7.21
S00431894	3.04	<5	<10	<5	<5	6.96
S00431895	2.56	<5	<10	8	<5	7.29
S00431896	2.91	<5	<10	6	<5	7.41
S00431897	0.59	5	<10	12	<5	6.90
S00431898	2.13	<5	<10	6	<5	6.77
S00431899	1.13	<5	<10	<5	<5	7.01
S00431900	0.11	40	540	946	<5	1.36
*Dup S00431888	-	6	<10	<5	<5	7.52
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.64
*Std OREAS 623	-	-	-	-	21	5.07
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00431866	-	-	-	-	<5	8.16
*Std MP-2a	-	-	-	-	6	6.32
*Rep S00431889	-	-	-	-	<5	6.58

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11630

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Rep S00431900	-	-	-	-	<5	1.37
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP a	-	-	-	-	<5	5.75
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431866	-	<5	10	8	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431899	-	<5	<10	<5	-	-
*Std OREAS 681	-	52	510	236	-	-
*Std OREAS 680	-	158	400	218	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431851	101	446	1	4.5	4.1	0.5
S00431852	4	210	<1	<0.1	0.7	<0.2
S00431853	3	414	2	0.1	2.6	<0.2
S00431854	<3	711	<1	0.1	3.5	<0.2
S00431855	4	482	<1	0.2	5.7	0.2
S00431856	16	243	<1	0.1	6.7	<0.2
S00431857	4	150	<1	0.2	6.8	<0.2
S00431858	<3	221	<1	0.2	8.8	0.3
S00431859	<3	285	<1	0.4	13.0	0.4
S00431860	<3	75	<1	<0.1	22.2	<0.2
S00431861	<3	85	<1	<0.1	21.2	0.2
S00431862	3	232	<1	0.1	6.2	<0.2
S00431863	23	185	<1	0.1	7.0	<0.2
S00431864	8	183	<1	0.1	5.9	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431865	8	231	<1	0.2	6.5	0.2
S00431866	4	252	1	0.1	6.0	<0.2
S00431867	7	221	<1	0.1	8.4	<0.2
S00431868	<3	222	<1	0.2	7.7	<0.2
S00431869	4	256	1	0.2	5.8	0.2
S00431870	211	90	<1	0.1	3.1	0.4
S00431871	8	254	1	0.1	5.9	<0.2
S00431872	5	229	<1	0.1	6.1	0.2
S00431873	3	209	<1	0.1	6.2	<0.2
S00431874	<3	392	<1	0.1	6.4	0.2
S00431875	<3	271	1	0.2	6.4	<0.2
S00431876	<3	258	<1	0.2	6.5	0.3
S00431877	4	252	<1	0.2	5.9	0.3
S00431878	<3	202	<1	0.3	6.1	<0.2
S00431879	6	225	<1	0.6	7.2	1.1
S00431880	<3	266	<1	0.3	6.8	0.5
S00431881	<3	177	<1	0.3	6.2	0.2
S00431882	<3	245	<1	0.2	6.1	0.3
S00431883	4	195	<1	0.2	6.5	0.3
S00431884	4	180	<1	0.1	6.8	<0.2
S00431885	6	213	<1	<0.1	6.8	0.4
S00431886	<3	236	<1	0.1	5.8	0.5
S00431887	<3	200	<1	0.1	5.9	<0.2
S00431888	<3	178	1	0.2	5.2	<0.2
S00431889	<3	90	1	0.2	6.1	<0.2
S00431890	<3	73	<1	<0.1	21.6	0.3
S00431891	<3	67	<1	<0.1	6.1	0.3
S00431892	<3	156	<1	0.1	7.2	0.3
S00431893	<3	139	1	0.2	6.3	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11630

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431894	<3	118	1	0.1	6.4	<0.2
S00431895	<3	91	1	0.2	6.2	0.2
S00431 96	<3	134	1	0.2	6.1	<0.2
S00431897	<3	76	<1	1.0	6.7	0.3
S00431898	<3	182	1	0.3	6.0	<0.2
S00431899	<3	226	1	0.3	6.4	0.3
S00431900	5	14	<1	0.5	1.0	0.7
*Dup S00431888	<3	208	1	0.2	5.3	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std OREAS 927	17	299	2	62.7	0.5	1.1
*Std OREAS 623	71	1485	1	15.9	1.3	52.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.4
*Rep S00431866	7	260	1	0.1	6.0	0.3
*Std MP-2a	5356	<10	2	888	3.1	15.1
*Rep S00431889	<3	94	1	0.1	6.0	<0.2
*Rep S00431900	4	16	<1	0.5	1.0	0.7
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.2
*Std MP-2a	5431	<10	1	967	3.3	15.9

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431851	92.1	74	9.7	1770	10.21	1.9
S00431852	9.0	40	0.7	39	1.21	0.6
S00431853	37.2	57	4.4	83	4.09	1.7
S00431854	63.2	99	19.4	25	11.33	4.6
S00431855	51.6	28	14.5	175	9.01	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 51 Core
50

ANALYSIS REPORT BBM21-11630

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431856	58.0	30	6.5	149	9.53	1.4
S00431857	56.7	28	3.5	133	10.32	0.9
S00431858	53.9	33	3.9	185	9.77	1.1
S00431859	217	39	5.4	251	14.02	1.4
S00431860	2.5	27	0.3	19	0.69	0.4
S00431861	2.1	25	0.3	15	0.66	0.5
S00431862	47.9	31	3.6	127	8.75	1.1
S00431863	62.6	33	2.7	88	9.09	0.8
S00431864	47.4	34	2.1	130	8.74	0.7
S00431865	51.7	42	2.2	134	9.48	0.8
S00431866	48.0	33	3.1	144	9.19	0.9
S00431867	43.9	25	3.5	94	8.11	0.9
S00431868	52.3	35	3.4	99	10.13	0.9
S00431869	52.5	68	3.5	119	9.99	1.1
S00431870	205	2876	2.3	2940	11.27	0.2
S00431871	51.9	30	2.6	120	9.23	1.0
S00431872	53.3	29	2.6	211	9.65	1.0
S00431873	50.6	37	2.6	184	9.10	0.9
S00431874	49.3	38	6.6	300	8.84	1.7
S00431875	46.3	38	3.9	206	8.47	1.1
S00431876	46.7	42	2.3	218	8.81	1.0
S00431877	48.5	39	2.8	154	8.95	0.9
S00431878	49.8	29	2.9	360	9.52	1.0
S00431879	103	86	3.6	2587	9.21	1.1
S00431880	67.6	65	4.1	1004	8.22	1.2
S00431881	45.0	38	2.1	198	8.41	0.8
S00431882	54.2	36	2.8	408	9.38	1.0
S00431883	62.1	72	2.2	400	9.21	0.8
S00431884	49.4	138	1.8	106	8.24	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 51 Core
50

ANALYSIS REPORT BBM21-11630

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431885	49.8	143	1.9	128	8.02	0.8
S00431886	49.8	147	2.4	340	8.09	1.0
S00431887	45.4	153	2.4	110	7.63	0.9
S00431888	48.5	<20	1.8	454	8.79	0.6
S00431889	67.4	75	0.8	176	10.71	0.5
S00431890	2.7	34	0.3	14	0.78	0.5
S00431891	58.4	70	0.6	91	7.57	0.4
S00431892	60.0	85	0.8	104	11.86	0.7
S00431893	54.7	90	0.8	628	10.25	0.6
S00431894	54.4	66	0.9	126	11.19	0.6
S00431895	52.9	89	1.0	106	10.82	0.6
S00431896	54.5	89	1.7	128	10.76	0.7
S00431897	89.6	86	0.8	533	8.79	0.3
S00431898	49.7	75	3.3	76	10.51	0.9
S00431899	48.2	74	4.1	76	10.96	1.1
S00431900	330	3403	0.2	4368	16.17	<0.1
*Dup S00431888	48.1	27	2.2	399	9.06	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	31.8	82	5.1	11406	8.98	1.8
*Std OREAS 623	220	40	2.7	16947	12.85	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00431866	49.8	32	3.1	142	9.19	0.9
*Std MP-2a	5.9	148	6.0	459	5.17	1.2
*Rep S00431889	67.2	74	0.7	175	10.68	0.5
*Rep S00431900	340	3492	0.2	4387	16.52	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std MP-2a	5.4	160	6.2	464	5.03	1.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431851	15.6	29	2.65	1093	<2	1171
S00431852	27.7	<5	0.21	108	2	18
S00431853	49.0	16	0.98	368	4	40
S00431854	14.3	31	3.14	1229	<2	77
S00431855	11.5	24	2.92	1258	<2	69
S00431856	12.1	19	3.09	1416	<2	77
S00431857	12.1	12	3.43	1523	<2	79
S00431858	17.2	14	2.93	1675	<2	79
S00431859	10.2	16	2.79	1772	<2	2770
S00431860	6.0	27	9.16	439	<2	18
S00431861	5.8	7	9.66	388	<2	15
S00431862	11.6	15	3.32	1324	<2	88
S00431863	12.3	10	3.15	1467	<2	81
S00431864	12.8	14	3.02	1268	<2	68
S00431865	13.9	14	3.05	1390	<2	72
S00431866	14.8	10	2.61	1258	<2	60
S00431867	13.0	11	2.03	1316	<2	43
S00431868	15.9	20	2.69	1420	<2	62
S00431869	12.7	15	3.21	1431	<2	71
S00431870	3.8	27	13.95	1334	<2	3823
S00431871	12.3	14	2.95	1372	<2	69
S00431872	14.9	12	2.85	1414	<2	64
S00431873	13.2	11	3.04	1341	<2	70
S00431874	13.4	23	3.04	1327	<2	74
S00431875	10.0	19	3.07	1274	<2	67
S00431876	12.3	13	3.18	1340	<2	79
S00431877	14.1	12	3.15	1304	<2	71
S00431878	17.1	11	2.98	1313	<2	66
S00431879	14.1	15	2.60	1088	2	272

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431880	11.5	15	2.53	1071	<2	157
S00431881	10.3	12	3.38	1219	<2	95
S00431882	16.1	15	3.14	1240	<2	81
S00431883	11.8	13	3.63	1324	<2	162
S00431884	10.0	11	4.09	1292	<2	106
S00431885	10.0	16	3.97	1301	<2	107
S00431886	8.9	17	4.03	1248	<2	111
S00431887	8.4	16	3.87	1218	<2	98
S00431888	24.1	13	1.71	1069	<2	33
S00431889	13.8	9	3.56	1593	<2	83
S00431890	5.9	7	9.04	430	<2	18
S00431891	9.7	7	2.24	1221	2	88
S00431892	16.7	15	3.85	1746	<2	62
S00431893	15.2	14	3.47	1614	<2	63
S00431894	12.7	11	3.62	1708	<2	56
S00431895	15.3	14	3.60	1505	<2	95
S00431896	16.6	13	3.50	1486	<2	86
S00431897	16.3	8	2.32	1056	<2	185
S00431898	15.5	15	3.86	1527	<2	84
S00431899	12.6	15	3.96	1548	<2	78
S00431900	1.3	<5	14.73	996	3	15206
*Dup S00431888	24.0	10	1.76	1105	3	71
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	34.4	33	2.17	1177	<2	31
*Std OREAS 623	24.4	14	1.20	560	9	17
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00431866	15.1	11	2.70	1264	<2	64
*Std MP-2a	165	86	0.10	1028	1689	11
*Rep S00431889	13.7	10	3.44	1569	<2	81

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11630

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00431900	1.3	<5	14.64	1027	3	15355
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP a	168	88	0.10	1079	1658	14

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431851	0.04	35	<1	<1	23.2	<50
S00431852	0.01	10	<1	<1	>40.0	<50
S00431853	0.02	23	<1	<1	30.1	<50
S00431854	0.05	8	<1	<1	23.0	<50
S00431855	0.06	9	<1	<1	22.7	<50
S00431856	0.04	8	<1	<1	24.0	<50
S00431857	0.04	9	<1	<1	26.9	<50
S00431858	0.05	8	<1	<1	23.3	<50
S00431859	0.04	11	4	1	15.6	<50
S00431860	0.02	7	<1	<1	6.1	<50
S00431861	0.01	7	<1	<1	5.3	<50
S00431862	0.04	7	<1	<1	23.4	<50
S00431863	0.04	8	<1	<1	23.2	<50
S00431864	0.04	9	<1	<1	24.6	<50
S00431865	0.04	9	<1	<1	26.1	<50
S00431866	0.05	7	<1	<1	25.2	<50
S00431867	0.04	10	<1	<1	25.7	<50
S00431868	0.04	11	<1	<1	24.1	<50
S00431869	0.04	7	<1	<1	24.2	<50
S00431870	0.03	5	2	3	18.4	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Project
Submission Number
Number of Samples

PO#Exploration
Shakespeare exploration
SD Shakespeare/ 51 Core
50

ANALYSIS REPORT BBM21-11630

Element Method Lower Limit Upper Limit Unit	P GE_IMS90A50 0.01 25 %	Pb GE_IMS90A50 2 50,000 ppm m / m	S GE_IMS90A50 1 25 %	Sb GE_IMS90A50 1 10,000 ppm m / m	Si GE_IMS90A50 0.1 40 %	Sn GE_IMS90A50 50 10,000 ppm m / m
S00431871	0.04	7	<1	<1	25.2	<50
S00431872	0.04	8	<1	<1	26.0	<50
S00431873	0.04	8	<1	<1	25.4	<50
S00431874	0.04	5	<1	<1	22.6	<50
S00431875	0.04	7	<1	<1	23.3	<50
S00431876	0.03	9	<1	<1	25.1	<50
S00431877	0.04	7	<1	<1	26.2	<50
S00431878	0.05	8	<1	<1	26.7	<50
S00431879	0.04	11	1	<1	24.2	53
S00431880	0.03	11	<1	<1	26.0	<50
S00431881	0.04	10	<1	<1	26.0	<50
S00431882	0.05	8	<1	<1	26.8	<50
S00431883	0.03	7	<1	<1	25.9	<50
S00431884	0.03	8	<1	<1	25.8	<50
S00431885	0.04	7	<1	<1	26.0	<50
S00431886	0.02	7	<1	<1	26.7	<50
S00431887	0.03	10	<1	<1	27.2	<50
S00431888	0.08	7	<1	<1	27.9	<50
S00431889	0.08	6	<1	<1	26.4	<50
S00431890	0.02	6	<1	<1	6.3	<50
S00431891	0.08	5	<1	<1	30.4	<50
S00431892	0.08	125	<1	<1	24.2	<50
S00431893	0.07	8	<1	<1	24.4	<50
S00431894	0.08	5	<1	<1	23.8	<50
S00431895	0.08	7	<1	<1	24.0	<50
S00431896	0.07	9	<1	<1	24.9	<50
S00431897	0.06	11	1	2	25.0	<50
S00431898	0.09	6	<1	<1	23.0	<50
S00431899	0.07	6	<1	<1	22.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431900	0.01	14	8	2	14.2	<50
*Dup S00431888	0.08	7	<1	<1	28.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.06	224	2	2	29.7	<50
*Std OREAS 623	0.04	2265	9	26	22.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00431866	0.04	8	<1	<1	25.6	<50
*Std MP-2a	0.01	2526	<1	7	33.0	589
*Rep S00431889	0.08	9	<1	<1	26.0	<50
*Rep S00431900	<0.01	13	8	2	14.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.02	2764	<1	7	32.4	552

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431851	114	2	1.06	315	<5	16.5
S00431852	127	<1	0.07	14	<5	6.8
S00431853	333	<1	0.28	93	<5	23.0
S00431854	123	<1	0.62	252	<5	19.1
S00431855	140	<1	0.57	240	<5	18.7
S00431856	213	<1	0.60	252	<5	20.2
S00431857	234	<1	0.62	262	<5	20.9
S00431858	206	<1	0.68	228	<5	26.3
S00431859	204	<1	0.48	187	<5	17.4
S00431860	173	<1	0.05	10	<5	6.3
S00431861	157	<1	0.05	10	<5	6.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431862	197	<1	0.52	241	<5	17.6
S00431863	197	<1	0.53	229	<5	18.8
S00431864	212	<1	0.55	217	<5	18.8
S00431865	222	<1	0.60	233	<5	20.9
S00431866	209	<1	0.66	231	<5	22.3
S00431867	243	<1	0.56	211	<5	22.2
S00431868	253	<1	0.67	273	<5	27.2
S00431869	174	<1	0.56	246	<5	20.0
S00431870	29	1	0.32	130	<5	8.4
S00431871	191	<1	0.56	242	<5	19.8
S00431872	204	<1	0.64	270	<5	21.4
S00431873	210	<1	0.58	247	<5	19.8
S00431874	149	<1	0.62	240	<5	20.7
S00431875	160	<1	0.53	205	<5	17.0
S00431876	210	<1	0.62	244	<5	18.6
S00431877	197	<1	0.60	226	<5	19.3
S00431878	207	<1	0.81	270	<5	23.9
S00431879	189	<1	0.49	202	7	14.7
S00431880	175	<1	0.46	213	<5	14.7
S00431881	208	<1	0.57	243	<5	17.2
S00431882	184	<1	0.69	253	<5	23.4
S00431883	190	<1	0.54	233	<5	19.0
S00431884	206	<1	0.47	207	<5	16.1
S00431885	171	<1	0.49	219	<5	16.9
S00431886	166	<1	0.50	220	<5	16.0
S00431887	171	<1	0.43	197	<5	14.1
S00431888	204	<1	0.92	200	<5	31.3
S00431889	195	<1	1.18	345	<5	25.5
S00431890	163	<1	0.06	14	<5	7.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11630

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431891	133	<1	0.85	231	<5	17.0
S00431892	233	<1	1.43	423	<5	29.5
S00431893	234	<1	1.26	289	<5	28.1
S00431894	193	<1	1.31	379	<5	26.2
S00431895	224	<1	1.21	377	<5	27.1
S00431896	214	<1	1.28	390	<5	26.2
S00431897	398	<1	0.81	284	<5	21.1
S00431898	207	<1	1.29	364	<5	26.0
S00431899	228	<1	1.29	378	<5	23.3
S00431900	11	1	0.09	74	<5	3.5
*Dup S00431888	199	<1	0.93	205	<5	31.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	32	<1	0.33	78	8	23.4
*Std OREAS 623	81	<1	0.14	24	<5	16.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00431866	210	<1	0.66	230	<5	22.7
*Std MP-2a	15	6	0.03	<5	3442	242
*Rep S00431889	194	<1	1.19	347	<5	24.7
*Rep S00431900	11	1	0.10	75	<5	3.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	18	6	0.03	<5	3524	239

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431851	1.6	134	0.654
S00431852	0.5	17	0.066

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11630

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431853	1.5	53	0.328
S00431854	1.9	154	0.035
S00431855	1.9	111	0.030
S00431856	2.0	108	0.056
S00431857	2.0	120	0.054
S00431858	2.6	121	0.112
S00431859	1.6	93	3.472
S00431860	0.5	42	0.015
S00431861	0.5	42	0.011
S00431862	1.8	104	0.033
S00431863	1.7	112	0.014
S00431864	2.0	107	0.021
S00431865	2.1	114	0.036
S00431866	2.2	104	0.052
S00431867	2.2	85	0.087
S00431868	2.7	109	0.080
S00431869	2.0	113	0.016
S00431870	0.8	116	1.748
S00431871	2.0	107	0.022
S00431872	2.1	110	0.082
S00431873	1.9	102	0.103
S00431874	2.3	100	0.216
S00431875	1.8	97	0.115
S00431876	1.8	93	0.191
S00431877	2.0	103	0.053
S00431878	2.2	100	0.297
S00431879	1.4	132	1.357
S00431880	1.6	100	0.693
S00431881	1.7	91	0.094
S00431882	2.3	101	0.203
S00431883	1.9	97	0.230

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ 51 Core
 Number of Sample 50

ANALYSIS REPORT BBM21-11630

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431884	1.6	92	0.020
S00431885	1.5	96	0.047
S00431886	1.4	96	0.053
S00431887	1.4	92	0.026
S00431888	3.1	82	0.747
S00431889	2.4	126	0.477
S00431890	0.6	39	0.018
S00431891	1.6	89	0.513
S00431892	2.8	147	0.127
S00431893	2.6	144	0.242
S00431894	2.3	139	0.159
S00431895	2.6	136	0.121
S00431896	2.4	129	0.134
S00431897	2.1	114	1.081
S00431898	2.7	143	0.074
S00431899	2.3	137	0.043
S00431900	0.4	107	7.254
*Dup S00431888	3.1	82	0.660
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.1	747	-
*Std OREAS 623	1.7	9748	-
*Blk BLANK	<0.1	<5	-
*Rep S00431866	2.2	105	-
*Std MP-2a	30.3	5917	-
*Rep S00431889	2.4	126	-
*Rep S00431900	0.4	98	-
*Blk BLANK	<0.1	<5	-
*Std MP-2a	28.6	5952	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.561
*Rep S00431869	-	-	0.015

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO#Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ 51 Core
Number of Sample 50

ANALYSIS REPORT BBM21-11630

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std GS314-2	-	-	2.575
*Blk BLANK	-	-	<0.005
*Rep S00431894	-	-	0.157

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11716

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	03-Aug-2021
Project	Shakespeare exploration	Date Analysed	12-Aug-2021 - 13-Oct-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	13-Oct-2021
Core		SGS Order Number	BBM21-11716
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431901	0.88	8	<10	<5	<5	4.66
S00431902	1.18	<5	<10	<5	<5	3.82
S00431903	1.87	<5	<10	6	<5	6.77
S00431904	1.90	<5	<10	<5	<5	9.06
S00431905	1.63	<5	<10	<5	<5	3.12
S00431906	2.51	<5	<10	<5	<5	4.47
S00431907	2.01	<5	<10	<5	<5	4.38
S00431908	2.10	43	70	95	<5	5.53
S00431909	2.20	96	160	201	<5	6.86
S00431910	0.81	<5	<10	<5	<5	0.76
S00431911	0.77	31	70	59	<5	6.19
S00431912	2.09	15	30	61	<5	7.08
S00431913	2.58	14	30	66	<5	6.92
S00431914	1.17	19	40	72	<5	6.75
S00431915	3.12	9	30	47	<5	7.18
S00431916	2.58	10	20	40	<5	6.89
S00431917	3.59	8	20	50	<5	7.13
S00431918	1.70	23	20	51	<5	5.88
S00431919	3.31	8	30	46	<5	7.12
S00431920	0.11	66	460	556	<5	2.72
S00431921	2.60	6	20	33	<5	7.21
S00431922	1.96	5	20	36	<5	7.32
S00431923	1.75	5	20	44	<5	7.37
S00431924	1.59	9	30	59	<5	7.18
S00431925	1.86	11	20	53	<5	6.74
S00431926	0.66	25	40	123	<5	6.33
S00431927	2.65	21	30	87	<5	6.75
S00431928	2.95	8	30	51	<5	7.09
S00431929	1.01	6	10	23	<5	7.51

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431930	1.35	7	10	24	<5	7.34
S00431931	1.32	8	10	33	<5	7.51
S00431932	0.66	26	20	38	<5	7.42
S00431933	2.92	8	20	30	<5	7.63
S00431934	3.12	<5	<10	<5	<5	6.69
S00431935	1.47	33	60	70	<5	7.31
S00431936	2.91	9	30	18	<5	7.34
S00431937	2.56	14	30	41	<5	7.01
S00431938	1.72	14	30	46	<5	6.94
S00431939	1.20	<5	<10	<5	<5	6.58
S00431940	0.92	<5	<10	<5	<5	0.81
S00431941	1.88	<5	<10	<5	<5	6.94
S00431942	1.89	31	50	55	<5	6.37
S00431943	2.03	15	30	30	<5	6.94
S00431944	2.60	64	130	122	<5	6.92
S00431945	2.18	291	570	604	<5	6.51
S00431946	2.41	255	530	543	<5	6.92
S00431947	1.82	243	460	531	<5	7.32
S00431948	2.17	244	410	532	<5	7.21
S00431949	2.20	253	540	571	<5	7.21
S00431950	0.11	29	520	890	<5	1.46
*Dup S00431939	-	<5	<10	<5	<5	6.51
*Rep S00431907	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	52	530	235	-	-
*Std OREAS 680	-	159	420	227	-	-
*Rep S00431949	-	257	550	562	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 927	-	-	-	-	<5	6.32

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
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Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std MP-2a	-	-	-	-	<5	6.07
*Std OREAS 623	-	-	-	-	22	5.27
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	5	5.97
*Std OREAS 623	-	-	-	-	21	5.16
*Rep S00431919	-	-	-	-	<5	7.09
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.18
*Rep S00431924	-	-	-	-	<5	6.98

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431901	<3	64	<1	0.6	6.6	1.0
S00431902	<3	68	<1	0.2	4.1	<0.2
S00431903	<3	208	1	0.3	5.4	<0.2
S00431904	<3	363	2	0.3	2.3	0.2
S00431905	6	258	<1	<0.1	0.5	<0.2
S00431906	13	758	<1	0.4	0.6	0.3
S00431907	5	589	<1	0.1	0.6	<0.2
S00431908	10	154	<1	2.7	4.4	0.4
S00431909	34	201	<1	6.2	4.8	0.4
S00431910	<3	59	<1	0.1	20.4	0.2
S00431911	<3	153	<1	1.4	4.2	0.4
S00431912	<3	250	<1	0.6	5.4	0.2
S00431913	<3	199	<1	0.5	5.4	0.3

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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431914	<3	179	<1	0.5	5.3	0.4
S00431915	<3	196	<1	0.3	5.0	0.5
S00431916	<3	314	<1	0.3	5.1	0.2
S00431917	7	235	<1	0.3	5.5	0.2
S00431918	<3	141	<1	0.4	5.1	0.5
S00431919	<3	221	<1	0.2	5.6	<0.2
S00431920	176	89	<1	0.1	3.3	0.5
S00431921	<3	215	<1	0.2	5.8	0.3
S00431922	<3	190	<1	0.3	5.7	0.2
S00431923	<3	212	<1	0.2	5.5	0.2
S00431924	<3	165	<1	0.2	5.6	0.2
S00431925	5	216	<1	0.3	5.6	0.3
S00431926	9	174	<1	0.4	5.6	0.4
S00431927	6	200	<1	0.3	5.8	0.5
S00431928	<3	228	<1	0.2	5.9	0.4
S00431929	5	186	<1	0.1	6.4	0.3
S00431930	3	186	<1	0.2	6.4	0.3
S00431931	18	164	<1	0.2	5.1	0.3
S00431932	11	195	<1	0.3	5.4	0.8
S00431933	7	201	<1	0.2	6.0	0.3
S00431934	<3	156	<1	0.2	6.9	0.2
S00431935	4	200	<1	1.7	6.3	0.4
S00431936	<3	247	<1	0.4	6.3	0.4
S00431937	<3	141	<1	0.9	6.0	0.4
S00431938	<3	163	<1	0.9	6.2	0.3
S00431939	<3	76	1	0.2	6.3	0.2
S00431940	<3	67	<1	0.1	21.2	0.2
S00431941	<3	123	1	0.4	6.6	0.3
S00431942	5	197	<1	2.2	6.8	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431943	<3	209	1	1.2	6.0	0.3
S00431944	<3	248	1	4.4	5.5	0.4
S00431945	130	162	<1	18.5	4.7	1.4
S00431946	72	170	<1	17.6	4.6	1.4
S00431947	57	165	<1	16.4	4.8	1.1
S00431948	45	147	<1	18.0	4.9	1.1
S00431949	57	172	<1	17.9	5.0	1.1
S00431950	4	16	<1	0.6	1.1	0.7
*Dup S00431939	<3	74	1	0.2	6.3	0.2
*Std OREAS 927	15	269	2	62.2	0.5	1.0
*Std MP-2a	5468	<10	1	958	3.3	14.6
*Std OREAS 623	75	1248	1	18.9	1.5	49.5
*Blk BLANK	<3	<10	<1	0.2	0.1	0.5
*Std MP-2a	5357	11	1	>1000	3.3	14.8
*Std OREAS 623	73	1456	1	18.5	1.5	50.6
*Rep S00431919	<3	220	<1	0.3	5.6	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.5
*Std OREAS 927	15	334	2	57.8	0.6	1.1
*Rep S00431924	<3	167	<1	0.2	5.7	0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431901	23.0	76	1.1	2418	4.37	0.4
S00431902	26.3	56	1.5	160	6.17	0.4
S00431903	49.8	84	3.9	161	9.77	1.1

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431904	28.0	190	2.4	401	5.45	1.1
S00431905	4.4	75	0.2	<5	0.75	0.6
S00431906	12.9	147	0.4	7	1.62	1.1
S00431907	5.3	107	0.3	<5	0.85	1.0
S00431908	104	356	3.2	1260	11.07	0.8
S00431909	129	186	3.4	1241	11.06	1.0
S00431910	3.1	<20	0.3	14	0.87	0.4
S00431911	90.1	134	2.5	2245	8.57	0.7
S00431912	54.7	160	1.8	444	8.61	0.9
S00431913	57.8	165	1.5	476	8.42	0.7
S00431914	58.7	160	1.6	843	8.52	0.7
S00431915	53.3	153	1.3	103	8.37	0.8
S00431916	49.4	144	2.2	185	7.68	1.1
S00431917	61.1	183	1.9	296	8.80	0.9
S00431918	58.7	185	1.3	1543	8.17	0.6
S00431919	57.7	132	2.5	221	9.21	0.9
S00431920	196	2732	2.3	2844	10.47	0.2
S00431921	54.7	106	2.2	223	9.02	0.9
S00431922	55.5	123	1.9	207	8.95	0.8
S00431923	59.6	141	2.1	235	9.02	0.9
S00431924	64.2	172	2.2	366	9.22	0.7
S00431925	62.1	139	2.9	497	8.84	0.9
S00431926	68.1	137	2.5	1082	9.63	0.8
S00431927	66.3	121	2.8	857	9.39	0.9
S00431928	58.9	95	3.0	461	8.76	1.0
S00431929	52.9	98	2.2	397	7.75	0.8
S00431930	52.1	95	2.2	461	7.83	0.8
S00431931	52.6	71	0.9	469	6.56	0.6
S00431932	57.3	70	0.6	3048	6.59	0.6

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 Project Shakespeare exploration
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431933	47.5	66	1.2	370	6.97	0.8
S00431934	53.6	56	1.1	116	10.63	0.6
S00431935	77.5	130	1.3	846	9.08	0.6
S00431936	48.3	69	0.8	266	8.22	0.8
S00431937	59.4	91	1.1	404	8.89	0.5
S00431938	54.6	72	1.5	300	9.05	0.5
S00431939	50.5	59	0.6	151	10.08	0.3
S00431940	2.4	<20	0.3	14	0.85	0.4
S00431941	55.6	65	0.6	400	11.29	0.6
S00431942	85.0	136	1.7	1253	9.74	0.8
S00431943	59.1	96	2.3	478	9.78	0.8
S00431944	116	174	3.5	1271	10.48	1.0
S00431945	295	170	1.3	7130	12.74	0.6
S00431946	276	169	1.5	6403	12.21	0.5
S00431947	269	169	1.5	5264	11.51	0.6
S00431948	272	175	1.3	6048	12.28	0.6
S00431949	293	168	1.6	5557	12.14	0.6
S00431950	349	3112	0.2	4321	16.43	<0.1
*Dup S00431939	50.5	58	0.5	150	10.27	0.4
*Std OREAS 927	30.6	64	4.9	10712	8.36	1.8
*Std MP-2a	5.9	147	5.6	456	5.12	1.3
*Std OREAS 623	221	30	2.7	17155	13.02	1.5
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std MP-2a	6.0	144	6.1	456	5.20	1.3
*Std OREAS 623	224	31	2.9	17295	12.97	1.5
*Rep S00431919	57.5	135	2.6	223	9.06	0.9
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 927	30.0	66	5.6	10605	8.13	1.8
*Rep S00431924	62.2	158	2.1	359	9.19	0.7

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431901	12.0	<5	0.90	669	4	60
S00431902	8.1	10	2.28	991	<2	61
S00431903	15.9	16	3.47	1321	<2	101
S00431904	11.1	22	2.32	666	2	94
S00431905	3.0	9	0.28	83	3	19
S00431906	2.6	17	0.66	167	5	36
S00431907	21.7	15	0.31	95	4	26
S00431908	12.1	28	5.39	1515	<2	813
S00431909	15.6	27	4.39	1397	3	1569
S00431910	5.0	16	9.45	424	<2	23
S00431911	21.2	24	3.07	1052	<2	911
S00431912	11.8	22	4.16	1384	2	200
S00431913	12.9	21	4.27	1341	<2	218
S00431914	12.3	23	4.24	1331	<2	238
S00431915	13.0	31	4.34	1284	<2	242
S00431916	13.1	24	3.86	1204	<2	149
S00431917	13.4	22	4.36	1346	<2	165
S00431918	11.7	17	3.93	1259	<2	172
S00431919	13.5	17	4.16	1417	<2	158
S00431920	3.8	26	14.57	1322	<2	3819
S00431921	12.9	16	3.85	1403	<2	139
S00431922	13.5	15	4.08	1463	<2	137
S00431923	12.2	18	4.14	1436	<2	177
S00431924	11.3	20	4.42	1482	<2	249
S00431925	12.5	16	4.11	1497	<2	254
S00431926	11.4	15	4.63	1565	<2	414
S00431927	11.8	21	4.36	1519	<2	296
S00431928	12.0	19	4.17	1450	<2	176

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431929	9.1	17	4.18	1305	<2	166
S00431930	9.0	16	4.15	1296	<2	164
S00431931	11.6	16	3.89	1054	<2	154
S00431932	9.6	10	3.70	1034	<2	164
S00431933	13.0	13	3.79	1190	<2	124
S00431934	17.6	9	3.54	1663	<2	109
S00431935	12.5	13	3.86	1337	2	585
S00431936	11.4	11	3.98	1317	<2	154
S00431937	13.5	7	3.84	1343	<2	258
S00431938	14.1	8	3.78	1320	<2	199
S00431939	18.1	12	3.55	1558	<2	80
S00431940	5.8	12	9.35	401	<2	18
S00431941	16.7	18	3.68	1719	<2	65
S00431942	14.7	21	3.45	1297	2	587
S00431943	15.9	21	3.37	1466	2	301
S00431944	16.5	24	3.47	1406	5	1258
S00431945	11.4	23	4.23	1398	8	5322
S00431946	11.3	21	4.13	1346	7	4671
S00431947	11.4	13	4.26	1368	7	4264
S00431948	10.8	9	4.38	1363	7	4450
S00431949	10.4	10	4.16	1318	8	4844
S00431950	1.3	<5	15.62	1034	2	15771
*Dup S00431939	17.9	12	3.51	1550	<2	86
*Std OREAS 927	36.6	30	2.08	1163	<2	35
*Std MP-2a	162	87	0.10	1070	1606	19
*Std OREAS 623	26.6	16	1.21	618	10	22
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std MP-2a	158	91	0.10	1081	1595	18
*Std OREAS 623	25.7	27	1.24	612	9	22

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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00431919	13.3	14	4.20	1412	<2	164
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	37.7	34	2.14	1151	<2	35
*Rep S00431924	11.3	16	4.28	1447	<2	238

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431901	0.04	15	<1	<1	33.0	<50
S00431902	0.06	6	<1	<1	31.3	<50
S00431903	0.08	8	<1	<1	25.0	<50
S00431904	0.03	11	<1	<1	28.8	<50
S00431905	0.01	4	<1	<1	>40.0	<50
S00431906	0.02	6	<1	<1	38.6	<50
S00431907	0.02	4	<1	<1	37.1	<50
S00431908	0.05	6	<1	<1	24.2	<50
S00431909	0.07	8	<1	<1	22.7	<50
S00431910	0.02	6	<1	<1	5.5	<50
S00431911	0.06	8	<1	<1	27.1	<50
S00431912	0.04	7	<1	<1	24.0	<50
S00431913	0.04	7	<1	<1	24.2	<50
S00431914	0.04	6	<1	<1	23.9	<50
S00431915	0.04	7	<1	<1	23.8	<50
S00431916	0.05	5	<1	<1	24.5	<50
S00431917	0.04	6	<1	<1	24.1	<50
S00431918	0.04	5	<1	<1	25.8	<50

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Order Number Exploration
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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431919	0.04	5	<1	<1	24.4	<50
S00431920	0.03	5	2	4	17.7	<50
S00431921	0.04	5	<1	<1	24.5	<50
S00431922	0.05	6	<1	<1	24.9	<50
S00431923	0.04	5	<1	<1	24.3	<50
S00431924	0.04	5	<1	<1	24.3	<50
S00431925	0.04	5	<1	<1	23.4	<50
S00431926	0.04	4	<1	<1	24.0	<50
S00431927	0.04	5	<1	<1	23.9	<50
S00431928	0.04	5	<1	<1	24.3	<50
S00431929	0.02	6	<1	<1	24.2	<50
S00431930	0.02	6	<1	<1	24.0	<50
S00431931	0.03	6	<1	<1	25.9	<50
S00431932	0.03	8	<1	<1	25.8	<50
S00431933	0.03	7	<1	<1	24.8	<50
S00431934	0.10	5	<1	<1	22.3	<50
S00431935	0.04	8	<1	<1	23.6	<50
S00431936	0.05	6	<1	<1	23.1	<50
S00431937	0.05	7	<1	<1	22.6	<50
S00431938	0.05	7	<1	<1	22.9	<50
S00431939	0.09	6	<1	<1	21.3	<50
S00431940	0.03	9	<1	<1	6.2	<50
S00431941	0.10	6	<1	<1	23.9	<50
S00431942	0.04	8	<1	<1	24.4	<50
S00431943	0.07	7	<1	<1	25.2	<50
S00431944	0.06	8	1	<1	26.1	<50
S00431945	0.04	9	4	<1	23.4	<50
S00431946	0.03	9	4	<1	23.4	<50
S00431947	0.03	9	2	<1	21.8	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431948	0.03	9	2	<1	21.9	<50
S00431949	0.02	11	4	<1	21.3	<50
S00431950	0.01	14	8	2	14.2	<50
*Dup S00431939	0.09	5	<1	<1	21.4	<50
*Std OREAS 927	0.05	227	2	1	28.2	<50
*Std MP-2a	0.02	2809	<1	6	30.3	493
*Std OREAS 623	0.05	2499	9	26	23.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.02	3043	<1	7	32.5	497
*Std OREAS 623	0.05	2556	10	26	24.1	<50
*Rep S00431919	0.04	6	<1	<1	24.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 927	0.06	212	2	2	28.9	<50
*Rep S00431924	0.04	5	<1	<1	24.0	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431901	241	<1	0.33	213	<5	14.3
S00431902	76	<1	0.77	193	<5	13.3
S00431903	185	<1	1.15	311	<5	25.4
S00431904	253	<1	0.53	171	<5	6.9
S00431905	59	<1	0.07	16	<5	1.1
S00431906	71	<1	0.20	49	5	4.2
S00431907	74	<1	0.13	20	<5	4.2
S00431908	73	<1	0.64	336	<5	16.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431909	161	1	0.96	338	<5	22.2
S00431910	133	<1	0.06	12	<5	5.3
S00431911	167	<1	0.68	202	<5	19.4
S00431912	172	<1	0.49	202	<5	15.0
S00431913	158	<1	0.47	201	<5	14.9
S00431914	154	<1	0.46	205	<5	15.7
S00431915	177	<1	0.54	210	<5	18.9
S00431916	146	<1	0.54	213	<5	16.6
S00431917	161	<1	0.57	238	<5	17.5
S00431918	131	<1	0.46	193	<5	14.3
S00431919	156	<1	0.59	220	<5	17.7
S00431920	33	1	0.34	123	<5	8.1
S00431921	155	<1	0.58	199	<5	18.7
S00431922	150	<1	0.58	194	<5	17.2
S00431923	153	<1	0.48	195	<5	15.8
S00431924	147	<1	0.49	193	<5	16.2
S00431925	139	<1	0.52	196	<5	15.6
S00431926	122	<1	0.50	201	<5	15.9
S00431927	135	<1	0.52	194	<5	16.4
S00431928	150	<1	0.52	194	<5	17.2
S00431929	179	<1	0.35	192	<5	10.5
S00431930	176	<1	0.34	191	<5	10.0
S00431931	191	<1	0.30	136	<5	12.4
S00431932	201	<1	0.31	153	<5	13.1
S00431933	200	<1	0.33	154	<5	13.0
S00431934	166	<1	1.46	346	<5	29.7
S00431935	273	<1	0.61	295	<5	17.1
S00431936	236	<1	0.77	237	<5	19.1
S00431937	212	<1	0.71	235	<5	18.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431938	205	<1	0.69	219	<5	18.7
S00431939	144	<1	1.38	341	<5	28.2
S00431940	149	<1	0.05	11	<5	7.5
S00431941	138	<1	1.46	384	<5	29.8
S00431942	165	<1	0.64	259	<5	17.8
S00431943	195	<1	0.95	300	<5	23.5
S00431944	196	1	0.86	298	<5	23.0
S00431945	162	4	0.38	214	<5	14.0
S00431946	170	4	0.37	206	<5	13.7
S00431947	178	4	0.41	205	<5	13.1
S00431948	166	4	0.37	215	<5	11.0
S00431949	177	4	0.34	205	<5	10.4
S00431950	12	1	0.10	71	<5	2.8
*Dup S00431939	143	<1	1.40	332	<5	27.7
*Std OREAS 927	33	<1	0.33	72	9	21.5
*Std MP-2a	19	5	0.03	<5	3570	231
*Std OREAS 623	85	<1	0.15	26	7	16.5
*Blk BLANK	<10	<1	<0.01	<5	<5	1.2
*Std MP-2a	19	5	0.03	5	3664	258
*Std OREAS 623	83	<1	0.15	25	7	17.1
*Rep S00431919	153	<1	0.60	214	<5	17.6
*Blk BLANK	<10	<1	0.01	<5	<5	0.8
*Std OREAS 927	35	<1	0.35	71	8	23.4
*Rep S00431924	144	<1	0.48	190	<5	15.5

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431901	1.4	77	0.481
S00431902	1.5	86	0.031
S00431903	2.6	131	0.142
S00431904	0.9	87	0.071
S00431905	0.4	12	<0.005
S00431906	0.5	27	<0.005
S00431907	0.6	18	<0.005
S00431908	1.8	139	0.532
S00431909	2.5	135	0.935
S00431910	0.5	37	0.013
S00431911	1.8	104	0.835
S00431912	1.7	105	0.089
S00431913	1.7	107	0.105
S00431914	1.8	110	0.143
S00431915	1.8	105	0.020
S00431916	1.8	94	0.035
S00431917	2.0	106	0.067
S00431918	1.6	120	0.271
S00431919	1.9	111	0.076
S00431920	0.8	113	1.770
S00431921	2.0	108	0.076
S00431922	1.9	109	0.077
S00431923	1.9	104	0.087
S004319 4	1.8	110	0.106
S00431925	1.9	105	0.115
S00431926	1.9	119	0.248
S00431927	1.8	110	0.193
S00431928	1.7	102	0.076
S004319 9	1.3	92	0.065
S00431930	1.3	96	0.073

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431931	1.6	92	0.067
S00431932	1.4	116	0.398
S00431933	1.4	85	0.060
S00431934	3.0	144	0.113
S00431935	1.7	119	0.434
S00431936	2.0	114	0.037
S00431937	2.1	115	0.192
S00431938	2.1	112	0.171
S00431939	3.1	133	0.033
S00431940	0.7	34	0.015
S00431941	2.9	137	0.048
S00431942	1.9	120	0.568
S00431943	2.4	118	0.168
S00431944	2.2	120	0.916
S00431945	1.3	150	3.112
S00431946	1.4	135	2.700
S00431947	1.4	118	2.404
S00431948	1.3	126	2.583
S00431949	1.3	119	2.813
S00431950	0.4	99	7.322
*Dup S00431939	3.0	127	0.029
*Std GS314-2	-	-	2.551
*Blk BLANK	-	-	<0.005
*Rep S00431915	-	-	0.018
*Std GS314-2	-	-	2.577
*Rep S00431946	-	-	2.721
*Blk BLANK	-	-	<0.005
*Std OREAS 927	2.4	729	-
*Std MP a	29.9	5821	-
*Std OREAS 623	1.8	9973	-

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Order Number Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ Exploration/ 50
Core
Number of Samples 50

ANALYSIS REPORT BBM21-11716

Element	Yb	Zn	@S	
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V	
Lower Limit	0.1	5	0.005	
Upper Limit	1,000	50,000	30	
Unit	ppm m / m	ppm m / m	%	
*Blk BLANK	<0.1	<5		-
*Std MP-2a	30.7	6033		-
*Std OREAS 623	1.9	10157		-
*Rep S00431919	1.9	110		-
*Blk BLANK	<0.1	<5		-
*Std OREAS 927	2.5	703		-
*Rep S00431924	1.9	106		-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11717

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	03-Aug-2021
Project	Shakespeare exploration	Date Analysed	12-Aug-2021 - 07-Oct-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	08-Oct-2021
Core		SGS Order Number	BBM21-11717
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431951	2.37	101	170	233	<5	7.22
S00431952	0.97	145	320	323	<5	6.67
S00431953	2.12	261	450	588	<5	6.41
S00431954	2.30	280	580	640	<5	5.97
S00431955	2.10	258	600	601	<5	6.23
S00431956	2.82	249	520	588	<5	6.38
S00431957	2.37	210	450	485	<5	6.72
S00431958	2.52	217	470	510	<5	6.71
S00431959	2.34	194	410	441	<5	6.53
S00431960	0.84	<5	<10	<5	<5	0.98
S00431961	0.87	<5	<10	<5	<5	0.53
S00431962	2.22	210	420	478	<5	6.60
S00431963	1.99	236	510	544	<5	6.40
S00431964	2.22	250	470	589	<5	7.06
S00431965	2.21	249	510	562	<5	6.53
S00431966	2.06	213	400	502	<5	6.74
S00431967	2.73	264	530	638	<5	5.99
S00431968	2.96	107	210	252	<5	5.24
S00431969	2.00	286	620	650	<5	6.55
S00431970	0.11	55	450	582	<5	2.88
S00431971	2.16	247	560	589	<5	6.59
S00431972	2.09	309	590	698	<5	6.65
S00431973	2.45	297	590	681	<5	6.45
S00431974	2.13	311	610	698	<5	6.41
S00431975	2.31	311	640	706	<5	6.31
S00431976	1.90	281	570	645	<5	6.03
S00431977	1.89	218	470	540	<5	6.41
S00431978	2.28	262	450	607	<5	6.18
S00431979	1.09	235	420	466	<5	6.94

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00431980	0.71	231	330	507	<5	6.70
S00431981	1.98	279	600	571	<5	6.87
S00431982	2.09	259	500	559	<5	6.79
S00431983	1.82	197	320	386	<5	7.14
S00431984	1.98	369	700	748	<5	6.64
S00431985	1.90	288	580	743	5	6.78
S00431986	2.40	360	650	628	<5	6.66
S00431987	2.28	341	560	701	<5	6.71
S00431988	2.52	272	480	593	<5	6.78
S00431989	2.59	223	380	515	<5	6.75
S00431990	0.80	<5	<10	<5	<5	0.81
S00431991	0.90	<5	<10	<5	<5	0.86
S00431992	2.05	173	380	431	<5	7.02
S00431993	1.52	272	490	591	<5	7.59
S00431994	1.77	284	480	643	<5	7.31
S00431995	2.18	330	610	668	<5	6.41
S00431996	1.77	280	550	649	<5	7.06
S00431997	1.96	282	530	622	<5	5.88
S00431998	1.97	282	610	644	<5	6.03
S00431999	2.53	261	540	611	<5	6.07
S00432000	0.11	42	580	979	<5	1.36
*Dup S00431989	-	232	530	538	<5	6.74
*Std OREAS 680	-	161	400	219	-	-
*Rep S00431977	-	194	500	520	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00431981	-	273	510	571	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Std OREAS 681	-	54	520	243	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std MP-2a	-	-	-	-	<5	5.46
*Std OREAS 623	-	-	-	-	21	4.72
*Std OREAS 927	-	-	-	-	<5	6.55
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std MP-2a	-	-	-	-	<5	6.17
*Std OREAS 927	-	-	-	-	<5	6.84
*Rep S00431972	-	-	-	-	<5	6.31
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 623	-	-	-	-	18	5.18
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 927	-	-	-	-	<5	6.16
*Std OREAS 623	-	-	-	-	18	5.03

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431951	43	223	<1	7.8	4.7	<0.2
S00431952	47	219	<1	10.1	4.5	0.3
S00431953	74	202	<1	20.5	4.3	0.4
S00431954	112	211	<1	20.6	4.0	0.7
S00431955	110	187	<1	20.8	4.0	0.5
S00431956	162	141	<1	20.7	4.1	0.5
S00431957	88	131	<1	17.8	4.2	0.4
S00431958	74	193	<1	17.3	4.2	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431959	55	187	<1	15.5	4.3	0.4
S00431960	<3	92	<1	<0.1	19.3	<0.2
S00431961	<3	29	<1	<0.1	12.6	<0.2
S00431962	86	191	<1	14.4	4.1	0.5
S00431963	82	173	<1	16.3	4.2	0.6
S00431964	579	145	<1	17.5	4.3	0.2
S00431965	152	196	<1	17.6	4.2	0.4
S00431966	122	208	<1	18.1	4.1	0.5
S00431967	162	136	<1	19.8	3.6	0.5
S00431968	84	111	<1	10.0	4.3	<0.2
S00431969	162	216	<1	22.3	4.1	0.5
S00431970	190	88	<1	0.2	3.0	<0.2
S00431971	153	192	<1	17.5	4.2	0.5
S00431972	160	199	<1	22.9	4.2	0.6
S00431973	188	175	<1	23.8	4.1	0.6
S00431974	159	202	<1	23.9	4.2	0.6
S00431975	218	201	<1	22.5	4.2	0.6
S00431976	196	174	<1	25.0	4.4	0.5
S00431977	154	176	<1	18.5	4.4	0.4
S00431978	216	169	<1	20.1	4.5	0.4
S00431979	151	179	<1	19.6	4.9	0.4
S00431980	211	165	<1	12.5	4.8	0.3
S00431981	405	107	<1	15.7	4.5	0.4
S00431982	655	117	<1	15.8	4.6	0.7
S00431983	333	172	<1	12.5	4.7	0.4
S00431984	1525	175	<1	19.3	4.9	0.8
S00431985	2322	71	<1	17.9	5.7	1.9
S00431986	710	240	<1	21.5	4.7	0.7
S00431987	468	184	<1	23.9	4.6	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00431988	190	180	<1	18.8	4.7	0.7
S00431989	98	160	<1	15.4	4.9	0.4
S00431990	<3	78	<1	0.1	19.4	<0.2
S00431991	<3	61	<1	<0.1	19.5	<0.2
S00431992	70	154	<1	10.8	4.9	<0.2
S00431993	78	126	<1	16.7	4.2	<0.2
S00431994	94	151	<1	20.3	4.6	<0.2
S00431995	30	157	<1	21.9	4.6	1.0
S00431996	82	184	<1	26.0	4.8	0.6
S00431997	160	142	<1	19.5	5.6	0.9
S00431998	140	155	<1	18.3	5.5	1.0
S00431999	131	156	<1	16.6	5.2	1.1
S00432000	12	19	<1	1.3	1.1	0.7
*Dup S00431989	102	155	<1	15.9	4.9	0.4
*Std MP-2a	5675	13	2	971	3.3	14.2
*Std OREAS 623	79	1366	2	17.3	1.4	54.3
*Std OREAS 927	16	303	3	59.9	0.5	1.1
*Blk BLANK	<3	<10	<1	<0.1	0.1	0.4
*Blk BLANK	<3	<10	<1	<0.1	0.1	<0.2
*Std MP-2a	5550	12	1	>1000	2.9	14.9
*Std OREAS 927	18	317	2	59.8	0.5	0.5
*Rep S00431972	134	196	<1	24.3	3.9	0.5
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 623	74	1371	1	19.7	1.3	48.0
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 927	17	290	2	65.0	0.5	1.1
*Std OREAS 623	83	1271	1	17.6	1.4	53.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431951	145	214	1.7	2067	10.37	0.7
S00431952	183	235	2.0	3414	11.45	0.7
S00431953	305	242	2.4	5703	13.37	0.8
S00431954	345	268	2.6	6488	13.61	0.8
S00431955	348	271	2.1	6209	13.94	0.7
S00431956	333	256	1.7	5807	12.95	0.6
S00431957	273	224	1.5	5119	13.02	0.5
S00431958	259	216	2.3	5156	12.32	0.7
S00431959	262	251	2.4	4710	12.90	0.8
S00431960	2.5	<20	0.3	14	0.63	0.5
S00431961	1.4	<20	0.2	10	0.39	0.2
S00431962	260	242	2.3	5259	12.71	0.7
S00431963	255	237	2.2	5501	13.06	0.7
S00431964	361	141	1.4	3912	11.91	0.6
S00431965	266	214	1.9	5327	13.16	0.7
S00431966	261	228	1.8	5055	12.78	0.8
S00431967	321	243	0.7	5689	13.57	0.6
S00431968	166	353	1.5	2888	12.68	0.5
S00431969	321	214	2.5	6135	13.39	0.8
S00431970	185	2594	2.1	2804	11.04	0.2
S00431971	327	211	2.5	5837	13.46	0.8
S00431972	372	160	2.7	6986	13.74	0.8
S00431973	399	164	2.4	6770	14.43	0.7
S00431974	329	148	2.7	7036	13.23	0.8
S00431975	367	160	2.7	6646	13.61	0.8
S00431976	353	219	2.0	6302	14.30	0.7
S00431977	283	228	1.9	4751	13.45	0.7
S00431978	293	212	2.3	5174	13.31	0.7
S00431979	177	136	2.4	4531	12.03	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00431980	200	130	2.2	4549	11.78	0.6
S00431981	280	102	1.0	5412	12.50	0.5
S00431982	285	102	1.1	6307	13.26	0.4
S00431983	168	121	2.1	4578	11.26	0.7
S00431984	325	114	2.6	6812	12.74	0.7
S00431985	303	124	0.7	11750	13.11	0.4
S00431986	297	126	3.6	6206	13.37	1.0
S00431987	308	116	2.3	6528	13.39	0.8
S00431988	271	114	1.8	6690	12.48	0.7
S00431989	177	124	1.5	5147	12.04	0.7
S00431990	2.0	<20	0.3	16	0.56	0.4
S00431991	2.1	<20	0.3	13	0.55	0.4
S00431992	138	115	1.9	2272	11.15	0.7
S00431993	152	98	1.6	2052	12.63	0.5
S00431994	236	91	1.9	2325	12.92	0.6
S00431995	220	94	1.3	9359	12.91	0.6
S00431996	311	82	1.6	6218	13.05	0.7
S00431997	329	95	1.7	5907	13.86	0.7
S00431998	313	88	1.9	6191	13.46	0.7
S00431999	300	82	1.9	6134	13.01	0.7
S00432000	354	3413	0.2	4471	17.37	<0.1
*Dup S00431989	213	125	1.5	5945	12.65	0.7
*Std MP-2a	6.0	136	6.0	472	5.31	1.3
*Std OREAS 623	228	35	2.9	18315	13.39	1.4
*Std OREAS 927	26.7	59	5.6	10654	8.07	2.0
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std MP-2a	5.4	137	5.9	459	5.07	1.3
*Std OREAS 927	29.6	62	5.2	11191	8.93	1.9

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Rep S00431972	349	153	2.5	6745	13.24	0.8
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 623	210	23	2.8	16186	12.87	1.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 927	29.2	70	5.0	11547	8.50	1.8
*Std OREAS 623	220	39	2.7	18432	13.47	1.5

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431951	10.2	14	4.29	1419	4	1890
S00431952	11.1	14	4.39	1486	5	2799
S00431953	11.9	14	4.17	1445	8	5219
S00431954	11.8	14	4.14	1450	7	5795
S00431955	11.1	14	4.44	1462	6	5828
S00431956	10.4	13	4.22	1400	7	5148
S00431957	12.7	14	4.36	1416	7	4524
S00431958	24.1	14	4.06	1417	5	4188
S00431959	17.6	15	4.62	1533	5	3865
S00431960	5.2	8	8.51	393	<2	20
S00431961	3.0	<5	5.85	279	<2	<10
S00431962	13.9	15	4.36	1461	5	4109
S00431963	11.6	16	4.36	1446	4	4546
S00431964	12.4	13	3.85	1324	7	4783
S00431965	11.3	15	4.32	1400	7	4970

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431966	10.9	15	4.48	1431	7	4265
S00431967	11.1	18	4.48	1387	8	5365
S00431968	11.0	16	5.71	1680	5	1966
S00431969	12.8	14	4.28	1395	8	5403
S00431970	3.6	26	13.13	1400	<2	4019
S00431971	12.8	14	4.14	1439	7	5175
S00431972	13.4	13	3.75	1321	4	6331
S00431973	13.0	14	3.91	1349	7	6937
S00431974	13.5	12	3.58	1285	9	5833
S00431975	13.3	13	3.61	1304	10	6460
S00431976	11.7	16	4.31	1492	9	5933
S00431977	10.5	16	4.35	1415	8	4555
S00431978	11.3	14	4.06	1422	7	4929
S00431979	10.4	12	3.73	1422	5	3658
S00431980	11.4	11	3.59	1373	5	3807
S00431981	8.5	11	3.47	1373	4	4954
S00431982	9.9	11	3.41	1297	4	6127
S00431983	12.9	12	3.53	1380	4	3163
S00431984	9.9	12	3.59	1436	5	5428
S00431985	9.6	10	3.71	1547	4	5180
S00431986	9.4	15	3.72	1432	2	5165
S00431987	10.0	15	3.65	1368	2	5911
S00431988	9.7	15	3.73	1356	3	4637
S00431989	9.7	15	3.99	1424	5	3444
S00431990	5.9	8	8.53	422	<2	18
S00431991	5.0	8	8.44	368	<2	25
S00431992	9.6	13	3.95	1442	6	2449
S00431993	9.8	17	4.29	1591	6	2599
S00431994	10.2	14	3.86	1481	5	4670

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431995	9.5	13	3.70	1422	5	4350
S00431996	10.4	15	3.81	1389	5	5387
S00431997	9.1	14	3.63	1547	3	5469
S00431998	8.9	13	3.67	1490	8	5451
S00431999	9.5	15	3.70	1469	10	5207
S00432000	1.3	<5	14.92	1080	4	16989
*Dup S00431989	9.9	17	3.94	1424	5	4077
*Std MP-2a	150	98	0.11	1141	1576	22
*Std OREAS 623	23.5	17	1.29	624	9	38
*Std OREAS 927	35.1	41	2.27	1137	<2	37
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	2	<10
*Std MP-2a	149	87	0.10	1060	1478	18
*Std OREAS 927	36.5	35	2.08	1257	<2	35
*Rep S00431972	13.1	13	3.52	1249	4	6130
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 623	25.4	15	1.16	594	11	25
*Blk BLANK	<0.1	<5	<0.01	<10	<2	10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 927	34.9	36	1.98	1211	<2	34
*Std OREAS 623	25.3	16	1.27	642	11	24

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431951	0.03	11	<1	<1	21.6	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431952	0.02	9	1	<1	21.4	<50
S00431953	0.03	10	3	<1	21.6	<50
S00431954	0.03	9	3	<1	20.6	<50
S00431955	0.03	10	3	<1	21.1	<50
S00431956	0.03	12	2	<1	20.8	<50
S00431957	0.03	11	2	<1	21.4	<50
S00431958	0.03	17	2	<1	21.4	<50
S00431959	0.03	15	2	<1	22.4	<50
S00431960	0.01	7	<1	<1	5.8	<50
S00431961	<0.01	9	<1	<1	3.0	<50
S00431962	0.04	14	2	<1	21.6	<50
S00431963	0.05	11	2	<1	21.6	<50
S00431964	0.04	14	2	2	21.7	<50
S00431965	0.03	15	2	<1	21.1	<50
S00431966	0.03	20	2	<1	21.4	<50
S00431967	0.03	12	3	<1	20.4	<50
S00431968	0.03	15	<1	<1	22.1	<50
S00431969	0.04	19	3	<1	21.2	<50
S00431970	0.02	6	2	4	17.2	<50
S00431971	0.04	15	3	<1	20.9	<50
S00431972	0.04	16	3	<1	20.8	<50
S00431973	0.04	17	3	<1	20.5	<50
S00431974	0.04	18	3	<1	20.3	<50
S00431975	0.04	18	3	<1	19.9	<50
S00431976	0.04	17	3	<1	20.9	<50
S00431977	0.03	38	2	<1	21.3	<50
S00431978	0.04	20	2	<1	20.6	<50
S00431979	0.04	30	2	<1	21.7	<50
S00431980	0.04	27	2	<1	21.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00431981	0.04	29	2	1	20.9	<50
S00431982	0.04	33	4	4	20.7	<50
S00431983	0.04	32	2	<1	21.8	<50
S00431984	0.03	17	2	8	20.2	<50
S00431985	0.03	22	3	14	19.9	<50
S00431986	0.03	16	2	2	20.6	<50
S00431987	0.03	21	3	<1	20.7	<50
S00431988	0.03	18	2	<1	20.9	<50
S00431989	0.03	16	2	<1	21.0	<50
S00431990	0.02	9	<1	<1	5.3	<50
S00431991	0.02	7	<1	<1	5.2	<50
S00431992	0.03	13	1	<1	21.8	<50
S00431993	0.04	13	<1	<1	20.2	<50
S00431994	0.03	14	2	<1	21.1	<50
S00431995	0.03	13	3	<1	20.7	<50
S00431996	0.03	16	3	<1	21.2	<50
S00431997	0.03	12	4	<1	21.7	<50
S00431998	0.03	11	4	<1	21.4	<50
S00431999	0.03	11	3	<1	21.4	<50
S00432000	<0.01	17	8	2	14.4	<50
*Dup S00431989	0.03	16	2	<1	20.9	<50
*Std MP-2a	0.01	2868	<1	8	31.2	537
*Std OREAS 623	0.04	2337	9	30	22.7	<50
*Std OREAS 927	0.05	192	1	2	28.0	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std MP-2a	0.01	3199	<1	8	30.1	592
*Std OREAS 927	0.06	205	2	2	29.1	<50
*Rep S00431972	0.04	16	3	<1	19.7	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50
*Std OREAS 623	0.04	2656	9	29	22.0	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50
*Std OREAS 927	0.05	197	1	2	27.5	<50
*Std OREAS 623	0.04	2352	9	31	22.4	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431951	179	2	0.32	263	<5	12.8
S00431952	141	3	0.36	272	<5	13.4
S00431953	132	5	0.41	262	<5	14.9
S00431954	116	5	0.39	269	<5	15.1
S00431955	118	5	0.38	268	<5	13.9
S00431956	126	5	0.34	256	<5	13.8
S00431957	127	4	0.41	271	<5	16.4
S00431958	141	4	0.45	266	5	18.7
S00431959	119	3	0.46	303	<5	17.5
S00431960	140	<1	0.05	12	<5	6.3
S00431961	99	<1	0.03	8	<5	3.8
S00431962	130	4	0.48	282	<5	16.9
S00431963	120	4	0.47	274	<5	16.6
S00431964	181	4	0.47	238	<5	17.4
S00431965	133	4	0.42	281	<5	14.7
S00431966	138	4	0.44	278	<5	14.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431967	87	4	0.44	282	<5	14.9
S00431968	48	2	0.49	349	<5	15.7
S00431969	136	5	0.49	259	<5	17.4
S00431970	32	<1	0.31	130	<5	8.6
S00431971	132	4	0.50	278	6	17.6
S00431972	142	5	0.49	269	<5	18.1
S00431973	131	5	0.52	277	<5	17.9
S00431974	151	5	0.52	261	<5	18.5
S00431975	142	5	0.49	281	<5	18.9
S00431976	111	5	0.49	329	<5	17.2
S00431977	126	4	0.42	294	<5	15.2
S00431978	130	4	0.46	252	<5	18.0
S00431979	185	4	0.50	244	<5	18.4
S00431980	182	3	0.51	235	<5	18.4
S00431981	189	4	0.53	229	<5	15.1
S00431982	199	4	0.46	205	<5	17.8
S00431983	186	3	0.50	212	<5	20.0
S00431984	149	4	0.40	200	<5	15.8
S00431985	143	5	0.37	206	<5	14.4
S00431986	117	4	0.40	217	<5	14.1
S00431987	162	5	0.39	211	<5	14.9
S00431988	179	4	0.39	206	<5	14.2
S00431989	166	3	0.38	199	<5	14.8
S00431990	160	<1	0.04	10	<5	7.3
S00431991	146	<1	0.04	11	<5	5.8
S00431992	185	2	0.41	199	<5	15.3
S00431993	168	3	0.40	193	<5	16.3
S00431994	188	4	0.43	171	<5	15.6
S00431995	165	4	0.40	182	<5	14.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00431996	178	5	0.40	214	<5	15.1
S00431997	181	5	0.44	249	<5	14.2
S00431998	182	5	0.43	236	<5	14.0
S00431999	176	5	0.48	221	<5	14.5
S00432000	17	1	0.09	78	9	3.8
*Dup S00431989	165	4	0.38	188	<5	14.6
*Std MP-2a	24	6	0.03	<5	3464	250
*Std OREAS 623	90	<1	0.14	26	6	17.2
*Std OREAS 927	38	<1	0.32	74	8	23.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std MP-2a	18	6	0.03	<5	2900	262
*Std OREAS 927	33	<1	0.33	78	8	24.3
*Rep S00431972	142	5	0.48	258	<5	16.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 623	82	<1	0.13	24	<5	17.9
*Blk BLANK	<10	<1	0.02	<5	<5	0.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 927	44	<1	0.31	82	9	23.9
*Std OREAS 623	109	<1	0.14	28	7	18.6

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431951	1.4	98	0.914
S00431952	1.4	109	1.505

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431953	1.5	120	2.888
S00431954	1.5	126	3.155
S00431955	1.4	124	3.052
S00431956	1.4	118	2.798
S00431957	1.7	118	2.335
S00431958	1.9	116	2.297
S00431959	1.8	120	2.026
S00431960	0.4	33	0.022
S00431961	0.3	24	0.016
S00431962	1.9	125	2.142
S00431963	1.8	125	2.372
S00431964	1.8	98	2.316
S00431965	1.6	117	2.588
S00431966	1.6	119	2.263
S00431967	1.6	118	2.984
S00431968	1.6	120	0.992
S00431969	1.8	118	2.898
S00431970	0.7	110	1.781
S00431971	1.9	115	2.840
S00431972	1.8	117	3.469
S00431973	1.8	124	3.638
S00431974	1.9	118	3.342
S00431975	2.0	116	3.643
S00431976	1.8	124	3.259
S00431977	1.6	119	2.488
S00431978	1.7	115	2.696
S00431979	1.6	112	1.983
S00431980	1.9	108	2.123
S004319 1	1.6	111	2.760
S00431982	1.9	122	3.670

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00431983	2.1	115	1.794
S00431984	1.8	130	2.906
S00431985	1.5	182	3.123
S004319 6	1.4	126	2.825
S00431987	1.4	123	3.252
S00431988	1.5	124	2.764
S00431989	1.6	117	2.094
S00431990	0.6	39	0.016
S00431991	0.4	29	0.013
S00431992	1.7	98	1.252
S00431993	1.7	107	1.036
S00431994	1.6	99	2.214
S00431995	1.6	143	3.018
S00431996	1.5	118	3.034
S00431997	1.3	126	2.898
S00431998	1.3	124	2.920
S00431999	1.4	131	2.761
S00432000	0.4	106	7.190
*Dup S004319 9	1.6	126	2.441
*Std GS314-2	-	-	2.525
*Rep S00431969	-	-	2.900
*Blk BLANK	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Std GS314	-	-	2.535
*Rep S00431987	-	-	3.266
*Std MP-2a	28.8	6177	-
*Std OREAS 623	1.7	10502	-
*Std OREAS 927	2.1	666	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11717

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std MP-2a	24.8	6157	-
*Std OREAS 927	2.5	725	-
*Rep S00431972	1.9	113	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 623	1.9	10189	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 927	2.3	687	-
*Std OREAS 6 3	1.9	10449	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11718

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	03-Aug-2021
Project	Shakespeare exploration	Date Analysed	12-Aug-2021 - 13-Oct-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	13-Oct-2021
Core		SGS Order Number	BBM21-11718
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
48	G PRP	Combined Sample Preparation
50	G_WGH_KG	Weight of samples received
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432001	1.81	26	40	85	<5	7.32
S00432002	1.01	178	180	563	<5	6.31
S00432003	1.00	30	70	145	<5	7.32
S00432004	1.74	<5	<10	31	<5	7.67
S00432005	2.60	16	30	78	<5	6.99
S00432006	1.05	44	70	214	<5	6.70
S00432007	1.70	16	30	80	<5	7.30
S00432008	2.43	20	40	87	<5	7.31
S00432009	2.11	19	40	74	<5	7.31
S00432010	0.84	<5	<10	<5	<5	1.08
S00432011	1.16	8	20	45	<5	7.57
S00432012	3.00	5	20	47	<5	7.76
S00432013	3.09	<5	10	43	<5	7.81
S00432014	2.87	7	20	60	<5	7.93
S00432015	1.78	46	70	202	<5	7.46
S00432016	2.50	19	40	39	<5	7.81
S00432017	2.20	59	40	82	<5	7.85
S00432018	1.27	7	<10	<5	<5	6.59
S00432019	2.66	22	20	54	<5	8.11
S00432020	0.11	55	470	594	<5	2.78
S00432021	1.38	65	60	153	<5	7.77
S00432022	2.58	15	30	42	<5	6.10
S00432023	1.82	18	<10	18	<5	6.37
S00432024	3.07	39	30	38	<5	6.62
S00432025	2.96	27	80	99	<5	6.77
S00432026	3.19	33	90	134	<5	6.92
S00432027	2.21	13	30	45	<5	7.33
S00432028	1.07	11	<10	<5	<5	0.59
S00432029	1.54	<5	10	15	<5	7.73

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432030	1.49	<5	10	15	<5	7.54
S00432031	3.52	<5	10	14	<5	7.33
S00432032	3.87	<5	10	16	<5	7.96
S00432033	3.83	<5	10	18	<5	7.79
S00432034	3.60	6	10	14	<5	7.81
S00432035	3.09	<5	10	16	<5	7.77
S00432036	2.67	<5	10	22	<5	8.18
S00432037	2.63	<5	<10	12	<5	7.83
S00432038	4.02	<5	10	17	<5	7.84
S00432039	1.04	18	<10	10	<5	6.85
S00432040	0.99	<5	<10	<5	<5	0.85
S00432041	3.87	8	10	16	<5	8.01
S00432042	2.91	7	10	13	<5	7.85
S00432043	2.46	<5	10	17	<5	8.00
S00432044	3.02	9	20	18	<5	7.55
S00432045	3.88	5	10	16	<5	7.75
S00432046	3.42	<5	20	17	<5	8.01
S00432047	3.43	6	10	17	<5	8.41
S00432048	1.90	12	<10	6	<5	7.17
S00432049	3.45	<5	10	16	<5	7.52
S00432050	0.10	40	610	1040	<5	1.41
*Dup S00432039	-	12	<10	10	<5	7.20
*Std OREAS 680	-	161	400	219	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Std OREAS 681	-	54	520	243	-	-
*Rep S00432023	-	22	<10	17	-	-
*Std MP-2a	-	-	-	-	<5	5.46

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 623	-	-	-	-	21	4.72
*Rep S00432021	-	-	-	-	<5	7.61
*Std OREAS 927	-	-	-	-	<5	6.55
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432033	-	-	-	-	<5	7.96
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432049	-	-	-	-	<5	7.68
*Std OREAS 623	-	-	-	-	19	5.23
*Std MP-2a	-	-	-	-	5	5.90
*Std OREAS 927	-	-	-	-	<5	6.50
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	152	400	217	-	-
*Rep S00432043	-	<5	20	17	-	-
*Std OREAS 681	-	50	520	240	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432001	22	202	<1	1.4	5.4	0.3
S00432002	42	152	<1	5.7	5.2	1.0
S00432003	27	134	<1	1.3	5.6	0.4
S00432004	11	137	<1	0.4	5.8	0.2
S00432005	8	139	<1	0.5	5.4	0.3
S00432006	38	115	<1	0.8	5.3	0.5
S00432007	15	133	<1	0.4	5.3	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432008	18	156	<1	0.5	5.3	0.3
S00432009	21	121	<1	0.4	4.9	0.2
S00432010	<3	91	<1	<0.1	19.6	<0.2
S00432011	3	247	<1	0.2	5.5	0.2
S00432012	8	180	<1	0.2	5.6	0.3
S00432013	12	132	<1	0.1	5.5	<0.2
S00432014	7	150	<1	0.1	5.6	0.2
S00432015	18	119	<1	0.4	5.7	1.0
S00432016	6	132	1	0.2	5.7	0.2
S00432017	11	120	1	0.6	5.4	0.3
S00432018	8	56	1	0.2	3.5	0.2
S00432019	4	90	1	0.3	4.7	0.3
S00432020	184	79	<1	0.1	3.0	0.4
S00432021	16	88	<1	0.8	5.2	0.7
S00432022	5	143	<1	0.3	6.2	<0.2
S00432023	<3	136	<1	0.3	6.6	0.7
S00432024	<3	135	<1	<0.1	6.5	0.4
S00432025	12	134	<1	0.1	6.7	0.4
S00432026	18	134	<1	0.3	6.8	0.3
S00432027	7	154	<1	0.2	6.6	<0.2
S00432028	<3	12	<1	<0.1	4.5	0.4
S00432029	<3	135	<1	<0.1	7.3	<0.2
S00432030	<3	143	<1	<0.1	7.2	<0.2
S00432031	6	101	<1	0.1	6.7	<0.2
S00432032	4	171	<1	<0.1	6.5	<0.2
S00432033	6	171	<1	0.1	6.4	0.2
S00432034	5	134	<1	0.1	5.6	<0.2
S00432035	<3	166	1	0.1	5.4	<0.2
S00432036	4	160	<1	<0.1	6.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432037	<3	45	<1	0.1	7.2	<0.2
S00432038	4	156	1	1.1	6.0	<0.2
S00432039	29	64	<1	<0.1	5.5	0.3
S00432040	<3	65	<1	<0.1	19.6	0.3
S00432041	3	152	1	<0.1	5.8	0.3
S00432042	<3	154	<1	<0.1	5.8	0.5
S00432043	5	180	<1	0.1	6.4	<0.2
S00432044	8	157	<1	<0.1	6.0	0.3
S00432045	5	180	<1	<0.1	6.3	<0.2
S00432046	5	168	<1	<0.1	6.2	<0.2
S00432047	21	166	<1	<0.1	6.1	<0.2
S00432048	9	78	1	<0.1	5.6	<0.2
S00432049	<3	155	1	0.1	5.8	0.3
S00432050	4	22	<1	0.5	1.0	0.7
*Dup S00432039	27	64	<1	0.1	5.2	0.3
*Std MP-2a	5675	13	2	971	3.3	14.2
*Std OREAS 623	79	1366	2	17.3	1.4	54.3
*Rep S00432021	20	87	<1	0.9	5.1	0.7
*Std OREAS 927	16	303	3	59.9	0.5	1.1
*Blk BLANK	<3	<10	<1	<0.1	0.1	0.4
*Rep S00432033	5	182	<1	0.1	6.3	0.2
*Blk BLANK	<3	<10	<1	<0.1	0.1	<0.2
*Rep S00432049	<3	170	1	0.1	5.7	<0.2
*Std OREAS 623	75	1492	2	17.2	1.4	51.2
*Std MP-2a	5421	13	2	915	3.1	14.8
*Std OREAS 927	20	341	2	55.9	0.5	1.0
*Blk BLANK	<3	<10	<1	<0.1	0.1	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432001	69.5	82	2.6	656	9.03	0.9
S00432002	101	68	2.6	4709	9.66	0.7
S00432003	71.3	70	1.8	1560	9.06	0.6
S00432004	55.6	73	2.0	185	8.82	0.7
S00432005	63.5	98	2.2	788	9.80	0.7
S00432006	77.2	106	2.0	2026	9.97	0.6
S00432007	54.8	78	2.2	763	8.73	0.7
S00432008	56.3	67	2.8	841	8.58	0.8
S00432009	57.5	66	2.1	623	8.37	0.7
S00432010	2.4	<20	0.3	9	0.72	0.5
S00432011	51.3	56	2.9	472	8.62	0.9
S00432012	52.0	61	2.7	311	8.71	0.9
S00432013	52.7	53	2.0	188	8.43	0.7
S00432014	50.8	68	2.5	237	8.66	0.8
S00432015	71.8	62	2.1	3091	9.14	0.7
S00432016	46.8	50	2.1	379	8.10	0.7
S00432017	49.5	59	1.9	802	8.12	0.6
S00432018	13.5	40	0.6	414	1.94	0.4
S00432019	50.1	54	1.5	429	8.51	0.6
S00432020	175	2664	2.4	2827	10.34	0.2
S00432021	62.8	66	1.0	2033	9.11	0.5
S00432022	50.9	59	2.3	396	9.25	0.6
S00432023	52.6	53	1.5	1909	8.19	0.6
S00432024	51.2	59	1.5	488	8.76	0.8
S00432025	59.9	57	1.8	1345	9.07	0.6
S00432026	60.1	56	1.9	1244	8.89	0.7
S00432027	51.1	52	1.5	527	8.58	0.7
S00432028	6.7	32	<0.1	585	1.02	<0.1
S00432029	50.3	45	1.9	137	8.90	0.7

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432030	48.7	41	1.9	128	8.50	0.7
S00432031	46.0	39	1.9	216	8.17	0.5
S00432032	46.8	38	3.3	125	8.53	0.9
S00432033	46.9	79	4.1	110	8.40	1.0
S00432034	37.4	41	2.5	252	6.76	0.8
S00432035	39.2	49	4.1	147	7.27	1.0
S00432036	41.7	42	3.2	97	7.63	0.9
S00432037	44.2	33	0.7	66	8.46	0.3
S00432038	43.6	38	2.7	100	8.02	0.8
S00432039	57.2	33	0.6	497	7.64	0.4
S00432040	2.2	<20	0.3	7	0.61	0.4
S00432041	43.4	39	2.6	252	7.93	0.8
S00432042	47.0	38	2.4	407	7.85	0.9
S00432043	47.0	41	2.1	160	8.26	0.8
S00432044	47.3	35	1.8	433	7.76	0.7
S00432045	47.7	33	2.2	164	8.34	0.9
S00432046	46.5	34	1.9	131	8.27	0.8
S00432047	57.3	28	2.1	129	7.99	0.8
S00432048	32.7	<20	0.9	190	3.72	0.4
S00432049	46.4	30	2.2	125	8.69	0.8
S00432050	333	3028	0.2	4206	15.74	<0.1
*Dup S00432039	56.0	30	0.6	515	7.61	0.3
*Std MP-2a	6.0	136	6.0	472	5.31	1.3
*Std OREAS 623	228	35	2.9	18315	13.39	1.4
*Rep S00432021	63.5	66	0.9	2003	9.07	0.5
*Std OREAS 927	26.7	59	5.6	10654	8.07	2.0
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00432033	44.3	44	4.0	107	8.27	1.0
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Rep S00432049	45.3	28	2.2	125	8.64	0.8
*Std OREAS 623	203	30	3.1	17008	12.65	1.6
*Std MP-2a	5.4	132	6.4	434	4.92	1.3
*Std OREAS 927	27.5	69	5.7	10850	8.40	2.0
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432001	12.0	22	3.89	1480	4	395
S00432002	9.9	19	3.60	1373	5	1326
S00432003	11.2	13	3.75	1471	4	500
S00432004	10.0	15	4.01	1475	3	152
S00432005	9.2	15	4.57	1597	<2	277
S00432006	8.2	14	4.75	1589	<2	599
S00432007	10.1	14	4.16	1464	<2	261
S00432008	11.9	15	4.05	1429	<2	253
S00432009	11.3	14	3.84	1340	<2	205
S00432010	6.0	9	9.17	438	<2	14
S00432011	10.3	15	4.04	1463	<2	163
S00432012	9.6	17	4.13	1456	<2	147
S00432013	10.2	14	4.16	1410	<2	138
S00432014	9.9	18	4.37	1416	<2	166
S00432015	9.7	12	4.22	1444	<2	354
S00432016	9.9	13	4.15	1387	<2	150
S00432017	10.2	13	4.26	1326	<2	214

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432018	9.6	6	0.72	399	<2	41
S00432019	10.3	24	4.57	1319	<2	158
S00432020	3.6	31	14.14	1333	<2	3939
S00432021	10.5	20	4.67	1468	<2	300
S00432022	10.0	13	3.84	1540	<2	151
S00432023	8.1	15	3.68	1368	<2	149
S00432024	7.6	14	4.12	1531	<2	199
S00432025	7.5	16	4.36	1563	<2	344
S00432026	8.4	16	4.26	1534	<2	291
S00432027	8.3	13	4.05	1497	<2	203
S00432028	1.0	<5	0.29	316	<2	29
S00432029	9.7	13	3.81	1523	<2	105
S00432030	10.4	12	3.70	1471	<2	103
S00432031	9.9	13	3.42	1324	<2	93
S00432032	9.7	14	3.81	1436	<2	95
S00432033	10.1	16	3.67	1348	2	225
S00432034	11.1	18	3.23	1048	<2	87
S00432035	16.1	17	3.02	1123	<2	75
S00432036	10.9	15	3.76	1263	<2	91
S00432037	9.4	12	3.57	1345	<2	85
S00432038	9.8	13	3.58	1298	<2	85
S00432039	8.5	20	3.47	1234	<2	97
S00432040	4.2	9	9.67	367	<2	15
S00432041	10.0	14	3.59	1328	<2	88
S00432042	8.5	18	3.54	1296	<2	100
S00432043	9.9	12	3.61	1411	<2	89
S00432044	9.1	12	3.42	1355	<2	84
S00432045	9.8	14	3.76	1444	<2	89
S00432046	9.4	12	3.73	1411	<2	85

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432047	11.3	12	3.53	1361	<2	87
S00432048	20.7	8	1.26	803	<2	61
S00432049	12.2	12	3.37	1355	<2	73
S00432050	1.3	<5	14.66	997	2	15240
*Dup S00432039	7.9	14	3.52	1233	<2	100
*Std MP-2a	150	98	0.11	1141	1576	22
*Std OREAS 623	23.5	17	1.29	624	9	38
*Rep S00432021	10.2	20	4.65	1467	<2	288
*Std OREAS 927	35.1	41	2.27	1137	<2	37
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432033	10.9	17	3.64	1311	<2	92
*Blk BLANK	<0.1	<5	<0.01	<10	2	<10
*Rep S00432049	13.2	13	3.44	1326	<2	74
*Std OREAS 623	25.5	16	1.30	597	8	25
*Std MP-2a	162	92	0.10	1058	1577	13
*Std OREAS 927	35.6	37	2.21	1200	3	38
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432001	0.04	16	<1	<1	23.5	<50
S00432002	0.03	11	<1	<1	22.3	<50
S00432003	0.03	10	<1	<1	23.1	<50
S00432004	0.03	11	<1	<1	23.9	<50
S00432005	0.03	10	<1	<1	23.5	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432006	0.04	8	<1	<1	22.4	<50
S00432007	0.03	9	<1	<1	22.8	<50
S00432008	0.03	9	<1	<1	23.3	<50
S00432009	0.03	8	<1	<1	22.9	<50
S00432010	0.02	21	<1	<1	6.6	<50
S00432011	0.03	8	<1	<1	23.1	<50
S00432012	0.03	8	<1	<1	23.0	<50
S00432013	0.03	8	<1	<1	23.7	<50
S00432014	0.03	7	<1	<1	23.2	<50
S00432015	0.02	8	<1	<1	22.5	<50
S00432016	0.03	8	<1	<1	24.0	<50
S00432017	0.03	9	<1	<1	23.8	<50
S00432018	0.02	9	<1	<1	31.9	<50
S00432019	0.03	18	<1	<1	22.9	<50
S00432020	0.02	5	1	4	16.4	<50
S00432021	0.03	10	<1	<1	23.6	<50
S00432022	0.04	8	<1	<1	24.0	<50
S00432023	0.03	8	<1	<1	23.4	<50
S00432024	0.03	5	<1	<1	23.5	<50
S00432025	0.03	4	<1	<1	24.3	<50
S00432026	0.03	5	<1	<1	24.7	<50
S00432027	0.03	6	<1	<1	24.1	<50
S00432028	<0.01	4	<1	<1	35.3	<50
S00432029	0.04	5	<1	<1	24.2	<50
S00432030	0.04	5	<1	<1	23.6	<50
S00432031	0.03	6	<1	<1	24.4	<50
S00432032	0.04	6	<1	<1	24.2	<50
S00432033	0.03	6	<1	<1	24.2	<50
S00432034	0.03	8	<1	<1	25.4	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432035	0.05	6	<1	<1	25.1	<50
S00432036	0.04	6	<1	<1	23.8	<50
S00432037	0.03	6	<1	<1	22.4	<50
S00432038	0.03	5	<1	<1	23.9	<50
S00432039	0.03	4	<1	<1	25.0	<50
S00432040	0.02	6	<1	<1	4.8	<50
S00432041	0.03	6	<1	<1	23.1	<50
S00432042	0.03	5	<1	<1	24.1	<50
S00432043	0.04	6	<1	<1	23.1	<50
S00432044	0.04	5	<1	<1	22.8	<50
S00432045	0.03	5	<1	<1	23.1	<50
S00432046	0.03	5	<1	<1	22.3	<50
S00432047	0.03	5	<1	<1	23.1	<50
S00432048	0.08	7	<1	<1	26.2	<50
S00432049	0.04	6	<1	<1	23.3	<50
S00432050	0.01	14	7	2	13.6	<50
*Dup S00432039	0.02	4	<1	<1	25.0	<50
*Std MP-2a	0.01	2868	<1	8	31.2	537
*Std OREAS 623	0.04	2337	9	30	22.7	<50
*Rep S00432021	0.03	10	<1	<1	23.4	<50
*Std OREAS 927	0.05	192	1	2	28.0	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432033	0.04	6	<1	<1	24.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432049	0.04	7	<1	<1	23.1	<50
*Std OREAS 623	0.05	2372	9	28	22.2	<50
*Std MP-2a	0.01	2741	<1	7	29.5	528
*Std OREAS 927	0.05	208	2	2	27.7	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element Method Lower Limit Upper Limit Unit	Sr GE_IMS90A50 10 10,000 ppm m / m	Te GE_IMS90A50 1 1,000 ppm m / m	Ti GE_IMS90A50 0.01 30 %	V GE_IMS90A50 5 10,000 ppm m / m	W GE_IMS90A50 5 10,000 ppm m / m	Y GE_IMS90A50 0.5 10,000 ppm m / m
S00432001	197	<1	0.52	232	<5	17.4
S00432002	194	1	0.43	210	<5	15.5
S00432003	216	<1	0.49	226	<5	17.1
S00432004	219	<1	0.46	217	<5	16.3
S00432005	171	<1	0.46	234	<5	15.1
S00432006	167	<1	0.42	222	<5	14.1
S00432007	188	<1	0.47	218	<5	15.6
S00432008	188	<1	0.47	217	<5	16.2
S00432009	195	<1	0.46	204	<5	16.0
S00432010	193	<1	0.06	14	<5	6.3
S00432011	197	<1	0.46	216	<5	15.7
S00432012	193	<1	0.46	204	<5	15.1
S00432013	213	<1	0.45	217	<5	15.4
S00432014	203	<1	0.46	225	<5	15.6
S00432015	201	<1	0.45	226	<5	15.7
S00432016	203	<1	0.44	207	<5	16.1
S00432017	185	<1	0.44	218	<5	16.4
S00432018	173	<1	0.17	42	<5	9.4
S00432019	177	<1	0.46	221	<5	15.5
S00432020	36	2	0.28	129	<5	8.1
S00432021	162	<1	0.49	237	<5	17.1
S00432022	195	<1	0.50	234	<5	15.4
S00432023	210	<1	0.38	228	<5	13.1
S00432024	175	<1	0.43	223	<5	13.1
S00432025	184	<1	0.43	234	<5	13.3
S00432026	191	<1	0.46	256	<5	14.5
S00432027	200	<1	0.47	245	<5	14.7
S00432028	38	<1	0.03	18	<5	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432029	209	<1	0.53	262	<5	17.1
S00432030	208	<1	0.51	247	<5	17.4
S00432031	212	<1	0.49	240	<5	16.5
S00432032	207	<1	0.52	251	<5	15.8
S00432033	218	<1	0.61	295	<5	17.2
S00432034	234	<1	0.48	234	<5	14.8
S00432035	220	<1	0.57	195	<5	20.8
S00432036	223	<1	0.44	186	<5	17.2
S00432037	207	<1	0.44	224	<5	15.2
S00432038	204	<1	0.48	232	<5	17.1
S00432039	155	<1	0.34	182	<5	13.2
S00432040	156	<1	0.05	13	<5	5.8
S00432041	198	<1	0.49	236	<5	16.9
S00432042	184	<1	0.47	237	<5	15.6
S00432043	191	<1	0.50	262	<5	15.1
S00432044	181	<1	0.45	237	<5	14.3
S00432045	204	<1	0.48	260	<5	15.1
S00432046	195	<1	0.48	255	<5	14.9
S00432047	189	<1	0.58	276	<5	17.6
S00432048	130	<1	0.68	105	<5	34.8
S00432049	192	<1	0.55	260	<5	18.6
S00432050	14	1	0.09	71	<5	3.5
*Dup S00432039	144	<1	0.33	188	<5	12.6
*Std MP-2a	24	6	0.03	<5	3464	250
*Std OREAS 623	90	<1	0.14	26	6	17.2
*Rep S00432021	148	<1	0.49	235	<5	16.4
*Std OREAS 927	38	<1	0.32	74	8	23.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432033	223	<1	0.59	291	<5	17.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432049	196	<1	0.52	258	<5	18.6
*Std OREAS 623	90	<1	0.14	25	<5	16.5
*Std MP-2a	21	6	0.03	<5	3672	235
*Std OREAS 927	37	<1	0.32	76	15	22.3
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432001	1.7	87	0.175
S00432002	1.5	115	1.122
S00432003	1.7	94	0.330
S00432004	1.6	87	0.041
S00432005	1.4	100	0.131
S00432006	1.3	112	0.425
S00432007	1.5	92	0.122
S00432008	1.5	91	0.140
S00432009	1.6	88	0.094
S00432010	0.5	35	0.020
S00432011	1.5	89	0.080
S00432012	1.5	94	0.052
S00432013	1.5	90	0.043
S00432014	1.5	92	0.042
S00432015	1.5	117	0.538
S00432016	1.5	87	0.063
S00432017	1.6	101	0.151

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432018	1.0	28	0.078
S00432019	1.4	102	0.096
S00432020	0.8	104	1.788
S004320 1	1.6	125	0.373
S00432022	1.6	97	0.061
S00432023	1.4	109	0.291
S00432024	1.4	91	0.076
S00432025	1.3	103	0.201
S004320 6	1.4	99	0.176
S00432027	1.4	93	0.096
S00432028	0.2	40	0.094
S00432029	1.7	94	0.115
S00432030	1.7	91	0.121
S00432031	1.6	86	0.074
S00432032	1.5	91	0.058
S00432033	1.5	90	0.061
S00432034	1.4	79	0.060
S00432035	1.9	81	0.111
S00432036	1.5	83	0.039
S00432037	1.5	84	0.080
S00432038	1.6	85	0.071
S00432039	1.3	84	0.087
S00432040	0.4	35	0.015
S00432041	1.6	92	0.067
S00432042	1.4	92	0.104
S00432043	1.8	97	0.056
S00432044	1.6	93	0.091
S00432045	1.7	98	0.051
S00432046	1.7	97	0.035
S00432047	2.0	96	0.035

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11718

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432048	3.5	47	0.199
S00432049	2.0	105	0.073
S00432050	0.4	99	7.253
*Dup S0043 039	1.3	89	0.085
*Blk BLANK	-	-	<0.005
*Rep S00432021	-	-	0.383
*Std GS314-2	-	-	2.583
*Std GS314-2	-	-	2.560
*Blk BLANK	-	-	<0.005
*Rep S00432048	-	-	0.205
*Std MP-2a	28.8	6177	-
*Std OREAS 623	1.7	10502	-
*Rep S00432021	1.5	121	-
*Std OREAS 9 7	2.1	666	-
*Blk BLANK	<0.1	<5	-
*Rep S00432033	1.7	89	-
*Blk BLANK	<0.1	<5	-
*Rep S00432049	2.1	95	-
*Std OREAS 623	1.9	10040	-
*Std MP-2a	31.6	5845	-
*Std OREAS 927	2.6	699	-
*Blk BLANK	<0.1	<5	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11857

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	04-Aug-2021
Project	Shakespeare exploration	Date Analysed	19-Aug-2021 - 02-Oct-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	02-Oct-2021
Core		SGS Order Number	BBM21-11857
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432051	1.75	<5	<10	12	<5	7.82
S00432052	2.81	<5	10	18	<5	7.07
S00432053	1.56	<5	10	13	<5	8.61
S00432054	0.84	6	30	28	<5	7.31
S00432055	2.68	5	20	12	<5	7.78
S00432056	2.98	<5	10	17	<5	7.45
S00432057	2.43	11	30	32	<5	7.49
S00432058	2.38	68	140	130	<5	7.44
S00432059	1.21	31	80	85	<5	7.60
S00432060	0.80	<5	<10	<5	<5	0.81
S00432061	2.30	12	<10	16	<5	7.50
S00432062	1.44	82	50	66	<5	7.71
S00432063	0.74	37	20	60	<5	7.58
S00432064	0.89	48	10	32	<5	7.97
S00432065	2.42	10	20	27	<5	8.00
S00432066	2.78	<5	20	21	<5	7.93
S00432067	2.55	8	20	22	<5	7.76
S00432068	1.29	52	70	78	<5	7.44
S00432069	1.94	80	80	133	<5	6.76
S00432070	0.11	62	420	549	<5	2.77
S00432071	1.69	29	40	50	<5	6.80
S00432072	2.45	6	20	24	<5	7.55
S00432073	2.77	<5	<10	<5	<5	6.68
S00432074	0.57	<5	<10	<5	<5	1.89
S00432075	1.64	<5	<10	<5	<5	7.42
S00432076	1.72	<5	<10	<5	<5	7.03
S00432077	1.52	<5	<10	<5	<5	7.33
S00432078	0.94	<5	<10	<5	<5	5.29
S00432079	0.70	<5	<10	<5	<5	6.26

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432080	0.85	<5	<10	<5	<5	6.06
S00432081	3.35	<5	<10	<5	<5	7.28
S00432082	0.95	<5	<10	<5	<5	6.94
S00432083	0.73	<5	<10	<5	<5	6.30
S00432084	1.86	<5	<10	<5	<5	6.99
S00432085	0.90	<5	<10	<5	<5	6.85
S00432086	1.91	<5	<10	<5	<5	7.48
S00432087	1.33	<5	<10	<5	<5	6.24
S00432088	3.04	<5	<10	<5	<5	7.15
S00432089	0.87	6	<10	<5	<5	1.68
S00432090	0.56	<5	<10	<5	<5	0.94
S00432091	1.71	<5	<10	<5	<5	7.29
S00432092	2.00	<5	<10	<5	<5	7.20
S00432093	1.20	5	20	32	<5	7.48
S00432094	2.01	<5	<10	<5	<5	7.21
S00432095	1.35	<5	<10	<5	<5	6.83
S00432096	0.89	6	20	22	<5	7.64
S00432097	2.84	7	20	30	<5	7.26
S00432098	1.21	<5	<10	8	<5	2.75
S00432099	1.19	7	40	42	<5	7.24
S00432100	0.11	44	560	958	<5	1.37
*Dup S00432088	-	<5	<10	<5	<5	7.17
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	3.57
*Rep S00432075	-	-	-	-	<5	7.09
*Rep S00432082	-	-	-	-	<5	6.90
*Std OREAS 680	-	-	-	-	10	7.24
*Blk BLANK	-	<5	<10	<5	-	-

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 680	-	150	400	217	-	-
*Rep S00432074	-	<5	<10	6	-	-
*Std OREAS 681	-	49	510	238	-	-
*Std OREAS 45f	-	20	40	57	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00432099	-	7	30	41	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	3.59
*Std OREAS 680	-	-	-	-	10	7.07
*Blk BLANK	-	-	-	-	<5	<0.01

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432051	<3	154	<1	0.3	6.3	<0.2
S00432052	5	123	<1	0.2	6.5	<0.2
S00432053	9	75	1	0.2	8.3	<0.2
S00432054	56	114	1	0.2	5.8	<0.2
S00432055	4	144	1	0.1	6.3	<0.2
S00432056	5	147	<1	0.1	6.3	<0.2
S00432057	<3	138	<1	0.3	6.1	0.2
S00432058	56	176	1	2.6	5.4	0.4
S00432059	42	138	<1	1.3	5.8	0.3
S00432060	<3	52	<1	<0.1	20.4	0.2
S00432061	<3	120	1	0.4	6.1	0.3
S00432062	33	109	1	1.2	5.9	0.3

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432063	27	132	1	1.4	4.8	0.2
S00432064	9	70	1	0.7	4.1	1.1
S00432065	8	137	1	0.3	6.0	0.2
S00432066	4	131	<1	0.1	6.3	<0.2
S00432067	5	131	2	0.2	6.0	<0.2
S00432068	5	119	1	1.6	5.9	0.5
S00432069	61	133	2	2.6	5.5	0.8
S00432070	219	73	<1	0.1	3.1	0.4
S00432071	<3	183	1	0.9	5.8	0.3
S00432072	<3	137	1	0.2	5.8	0.2
S00432073	<3	177	1	0.1	6.0	<0.2
S00432074	<3	29	<1	<0.1	7.2	0.3
S00432075	7	135	1	0.1	6.2	<0.2
S00432076	<3	130	2	<0.1	7.0	<0.2
S00432077	<3	140	1	<0.1	4.7	<0.2
S00432078	<3	49	<1	0.4	6.1	0.3
S00432079	<3	87	<1	0.1	7.0	<0.2
S00432080	<3	82	<1	0.1	6.7	<0.2
S00432081	<3	117	1	0.1	6.7	<0.2
S00432082	<3	151	1	<0.1	6.1	<0.2
S00432083	<3	113	1	<0.1	8.1	<0.2
S00432084	<3	122	1	<0.1	6.9	<0.2
S00432085	<3	101	1	0.1	7.1	<0.2
S00432086	<3	134	1	0.1	6.2	<0.2
S00432087	<3	148	1	0.1	6.5	<0.2
S00432088	<3	134	1	0.1	5.4	<0.2
S00432089	<3	14	<1	0.2	4.1	<0.2
S00432090	<3	57	<1	<0.1	20.3	<0.2
S00432091	<3	113	1	0.1	6.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432092	<3	127	1	0.1	6.0	<0.2
S00432093	4	119	1	0.1	5.6	<0.2
S00432094	<3	221	1	0.1	6.3	<0.2
S00432095	<3	182	1	0.1	6.4	<0.2
S00432096	10	186	1	0.1	5.5	<0.2
S00432097	5	184	<1	0.1	5.8	<0.2
S00432098	<3	51	<1	0.2	6.8	0.2
S00432099	5	169	<1	0.2	5.2	<0.2
S00432100	6	21	<1	0.4	1.0	0.7
*Dup S00432088	<3	126	1	0.1	5.5	<0.2
*Blk BLANK	<3	<10	<1	<0.1	0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	0.1	<0.2
*Std OREAS 70b	130	167	1	0.8	2.8	0.4
*Rep S00432075	<3	141	1	<0.1	6.8	<0.2
*Rep S00432082	<3	145	1	<0.1	6.2	<0.2
*Std OREAS 680	110	569	2	1.3	5.3	8.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 70b	137	188	<1	0.7	2.9	0.4
*Std OREAS 680	114	640	1	1.4	5.2	7.8
*Blk BLANK	<3	<10	<1	<0.1	0.1	<0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432051	42.2	48	3.4	24	7.96	0.8
S00432052	52.4	41	2.2	103	8.93	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432053	51.5	36	1.0	11	8.61	0.4
S00432054	110	22	1.9	342	8.66	0.6
S00432055	51.8	36	2.5	94	9.00	0.8
S00432056	54.4	39	2.6	152	8.88	0.8
S00432057	52.4	35	2.8	307	8.84	0.8
S00432058	78.6	30	3.2	1866	9.23	0.9
S00432059	63.1	36	2.1	435	8.78	0.8
S00432060	2.1	<20	0.4	14	0.59	0.4
S00432061	49.3	27	1.6	869	7.95	0.7
S00432062	77.2	36	2.0	720	9.11	0.6
S00432063	86.2	25	2.5	843	9.00	0.8
S00432064	53.5	23	1.1	3686	4.20	0.5
S00432065	57.3	38	2.8	130	9.45	0.8
S00432066	55.1	41	2.3	166	8.98	0.8
S00432067	52.7	41	2.8	155	8.81	0.8
S00432068	83.7	58	2.6	1348	11.34	0.7
S00432069	108	37	2.8	2031	10.70	0.8
S00432070	207	2774	2.7	2981	10.94	0.2
S00432071	71.5	67	3.9	462	10.80	1.0
S00432072	53.1	42	1.9	180	8.58	0.7
S00432073	54.2	56	1.0	178	10.78	0.8
S00432074	155	40	0.4	552	7.18	0.2
S00432075	56.7	55	1.8	60	11.14	0.7
S00432076	62.9	49	0.9	110	12.45	0.6
S00432077	64.4	82	2.1	64	12.36	0.7
S00432078	21.8	61	0.1	371	4.88	0.2
S00432079	56.0	71	1.2	72	10.80	0.4
S00432080	55.3	66	1.2	91	10.35	0.4
S00432081	57.7	72	1.6	82	11.39	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432082	56.8	89	2.3	90	11.06	0.8
S00432083	63.8	75	1.9	68	10.66	0.6
S00432084	53.7	66	1.7	79	10.71	0.7
S00432085	54.3	65	1.3	110	10.20	0.5
S00432086	57.5	69	2.1	80	11.38	0.7
S00432087	52.6	55	2.2	249	9.73	0.7
S00432088	59.6	62	1.9	133	10.67	0.7
S00432089	5.4	25	<0.1	276	1.39	0.1
S00432090	2.5	23	0.3	10	0.63	0.5
S00432091	61.7	62	0.9	116	11.18	0.7
S00432092	58.9	52	1.5	124	10.61	0.7
S00432093	50.2	43	0.9	119	8.31	0.6
S00432094	57.0	58	2.9	119	10.90	1.0
S00432095	56.2	55	2.4	103	10.87	0.9
S00432096	54.1	39	1.5	265	8.62	0.8
S00432097	54.4	37	1.3	106	9.22	0.7
S00432098	12.7	28	0.1	354	2.15	0.2
S00432099	58.4	57	0.6	132	9.40	0.7
S00432100	380	3498	0.2	4410	16.22	<0.1
*Dup S00432088	60.4	63	1.9	132	10.79	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 70b	79.4	1131	3.9	52	5.22	0.6
*Rep S00432075	54.8	58	1.7	71	11.73	0.7
*Rep S00432082	56.8	77	2.3	90	11.05	0.8
*Std OREAS 680	363	1951	4.5	9173	11.52	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 70b	79.3	1199	3.6	52	5.23	0.6
*Std OREAS 680	348	2033	4.3	9233	11.04	1.2

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432051	11.4	15	2.81	1233	<2	105
S00432052	11.0	12	3.60	1464	<2	98
S00432053	15.5	21	3.14	1576	<2	154
S00432054	12.0	11	2.80	1381	<2	571
S00432055	10.3	13	3.42	1430	<2	98
S00432056	11.3	13	3.26	1483	<2	87
S00432057	11.3	13	3.32	1425	<2	155
S00432058	17.7	13	2.42	1225	2	1123
S00432059	11.0	12	3.38	1378	<2	469
S00432060	4.8	9	9.53	392	<2	13
S00432061	19.9	13	2.57	1191	3	404
S00432062	14.1	16	3.20	1345	<2	627
S00432063	13.8	19	2.72	1195	<2	979
S00432064	23.6	8	0.99	731	<2	553
S00432065	11.2	13	3.55	1454	<2	148
S00432066	10.3	12	3.53	1493	<2	87
S00432067	12.0	16	3.58	1429	<2	93
S00432068	13.5	18	3.82	1550	<2	774
S00432069	14.8	13	2.85	1494	3	1134
S00432070	3.7	32	14.18	1405	<2	4154
S00432071	13.9	16	3.43	1503	<2	381

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432072	11.4	13	3.37	1400	<2	86
S00432073	14.6	16	3.54	1730	<2	53
S00432074	3.3	5	1.13	1006	2	240
S00432075	15.4	14	3.61	1760	<2	48
S00432076	16.7	15	3.54	1952	<2	55
S00432077	16.7	22	4.00	1821	<2	76
S00432078	9.0	6	1.60	810	<2	26
S00432079	13.1	18	3.87	1764	<2	61
S00432080	12.7	18	3.74	1730	<2	61
S00432081	15.7	12	3.73	1838	<2	62
S00432082	15.3	13	3.83	1821	<2	77
S00432083	14.5	11	3.50	1885	<2	75
S00432084	14.2	12	3.70	1754	<2	57
S00432085	14.4	11	3.25	1759	<2	58
S00432086	15.5	16	3.84	1760	<2	62
S00432087	14.1	16	3.43	1589	<2	64
S00432088	15.5	17	3.69	1627	<2	61
S00432089	3.2	<5	0.20	298	<2	11
S00432090	5.2	10	9.36	403	<2	13
S00432091	15.1	18	4.02	1733	<2	61
S00432092	14.7	17	3.59	1549	<2	59
S00432093	9.1	13	3.50	1476	<2	83
S00432094	15.0	15	3.61	1660	<2	53
S00432095	15.6	15	3.63	1636	<2	56
S00432096	9.0	15	3.51	1524	<2	84
S00432097	10.5	18	3.74	1596	<2	105
S00432098	3.4	6	0.54	527	<2	25
S00432099	10.1	21	3.90	1531	<2	111
S00432100	1.3	<5	14.46	1015	3	17637

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Dup S00432088	14.8	16	3.81	1643	<2	73
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	12.8	36	12.81	1119	4	2152
*Rep S00432075	16.1	14	3.58	1879	<2	48
*Rep S00432082	14.4	14	3.91	1831	<2	63
*Std OREAS 680	17.4	15	3.69	1291	3	21439
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	15.0	33	12.70	1115	4	2377
*Std OREAS 680	17.2	16	3.64	1201	3	22545
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432051	0.04	9	<1	<1	23.7	<50
S00432052	0.04	7	<1	<1	22.5	<50
S00432053	0.04	7	<1	<1	18.7	<50
S00432054	0.04	6	<1	<1	22.2	<50
S00432055	0.03	6	<1	<1	23.1	<50
S00432056	0.04	6	<1	<1	23.2	<50
S00432057	0.04	6	<1	<1	22.5	<50
S00432058	0.05	7	<1	<1	23.5	<50
S00432059	0.03	6	<1	<1	23.1	<50
S00432060	0.02	8	<1	<1	4.5	<50
S00432061	0.06	6	<1	<1	23.7	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432062	0.04	8	<1	<1	23.5	<50
S00432063	0.05	6	<1	<1	22.9	<50
S00432064	0.05	11	<1	<1	28.2	<50
S00432065	0.04	6	<1	<1	23.4	<50
S00432066	0.03	6	<1	<1	23.2	<50
S00432067	0.03	7	<1	<1	23.0	<50
S00432068	0.07	6	<1	<1	22.1	<50
S00432069	0.05	6	<1	<1	22.8	<50
S00432070	0.02	4	1	4	17.0	<50
S00432071	0.06	6	<1	<1	21.1	<50
S00432072	0.03	7	<1	<1	22.5	<50
S00432073	0.08	6	<1	<1	21.2	<50
S00432074	0.02	4	2	<1	28.4	<50
S00432075	0.09	6	<1	<1	20.9	<50
S00432076	0.10	6	<1	<1	22.3	<50
S00432077	0.10	4	<1	<1	21.7	<50
S00432078	0.05	12	<1	1	29.0	<50
S00432079	0.08	7	<1	<1	21.3	<50
S00432080	0.07	5	<1	<1	22.1	<50
S00432081	0.10	7	<1	<1	20.5	<50
S00432082	0.09	6	<1	<1	20.6	<50
S00432083	0.09	6	<1	<1	20.1	<50
S00432084	0.08	7	<1	<1	22.5	<50
S00432085	0.08	7	<1	<1	20.8	<50
S00432086	0.09	6	<1	<1	21.4	<50
S00432087	0.08	7	<1	<1	19.8	<50
S00432088	0.10	8	<1	<1	21.1	<50
S00432089	<0.01	5	<1	<1	31.1	<50
S00432090	0.02	6	<1	<1	5.2	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432091	0.09	6	<1	<1	20.5	<50
S00432092	0.09	6	<1	<1	21.1	<50
S00432093	0.04	7	<1	<1	23.2	<50
S00432094	0.09	6	<1	<1	21.4	<50
S00432095	0.09	6	<1	<1	20.9	<50
S00432096	0.03	8	<1	<1	23.1	<50
S00432097	0.04	8	<1	<1	23.1	<50
S00432098	0.02	8	<1	<1	30.5	<50
S00432099	0.04	7	<1	<1	23.9	<50
S00432100	0.01	13	8	2	14.4	<50
*Dup S00432088	0.09	6	<1	<1	21.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 70b	0.02	12	<1	<1	20.4	<50
*Rep S00432075	0.09	7	<1	<1	21.5	<50
*Rep S00432082	0.09	6	<1	<1	20.9	<50
*Std OREAS 680	0.11	2442	5	20	19.5	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50
*Std OREAS 70b	0.03	14	<1	<1	21.2	<50
*Std OREAS 680	0.11	2327	5	19	18.8	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432051	263	<1	0.45	289	<5	18.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432052	215	<1	0.56	289	<5	17.0
S00432053	201	<1	0.72	259	<5	19.0
S00432054	198	<1	1.39	407	<5	18.9
S00432055	218	<1	0.51	270	<5	16.8
S00432056	205	<1	0.55	256	<5	17.8
S00432057	208	<1	0.50	230	<5	18.0
S00432058	197	1	0.60	207	<5	23.8
S00432059	212	<1	0.44	219	<5	17.3
S00432060	150	<1	0.05	12	<5	5.9
S00432061	223	<1	0.84	307	<5	28.5
S00432062	206	<1	0.57	255	<5	20.1
S00432063	189	<1	0.80	293	<5	20.0
S00432064	262	<1	0.81	109	<5	17.3
S00432065	207	<1	0.55	277	<5	18.9
S00432066	214	<1	0.53	271	<5	17.1
S00432067	224	<1	0.55	273	<5	19.6
S00432068	157	<1	1.14	371	<5	25.7
S00432069	151	1	0.98	302	<5	24.3
S00432070	37	1	0.32	135	<5	8.5
S00432071	151	<1	1.03	355	<5	24.4
S00432072	218	<1	0.52	247	<5	17.2
S00432073	182	<1	1.29	395	<5	27.3
S00432074	84	<1	0.32	96	<5	18.4
S00432075	219	<1	1.38	413	<5	28.0
S00432076	190	<1	1.58	474	<5	30.8
S00432077	140	<1	1.61	456	<5	30.4
S00432078	331	<1	1.19	270	<5	15.4
S00432079	186	<1	1.44	399	<5	24.3
S00432080	179	<1	1.33	391	<5	23.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432081	240	<1	1.43	414	<5	28.1
S00432082	211	<1	1.36	404	<5	27.6
S00432083	226	<1	1.38	382	<5	27.4
S00432084	241	<1	1.26	408	<5	27.3
S00432085	246	<1	1.28	386	<5	27.1
S00432086	215	<1	1.39	415	<5	28.5
S00432087	220	<1	1.24	354	<5	25.3
S00432088	179	<1	1.37	403	<5	27.3
S00432089	126	<1	0.06	89	<5	5.5
S00432090	161	<1	0.05	15	<5	6.7
S00432091	184	<1	1.44	418	<5	29.8
S00432092	184	<1	1.34	403	<5	27.7
S00432093	287	<1	0.47	241	<5	15.6
S00432094	181	<1	1.33	403	<5	28.2
S00432095	156	<1	1.34	409	<5	28.7
S00432096	267	<1	0.47	253	<5	15.6
S00432097	234	<1	0.49	251	<5	15.4
S00432098	173	<1	0.10	91	<5	4.8
S00432099	210	<1	0.57	234	<5	15.1
S00432100	15	1	0.09	73	<5	3.3
*Dup S00432088	179	<1	1.40	409	<5	27.9
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	76	<1	0.15	63	<5	10.0
*Rep S00432075	223	<1	1.47	438	<5	27.7
*Rep S00432082	212	<1	1.37	409	<5	27.7
*Std OREAS 680	448	<1	0.49	236	<5	15.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	77	<1	0.15	62	<5	9.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 680	423	<1	0.48	224	<5	14.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432051	2.1	79	0.015
S00432052	1.9	91	0.019
S00432053	2.3	96	0.007
S00432054	2.2	88	0.608
S00432055	1.9	95	0.019
S00432056	2.0	95	0.042
S00432057	1.9	92	0.090
S00432058	2.5	90	0.713
S00432059	1.8	88	0.211
S00432060	0.5	30	0.013
S00432061	2.9	82	0.259
S00432062	2.2	90	0.417
S00432063	2.0	80	0.741
S00432064	1.9	82	0.741
S00432065	2.0	99	0.029
S00432066	1.8	92	0.041
S00432067	2.1	92	0.041
S00432068	2.6	120	0.496
S00432069	2.6	119	0.769
S00432070	0.9	104	1.803
S00432071	2.6	114	0.286

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432072	1.9	95	0.047
S00432073	2.8	131	0.140
S00432074	1.1	50	2.509
S00432075	2.9	133	0.076
S00432076	3.3	144	0.197
S00432077	3.3	156	0.084
S00432078	1.7	60	0.096
S00432079	2.7	124	0.065
S004320 0	2.6	123	0.090
S00432081	2.9	132	0.138
S00432082	3.0	129	0.151
S00432083	2.9	122	0.255
S00432084	2.8	123	0.143
S004320 5	3.0	114	0.228
S00432086	2.9	134	0.138
S00432087	2.8	118	0.186
S00432088	3.0	123	0.214
S00432089	0.5	14	0.081
S00432090	0.6	28	0.013
S00432091	3.1	126	0.168
S00432092	2.8	117	0.213
S00432093	1.7	100	0.042
S00432094	2.9	124	0.176
S00432095	3.0	123	0.169
S00432096	1.7	93	0.054
S00432097	1.8	109	0.025
S00432098	0.9	33	0.092
S00432099	1.6	102	0.020
S0043 100	0.4	97	7.244
*Dup S00432088	2.9	123	0.212

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11857

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Std GS314-2	-	-	2.552
*Blk BLANK	-	-	<0.005
*Rep S00432077	-	-	0.084
*Rep S0043 099	-	-	0.021
*Std GS314-2	-	-	2.548
*Blk BLANK	-	-	<0.005
*Blk BLANK	<0.1	6	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 70b	1.1	106	-
*Rep S00432075	3.0	138	-
*Rep S00432082	2.8	128	-
*Std OREAS 680	1.7	2311	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 70b	1.1	110	-
*Std OREAS 680	1.6	2259	-
*Blk BLANK	<0.1	<5	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-11860

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	04-Aug-2021
Project	Shakespeare exploration	Date Analysed	19-Aug-2021 - 02-Oct-2021
Submission Number	*SD* Shakespeare / Exploration / 50	Date Completed	04-Oct-2021
Core		SGS Order Number	BBM21-11860
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations
Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00432101	2.54	<5	20	25	<5	6.73
S00432102	2.73	6	30	32	<5	7.21
S00432103	1.78	8	20	33	<5	7.52
S00432104	2.01	6	20	47	<5	7.83
S00432105	1.65	12	20	35	<5	8.42
S00432106	2.43	6	<10	14	<5	6.99
S00432107	2.63	10	20	33	<5	8.09
S00432108	1.03	44	20	118	<5	9.55
S00432109	0.65	<5	<10	<5	<5	7.43
S00432110	0.93	<5	<10	<5	<5	0.80
S00432111	1.18	8	20	30	<5	8.39
S00432112	1.69	14	30	46	<5	7.61
S00432113	1.56	17	20	38	<5	8.11
S00432114	1.35	8	20	29	<5	7.67
S00432115	2.00	26	30	40	<5	7.60
S00432116	2.24	21	20	35	<5	7.80
S00432117	2.00	13	10	25	<5	7.47
S00432118	1.38	15	10	24	<5	7.67
S00432119	1.00	81	80	123	<5	8.09
S00432120	0.11	57	430	554	<5	2.76
S00432121	1.71	29	40	60	<5	7.91
S00432122	1.73	6	20	30	<5	7.29
S00432123	1.48	18	30	35	<5	7.29
S00432124	1.50	83	110	86	<5	6.26
S00432125	3.34	6	10	22	<5	7.69
S00432126	1.71	18	<10	20	<5	5.35
S00432127	2.50	6	<10	28	<5	7.86
S00432128	2.46	15	20	37	<5	7.21
S00432129	0.63	131	230	281	<5	6.10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432130	0.55	124	180	264	<5	6.05
S00432131	1.44	192	430	445	<5	2.87
S00432132	0.75	25	110	65	<5	2.26
S00432133	1.79	59	140	128	<5	4.62
S00432134	1.66	73	140	156	<5	5.04
S00432135	1.79	32	50	61	<5	6.46
S00432136	1.79	29	40	55	<5	5.67
S00432137	3.32	<5	<10	<5	<5	4.05
S00432138	2.23	10	10	17	<5	8.72
S00432139	2.61	8	<10	12	<5	9.49
S00432140	1.00	<5	<10	<5	<5	0.89
S00432141	2.63	7	<10	7	<5	10.15
S00432142	2.76	29	20	20	<5	9.06
S00432143	1.04	91	10	48	<5	3.94
S00432144	3.08	<5	<10	<5	<5	8.70
S00432145	2.34	<5	<10	<5	<5	8.49
S00432146	2.95	<5	<10	<5	<5	8.29
S00432147	1.52	29	100	103	<5	7.41
S00432148	2.29	90	150	133	<5	7.19
S00432149	2.42	94	140	225	<5	7.26
S00432150	0.11	37	530	1010	<5	1.52
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	150	400	217	-	-
*Std OREAS 681	-	49	510	238	-	-
*Std OREAS 45f	-	20	40	57	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00432104	-	6	20	40	-	-
*Std OREAS 70b	-	-	-	-	<5	4.19
*Std OREAS 680	-	-	-	-	10	7.53

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Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00432141	-	7	<10	8	-	-
*Std OREAS 681	-	50	490	230	-	-
*Std OREAS 45f	-	21	40	57	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	150	370	201	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	3.59
*Std OREAS 680	-	-	-	-	10	7.07
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432134	-	-	-	-	<5	5.16
*Rep S00432134	-	-	-	-	<5	4.95

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432101	10	109	<1	0.2	5.1	<0.2
S00432102	6	147	<1	0.2	5.6	<0.2
S00432103	4	150	<1	0.2	5.6	<0.2
S00432104	4	148	<1	0.2	5.9	<0.2
S00432105	6	169	1	0.3	5.4	<0.2
S00432106	<3	174	1	0.3	4.9	0.2
S00432107	3	218	2	0.2	4.7	<0.2
S00432108	<3	183	1	2.2	4.5	<0.2
S00432109	<3	29	<1	0.6	19.2	<0.2
S00432110	<3	57	<1	<0.1	19.0	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432111	<3	147	1	0.4	4.5	<0.2
S00432112	16	156	<1	0.4	5.5	<0.2
S00432113	29	206	<1	0.5	5.3	0.3
S00432114	<3	133	1	0.3	5.2	0.2
S00432115	29	120	2	0.4	4.7	0.3
S00432116	4	217	2	0.4	4.6	<0.2
S00432117	<3	148	2	0.3	5.1	<0.2
S00432118	<3	113	2	0.4	5.5	<0.2
S00432119	81	182	1	2.4	5.2	0.4
S00432120	206	84	<1	<0.1	2.9	0.4
S00432121	31	161	<1	1.2	5.6	0.3
S00432122	<3	114	<1	0.3	6.1	<0.2
S00432123	8	169	1	0.7	5.2	0.2
S00432124	32	245	1	2.2	5.2	0.7
S00432125	<3	263	1	0.2	5.2	0.2
S00432126	<3	131	<1	0.2	4.2	0.3
S00432127	<3	217	<1	0.2	5.8	<0.2
S00432128	3	246	<1	0.6	4.8	<0.2
S00432129	80	225	<1	6.1	2.9	0.4
S00432130	125	227	<1	5.7	2.9	0.4
S00432131	90	47	<1	9.6	2.9	0.4
S00432132	20	31	<1	1.4	0.5	0.3
S00432133	12	155	<1	2.8	3.5	0.4
S00432134	13	178	<1	3.6	3.6	0.5
S00432135	10	353	<1	1.6	3.8	0.3
S00432136	8	403	1	1.3	2.0	<0.2
S00432137	<3	312	<1	0.2	0.4	<0.2
S00432138	<3	243	2	0.4	3.2	<0.2
S00432139	22	137	1	0.3	1.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432140	<3	64	<1	<0.1	18.1	<0.2
S00432141	6	117	2	0.2	1.4	0.2
S00432142	14	299	2	0.6	2.2	0.2
S00432143	<3	127	<1	1.8	2.1	<0.2
S00432144	<3	382	2	0.2	4.5	<0.2
S00432145	<3	305	2	0.2	4.8	<0.2
S00432146	<3	317	1	0.1	4.9	<0.2
S00432147	40	256	1	2.1	4.3	<0.2
S00432148	50	225	1	4.1	4.2	<0.2
S00432149	462	140	1	5.2	4.2	0.2
S00432150	5	20	<1	0.5	1.2	0.9
*Std OREAS 70b	127	207	1	0.6	3.4	0.7
*Std OREAS 680	118	616	1	1.6	6.0	8.9
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 70b	137	188	<1	0.7	2.9	0.4
*Std OREAS 680	114	640	1	1.4	5.2	7.8
*Blk BLANK	<3	<10	<1	<0.1	0.1	<0.2
*Rep S00432134	11	186	<1	3.7	3.7	0.5
*Rep S00432134	13	178	<1	3.5	3.5	0.5

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432101	50.9	38	0.8	57	8.21	0.5
S00432102	52.6	34	1.4	123	8.92	0.6
S00432103	49.0	35	1.7	255	8.07	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
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 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432104	51.3	38	1.6	141	8.29	0.6
S00432105	64.6	45	2.4	71	10.00	0.7
S00432106	43.0	42	2.0	122	7.39	0.7
S00432107	56.1	43	3.2	37	9.49	0.9
S00432108	57.4	46	2.7	61	10.50	0.8
S00432109	19.5	<20	0.3	25	5.72	0.2
S00432110	1.9	<20	0.3	10	0.52	0.4
S00432111	55.9	45	2.7	18	9.89	0.7
S00432112	57.1	45	1.3	204	8.13	0.6
S00432113	68.9	52	2.3	354	8.25	0.8
S00432114	48.5	45	1.9	99	8.68	0.6
S00432115	55.4	54	1.7	409	8.50	0.6
S00432116	51.4	44	3.6	81	8.25	1.0
S00432117	45.8	46	2.3	24	7.80	0.7
S00432118	47.3	44	1.7	59	7.96	0.6
S00432119	96.5	64	3.6	845	9.12	1.0
S00432120	191	2789	2.5	2899	10.15	0.2
S00432121	65.6	50	2.2	579	8.37	0.8
S00432122	52.1	52	1.1	89	8.33	0.5
S00432123	53.0	59	2.0	291	7.91	0.8
S00432124	88.0	74	5.3	1542	8.59	1.2
S00432125	51.2	76	4.1	203	8.67	1.2
S00432126	42.3	55	1.7	687	6.72	0.7
S00432127	54.5	58	2.8	179	8.50	1.0
S00432128	57.3	89	4.7	435	8.99	1.2
S00432129	132	428	2.9	2329	9.34	1.0
S00432130	136	421	2.9	2632	9.44	1.0
S00432131	211	472	1.0	2590	9.45	0.3
S00432132	62.2	66	0.3	1811	2.71	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432133	122	513	2.9	1596	10.76	0.9
S00432134	126	458	3.0	1854	10.74	1.0
S00432135	71.3	372	2.8	800	8.76	1.1
S00432136	47.3	137	5.9	446	5.89	1.8
S00432137	11.3	57	0.9	159	1.31	1.0
S00432138	40.0	184	3.8	367	8.01	1.0
S00432139	34.2	182	2.2	114	5.75	0.6
S00432140	2.2	<20	0.3	13	0.57	0.4
S00432141	20.3	147	1.7	505	3.77	0.5
S00432142	41.4	165	4.6	255	6.65	1.2
S00432143	198	85	2.5	388	10.51	0.7
S00432144	34.9	72	4.4	120	7.97	1.4
S00432145	40.0	77	4.3	125	9.06	1.3
S00432146	46.1	92	4.4	143	9.61	1.4
S00432147	153	185	4.0	1042	11.92	1.2
S00432148	170	201	3.8	1310	12.01	1.0
S00432149	328	136	1.8	1877	11.39	0.7
S00432150	340	3323	0.2	4278	16.93	<0.1
*Std OREAS 70b	78.9	1231	3.7	57	5.86	0.7
*Std OREAS 680	355	2138	4.2	9864	12.32	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 70b	79.3	1199	3.6	52	5.23	0.6
*Std OREAS 680	348	2033	4.3	9233	11.04	1.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432134	127	461	3.2	1868	10.89	1.0
*Rep S00432134	125	440	3.1	1808	10.43	0.9

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432101	9.3	15	3.36	1309	<2	97
S00432102	11.2	13	3.87	1404	<2	109
S00432103	11.9	10	3.39	1281	<2	94
S00432104	12.2	12	3.67	1411	<2	98
S00432105	12.6	16	3.94	1540	<2	149
S00432106	11.4	17	3.39	1222	<2	95
S00432107	12.3	18	4.08	1448	<2	116
S00432108	13.0	21	3.92	1577	<2	126
S00432109	9.7	7	1.52	1911	<2	55
S00432110	4.6	11	9.00	366	<2	12
S00432111	12.3	26	4.26	1565	<2	115
S00432112	11.7	12	3.51	1316	<2	214
S00432113	12.6	15	3.58	1260	<2	359
S00432114	11.3	14	3.88	1402	<2	156
S00432115	11.7	15	3.68	1391	<2	297
S00432116	10.6	22	3.84	1306	<2	208
S00432117	11.0	16	4.00	1368	<2	123
S00432118	10.7	12	4.14	1409	<2	151
S00432119	13.8	15	3.60	1260	<2	894
S00432120	3.7	28	13.55	1289	<2	4255
S00432121	12.7	13	3.68	1363	<2	438
S00432122	11.5	13	3.93	1471	<2	121
S00432123	15.1	17	3.19	1242	<2	258
S00432124	16.7	22	2.82	1133	2	851
S00432125	13.1	17	3.75	1347	<2	115
S00432126	9.0	11	2.81	1093	<2	99
S00432127	12.1	14	3.84	1418	<2	130
S00432128	14.7	16	3.45	1204	<2	279
S00432129	12.3	21	4.44	1114	3	2579

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432130	12.2	21	4.44	1146	3	2306
S00432131	11.3	13	4.78	1136	6	3236
S00432132	7.1	<5	0.46	218	5	889
S00432133	10.1	22	5.98	1487	<2	1129
S00432134	11.3	21	5.68	1507	<2	1106
S00432135	10.5	29	4.99	1294	<2	639
S00432136	12.5	21	2.55	668	<2	438
S00432137	11.3	7	0.38	76	2	29
S00432138	27.0	18	3.36	1059	3	214
S00432139	34.5	25	2.58	721	6	237
S00432140	4.9	7	8.49	361	<2	12
S00432141	14.2	13	1.69	489	3	157
S00432142	33.5	23	2.73	786	3	260
S00432143	14.5	19	1.24	482	3	1614
S00432144	31.0	17	2.07	1005	<2	49
S00432145	24.8	18	2.38	1125	<2	43
S00432146	22.6	19	2.64	1241	<2	56
S00432147	22.8	18	3.12	1207	11	1413
S00432148	25.5	16	2.98	1122	19	1725
S00432149	25.5	14	2.92	1085	18	1873
S00432150	1.3	<5	16.25	973	2	15407
*Std OREAS 70b	17.3	35	14.44	1129	3	2198
*Std OREAS 680	18.9	14	3.96	1252	4	22263
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	15.0	33	12.70	1115	4	2377
*Std OREAS 680	17.2	16	3.64	1201	3	22545
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432134	11.7	21	6.05	1517	<2	1143
*Rep S00432134	11.6	20	5.72	1467	<2	1143

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Element Method	P GE_IMS90A50	Pb GE_IMS90A50	S GE_IMS90A50	Sb GE_IMS90A50	Si GE_IMS90A50	Sn GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432101	0.03	9	<1	<1	24.2	<50
S00432102	0.03	9	<1	<1	22.0	<50
S00432103	0.03	9	<1	<1	22.4	<50
S00432104	0.04	9	<1	<1	23.7	<50
S00432105	0.04	10	<1	<1	21.6	<50
S00432106	0.04	10	<1	<1	24.7	<50
S00432107	0.03	6	<1	<1	22.6	<50
S00432108	0.04	8	<1	<1	20.0	<50
S00432109	0.01	18	<1	1	10.8	<50
S00432110	0.02	6	<1	<1	5.5	<50
S00432111	0.04	7	<1	<1	21.1	<50
S00432112	0.03	8	<1	<1	23.0	<50
S00432113	0.04	10	<1	<1	22.7	<50
S00432114	0.03	7	<1	<1	22.7	<50
S00432115	0.03	7	<1	<1	23.3	<50
S00432116	0.04	10	<1	<1	22.6	<50
S00432117	0.04	7	<1	<1	23.2	<50
S00432118	0.04	7	<1	<1	23.1	<50
S00432119	0.04	10	<1	<1	22.9	<50
S00432120	0.02	4	2	4	16.7	<50
S00432121	0.03	9	<1	<1	23.6	<50
S00432122	0.04	9	<1	<1	24.9	<50
S00432123	0.04	11	<1	<1	24.7	<50
S00432124	0.06	16	<1	<1	25.3	<50
S00432125	0.05	8	<1	<1	23.8	<50
S00432126	0.04	5	<1	<1	29.1	<50
S00432127	0.04	7	<1	<1	23.8	<50
S00432128	0.05	8	<1	<1	24.1	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432129	0.03	6	1	<1	24.1	<50
S00432130	0.02	5	1	<1	24.4	<50
S00432131	0.02	3	2	<1	27.1	<50
S00432132	<0.01	6	<1	<1	38.6	<50
S00432133	0.03	<2	<1	<1	24.9	<50
S00432134	0.03	<2	<1	<1	23.6	<50
S00432135	0.04	4	<1	<1	22.9	<50
S00432136	0.03	5	<1	<1	29.1	<50
S00432137	0.01	6	<1	<1	37.0	<50
S00432138	0.05	5	<1	<1	23.6	<50
S00432139	0.04	6	<1	<1	25.2	<50
S00432140	0.02	6	<1	<1	5.1	<50
S00432141	0.09	6	<1	<1	27.2	<50
S00432142	0.05	8	<1	<1	24.9	<50
S00432143	0.03	7	4	<1	27.5	<50
S00432144	0.06	11	<1	<1	26.2	<50
S00432145	0.05	11	<1	<1	25.1	<50
S00432146	0.04	10	<1	<1	24.8	<50
S00432147	0.05	9	2	<1	23.4	<50
S00432148	0.05	10	2	<1	23.6	<50
S00432149	0.05	10	2	<1	23.6	<50
S00432150	<0.01	15	7	2	13.6	<50
*Std OREAS 70b	0.02	15	<1	<1	22.3	<50
*Std OREAS 680	0.13	2561	6	20	21.1	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50
*Std OREAS 70b	0.03	14	<1	<1	21.2	<50
*Std OREAS 680	0.11	2327	5	19	18.8	<50
*Blk BLANK	<0.01	<2	<1	<1	0.2	<50
*Rep S00432134	0.03	<2	<1	<1	23.8	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Rep S00432134	0.04	<2	<1	<1	23.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432101	224	<1	0.39	222	<5	14.1
S00432102	226	<1	0.47	241	<5	16.1
S00432103	246	<1	0.48	229	<5	16.5
S00432104	248	<1	0.49	232	<5	17.2
S00432105	236	<1	0.55	267	<5	18.1
S00432106	249	<1	0.42	203	<5	15.6
S00432107	206	<1	0.52	242	<5	17.9
S00432108	231	<1	0.56	237	<5	16.7
S00432109	497	<1	0.09	323	<5	17.9
S00432110	141	<1	0.04	11	<5	5.1
S00432111	192	<1	0.55	238	<5	17.1
S00432112	236	<1	0.44	221	<5	16.1
S00432113	245	<1	0.48	222	<5	17.2
S00432114	227	<1	0.47	231	<5	16.2
S00432115	183	<1	0.45	205	<5	15.3
S00432116	196	<1	0.46	224	<5	14.7
S00432117	204	<1	0.46	226	<5	15.8
S00432118	214	<1	0.45	236	<5	15.7
S00432119	225	<1	0.51	233	<5	18.0
S00432120	35	1	0.28	123	<5	8.0
S00432121	226	<1	0.48	227	<5	17.3

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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432122	243	<1	0.50	237	<5	15.8
S00432123	232	<1	0.49	227	<5	17.3
S00432124	188	<1	0.60	213	<5	18.0
S00432125	201	<1	0.60	236	<5	17.7
S00432126	137	<1	0.37	153	<5	11.8
S00432127	214	<1	0.49	220	<5	16.4
S00432128	195	<1	0.68	259	<5	18.5
S00432129	110	2	0.35	329	<5	12.4
S00432130	104	2	0.35	331	<5	12.2
S00432131	16	3	0.21	334	<5	10.4
S00432132	53	<1	0.03	15	<5	1.8
S00432133	27	1	0.39	399	<5	12.7
S00432134	45	1	0.44	337	<5	13.8
S00432135	117	<1	0.41	287	<5	13.0
S00432136	124	<1	0.33	145	<5	12.2
S00432137	58	<1	0.09	20	<5	5.7
S00432138	148	<1	0.85	280	<5	23.8
S00432139	136	<1	0.43	150	<5	18.1
S00432140	137	<1	0.04	12	<5	5.3
S00432141	135	<1	0.31	94	<5	12.4
S00432142	153	<1	0.62	218	<5	20.7
S00432143	81	<1	0.31	112	<5	10.8
S00432144	244	<1	0.79	192	<5	28.1
S00432145	208	<1	0.86	229	<5	24.0
S00432146	193	<1	0.93	266	<5	22.2
S00432147	159	2	0.70	269	<5	22.1
S00432148	165	2	0.73	323	<5	24.0
S00432149	165	2	0.76	294	<5	24.8
S00432150	17	1	0.10	78	<5	3.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 70b	79	<1	0.19	75	8	10.4
*Std OREAS 680	462	<1	0.56	256	<5	16.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	77	<1	0.15	62	<5	9.4
*Std OREAS 680	423	<1	0.48	224	<5	14.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432134	48	1	0.46	343	<5	14.3
*Rep S00432134	45	1	0.45	329	<5	13.9

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432101	1.7	105	0.023
S00432102	1.9	101	0.029
S00432103	2.0	93	0.039
S00432104	2.0	98	0.039
S00432105	1.9	126	0.073
S00432106	1.8	94	0.019
S00432107	2.0	114	0.020
S00432108	1.7	129	0.053
S00432109	2.3	51	0.021
S00432110	0.5	34	0.006
S00432111	1.8	120	0.008
S00432112	1.9	91	0.097
S00432113	1.9	99	0.263
S00432114	1.7	106	0.021
S00432115	1.7	114	0.083

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432116	1.6	104	0.057
S00432117	1.8	94	0.007
S00432118	1.7	96	0.012
S0043 119	2.0	106	0.537
S00432120	0.9	101	1.757
S00432121	2.0	102	0.197
S00432122	1.9	96	0.015
S00432123	2.0	92	0.107
S0043 1 4	2.1	141	0.680
S00432125	2.1	106	0.050
S00432126	1.3	80	0.107
S00432127	1.9	99	0.045
S00432128	2.3	97	0.189
S0043 1 9	1.4	99	1.173
S00432130	1.4	99	1.147
S00432131	1.2	99	1.862
S00432132	0.2	27	0.798
S00432133	1.5	128	0.647
S0043 134	1.6	133	0.712
S00432135	1.5	107	0.254
S00432136	1.3	66	0.210
S00432137	0.7	15	0.273
S00432138	2.4	116	0.075
S0043 139	2.0	86	0.041
S00432140	0.5	31	0.012
S00432141	1.4	62	0.069
S00432142	2.4	99	0.102
S00432143	1.2	50	4.209
S0043 144	3.1	94	0.048
S00432145	2.7	100	0.052

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare / Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-11860

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432146	2.6	106	0.065
S00432147	2.5	106	1.665
S00432148	2.7	98	1.878
S0043 149	2.8	95	1.972
S00432150	0.4	96	7.236
*Blk BLANK	-	-	0.005
*Rep S00432106	-	-	0.022
*Std GS314-2	-	-	2.519
*Std GS314-2	-	-	2.539
*Rep S00432135	-	-	0.252
*Blk BLANK	-	-	<0.005
*Std OREAS 70b	1.3	116	-
*Std OREAS 680	1.8	2304	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 70b	1.1	110	-
*Std OREAS 680	1.6	2259	-
*Blk BLANK	<0.1	<5	-
*Rep S00432134	1.7	135	-
*Rep S00432134	1.6	132	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Batch_No BBM21-12032

CLIENT URSA MAJOR MINERALS INCORPORATED

NO. OF SAI 39

DATE RECE 110821

DATE COM 41021

PROJECT Shakespeare exploration

CERTIFICATE COMMENTS

PO NUMBER *SD* Shakespeare/ Exploration/ 78 Samples (1-39)

METHOD	G_WGH_K	GE_FAI31v	GE_FAI31v	GE_FAI31v	GE_IMS90	GE_IMS90	GE_IMS90	GE_IMS90	GE_IMS90	GE_IMS90	GE_IMS90	GE_IMS90	GE_IMS90
ANALYTE	WTKG	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	
UNITS	kg	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
DETECTION	0.01	5	10	5	5	0.01	3	10	1	0.1	0.1	0.2	
S00432151	2.53	44	80	83	<5	7.5	42	185	1	3.2	5.1	0.4	
S00432152	2.6	57	120	162	<5	5.61	176	66	<1	5.5	5.7	0.7	
S00432153	1.88	183	200	260	<5	7.1	14	202	1	10.5	4.8	0.5	
S00432154	1.91	69	90	123	<5	7.24	8	183	2	5.1	4.5	0.4	
S00432155	3.04	101	120	229	<5	7.37	46	92	<1	7.5	3.1	0.3	
S00432156	2.84	25	30	41	<5	7.61	3	213	1	1.7	5.2	<0.2	
S00432157	3.02	31	40	50	<5	7.6	4	212	1	1.9	5.2	0.2	
S00432158	3.11	20	40	41	<5	8.35	<3	175	1	1.4	5.3	0.2	
S00432159	3.27	24	30	47	<5	8.4	3	216	2	1.7	5.1	0.2	
S00432160	0.76	<5	<10	<5	<5	1.22	<3	75	<1	<0.1	21.7	<0.2	
S00432161	2.99	147	250	297	<5	7.48	75	230	1	11.3	4.5	0.6	
S00432162	2.56	168	340	338	<5	7.37	108	212	1	14.5	4.7	0.7	
S00432163	2.7	248	540	518	<5	6.69	132	180	1	18.1	4.6	0.9	
S00432164	2.05	212	390	459	<5	7.44	113	157	1	18.7	4.9	0.7	
S00432165	2.84	158	290	335	<5	7.17	85	34	1	11.9	3.9	0.7	
S00432166	2.65	200	370	414	<5	7.77	93	48	1	13.8	4	0.7	
S00432167	2.51	187	290	379	<5	7.1	127	60	1	12.7	4.7	1	
S00432168	2.65	294	450	531	<5	7.1	181	63	<1	18.5	4.3	1.2	
S00432169	3.13	211	390	429	<5	6.23	118	87	<1	15.4	4.6	1	
S00432170	0.11	56	420	542	<5	2.79	193	80	<1	0.2	3.4	0.5	
S00432171	1.89	159	290	333	<5	6.51	79	132	<1	10.9	4.9	0.9	
S00432172	1.79	143	260	326	<5	6.54	99	153	1	10.6	4.8	0.6	

S00432173	2.53	275	600	616 <5	6.59	168	137 <1		20	4	1.2
S00432174	0.78 <5	<10	<5	<5	0.96 <3		67 <1		0.1	21.1 <0.2	
S00432175	1.41	16	50	38 <5	8.26	14	337	1	1.4	2.6 <0.2	
S00432176	2.35	205	470	468 <5	7.2	92	86 <1		14.5	4.7	1.1
S00432177	2.75	94	150	217 <5	8.03	20	97 <1		5.7	5.3	0.7
S00432178	2.49	63	100	140 <5	7.97	6	139 <1		4	5.2	0.5
S00432179	1.39	111	180	265 <5	7.36	34	140 <1		6.8	5	0.7
S00432180	1.18	105	180	244 <5	7.25	26	165 <1		6	5	0.7
S00432181	2.98	119	350	278 <5	7.48	39	160 <1		6.3	4.8	0.5
S00432182	3.16	87	180	195 <5	5.81	32	87 <1		4.9	4.6	0.5
S00432183	3.14	174	350	354 <5	6.7	379	46 <1		8.8	4.9	0.8
S00432184	3.63	185	280	334 <5	7.22	694	38 <1		6.6	5.1	0.7
S00432185	3.5	251	310	362 <5	7.4	434	58 <1		8.6	5.2	0.6
S00432186	3.48	136	230	206 <5	7.27	282	75 <1		3.8	5.3	0.6
S00432187	3.9	108	110	126 <5	7.31	425	56 <1		3	5.3	0.5
S00432188	3.72	164	280	313 <5	7.11	603	47 <1		4.5	5.1	0.8
S00432189	2.29	72	90	119 <5	7.79	409	134	1	1.8	5	0.6

St01:GS314-2_BBM21-12032

Ch:S00432159

Blank01_BBM21-12032

Blank02_BBM21-12032

St02:GS314-2_BBM21-12032

Ch:S00432184

St03:OREAS 70b_BBM21-12032

<5	4.19	127	207	1	0.6	3.4	0.7
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Ch:S00432172

<5	6.67	89	151	1	10.6	4.8	0.7
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Ch:S00432174

<5	0.94 <3		73 <1		0.1	20.4	0.4
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St04:OREAS 680_BBM21-12032

10	7.53	118	616	1	1.6	6	8.9
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Blank03_BBM21-12032 <5 <10 <5

St05:OREAS 681_BBM21-12032

50	490	230
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Ch:S00432163

248	590	508
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St06:OREAS 45f_BBM21-12032

21	40	57
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Blank04_BBM21-12032 <5 <10 <5

St07:OREAS 680_BBM21-12032

150	370	201
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Co	Cr	Cs	Cu	Fe	K	La	Li	Mg	Mn	Mo	Ni	P
ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	%
0.5	20	0.1	5	0.01	0.1	0.1	5	0.01	10	2	10	0.01
135	99	2.3	1385	11.61	0.9	19.2	17	3.13	1218	8	1272	0.04
256	63	0.7	4267	12.8	0.4	12	8	2.69	1089	8	2930	0.04
180	73	3.1	3255	12.26	1	19.7	13	2.85	1117	7	2404	0.04
144	80	3.5	1950	12.16	1	19.7	20	3.31	1207	3	1846	0.05
163	72	1.8	1324	13.65	0.5	23.5	28	4.48	1270	3	1935	0.05
66.7	70	3.2	635	10.86	1.1	18.3	13	3.19	1208	<2	453	0.04
71.8	85	3	779	11.07	1	17.3	17	3.21	1252	<2	490	0.04
61.2	94	2.5	522	10.05	0.9	16.6	17	3.73	1274	<2	333	0.04
65.1	145	2.7	558	9.36	0.9	19.7	16	4.12	1222	3	392	0.05
2.8	21	0.3	18	0.85	0.5	6.7	8	10.05	419	<2	23	0.01
200	337	3	2965	12.19	1.1	16.4	21	4.39	1194	15	3016	0.04
233	371	3.9	3475	13.2	1.1	16.6	18	4.36	1301	14	3300	0.04
327	250	3.5	5392	13.94	0.9	11.4	18	4.53	1220	10	4889	0.05
318	231	2.6	3919	13.95	0.8	11.8	17	5.29	1277	4	4836	0.05
217	509	0.4	3734	12.22	0.2	16	18	4.93	1176	10	3588	0.05
215	428	0.7	3476	12.32	0.3	12.4	17	5.17	1172	6	3606	0.04
212	525	0.9	4875	12.61	0.3	13.1	15	4.96	1283	9	3403	0.04
263	483	1.2	5741	13.58	0.4	12.7	16	4.87	1263	10	4352	0.04
249	469	1.7	5112	13.28	0.5	12.8	16	4.86	1387	10	4136	0.03
202	2917	2.5	3038	11.28	0.2	4	33	14.82	1330	<2	4150	0.04
238	403	2.4	4145	13.4	0.7	13.4	18	4.99	1437	10	3753	0.05
200	254	2.8	3237	12.12	0.8	14.8	16	4.45	1407	5	2833	0.04

355	220	2.9	6462	13.98	0.8	13.9	20	4.4	1355	10	5497	0.03
2.9 <20		0.4	25	0.77	0.4	7.1	8	9.62	417 <2		24	0.02
47.8	63	5.4	331	5.2	1.4	71.4	19	2.02	515	2	357	0.03
256	189	1.2	5510	12.65	0.5	12.7	16	4.68	1357	3	4269	0.03
128	166	0.7	2784	10.06	0.4	11.4	15	4.75	1317 <2		1767	0.02
93.6	191	0.7	1733	9.39	0.5	12.3	16	4.97	1286	2	1055	0.03
137	345	1	2528	10.3	0.6	13.7	16	5.39	1286	4	1980	0.03
135	376	1.1	2099	10.45	0.5	15.9	17	5.39	1309	4	1969	0.03
133	361	1	2496	10.13	0.6	13.6	19	5.24	1223	3	2088	0.04
145	526	1.5	2004	11.77	0.5	13.8	19	6.35	1456	3	1547	0.04
222	440	0.7	4168	12.2	0.3	11.9	16	5.52	1438	3	3243	0.04
208	383	0.4	3803	11.63	0.3	12.1	16	5.31	1517	3	2842	0.04
175	329	0.8	3264	11.86	0.4	10.9	16	5.25	1523 <2		2932	0.04
127	305	0.9	2487	10.67	0.4	11.6	16	4.9	1479 <2		1649	0.04
127	302	0.5	1834	10.49	0.3	13.4	15	4.91	1553 <2		995	0.04
145	288	0.3	3572	11.49	0.3	13.8	17	5.08	1516 <2		2537	0.04
95.7	193	0.8	1943	9.1	0.6	10.9	17	4.3	1285 <2		1079	0.02

78.9	1231	3.7	57	5.86	0.7	17.3	35	14.44	1129	3	2198	0.02
200	258	2.8	3350	12.38	0.8	15	17	4.49	1432	5	2886	0.04
3.1 <20		0.4	26	0.74	0.5	6.9	8	9.74	398 <2		39	0.02
355	2138	4.2	9864	12.32	1.3	18.9	14	3.96	1252	4	22263	0.13

Pb	S	Sb	Si	Sn	Sr	Te	Ti	V	W	Y	Yb	Zn	
ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
	2	1	1	0.1	50	10	1	0.01	5	5	0.5	0.1	5
	9	1 <1		23.5 <50		147	2	0.87	267 <5		21.5	2.7	104
	9	3 <1		24.7 <50		106	3	0.42	166 <5		13.4	1.7	108
	11	2 <1		23.1 <50		165	4	0.73	235 <5		21.3	2.4	104
	10	2 <1		23.9 <50		145	2	0.92	320 <5		23.2	2.5	106
	6	1 <1		22.4 <50		87	3	0.95	338 <5		22.6	2.4	122
	8 <1	<1		23.1 <50		151 <1		0.88	446 <5		20.7	2.3	88
	10 <1	<1		23.1 <50		164 <1		0.77	435 <5		17.8	2	96
	10 <1	<1		24.1 <50		214 <1		0.65	265 <5		18.4	1.9	89
	12 <1	<1		24.2 <50		228 <1		0.64	280 <5		21.4	2.3	91
	10 <1	<1		6 <50		153 <1		0.07	17 <5		7.6	0.6	38
	10	2 <1		22.8 <50		159	3	0.53	330 <5		20	2.3	109
	10	2 <1		23.2 <50		152	4	0.46	421 <5		17.8	2	107
	9	3 <1		21.1 <50		124	5	0.38	335	21	15.6	1.7	119
	14	3 <1		21.1 <50		157	6	0.37	246 <5		18.3	1.8	115
	13	2 <1		21.9 <50		134	3	0.51	410 <5		15.7	1.8	112
	9	2 <1		22.9 <50		142	4	0.46	367 <5		15.1	1.7	108
	10	2 <1		22.9 <50		131	4	0.52	410 <5		15.5	1.8	127
	9	3 <1		22.2 <50		111	5	0.47	382 <5		15.2	1.7	130
	9	2	4	22 <50		121	5	0.5	423 <5		17.7	1.9	130
	6	2	5	17.4 <50		36	1	0.34	148 <5		8.6	0.9	110
	9	2	1	23.8 <50		128	3	0.5	411 <5		15.5	1.9	125
	9	2 <1		23.2 <50		152	3	0.53	342 <5		17.9	2	107

13	3 <1		22.9 <50	132	6	0.53	306 <5	15.9	2	122
8 <1	<1		6.3 <50	148 <1		0.06	15 <5	7	0.6	41
16 <1	<1		30 <50	319 <1		0.52	144 <5	11.7	1.3	49
11	2 <1		23.9 <50	171	4	0.38	223 <5	14	1.4	113
15	1 <1		23.7 <50	223	2	0.36	209 <5	12.6	1.4	96
15 <1	<1		25 <50	205	1	0.39	242 <5	13.6	1.5	90
15	1 <1		24.7 <50	161	2	0.49	382 <5	16.2	1.8	107
12	1 <1		24.1 <50	157	2	0.49	386 <5	16.8	2	101
12	1 <1		24.1 <50	158	2	0.45	381 <5	15.4	1.7	100
10	1 <1		24.7 <50	77	2	0.53	494 <5	16.9	1.9	114
9	2 <1		23.8 <50	83	3	0.48	399 <5	15.3	1.7	126
9	1 <1		24.4 <50	87	2	0.47	356 <5	15.1	1.7	128
8	1 <1		24.6 <50	89	3	0.52	346 <5	16	1.8	125
9 <1	<1		24.7 <50	95	1	0.6	360 <5	17.5	1.9	119
9 <1	<1		25 <50	90 <1		0.68	386 <5	19.3	2.2	120
9	1 <1		24.6 <50	79	2	0.63	373 <5	19	2	131
10 <1		1	26.2 <50	130 <1		0.59	309 <5	13.2	1.6	109

15 <1	<1		22.3 <50	79 <1		0.19	75	8	10.4	1.3	116
10	2 <1		24.3 <50	156	3	0.54	345 <5		18.2	2.1	107
9 <1	<1		6 <50	143 <1		0.06	15 <5		7	0.8	41
2561	6	20	21.1 <50	462 <1		0.56	256 <5		16.4	1.8	2304

GE_CSA06V

S

%

0.005

1.254

3.442

2.419

1.717

1.622

0.344

0.41

0.215

0.257

0.01

1.775

2.04

3.083

2.72

2.228

2.032

2.088

2.722

2.385

1.867

2.034

1.605

2.972

0.013

0.135

2.216

0.925

0.553

1.051

1.023

1.138

1.014

1.776

1.226

1.335

0.689

0.327

1.083

0.395

2.583

0.248

<0.005

<0.005

2.604

1.222



ANALYSIS REPORT BBM21-12948

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	09-Sep-2021
Project	Shakespeare exploration	Date Analysed	18-Oct-2021 - 29-Nov-2021
Submission Number	*SD* Shakespeare /Exploration / 43	Date Completed	29-Nov-2021
Core		SGS Order Number	BBM21-12948
Number of Samples	43		

Methods Summary

Number of Sample	Method Code	Description
41	G PRP	Combined Sample Preparation
43	G_WGH_KG	Weight of samples received
43	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
43	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
43	GE IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
43	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations Manager



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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432308	2.53	145	260	308	<5	4.04
S00432309	1.76	222	320	463	<5	7.01
S00432310	0.70	<5	<10	<5	<5	0.84
S00432311	3.02	180	300	387	<5	6.86
S00432312	2.19	106	150	205	<5	7.25
S00432313	2.20	39	50	79	<5	7.19
S00432314	2.63	19	30	49	<5	7.85
S00432315	2.04	262	500	600	<5	6.65
S00432316	2.65	34	50	77	<5	7.23
S00432317	1.24	81	110	174	<5	7.44
S00432318	2.67	289	410	572	<5	6.68
S00432319	2.14	122	160	231	<5	7.53
S00432320	0.10	60	410	539	<5	2.81
S00432321	2.09	27	40	58	<5	7.24
S00432322	2.31	17	20	38	<5	8.02
S00432323	1.70	48	60	91	<5	6.61
S00432324	1.36	116	110	183	<5	6.97
S00432325	2.82	16	10	28	<5	7.83
S00432326	0.96	<5	<10	8	<5	6.48
S00432327	1.84	14	20	30	<5	7.76
S00432328	0.88	27	30	70	<5	7.24
S00432329	1.62	21	20	62	<5	7.22
S00432330	1.16	19	20	57	<5	7.60
S00432331	0.96	14	20	33	<5	7.71
S00432332	0.84	19	<10	17	<5	6.31
S00432333	2.55	17	20	34	<5	7.69
S00432334	1.70	14	20	30	<5	7.24
S00432335	2.15	22	60	30	<5	8.21
S00432336	1.64	19	40	17	<5	3.96

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432337	2.01	9	<10	15	<5	7.37
S00432338	2.11	7	<10	<5	<5	1.76
S00432339	2.37	6	<10	19	<5	9.14
S00432340	0.62	<5	<10	<5	<5	1.09
S00432341	2.94	7	<10	29	<5	9.07
S00432342	2.72	<5	<10	24	<5	7.14
S00432343	3.04	<5	<10	19	<5	8.07
S00432344	2.85	7	10	28	<5	7.77
S00432345	2.49	<5	<10	10	<5	7.97
S00432346	0.33	<5	<10	13	<5	8.68
S00432347	0.67	8	<10	7	<5	7.88
S00432348	1.07	7	<10	18	<5	7.58
S00432349	0.51	<5	<10	6	<5	7.21
S00432350	0.10	50	550	966	<5	1.56
*Dup S00432345	-	<5	<10	10	<5	8.26
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432314	-	-	-	-	<5	7.90
*Rep S00432315	-	-	-	-	<5	6.85
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	4.10
*Std OREAS 680	-	-	-	-	11	7.47
*Std OREAS 684	-	-	-	-	<5	6.01
*Rep S00432317	-	81	150	174	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00432342	-	<5	<10	24	-	-
*Std OREAS 680	-	164	420	233	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	51	520	241	-	-

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Order Number Exploration
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 Submission Number *SD* Shakespeare /Exploration / 43
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432308	38	88	<1	5.6	2.7	0.4
S00432309	118	126	<1	16.8	4.7	0.8
S00432310	5	68	<1	0.1	19.1	<0.2
S00432311	42	139	<1	10.7	5.0	0.7
S00432312	27	171	<1	4.4	4.2	0.5
S00432313	7	189	<1	1.6	5.2	0.2
S00432314	7	184	<1	0.9	5.5	<0.2
S00432315	74	147	<1	15.1	4.9	1.1
S00432316	11	177	<1	1.8	5.5	0.2
S00432317	25	181	<1	4.2	5.4	0.6
S00432318	140	127	<1	15.8	5.2	1.0
S00432319	100	172	<1	5.4	5.6	0.5
S00432320	188	76	<1	0.1	3.1	0.4
S00432321	6	116	<1	1.2	5.8	0.3
S00432322	5	160	<1	0.5	6.1	<0.2
S00432323	32	154	<1	1.6	5.3	0.3
S00432324	34	152	<1	3.0	5.5	0.4
S00432325	5	150	<1	0.4	6.1	<0.2
S00432326	19	60	<1	0.2	8.6	<0.2
S00432327	12	89	<1	0.4	6.2	<0.2
S00432328	9	62	<1	0.6	6.4	<0.2
S00432329	8	179	<1	0.3	5.2	0.2
S00432330	8	177	<1	0.4	5.3	0.3
S00432331	14	159	<1	0.3	5.1	<0.2
S00432332	3	65	<1	0.4	3.4	<0.2
S00432333	<3	177	1	0.3	6.2	0.3
S00432334	4	154	<1	0.3	6.8	0.3
S00432335	10	216	<1	0.3	4.0	0.4
S00432336	<3	89	<1	0.8	8.0	0.5

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Order Number Exploration
 Project Shakespeare exploration
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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432337	4	66	<1	0.2	4.5	<0.2
S00432338	<3	12	<1	0.1	11.5	0.3
S00432339	<3	46	<1	0.2	3.7	<0.2
S00432340	<3	84	<1	<0.1	19.5	0.4
S00432341	<3	44	<1	0.3	6.3	<0.2
S00432342	<3	60	<1	0.2	8.8	<0.2
S00432343	<3	133	<1	0.1	6.5	<0.2
S00432344	<3	142	<1	0.2	6.4	<0.2
S00432345	<3	167	<1	0.1	6.2	<0.2
S00432346	6	31	<1	<0.1	6.7	<0.2
S00432347	<3	121	<1	<0.1	6.0	<0.2
S00432348	4	96	<1	0.1	7.2	0.2
S00432349	4	55	<1	<0.1	7.0	<0.2
S00432350	3	19	<1	0.5	1.0	0.7
*Dup S00432345	<3	168	<1	0.1	6.4	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00432314	7	182	<1	0.8	5.6	<0.2
*Rep S00432315	81	165	<1	16.0	5.1	1.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 70b	146	199	1	0.8	3.2	0.4
*Std OREAS 680	105	624	1	1.7	5.7	8.1
*Std OREAS 684	<3	67	<1	0.4	4.4	0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432308	88.4	88	0.7	1726	5.44	0.3
S00432309	205	136	1.5	4094	10.52	0.6
S00432310	3.9	<20	0.3	38	0.65	0.4
S00432311	134	133	1.3	3020	9.97	0.6
S00432312	95.5	167	1.4	1650	9.51	0.7
S00432313	59.3	138	2.3	498	8.50	0.8
S00432314	63.0	133	2.2	236	8.60	0.9
S00432315	189	108	2.9	5571	11.12	0.8
S00432316	73.8	126	2.9	630	9.07	0.8
S00432317	110	125	3.3	2098	9.94	0.9
S00432318	222	121	2.0	5299	11.89	0.7
S00432319	123	112	3.2	2049	10.33	0.9
S00432320	206	3100	2.2	2868	10.81	0.2
S00432321	73.7	93	1.9	765	9.30	0.6
S00432322	61.0	91	2.1	170	9.10	0.9
S00432323	70.0	88	2.7	691	8.78	0.8
S00432324	87.7	69	2.9	1367	9.06	0.8
S00432325	57.0	83	2.2	590	8.59	0.8
S00432326	47.4	61	1.1	79	5.90	0.4
S00432327	69.6	91	1.7	285	10.26	0.5
S00432328	61.3	147	0.7	614	9.85	0.3
S00432329	59.1	124	1.8	476	9.15	0.8
S00432330	62.1	139	1.9	559	9.54	0.9
S00432331	60.3	105	1.7	544	9.00	0.8
S00432332	37.0	73	0.8	658	6.76	0.5
S00432333	48.2	66	2.6	530	8.17	1.0
S00432334	50.3	59	2.6	370	8.44	0.9
S00432335	53.2	65	1.6	382	8.90	0.8
S00432336	22.7	65	0.3	952	3.90	0.2

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432337	52.0	54	1.7	77	8.22	0.5
S00432338	10.9	43	0.1	391	2.10	<0.1
S00432339	58.8	72	1.6	16	10.37	0.3
S00432340	4.2	70	0.4	16	0.76	0.5
S00432341	54.1	65	0.4	56	9.89	0.3
S00432342	39.2	50	0.3	84	6.95	0.4
S00432343	50.4	61	1.1	83	8.41	0.7
S00432344	50.2	62	1.5	163	8.02	0.7
S00432345	51.7	64	2.2	144	8.31	0.8
S00432346	54.8	45	0.2	82	9.08	0.1
S00432347	45.2	60	3.4	217	8.01	1.1
S00432348	46.2	66	0.6	804	7.76	0.5
S00432349	45.5	53	0.3	69	8.26	0.3
S00432350	333	3653	0.2	4068	17.86	<0.1
*Dup S00432345	52.4	71	2.2	144	8.54	0.9
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432314	63.8	136	2.3	244	8.88	0.9
*Rep S00432315	196	111	3.0	5731	11.30	0.8
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 70b	82.2	1274	3.4	58	5.73	0.7
*Std OREAS 680	332	2078	4.0	8739	11.88	1.4
*Std OREAS 684	113	>10000	0.3	933	7.81	0.2

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432308	7.1	8	2.42	672	<2	1346
S00432309	13.1	14	3.63	1180	6	3629
S00432310	8.7	9	9.23	403	<2	37
S00432311	12.5	19	3.78	1230	5	2480
S00432312	11.5	17	4.45	1286	5	1290
S00432313	12.3	13	3.91	1284	2	475
S00432314	12.4	14	4.13	1341	<2	188
S00432315	11.5	12	3.58	1280	<2	3981
S00432316	13.9	14	3.88	1401	<2	489
S00432317	12.9	14	4.09	1398	2	1309
S00432318	11.5	14	3.77	1381	2	4170
S00432319	12.2	14	4.33	1467	<2	1481
S00432320	3.3	29	15.15	1353	<2	4001
S00432321	10.7	12	4.19	1461	<2	618
S00432322	11.1	14	4.44	1549	<2	150
S00432323	10.3	13	3.97	1364	<2	529
S00432324	10.4	11	3.73	1317	<2	1026
S00432325	11.1	15	4.08	1391	<2	200
S00432326	10.2	8	2.34	1255	<2	104
S00432327	9.8	16	4.83	1602	<2	223
S00432328	10.4	14	4.75	1597	<2	244
S00432329	10.5	17	4.70	1501	<2	202
S00432330	10.6	18	4.76	1547	<2	226
S00432331	9.7	22	4.67	1380	<2	192
S00432332	7.9	42	3.40	968	<2	113
S00432333	11.9	14	3.80	1411	<2	135
S00432334	11.8	20	3.69	1396	<2	120
S00432335	11.9	25	4.24	1314	<2	123
S00432336	4.8	11	1.77	872	3	73

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Order Number Exploration
 Project Shakespeare exploration
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 Core
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432337	10.1	19	3.78	1174	<2	101
S00432338	2.0	6	0.79	985	2	36
S00432339	12.3	26	4.86	1411	<2	139
S00432340	5.9	12	9.38	474	<2	156
S00432341	11.3	24	4.80	1460	<2	120
S00432342	8.5	11	3.64	1336	<2	86
S00432343	9.4	17	4.36	1472	<2	108
S00432344	9.1	17	4.27	1337	<2	140
S00432345	9.4	14	4.42	1330	<2	124
S00432346	7.6	19	4.76	1480	<2	122
S00432347	8.5	50	4.82	1211	<2	105
S00432348	10.1	12	4.03	1249	<2	107
S00432349	6.7	15	4.12	1293	<2	108
S00432350	1.3	<5	14.51	1059	3	15549
*Dup S00432345	9.6	16	4.47	1370	<2	112
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432314	12.4	15	4.20	1390	<2	193
*Rep S00432315	12.8	12	3.64	1299	<2	4127
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	14.5	38	13.72	1219	3	2269
*Std OREAS 680	17.3	17	4.04	1275	4	21232
*Std OREAS 684	3.2	5	10.69	1296	<2	2225

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432308	0.02	7	<1	<1	13.8	<50
S00432309	0.04	12	2	<1	24.6	<50
S00432310	0.02	8	<1	<1	5.9	<50
S00432311	0.03	12	1	<1	23.5	<50
S00432312	0.03	11	<1	<1	24.0	<50
S00432313	0.04	9	<1	<1	24.4	<50
S00432314	0.04	10	<1	<1	26.2	<50
S00432315	0.04	11	2	<1	23.0	<50
S00432316	0.04	11	<1	<1	25.4	<50
S00432317	0.04	11	<1	<1	25.6	<50
S00432318	0.04	13	2	<1	23.8	<50
S00432319	0.04	10	<1	<1	26.3	<50
S00432320	0.02	5	2	4	16.7	<50
S00432321	0.04	9	<1	<1	26.2	<50
S00432322	0.04	10	<1	<1	25.1	<50
S00432323	0.03	9	<1	<1	23.0	<50
S00432324	0.03	10	<1	<1	23.4	<50
S00432325	0.04	9	<1	<1	25.2	<50
S00432326	0.04	9	<1	<1	27.5	<50
S00432327	0.03	9	<1	<1	24.8	<50
S00432328	0.04	8	<1	<1	25.2	<50
S00432329	0.04	8	<1	<1	25.5	<50
S00432330	0.04	8	<1	<1	26.6	<50
S00432331	0.03	5	<1	<1	25.6	<50
S00432332	0.04	5	<1	<1	31.9	<50
S00432333	0.04	8	<1	<1	25.0	<50
S00432334	0.04	8	<1	<1	25.0	<50
S00432335	0.05	7	<1	<1	24.7	<50
S00432336	0.02	11	<1	<1	31.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432337	0.04	5	<1	<1	26.5	<50
S00432338	0.01	5	<1	<1	24.7	<50
S00432339	0.05	5	<1	<1	23.7	<50
S00432340	0.03	7	<1	<1	7.5	<50
S00432341	0.04	7	<1	<1	23.4	<50
S00432342	0.03	6	<1	<1	24.4	<50
S00432343	0.04	5	<1	<1	24.9	<50
S00432344	0.04	6	<1	<1	24.7	<50
S00432345	0.04	8	<1	<1	24.8	<50
S00432346	0.04	5	<1	<1	22.3	<50
S00432347	0.03	3	<1	<1	24.0	<50
S00432348	0.03	7	<1	<1	25.1	<50
S00432349	0.03	5	<1	<1	25.4	<50
S00432350	0.01	13	8	2	15.3	<50
*Dup S00432345	0.04	8	<1	<1	25.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432314	0.04	9	<1	<1	27.2	<50
*Rep S00432315	0.04	12	2	<1	23.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 70b	0.03	15	<1	<1	24.5	<50
*Std OREAS 680	0.14	2586	6	19	20.9	<50
*Std OREAS 684	0.02	12	<1	<1	22.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432308	102	1	0.25	121	<5	9.2
S00432309	189	4	0.48	185	<5	17.4
S00432310	150	<1	0.04	11	<5	6.8
S00432311	194	3	0.42	173	<5	16.1
S00432312	163	1	0.44	198	<5	15.7
S00432313	190	<1	0.46	208	<5	16.9
S00432314	193	<1	0.54	220	<5	17.5
S00432315	186	5	0.48	202	<5	18.3
S00432316	184	<1	0.53	205	<5	19.5
S00432317	182	1	0.51	201	<5	18.5
S00432318	172	4	0.44	191	<5	16.5
S00432319	175	1	0.49	206	<5	18.2
S00432320	30	1	0.31	138	<5	7.9
S00432321	170	<1	0.47	195	<5	17.0
S00432322	191	<1	0.49	202	<5	17.1
S00432323	172	<1	0.42	194	<5	16.0
S00432324	194	<1	0.42	193	<5	16.8
S00432325	196	<1	0.49	220	<5	17.7
S00432326	194	<1	0.44	147	<5	13.9
S00432327	153	<1	0.43	219	<5	16.2
S00432328	158	<1	0.46	212	<5	15.6
S00432329	146	<1	0.48	208	<5	16.0
S00432330	148	<1	0.48	214	<5	16.5
S00432331	140	<1	0.41	209	<5	14.3
S00432332	64	<1	0.43	163	<5	13.7
S00432333	182	<1	0.54	215	<5	19.2
S00432334	157	<1	0.52	202	<5	18.0
S00432335	122	<1	0.56	226	<5	19.0
S00432336	93	<1	0.23	99	<5	8.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432337	102	<1	0.46	202	<5	15.9
S00432338	92	<1	0.07	41	<5	3.6
S00432339	157	<1	0.60	258	<5	20.4
S00432340	157	<1	0.06	15	<5	7.4
S00432341	214	<1	0.53	252	<5	18.8
S00432342	195	<1	0.39	191	<5	13.6
S00432343	176	<1	0.45	217	<5	15.8
S00432344	197	<1	0.47	215	<5	15.8
S00432345	204	<1	0.45	217	<5	16.0
S00432346	151	<1	0.39	184	<5	12.6
S00432347	101	<1	0.42	217	<5	15.5
S00432348	176	<1	0.42	216	<5	14.9
S00432349	149	<1	0.31	188	<5	11.1
S00432350	<10	1	0.09	71	<5	3.4
*Dup S00432345	211	<1	0.47	224	<5	16.1
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432314	195	<1	0.54	225	<5	17.7
*Rep S00432315	187	4	0.49	207	<5	18.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	79	<1	0.18	70	5	10.6
*Std OREAS 680	444	<1	0.51	223	<5	16.3
*Std OREAS 684	158	<1	0.14	176	<5	4.4

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432308	0.9	55	1.267
S00432309	1.7	98	2.009
S00432310	0.5	36	0.027
S00432311	1.6	98	1.317
S00432312	1.5	95	0.605
S00432313	1.6	81	0.177
S00432314	1.6	86	0.049
S00432315	1.7	119	2.339
S00432316	2.0	96	0.223
S00432317	1.7	111	0.661
S00432318	1.7	128	2.426
S00432319	1.7	112	0.757
S00432320	0.7	105	1.789
S004323 1	1.6	99	0.352
S00432322	1.7	94	0.056
S00432323	1.5	93	0.291
S00432324	1.6	94	0.683
S00432325	1.8	89	0.117
S004323 6	1.4	60	0.017
S00432327	1.6	106	0.090
S00432328	1.5	101	0.121
S00432329	1.5	101	0.110
S00432330	1.6	106	0.126
S00432331	1.4	86	0.087
S00432332	1.2	63	0.151
S00432333	1.8	95	0.132
S00432334	1.8	96	0.106
S00432335	1.9	107	0.090
S00432336	0.8	70	0.152
S00432337	1.5	86	0.091

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 43
 Core
 Number of Samples 43

ANALYSIS REPORT BBM21-12948

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432338	0.6	31	0.056
S00432339	1.9	113	0.040
S00432340	0.6	98	0.017
S00432341	1.8	102	0.053
S00432342	1.3	68	0.033
S00432343	1.5	90	0.034
S00432344	1.6	83	0.067
S00432345	1.5	85	0.067
S00432346	1.2	95	0.035
S00432347	1.5	56	0.107
S00432348	1.4	88	0.142
S00432349	1.1	76	0.023
S00432350	0.3	92	7.119
*Dup S0043 345	1.6	90	0.054
*Std GS314-2	-	-	2.553
*Rep S00432328	-	-	0.118
*Blk BLANK	-	-	<0.005
*Blk BLANK	-	-	<0.005
*Std GS314	-	-	2.564
*Rep S00432349	-	-	0.022
*Blk BLANK	<0.1	<5	-
*Rep S00432314	1.7	90	-
*Rep S00432315	1.7	121	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 70b	1.1	116	-
*Std OREAS 680	1.6	2354	-
*Std OREAS 684	0.5	105	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare /Exploration / 43
Core
Number of Samples 43

ANALYSIS REPORT BBM21-12948

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-12949

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	09-Sep-2021
Project	Shakespeare exploration	Date Analysed	18-Oct-2021 - 19-Nov-2021
Submission Number	*SD* Shakespeare /Exploration / 50	Date Completed	21-Nov-2021
Core		SGS Order Number	BBM21-12949
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations Manager



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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	@Au GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432351	1.93	<10	<5	6	<5	6.38
S00432352	0.84	<10	<5	<5	<5	7.00
S00432353	1.38	<10	<5	<5	<5	7.17
S00432354	0.69	<10	6	<5	<5	7.19
S00432355	1.91	<10	8	<5	<5	7.20
S00432356	1.85	<10	9	<5	<5	7.49
S00432357	0.75	<10	8	<5	<5	6.62
S00432358	1.28	10	10	<5	<5	7.44
S00432359	0.48	<10	5	<5	<5	6.10
S00432360	0.69	<10	<5	<5	<5	1.13
S00432361	1.33	<10	8	<5	<5	7.20
S00432362	2.90	<10	<5	<5	<5	7.19
S00432363	2.07	30	35	20	<5	7.34
S00432364	1.68	390	498	300	<5	6.75
S00432365	2.56	370	451	320	<5	6.79
S00432366	2.34	400	516	332	<5	7.13
S00432367	2.23	440	556	516	<5	6.96
S00432368	2.43	420	584	522	<5	6.83
S00432369	2.55	450	549	498	<5	6.69
S00432370	0.11	410	543	59	<5	2.76
S00432371	2.39	460	553	507	<5	6.75
S00432372	2.45	440	506	368	<5	6.75
S00432373	2.54	330	452	257	<5	6.85
S00432374	3.46	<10	13	6	<5	7.60
S00432375	3.06	<10	9	<5	<5	7.22
S00432376	3.71	<10	8	<5	<5	7.24
S00432377	3.56	<10	9	5	<5	7.22
S00432378	0.56	10	10	<5	<5	6.92
S00432379	0.75	10	11	<5	<5	7.15

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	@Au GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432380	0.36	30	56	24	<5	6.25
S00432381	0.62	<10	7	11	<5	7.27
S00432382	2.51	450	559	267	<5	6.83
S00432383	2.48	420	459	204	<5	6.98
S00432384	1.49	520	666	368	<5	6.84
S00432385	1.51	430	555	369	<5	6.61
S00432386	1.47	410	502	274	<5	6.67
S00432387	2.19	480	617	299	<5	6.52
S00432388	2.21	420	526	239	<5	6.91
S00432389	2.25	500	622	328	<5	6.62
S00432390	0.80	<10	<5	<5	<5	1.00
S00432391	2.39	470	597	303	5	6.97
S00432392	2.61	500	635	393	<5	6.99
S00432393	1.77	500	560	396	<5	6.11
S00432394	2.20	560	610	400	<5	5.73
S00432395	1.29	180	289	239	<5	7.85
S00432396	3.19	570	646	448	<5	5.86
S00432397	1.81	510	548	337	<5	6.44
S00432398	1.51	480	585	385	<5	6.82
S00432399	1.60	560	565	382	<5	6.88
S00432400	0.11	580	1030	34	<5	1.44
*Dup S00432389	-	520	641	314	<5	6.83
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432367	-	-	-	-	<5	7.04
*Std OREAS 684	-	-	-	-	<5	5.88
*Std OREAS 70b	-	-	-	-	<5	3.77
*Std OREAS 680	-	-	-	-	9	7.02
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432393	-	-	-	-	<5	6.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	@Au GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Rep S00432353	-	<10	<5	<5	-	-
*Rep S00432385	-	380	536	353	-	-
*Blk BLANK	-	<10	<5	<5	-	-
*Blk BLANK	-	<10	<5	<5	-	-
*Std OREAS 680	-	360	209	151	-	-
*Std OREAS 681	-	500	244	52	-	-
*Std OREAS 45f	-	40	57	19	-	-
*Std OREAS 70b	-	-	-	-	<5	3.79
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 684	-	-	-	-	<5	5.98
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 680	-	-	-	-	11	6.89

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00432351	3	148	<1	<0.1	8.5	<0.2
S00432352	4	75	<1	<0.1	5.3	<0.2
S00432353	15	26	<1	0.1	7.7	<0.2
S00432354	6	44	<1	<0.1	8.1	<0.2
S00432355	4	80	<1	<0.1	7.6	<0.2
S00432356	5	113	<1	<0.1	8.1	<0.2
S00432357	3	111	<1	<0.1	7.5	<0.2
S00432358	<3	154	<1	<0.1	7.9	<0.2
S00432359	<3	138	<1	<0.1	8.5	<0.2
S00432360	<3	80	<1	<0.1	19.6	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432361	<3	107	<1	<0.1	7.8	<0.2
S00432362	7	111	<1	0.2	7.6	<0.2
S00432363	5	123	<1	1.0	7.7	<0.2
S00432364	69	100	<1	11.1	7.0	1.0
S00432365	171	71	<1	9.8	7.4	0.6
S00432366	379	73	<1	9.5	7.7	0.7
S00432367	228	123	<1	11.1	6.6	1.0
S00432368	227	107	<1	13.9	7.1	1.0
S00432369	180	77	<1	14.9	7.3	1.0
S00432370	222	86	<1	0.1	3.3	0.4
S00432371	406	81	<1	13.8	7.2	0.9
S00432372	86	74	<1	12.4	7.1	0.8
S00432373	10	92	<1	10.0	7.2	0.8
S00432374	<3	115	<1	0.2	7.8	<0.2
S00432375	<3	111	<1	0.2	8.1	<0.2
S00432376	<3	126	<1	0.2	7.3	<0.2
S00432377	<3	134	<1	0.2	6.7	<0.2
S00432378	<3	125	<1	0.3	7.0	<0.2
S00432379	<3	131	<1	0.2	7.0	<0.2
S00432380	5	44	<1	1.4	6.0	0.9
S00432381	<3	125	<1	0.2	7.3	0.6
S00432382	22	107	<1	11.0	7.2	1.1
S00432383	21	96	<1	15.0	7.3	1.1
S00432384	77	90	<1	15.6	7.2	1.2
S00432385	142	85	<1	14.6	7.2	1.1
S00432386	78	87	<1	13.2	7.2	1.2
S00432387	96	105	<1	14.4	6.9	1.1
S00432388	88	109	<1	13.7	7.3	1.0
S00432389	126	96	<1	13.6	7.0	1.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432390	<3	77	<1	2.8	19.4	<0.2
S00432391	112	145	<1	20.3	7.7	1.4
S00432392	255	138	<1	14.0	6.0	0.9
S00432393	141	59	<1	13.7	6.2	1.5
S00432394	219	38	<1	11.9	6.3	1.0
S00432395	99	17	<1	9.7	11.2	1.4
S00432396	164	71	<1	13.9	6.0	1.3
S00432397	182	48	<1	13.8	6.8	1.3
S00432398	113	91	<1	16.1	6.9	1.0
S00432399	110	90	<1	15.0	6.9	1.3
S00432400	6	20	<1	0.5	1.0	0.7
*Dup S00432389	115	85	<1	14.5	7.2	1.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00432367	242	103	<1	12.7	6.7	0.8
*Std OREAS 684	<3	65	<1	0.3	4.6	<0.2
*Std OREAS 70b	142	193	<1	0.6	3.1	0.3
*Std OREAS 680	117	660	1	1.5	5.7	7.1
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00432393	160	61	<1	13.3	6.1	1.5
*Std OREAS 70b	162	207	<1	0.8	3.1	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Std OREAS 684	5	70	<1	0.4	4.5	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 680	116	643	1	1.7	5.7	7.9

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432351	46.6	67	0.6	63	7.09	0.6
S00432352	53.6	74	0.7	36	8.43	0.3
S00432353	55.3	84	0.3	24	8.26	0.1
S00432354	43.3	86	2.8	44	7.19	0.6
S00432355	47.4	102	0.8	103	7.20	0.4
S00432356	55.6	72	1.5	94	8.26	0.5
S00432357	46.9	76	1.8	46	7.23	0.5
S00432358	50.3	74	1.9	25	7.99	0.6
S00432359	34.2	53	1.3	18	5.57	0.5
S00432360	2.2	<20	0.4	12	0.76	0.5
S00432361	51.6	71	1.3	64	7.92	0.5
S00432362	55.2	74	1.3	62	7.66	0.5
S00432363	69.9	77	1.6	392	8.08	0.6
S00432364	188	79	1.0	4652	10.11	0.4
S00432365	214	65	0.7	3345	9.54	0.2
S00432366	263	72	0.5	3027	10.34	0.3
S00432367	253	80	1.3	4565	10.78	0.4
S00432368	249	70	1.1	4788	10.80	0.5
S00432369	245	68	1.0	5843	11.10	0.4
S00432370	203	2995	2.4	2721	11.05	0.2
S00432371	271	77	1.0	5160	11.05	0.4
S00432372	230	70	0.9	4833	10.74	0.4
S00432373	173	73	1.1	4142	10.07	0.4
S00432374	48.7	75	1.4	103	8.07	0.5
S00432375	47.2	62	1.3	98	7.62	0.6
S00432376	47.6	65	1.0	125	7.64	0.6
S00432377	48.4	71	1.8	63	8.07	0.7
S00432378	45.0	72	1.5	116	7.91	0.6
S00432379	46.3	81	1.7	106	8.05	0.6

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432380	53.2	60	0.6	10191	9.05	0.2
S00432381	45.1	82	1.4	640	7.66	0.5
S00432382	206	78	1.3	5513	10.65	0.5
S00432383	249	74	1.7	6096	11.48	0.5
S00432384	257	71	1.0	6062	11.69	0.4
S00432385	259	66	1.0	6056	11.15	0.5
S00432386	256	68	1.1	5607	11.24	0.4
S00432387	290	65	1.3	5434	11.69	0.4
S00432388	300	68	1.3	5255	11.72	0.5
S00432389	279	72	1.2	6596	11.56	0.4
S00432390	2.6	<20	0.3	30	0.75	0.5
S00432391	311	78	1.2	6883	12.43	0.6
S00432392	338	81	2.2	3924	12.06	0.6
S00432393	317	75	0.8	6728	11.12	0.3
S00432394	371	79	0.4	4944	11.61	0.2
S00432395	184	48	0.2	5803	7.99	<0.1
S00432396	328	79	0.7	6182	11.26	0.3
S00432397	245	69	0.5	5669	10.67	0.2
S00432398	259	72	1.1	4495	11.42	0.4
S00432399	247	70	1.1	6696	11.42	0.4
S00432400	338	3243	0.2	4123	16.92	<0.1
*Dup S00432389	285	74	1.1	6977	11.65	0.4
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432367	255	69	1.2	4691	10.83	0.4
*Std OREAS 684	119	>10000	0.3	940	8.02	0.2
*Std OREAS 70b	82.4	1281	3.5	55	5.65	0.6
*Std OREAS 680	332	2119	4.1	8582	11.84	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432393	326	74	0.8	6800	11.27	0.3

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 70b	76.3	1233	3.3	54	5.68	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 684	108	>10000	0.3	930	8.16	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 680	340	2007	3.6	9131	11.79	1.3

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432351	8.0	17	3.99	1182	<2	107
S00432352	8.6	19	4.63	1203	<2	121
S00432353	8.9	10	4.45	1198	<2	121
S00432354	7.1	80	5.13	1026	<2	103
S00432355	7.5	9	4.54	1114	<2	120
S00432356	8.4	9	4.62	1343	<2	125
S00432357	7.5	9	4.08	1200	<2	110
S00432358	9.4	10	4.53	1303	<2	116
S00432359	8.6	10	3.02	1107	<2	88
S00432360	6.8	9	8.32	453	<2	<10
S00432361	8.3	9	4.56	1261	<2	120
S00432362	7.9	9	4.33	1208	<2	114
S00432363	8.0	10	4.48	1273	<2	396
S00432364	6.9	9	4.20	1162	<2	3789
S00432365	7.0	10	3.90	1100	<2	3584
S00432366	8.3	12	4.20	1159	<2	4221
S00432367	8.8	11	4.23	1149	<2	4644

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432368	7.8	10	4.43	1138	<2	4512
S00432369	7.2	8	4.03	1157	<2	4619
S00432370	3.8	28	13.71	1271	<2	3850
S00432371	7.5	14	4.22	1168	<2	4671
S00432372	7.2	9	4.09	1171	<2	4486
S00432373	7.6	10	4.22	1169	<2	3329
S00432374	9.1	11	4.40	1241	<2	195
S00432375	7.8	9	4.14	1235	<2	139
S00432376	8.2	10	4.52	1182	<2	128
S00432377	7.9	16	4.58	1191	<2	152
S00432378	7.7	12	4.68	1238	<2	171
S00432379	7.7	13	5.00	1266	<2	179
S00432380	8.2	14	3.84	1076	<2	563
S00432381	9.6	10	4.64	1249	<2	205
S00432382	7.7	10	4.21	1229	<2	4051
S00432383	7.1	12	4.11	1238	<2	4802
S00432384	7.2	10	4.08	1224	2	4652
S00432385	7.0	14	4.01	1163	2	4503
S00432386	7.2	8	3.98	1198	3	4594
S00432387	7.6	9	3.97	1198	4	4994
S00432388	8.0	10	4.11	1207	6	4910
S00432389	8.0	10	4.01	1188	7	4281
S00432390	7.0	9	9.04	436	13	31
S00432391	8.1	13	4.50	1273	8	5111
S00432392	7.9	15	4.75	1250	8	5090
S00432393	7.3	7	4.42	1208	7	5173
S00432394	7.2	6	4.32	1190	6	5836
S00432395	7.8	<5	1.77	915	2	2829
S00432396	9.1	9	4.15	1190	3	5186

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432397	7.2	5	3.97	1189	<2	3759
S00432398	7.7	8	4.28	1263	<2	4678
S00432399	7.9	8	4.28	1247	<2	4550
S00432400	1.4	<5	14.43	995	4	15174
*Dup S00432389	7.2	9	4.31	1202	7	4614
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432367	7.4	11	4.36	1159	<2	4739
*Std OREAS 684	3.1	6	10.40	1212	<2	2167
*Std OREAS 70b	14.6	34	13.12	1071	3	2077
*Std OREAS 680	17.8	13	3.57	1160	3	20146
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432393	7.7	9	4.34	1234	7	5243
*Std OREAS 70b	14.7	30	12.52	1124	4	2097
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 684	3.3	<5	10.20	1259	<2	2156
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 680	18.6	12	3.77	1231	5	21565

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432351	0.03	9	<1	<1	21.1	<50
S00432352	0.03	6	<1	<1	22.9	<50
S00432353	0.03	9	<1	<1	22.1	<50
S00432354	0.02	6	<1	<1	21.1	<50
S00432355	0.03	7	<1	<1	23.1	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432356	0.03	6	<1	<1	24.3	<50
S00432357	0.03	5	<1	<1	26.1	<50
S00432358	0.03	5	<1	<1	22.9	<50
S00432359	0.03	5	<1	<1	25.0	<50
S00432360	0.02	7	<1	<1	8.1	<50
S00432361	0.04	7	<1	<1	22.8	<50
S00432362	0.03	7	<1	<1	23.1	<50
S00432363	0.03	7	<1	<1	23.6	<50
S00432364	0.03	8	2	<1	21.7	<50
S00432365	0.03	11	2	<1	20.9	<50
S00432366	0.03	10	2	<1	20.3	<50
S00432367	0.03	8	2	<1	21.5	<50
S00432368	0.03	8	2	<1	22.0	<50
S00432369	0.04	9	2	<1	22.1	<50
S00432370	0.03	5	1	4	17.3	<50
S00432371	0.03	8	2	1	21.9	<50
S00432372	0.04	8	2	<1	22.2	<50
S00432373	0.03	10	2	<1	21.8	<50
S00432374	0.03	7	<1	<1	24.1	<50
S00432375	0.03	7	<1	<1	22.9	<50
S00432376	0.04	7	<1	<1	23.1	<50
S00432377	0.03	5	<1	<1	23.5	<50
S00432378	0.03	6	<1	<1	23.2	<50
S00432379	0.04	5	<1	<1	23.9	<50
S00432380	0.03	6	<1	<1	25.7	<50
S00432381	0.04	13	<1	<1	24.6	<50
S00432382	0.03	8	2	<1	21.7	<50
S00432383	0.03	9	2	<1	22.5	<50
S00432384	0.03	9	2	<1	21.6	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432385	0.03	10	2	<1	21.2	<50
S00432386	0.04	9	2	<1	21.4	<50
S00432387	0.03	9	2	<1	21.0	<50
S00432388	0.03	10	2	<1	21.8	<50
S00432389	0.04	9	2	<1	21.3	<50
S00432390	0.02	7	<1	<1	6.8	<50
S00432391	0.03	12	4	<1	23.3	<50
S00432392	0.03	7	3	<1	19.4	<50
S00432393	0.03	8	3	<1	20.5	<50
S00432394	0.03	8	3	<1	21.7	<50
S00432395	0.03	22	2	2	20.2	<50
S00432396	0.03	8	3	<1	21.3	<50
S00432397	0.02	8	3	<1	22.6	<50
S00432398	0.02	7	3	<1	21.9	<50
S00432399	0.03	8	3	<1	22.0	<50
S00432400	<0.01	13	8	2	14.3	<50
*Dup S00432389	0.04	11	2	<1	21.5	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432367	0.04	9	2	<1	21.8	<50
*Std OREAS 684	0.02	12	<1	<1	21.6	<50
*Std OREAS 70b	0.03	12	<1	<1	22.0	<50
*Std OREAS 680	0.12	2584	4	18	19.2	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432393	0.03	8	3	<1	20.1	<50
*Std OREAS 70b	0.02	17	<1	<1	22.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 684	0.03	12	<1	<1	22.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 680	0.12	2372	6	18	20.1	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432351	129	<1	0.39	215	<5	13.2
S00432352	120	<1	0.44	229	<5	13.4
S00432353	190	<1	0.43	243	<5	14.8
S00432354	100	<1	0.35	196	<5	13.5
S00432355	168	<1	0.40	224	<5	13.1
S00432356	171	<1	0.46	250	<5	14.9
S00432357	144	<1	0.41	217	<5	13.5
S00432358	163	<1	0.46	241	<5	14.8
S00432359	170	<1	0.30	180	<5	12.2
S00432360	146	<1	0.06	13	<5	7.8
S00432361	176	<1	0.45	246	<5	14.7
S00432362	181	<1	0.43	228	<5	14.0
S00432363	172	<1	0.44	235	<5	14.6
S00432364	157	4	0.38	217	<5	12.5
S00432365	173	3	0.36	215	<5	12.1
S00432366	180	3	0.39	228	<5	13.6
S00432367	165	4	0.41	225	<5	13.6
S00432368	173	4	0.39	232	<5	13.5
S00432369	164	4	0.40	231	<5	12.7
S00432370	31	<1	0.32	128	<5	8.1
S00432371	151	4	0.41	231	<5	13.5
S00432372	171	4	0.39	231	<5	13.7
S00432373	171	3	0.40	233	<5	13.0
S00432374	189	<1	0.44	242	<5	15.0
S00432375	190	<1	0.43	229	<5	13.9
S00432376	177	<1	0.42	239	<5	13.9
S00432377	174	<1	0.44	236	<5	14.3
S00432378	168	<1	0.41	243	<5	15.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432379	165	<1	0.44	248	<5	15.1
S00432380	139	<1	0.30	219	<5	11.3
S00432381	182	<1	0.48	241	<5	15.3
S00432382	150	4	0.39	223	<5	12.4
S00432383	152	4	0.38	222	<5	12.6
S00432384	156	4	0.39	211	<5	13.1
S00432385	153	4	0.38	200	<5	12.8
S00432386	161	4	0.38	200	<5	12.7
S00432387	140	4	0.38	198	<5	12.5
S00432388	149	4	0.40	206	<5	13.3
S00432389	154	5	0.37	206	<5	12.8
S00432390	137	<1	0.06	10	<5	6.7
S00432391	171	4	0.43	233	<5	13.4
S00432392	139	4	0.46	225	<5	13.6
S00432393	141	5	0.43	236	<5	12.6
S00432394	140	4	0.44	233	<5	12.1
S00432395	349	4	0.18	165	<5	6.8
S00432396	130	5	0.41	236	<5	12.1
S00432397	166	4	0.38	247	<5	12.4
S00432398	166	4	0.43	251	<5	13.2
S00432399	173	4	0.43	251	<5	13.3
S00432400	<10	<1	0.10	74	<5	3.4
*Dup S00432389	156	4	0.40	209	<5	12.8
*Blk BLANK	<10	<1	<0.01	<5	<5	0.6
*Rep S00432367	169	4	0.41	229	<5	13.3
*Std OREAS 684	152	<1	0.14	172	<5	4.6
*Std OREAS 70b	72	<1	0.18	64	5	9.8
*Std OREAS 680	407	<1	0.51	211	<5	15.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Rep S00432393	137	5	0.43	234	<5	12.8
*Std OREAS 70b	71	<1	0.19	66	<5	9.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 684	159	<1	0.15	179	<5	4.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 680	418	<1	0.50	224	<5	14.6

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432351	1.4	69	0.043
S00432352	1.3	81	0.049
S00432353	1.5	73	0.026
S00432354	1.3	77	0.418
S00432355	1.4	66	0.064
S00432356	1.6	76	0.061
S00432357	1.5	69	0.023
S00432358	1.5	74	0.025
S00432359	1.4	55	0.025
S00432360	0.7	38	0.015
S00432361	1.6	72	0.044
S00432362	1.5	66	0.039
S00432363	1.3	77	0.163
S00432364	1.4	103	2.169
S00432365	1.2	80	1.999
S00432366	1.5	87	2.265
S00432367	1.5	96	2.548

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432368	1.3	112	2.456
S00432369	1.3	111	2.665
S00432370	0.9	100	1.772
S00432371	1.4	104	2.491
S00432372	1.4	95	2.431
S00432373	1.5	87	1.933
S00432374	1.6	71	0.049
S00432375	1.4	67	0.031
S00432376	1.6	67	0.049
S00432377	1.5	62	0.040
S00432378	1.5	68	0.047
S00432379	1.6	69	0.060
S00432380	1.3	107	1.146
S004323 1	1.6	96	0.090
S00432382	1.3	100	2.344
S00432383	1.2	107	2.601
S00432384	1.3	102	2.675
S00432385	1.3	99	2.701
S004323 6	1.4	134	2.644
S00432387	1.4	102	2.923
S00432388	1.4	95	2.886
S00432389	1.3	104	2.782
S00432390	0.6	44	0.016
S00432391	0.9	111	2.969
S00432392	1.5	99	2.729
S00432393	1.4	117	3.121
S00432394	1.5	116	3.284
S00432395	0.7	70	2.101
S00432396	1.4	131	3.141
S00432397	1.2	109	2.418

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare /Exploration / 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-12949

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432398	1.4	101	2.665
S00432399	1.3	114	2.769
S00432400	0.4	96	7.218
*Dup S0043 3 9	1.3	106	2.943
*Blk BLANK	<0.1	<5	-
*Rep S00432367	1.3	96	-
*Std OREAS 684	0.5	98	-
*Std OREAS 70b	1.1	125	-
*Std OREAS 6 0	1.6	2099	-
*Blk BLANK	<0.1	<5	-
*Rep S00432393	1.5	116	-
*Rep S00432354	-	-	0.428
*Std GS314-2	-	-	2.586
*Blk BLANK	-	-	0.007
*Rep S00432382	-	-	2.302
*Std GS314-2	-	-	2.523
*Blk BLANK	-	-	<0.005
*Std OREAS 70b	1.1	105	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 684	0.6	106	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 680	1.6	2399	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-12982

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO:Exploration	Date Received	14-Sep-2021
Project	Shakespeare exploration	Date Analysed	19-Oct-2021 - 25-Nov-2021
Submission Number	*SD* Shakespeare/Exploration/50	Date Completed	25-Nov-2021
Samples		SGS Order Number	BBM21-12982
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations Manager



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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00432401	0.48	343	360	614	7	5.47
S00432402	2.49	300	400	515	<5	6.83
S00432403	2.13	232	440	522	<5	6.74
S00432404	2.27	239	480	528	<5	6.82
S00432405	2.38	228	440	508	<5	6.79
S00432406	2.05	259	450	533	<5	6.84
S00432407	2.43	282	520	647	<5	6.94
S00432408	2.17	292	520	610	<5	6.89
S00432409	2.34	229	430	507	<5	6.54
S00432410	0.94	<5	<10	<5	<5	1.02
S00432411	3.05	269	520	602	<5	6.78
S00432412	0.79	205	400	458	<5	6.05
S00432413	2.40	292	490	581	<5	6.78
S00432414	2.71	269	540	614	<5	6.82
S00432415	2.48	261	510	580	<5	6.78
S00432416	2.60	303	560	634	<5	6.95
S00432417	2.62	257	470	570	<5	6.58
S00432418	2.35	259	470	567	<5	7.25
S00432419	2.59	286	510	603	<5	6.97
S00432420	0.10	62	430	570	<5	2.80
S00432421	2.62	238	560	550	<5	7.06
S00432422	2.49	214	470	492	<5	7.05
S00432423	1.25	156	270	328	<5	7.21
S00432424	2.43	138	260	270	<5	7.27
S00432425	1.30	12	20	24	<5	7.50
S00432426	1.60	6	<10	<5	<5	7.95
S00432427	0.44	10	<10	7	<5	4.34
S00432428	2.06	16	20	28	<5	6.45
S00432429	0.99	102	180	205	<5	6.09

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00432430	0.86	142	210	254	<5	6.51
S00432431	1.10	100	160	188	<5	8.78
S00432432	0.83	173	250	303	<5	7.73
S00432433	0.91	37	60	68	<5	8.51
S00432434	1.82	135	230	271	<5	7.97
S00432435	2.70	77	130	162	<5	7.68
S00432436	2.98	9	20	22	<5	8.12
S00432437	2.28	45	70	85	<5	7.33
S00432438	1.27	112	190	226	<5	7.82
S00432439	3.46	82	130	155	<5	7.88
S00432440	0.82	<5	<10	<5	<5	0.95
S00432441	2.48	51	100	114	<5	7.47
S00432442	3.37	100	180	211	<5	7.39
S00432443	1.64	180	270	323	<5	8.26
S00432444	1.30	44	70	78	<5	8.18
S00432445	2.93	6	10	11	<5	8.44
S00432446	3.46	<5	<10	6	<5	8.27
S00432447	3.56	<5	10	12	<5	7.82
S00432448	2.99	<5	<10	10	<5	8.01
S00432449	2.93	<5	20	15	<5	8.88
S00432450	0.10	31	540	937	<5	1.48
*Dup S00432439	-	88	150	171	<5	7.48
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	151	380	209	-	-
*Std OREAS 681	-	52	520	244	-	-
*Std OREAS 45f	-	19	40	57	-	-
*Rep S00432419	-	269	450	561	-	-
*Rep S00432443	-	-	-	-	<5	7.74

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 70b	-	-	-	-	<5	4.11
*Std OREAS 684	-	-	-	-	<5	6.25
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	3.79
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432415	-	-	-	-	<5	6.74
*Std OREAS 684	-	-	-	-	<5	5.98
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432418	-	-	-	-	<5	7.03
*Std OREAS 680	-	-	-	-	11	6.89
*Blk BLANK	-	<5	<10	<5	-	-
*Rep S00432429	-	112	190	209	-	-
*Std OREAS 680	-	156	410	212	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	49	500	225	-	-
*Std OREAS 45f	-	19	40	56	-	-

Element Method	As GE_IMS90A50	Ba GE_IMS90A50	Be GE_IMS90A50	Bi GE_IMS90A50	Ca GE_IMS90A50	Cd GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432401	1168	57	<1	15.1	4.7	2.2
S00432402	118	102	<1	15.2	6.9	1.1
S00432403	126	82	<1	15.5	7.1	1.0
S00432404	77	101	<1	15.9	7.0	1.1
S00432405	77	101	<1	15.0	7.1	1.2

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432406	286	93	<1	14.5	6.9	1.2
S00432407	1064	106	<1	14.4	6.7	0.8
S00432408	182	71	<1	16.2	7.3	1.1
S00432409	454	87	<1	15.2	7.6	1.2
S00432410	7	89	<1	<0.1	20.3	<0.2
S00432411	114	108	<1	18.8	6.9	1.2
S00432412	747	109	<1	13.8	8.1	1.1
S00432413	236	71	<1	16.4	6.9	1.1
S00432414	131	82	<1	18.5	7.2	1.1
S00432415	191	85	<1	18.2	6.9	1.1
S00432416	152	91	<1	19.4	7.1	1.1
S00432417	657	74	<1	17.3	6.8	1.3
S00432418	151	97	<1	18.2	6.9	1.1
S00432419	164	99	<1	17.8	7.2	1.2
S00432420	231	84	<1	0.2	3.3	0.5
S00432421	86	108	<1	16.6	7.2	1.2
S00432422	23	109	<1	15.3	7.2	1.3
S00432423	31	121	<1	10.1	7.0	0.8
S00432424	14	123	<1	7.8	7.3	0.7
S00432425	8	105	<1	0.7	7.3	<0.2
S00432426	<3	205	<1	0.3	7.0	<0.2
S00432427	15	83	<1	3.6	11.5	1.5
S00432428	8	25	<1	0.8	7.4	0.3
S00432429	39	19	<1	3.1	6.8	0.2
S00432430	57	30	<1	3.6	7.1	0.5
S00432431	35	52	<1	3.5	8.4	0.3
S00432432	31	109	<1	4.5	5.7	0.5
S00432433	20	196	<1	1.2	6.3	0.3
S00432434	17	162	<1	5.5	6.6	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432435	21	136	<1	3.6	6.6	0.4
S00432436	4	147	<1	0.5	7.0	<0.2
S00432437	17	126	<1	1.9	6.8	0.6
S00432438	17	154	<1	5.8	6.9	0.6
S00432439	29	144	<1	3.8	7.0	0.4
S00432440	4	81	<1	<0.1	20.3	0.3
S00432441	33	151	<1	3.1	6.5	0.5
S00432442	27	169	<1	5.0	6.6	0.6
S00432443	9	170	<1	6.1	7.6	1.4
S00432444	3	155	<1	1.3	7.6	0.5
S00432445	<3	169	<1	0.2	7.1	<0.2
S00432446	<3	155	<1	0.1	7.5	<0.2
S00432447	<3	122	<1	0.1	7.7	<0.2
S00432448	<3	108	<1	0.2	8.2	<0.2
S00432449	4	181	<1	0.2	7.8	<0.2
S00432450	5	22	<1	0.5	1.0	0.7
*Dup S00432439	31	154	<1	4.6	6.7	0.5
*Rep S00432443	9	160	<1	6.0	7.1	1.3
*Std OREAS 70b	130	192	<1	1.8	3.4	0.4
*Std OREAS 684	<3	71	<1	0.3	4.8	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 70b	162	207	<1	0.8	3.1	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Rep S00432415	204	84	<1	17.5	6.9	1.1
*Std OREAS 684	5	70	<1	0.4	4.5	0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00432418	164	91	<1	17.0	6.9	1.2
*Std OREAS 680	116	643	1	1.7	5.7	7.9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method	Co GE_IMS90A50	Cr GE_IMS90A50	Cs GE_IMS90A50	Cu GE_IMS90A50	Fe GE_IMS90A50	K GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432401	594	63	0.8	8967	10.23	0.3
S00432402	235	77	1.1	5570	11.07	0.4
S00432403	261	67	1.0	5303	11.28	0.4
S00432404	259	70	1.1	5688	11.41	0.4
S00432405	220	64	1.2	5786	11.08	0.5
S00432406	189	70	1.2	5372	10.56	0.4
S00432407	314	71	1.5	3964	10.92	0.5
S00432408	184	69	0.9	5935	11.23	0.3
S00432409	268	64	1.1	5900	10.75	0.4
S00432410	2.1	<20	0.3	23	0.69	0.4
S00432411	278	61	1.2	5856	12.00	0.5
S00432412	376	70	1.1	3749	10.08	0.5
S00432413	277	68	0.7	5861	11.76	0.3
S00432414	295	68	1.0	5739	12.05	0.4
S00432415	276	73	1.0	5661	12.18	0.4
S00432416	269	69	1.1	5333	12.05	0.4
S00432417	386	68	1.0	5831	12.32	0.3
S00432418	288	67	1.2	5622	11.72	0.5
S00432419	306	67	1.3	5719	12.34	0.4
S00432420	190	2761	2.2	2822	11.58	0.2
S00432421	272	70	1.5	5350	11.56	0.5
S00432422	257	69	1.4	5231	11.40	0.5
S00432423	163	60	1.7	3391	9.92	0.5
S00432424	136	61	1.5	2945	9.56	0.6
S00432425	47.3	60	1.1	397	8.37	0.4
S00432426	49.1	66	1.2	785	8.29	0.7
S00432427	76.0	37	0.5	5818	5.09	0.3
S00432428	42.5	62	0.1	425	7.35	0.1

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432429	80.5	63	0.2	2628	8.50	0.1
S00432430	107	68	0.2	3388	8.90	0.1
S00432431	78.6	67	0.2	4068	8.74	0.2
S00432432	118	61	0.4	2857	9.33	0.3
S00432433	54.8	63	1.7	407	8.10	0.7
S00432434	97.1	58	1.9	2938	9.00	0.6
S00432435	83.5	57	1.9	1691	8.55	0.6
S00432436	55.1	62	2.2	216	8.20	0.7
S00432437	63.7	56	1.6	940	7.66	0.5
S00432438	107	55	1.8	2353	8.81	0.6
S00432439	92.3	64	1.8	1543	8.62	0.7
S00432440	2.3	<20	0.3	16	0.71	0.4
S00432441	85.5	56	1.6	1150	7.84	0.7
S00432442	113	62	1.9	1817	8.78	0.6
S00432443	136	60	1.8	5797	9.65	0.8
S00432444	55.2	56	1.7	1130	7.84	0.7
S00432445	46.0	50	2.4	421	7.23	0.8
S00432446	47.4	56	1.8	152	7.49	0.7
S00432447	47.0	52	1.3	115	7.47	0.5
S00432448	50.7	55	1.0	150	7.57	0.5
S00432449	47.0	58	1.7	93	7.55	0.7
S00432450	326	2981	0.2	3940	16.28	<0.1
*Dup S00432439	93.9	58	1.6	1754	8.64	0.7
*Rep S00432443	128	52	1.7	5331	8.86	0.7
*Std OREAS 70b	80.4	1258	3.4	56	5.67	0.7
*Std OREAS 684	112	>10000	0.3	935	7.90	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 70b	76.3	1233	3.3	54	5.68	0.6

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432415	280	70	1.0	5603	11.95	0.4
*Std OREAS 684	108	>10000	0.3	930	8.16	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432418	293	70	1.2	5325	11.84	0.4
*Std OREAS 680	340	2007	3.6	9131	11.79	1.3

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432401	6.5	11	3.44	929	<2	4668
S00432402	7.7	9	4.05	1213	<2	4147
S00432403	7.9	8	4.02	1217	<2	4451
S00432404	7.5	8	4.06	1238	<2	4784
S00432405	7.6	8	4.12	1255	<2	4327
S00432406	7.7	8	3.99	1212	<2	4275
S00432407	7.7	9	4.38	1269	<2	4552
S00432408	8.3	7	4.10	1258	<2	4895
S00432409	7.9	7	4.08	1265	<2	4341
S00432410	6.9	7	8.83	423	3	15
S00432411	8.3	9	4.11	1259	4	5381
S00432412	10.2	17	3.69	1115	5	5579
S00432413	7.6	8	4.00	1215	6	5023
S00432414	7.9	7	4.07	1243	7	5265
S00432415	7.6	8	4.17	1258	7	5125
S00432416	8.3	8	4.21	1253	8	4860

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432417	8.1	8	3.80	1228	8	5397
S00432418	8.4	11	3.86	1401	7	5348
S00432419	8.4	10	4.21	1313	6	5228
S00432420	3.8	25	13.37	1368	<2	3927
S00432421	8.3	8	4.02	1275	5	4583
S00432422	8.3	8	4.05	1283	2	4377
S00432423	9.1	10	4.09	1272	<2	2782
S00432424	8.5	9	4.23	1298	<2	2475
S00432425	9.8	23	4.43	1241	<2	205
S00432426	9.6	12	4.64	1321	<2	162
S00432427	5.2	7	2.10	1007	<2	432
S00432428	8.2	5	4.25	1281	<2	330
S00432429	6.7	8	4.68	1285	<2	921
S00432430	7.1	7	4.81	1376	<2	1338
S00432431	13.3	8	4.00	1219	<2	855
S00432432	6.9	12	4.47	1297	<2	1842
S00432433	8.0	14	4.36	1257	<2	526
S00432434	7.9	11	4.03	1251	<2	1697
S00432435	7.9	10	4.15	1271	<2	1255
S00432436	8.4	11	4.29	1364	<2	242
S00432437	8.9	11	3.96	1212	<2	663
S00432438	8.3	11	4.17	1274	<2	1960
S00432439	8.6	12	4.23	1301	<2	1394
S00432440	6.6	8	8.49	438	<2	17
S00432441	7.9	12	4.18	1253	<2	949
S00432442	8.6	10	4.19	1296	<2	1830
S00432443	7.9	11	4.39	1313	<2	1846
S00432444	7.8	10	4.52	1308	<2	408
S00432445	8.4	11	4.18	1176	<2	196

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432446	10.3	10	4.24	1269	<2	116
S00432447	10.2	9	3.98	1283	<2	108
S00432448	10.2	9	4.41	1280	<2	168
S00432449	9.2	10	4.41	1237	<2	157
S00432450	1.5	<5	14.92	973	2	15024
*Dup S00432439	7.9	13	4.21	1292	<2	1507
*Rep S00432443	7.5	11	4.10	1215	<2	1724
*Std OREAS 70b	13.4	33	13.71	1153	3	2131
*Std OREAS 684	3.3	<5	10.70	1239	<2	2127
*Blk BLANK	0.2	<5	<0.01	<10	<2	<10
*Blk BLANK	0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	14.7	30	12.52	1124	4	2097
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432415	7.6	8	4.23	1245	8	5034
*Std OREAS 684	3.3	<5	10.20	1259	<2	2156
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432418	7.7	10	4.05	1262	8	4933
*Std OREAS 680	18.6	12	3.77	1231	5	21565

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432401	0.02	17	4	1	25.0	<50
S00432402	0.03	8	3	<1	22.4	<50
S00432403	0.02	15	3	<1	22.0	<50
S00432404	0.02	9	3	<1	22.0	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432405	0.02	8	3	<1	22.1	<50
S00432406	0.02	8	3	<1	22.2	<50
S00432407	0.04	7	3	2	22.8	<50
S00432408	0.04	7	3	<1	22.6	<50
S00432409	0.04	8	3	<1	22.7	<50
S00432410	0.02	6	<1	<1	5.9	<50
S00432411	0.04	9	4	<1	22.0	<50
S00432412	0.03	19	4	1	21.0	55
S00432413	0.02	8	4	<1	22.2	<50
S00432414	0.02	9	4	<1	21.8	<50
S00432415	0.02	8	4	<1	22.3	<50
S00432416	0.02	11	4	<1	22.5	<50
S00432417	0.02	8	4	<1	21.9	<50
S00432418	0.03	8	2	<1	22.8	<50
S00432419	0.02	8	4	<1	22.9	<50
S00432420	0.04	3	3	3	17.7	<50
S00432421	0.04	8	4	<1	22.9	<50
S00432422	0.03	8	3	<1	23.1	<50
S00432423	0.04	7	2	<1	23.0	<50
S00432424	0.04	12	2	<1	23.5	<50
S00432425	0.04	13	<1	<1	23.9	<50
S00432426	0.03	6	<1	<1	24.8	<50
S00432427	0.02	11	2	<1	25.0	<50
S00432428	0.03	6	<1	<1	25.5	<50
S00432429	0.04	6	<1	<1	23.1	<50
S00432430	0.03	7	<1	<1	24.4	<50
S00432431	0.03	12	<1	<1	22.6	<50
S00432432	0.02	7	2	<1	23.3	<50
S00432433	0.03	5	<1	<1	23.8	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432434	0.02	6	<1	<1	23.5	<50
S00432435	0.03	5	<1	<1	23.2	<50
S00432436	0.03	5	<1	<1	24.9	<50
S00432437	0.04	6	<1	<1	23.6	<50
S00432438	0.04	6	<1	<1	23.2	<50
S00432439	0.02	6	<1	<1	24.0	<50
S00432440	0.02	6	<1	<1	6.8	<50
S00432441	0.03	6	<1	<1	22.9	<50
S00432442	0.03	6	1	<1	22.9	<50
S00432443	0.03	10	2	<1	22.4	<50
S00432444	0.03	6	<1	<1	22.2	<50
S00432445	0.03	6	<1	<1	22.1	<50
S00432446	0.04	7	<1	<1	22.7	<50
S00432447	0.05	6	<1	<1	22.3	<50
S00432448	0.04	6	<1	<1	22.5	<50
S00432449	0.04	7	<1	<1	21.9	<50
S00432450	0.02	12	7	2	13.2	<50
*Dup S00432439	0.03	6	<1	<1	23.6	<50
*Rep S00432443	0.02	9	2	<1	20.7	<50
*Std OREAS 70b	0.04	12	<1	<1	22.0	<50
*Std OREAS 684	0.01	11	<1	<1	20.8	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 70b	0.02	17	<1	<1	22.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432415	0.04	8	4	<1	22.3	<50
*Std OREAS 684	0.03	12	<1	<1	22.3	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432418	0.04	7	4	<1	22.3	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Std OREAS 680	0.12	2372	6	18	20.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432401	127	5	0.34	204	<5	11.3
S00432402	170	4	0.42	252	<5	13.0
S00432403	168	4	0.41	249	<5	12.6
S00432404	168	4	0.42	248	<5	12.6
S00432405	169	4	0.41	242	<5	12.7
S00432406	172	4	0.43	240	<5	13.3
S00432407	169	4	0.43	248	<5	14.1
S00432408	183	4	0.47	247	<5	14.0
S00432409	164	4	0.45	237	<5	12.9
S00432410	146	<1	0.06	12	<5	6.7
S00432411	161	4	0.45	242	<5	13.5
S00432412	150	3	0.39	213	<5	12.0
S00432413	173	4	0.40	238	<5	13.1
S00432414	166	4	0.43	242	<5	13.0
S00432415	160	4	0.43	241	<5	13.0
S00432416	174	5	0.43	244	<5	13.2
S00432417	155	4	0.42	230	<5	12.5
S00432418	155	4	0.39	253	<5	13.3
S00432419	152	4	0.45	255	<5	13.5
S00432420	29	1	0.35	132	<5	8.3
S00432421	160	4	0.44	254	<5	13.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432422	164	3	0.45	254	<5	13.5
S00432423	167	2	0.47	251	<5	13.9
S00432424	173	2	0.47	254	<5	14.6
S00432425	169	<1	0.46	254	<5	15.0
S00432426	175	<1	0.54	267	<5	16.9
S00432427	143	3	0.22	135	<5	8.6
S00432428	147	<1	0.48	237	<5	14.4
S00432429	119	<1	0.47	224	<5	14.6
S00432430	134	1	0.50	235	<5	15.3
S00432431	233	<1	0.43	264	<5	16.1
S00432432	143	1	0.42	184	<5	10.7
S00432433	172	<1	0.41	204	<5	13.1
S00432434	177	1	0.42	206	<5	12.3
S00432435	171	1	0.44	204	<5	12.4
S00432436	178	<1	0.45	213	<5	13.1
S00432437	175	<1	0.38	199	<5	14.4
S00432438	178	1	0.39	200	<5	12.6
S00432439	183	<1	0.38	211	<5	12.0
S00432440	145	<1	0.06	12	<5	6.3
S00432441	169	<1	0.36	197	<5	11.6
S00432442	166	1	0.37	206	<5	11.8
S00432443	180	2	0.46	204	<5	12.2
S00432444	164	<1	0.44	208	<5	12.1
S00432445	176	<1	0.46	194	<5	15.7
S00432446	178	<1	0.55	233	<5	15.8
S00432447	167	<1	0.54	241	<5	15.1
S00432448	181	<1	0.52	248	<5	16.6
S00432449	190	2	0.49	214	<5	13.4
S00432450	<10	2	0.11	72	<5	3.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Dup S00432439	172	1	0.38	204	<5	11.8
*Rep S00432443	163	2	0.42	189	<5	11.0
*Std OREAS 70b	70	<1	0.20	68	<5	9.7
*Std OREAS 684	150	<1	0.16	178	<5	4.2
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	71	<1	0.19	66	<5	9.6
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432415	160	4	0.43	240	<5	13.1
*Std OREAS 684	159	<1	0.15	179	<5	4.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432418	155	4	0.44	239	<5	13.2
*Std OREAS 680	418	<1	0.50	224	<5	14.6

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432401	1.2	156	3.874
S00432402	1.4	111	2.526
S00432403	1.3	113	2.629
S00432404	1.3	105	2.742
S00432405	1.2	105	2.570
S00432406	1.1	103	2.379
S00432407	1.4	99	2.091
S00432408	1.4	104	2.679
S00432409	1.3	105	2.500
S00432410	0.5	38	0.022

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432411	1.4	107	3.039
S00432412	1.2	83	2.977
S00432413	1.3	101	2.884
S00432414	1.2	102	3.083
S00432415	1.2	107	2.868
S00432416	1.3	108	2.842
S00432417	1.2	117	3.301
S00432418	1.4	107	2.817
S00432419	1.3	110	2.877
S00432420	0.7	109	1.872
S00432421	1.2	97	2.630
S00432422	1.2	97	2.486
S00432423	1.4	96	1.612
S004324 4	1.5	106	1.406
S00432425	1.5	71	0.128
S00432426	1.7	75	0.100
S00432427	1.0	115	1.325
S00432428	1.5	80	0.117
S004324 9	1.3	64	0.876
S00432430	1.4	90	1.045
S00432431	1.5	66	0.933
S00432432	0.9	82	1.299
S00432433	1.1	78	0.173
S00432434	1.3	92	1.096
S00432435	1.3	89	0.714
S00432436	1.4	80	0.072
S00432437	1.5	91	0.302
S00432438	1.4	94	1.004
S00432439	1.4	89	0.664
S00432440	0.5	39	0.014

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432441	1.3	83	0.447
S00432442	1.3	97	0.949
S00432443	1.5	133	1.678
S00432444	1.4	98	0.209
S00432445	1.7	73	0.077
S00432446	1.9	78	0.036
S00432447	1.9	77	0.037
S00432448	2.2	78	0.162
S00432449	1.7	77	0.098
S00432450	0.5	92	7.118
*Dup S00432439	1.2	87	0.731
*Rep S00432411	-	-	3.047
*Blk BLANK	-	-	<0.005
*Std GS314	-	-	2.549
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.513
*Std GS314-2	-	-	2.586
*Blk BLANK	-	-	0.007
*Std GS314	-	-	2.523
*Blk BLANK	-	-	<0.005
*Rep S00432443	1.3	122	-
*Std OREAS 70b	1.2	109	-
*Std OREAS 684	0.6	102	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Std OREAS 70b	1.1	105	-
*Blk BLANK	<0.1	<5	-
*Rep S00432415	1.3	107	-
*Std OREAS 6 4	0.6	106	-
*Blk BLANK	<0.1	<5	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/Exploration/50
Sample
Number of Samples 50

ANALYSIS REPORT BBM21-12982

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Rep S00432418	1.3	106	-
*Std OREAS 680	1.6	2399	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-12984

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO:Exploration	Date Received	14-Sep-2021
Project	Shakespeare exploration	Date Analysed	20-Oct-2021 - 14-Dec-2021
Submission Number	*SD* Shakespeare/Exploration/50	Date Completed	14-Dec-2021
Samples		SGS Order Number	BBM21-12984
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
50	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Authorised Signatory

John Chiang
Laboratory Operations Manager



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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00432451	1.52	7	10	13	<5	9.48
S00432452	2.24	<5	10	11	<5	9.49
S00432453	1.78	<5	<10	8	<5	7.36
S00432454	3.33	<5	10	14	<5	8.77
S00432455	3.42	<5	10	14	<5	8.43
S00432456	1.67	<5	<10	<5	<5	2.39
S00432457	1.56	<5	<10	<5	<5	2.83
S00432458	2.02	<5	10	13	<5	11.26
S00432459	1.36	<5	10	12	<5	4.80
S00432460	0.85	<5	<10	<5	<5	0.98
S00432461	2.66	13	30	39	<5	8.44
S00432462	1.33	<5	<10	13	<5	8.37
S00432463	2.38	181	390	408	<5	7.89
S00432464	4.25	233	430	482	<5	7.82
S00432465	0.86	121	170	192	5	6.25
S00432466	3.37	<5	10	14	<5	8.42
S00432467	1.35	<5	20	18	<5	8.36
S00432468	1.97	132	280	320	<5	7.85
S00432469	2.39	212	430	492	<5	7.82
S00432470	0.10	69	430	539	<5	2.95
S00432471	1.91	217	370	462	<5	7.73
S00432472	2.16	238	390	435	<5	7.69
S00432473	0.55	8	<10	<5	<5	1.20
S00432474	2.67	243	410	423	<5	7.88
S00432475	2.49	253	360	421	<5	7.81
S00432476	2.65	131	200	262	<5	8.00
S00432477	3.99	6	10	17	<5	8.06
S00432478	3.52	<5	10	8	<5	8.34
S00432479	1.69	<5	20	23	<5	8.50

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00432480	1.72	<5	30	110	<5	8.47
S00432481	0.95	<5	<10	11	<5	8.53
S00432482	3.24	<5	<10	<5	<5	7.60
S00432483	0.72	6	<10	15	<5	6.50
S00432484	2.74	<5	10	10	<5	6.77
S00432485	3.82	<5	<10	<5	<5	6.60
S00432486	2.39	<5	<10	<5	<5	6.64
S00432487	2.41	<5	<10	<5	<5	6.85
S00432488	2.32	<5	<10	<5	<5	6.76
S00432489	0.74	61	130	95	<5	6.42
S00432490	0.55	<5	<10	<5	<5	1.08
S00432491	3.00	198	430	328	<5	6.87
S00432492	2.50	339	320	388	<5	6.91
S00432493	2.78	237	380	342	<5	6.76
S00432494	1.72	248	280	372	<5	7.61
S00432495	0.70	79	60	131	<5	4.04
S00432496	1.72	78	130	142	<5	7.53
S00432497	1.26	14	<10	45	<5	3.03
S00432498	3.44	65	80	106	<5	6.60
S00432499	0.51	304	320	710	11	6.40
S00432500	0.11	64	510	959	<5	1.45
*Dup S00432489	-	59	90	81	<5	6.48
*Rep S00432494	-	246	260	374	-	-
*Std OREAS 70b	-	-	-	-	<5	4.11
*Std OREAS 684	-	-	-	-	<5	6.25
*Rep S00432458	-	-	-	-	<5	11.42
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432497	-	17	30	46	-	-

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 680	-	155	390	219	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432498	-	-	-	-	<5	7.08
*Std OREAS 680	-	-	-	-	10	7.32
*Std OREAS 70b	-	-	-	-	<5	3.92
*Std OREAS 684	-	-	-	-	<5	5.98
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	156	410	212	-	-
*Rep S00432466	-	<5	10	13	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	49	500	225	-	-
*Std OREAS 45f	-	19	40	56	-	-

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432451	5	93	<1	0.2	9.0	<0.2
S00432452	6	91	<1	0.2	7.0	<0.2
S00432453	<3	63	<1	0.1	9.6	<0.2
S00432454	<3	262	<1	0.1	7.5	<0.2
S00432455	3	202	<1	0.2	6.0	<0.2
S00432456	<3	132	<1	<0.1	4.2	<0.2
S00432457	<3	86	<1	<0.1	1.7	<0.2
S00432458	40	197	<1	0.5	4.2	<0.2
S00432459	17	38	<1	<0.1	4.8	<0.2

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432460	<3	62	<1	<0.1	21.9	<0.2
S00432461	48	171	<1	0.6	6.5	0.2
S00432462	4	191	<1	0.2	7.3	<0.2
S00432463	61	162	<1	10.0	7.1	0.9
S00432464	171	144	<1	14.6	6.8	1.0
S00432465	102	15	<1	9.2	9.6	1.4
S00432466	<3	192	<1	0.2	7.5	<0.2
S00432467	<3	144	<1	0.3	7.5	<0.2
S00432468	10	154	<1	6.9	7.3	0.7
S00432469	18	146	<1	11.4	7.0	0.9
S00432470	191	85	<1	0.1	3.4	0.4
S00432471	18	136	<1	12.2	6.9	0.9
S00432472	69	153	<1	11.0	6.8	1.0
S00432473	<3	99	<1	<0.1	20.9	<0.2
S00432474	77	128	<1	11.8	7.5	0.9
S00432475	63	160	<1	10.6	6.7	0.8
S00432476	35	60	<1	4.6	8.5	0.5
S00432477	4	110	<1	0.4	8.0	0.2
S00432478	<3	171	<1	<0.1	7.2	0.2
S00432479	<3	146	<1	0.1	7.8	<0.2
S00432480	<3	144	<1	<0.1	7.8	<0.2
S00432481	<3	193	<1	0.1	7.1	<0.2
S00432482	<3	238	1	0.1	7.7	<0.2
S00432483	<3	145	1	0.2	7.2	<0.2
S00432484	<3	242	1	0.3	6.1	<0.2
S00432485	<3	187	1	<0.1	6.8	<0.2
S00432486	<3	262	1	0.1	6.3	<0.2
S00432487	<3	209	1	0.1	6.7	<0.2
S00432488	<3	199	1	<0.1	6.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Samples
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432489	5	324	<1	3.3	3.9	0.2
S00432490	<3	99	<1	<0.1	20.7	0.2
S00432491	39	386	1	12.5	4.4	0.8
S00432492	60	343	<1	16.2	3.2	0.8
S00432493	68	265	1	14.5	4.1	1.0
S00432494	77	315	1	13.0	4.8	0.6
S00432495	8	87	<1	8.9	6.2	1.3
S00432496	10	428	<1	5.9	4.3	0.3
S00432497	5	85	<1	3.8	2.6	0.4
S00432498	14	340	1	3.6	4.0	0.5
S00432499	418	339	1	15.8	3.6	1.1
S00432500	5	21	<1	0.5	1.1	0.6
*Dup S00432489	8	313	<1	3.4	3.8	0.3
*Std OREAS 70b	130	192	<1	1.8	3.4	0.4
*Std OREAS 684	<3	71	<1	0.3	4.8	0.2
*Rep S00432458	41	205	<1	0.4	4.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00432498	9	366	2	3.6	4.3	0.4
*Std OREAS 680	122	688	1	1.6	6.2	7.6
*Std OREAS 70b	138	209	<1	0.9	3.3	0.4
*Std OREAS 684	<3	65	<1	0.4	4.8	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432451	69.9	53	1.7	301	8.62	0.6
S00432452	73.6	54	0.8	263	9.68	0.5
S00432453	62.8	52	0.5	145	9.11	0.3
S00432454	44.4	67	1.7	126	6.86	0.9
S00432455	46.7	66	1.0	91	7.60	0.7
S00432456	6.9	93	0.6	47	1.91	0.6
S00432457	16.3	60	0.5	118	3.34	0.5
S00432458	70.5	86	1.1	277	9.50	0.8
S00432459	38.7	49	0.4	27	7.31	0.2
S00432460	2.1	<20	0.3	10	0.73	0.4
S00432461	80.7	53	1.3	597	7.87	0.6
S00432462	55.4	49	1.6	96	7.68	0.7
S00432463	182	48	1.5	4337	10.17	0.6
S00432464	297	51	1.1	5208	11.61	0.5
S00432465	182	56	0.2	9365	9.93	<0.1
S00432466	49.9	65	2.0	99	7.91	0.8
S00432467	51.0	67	1.3	136	7.73	0.6
S00432468	143	67	1.2	3419	9.56	0.6
S00432469	204	64	1.0	4417	10.50	0.5
S00432470	191	2855	2.2	2657	10.83	0.2
S00432471	204	58	1.0	4973	10.27	0.5
S00432472	211	62	1.0	4528	10.25	0.5
S00432473	3.0	<20	0.3	28	0.82	0.5
S00432474	214	58	0.9	4500	10.52	0.4
S00432475	206	70	0.7	4160	10.55	0.5
S00432476	129	64	0.2	2048	9.06	0.2
S00432477	47.5	63	0.3	164	7.80	0.4
S00432478	50.7	67	0.9	103	7.90	0.5
S00432479	52.8	73	1.5	113	8.08	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432480	55.2	86	1.3	122	8.16	0.6
S00432481	47.1	51	1.6	273	7.59	0.8
S00432482	57.5	48	0.8	131	12.08	0.8
S00432483	102	35	0.4	450	12.07	0.5
S00432484	49.2	61	0.6	91	10.80	0.6
S00432485	52.5	58	1.0	92	10.69	0.6
S00432486	50.8	59	1.9	101	10.25	0.8
S00432487	52.0	62	0.9	95	11.06	0.7
S00432488	50.1	54	1.0	176	10.93	0.6
S00432489	113	98	1.8	918	9.75	0.8
S00432490	2.5	22	0.3	13	0.77	0.5
S00432491	242	95	2.9	4272	13.18	1.3
S00432492	225	101	3.8	3625	12.82	1.2
S00432493	284	128	2.4	4580	13.92	1.0
S00432494	223	122	3.5	3054	13.56	1.2
S00432495	182	57	0.2	6085	6.80	0.3
S00432496	135	124	4.2	1148	12.12	1.6
S00432497	208	65	0.3	674	9.06	0.4
S00432498	103	101	3.7	677	11.32	1.3
S00432499	542	178	2.0	22262	17.80	1.3
S00432500	340	3537	0.2	4148	17.17	<0.1
*Dup S00432489	114	99	2.0	961	9.44	0.9
*Std OREAS 70b	80.4	1258	3.4	56	5.67	0.7
*Std OREAS 684	112	>10000	0.3	935	7.90	0.2
*Rep S00432458	70.2	84	1.1	269	9.42	0.9
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Rep S00432498	106	101	3.9	715	12.00	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
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 Number of Samples 50

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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Std OREAS 680	332	2189	3.9	8979	12.54	1.3
*Std OREAS 70b	77.2	1266	3.4	53	5.85	0.6
*Std OREAS 684	109	>10000	0.2	911	8.17	0.2

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432451	6.6	37	4.54	1224	<2	277
S00432452	7.8	23	5.03	1402	<2	267
S00432453	4.6	25	4.66	1436	<2	214
S00432454	8.9	9	4.39	1201	<2	135
S00432455	8.0	15	4.55	1224	<2	122
S00432456	1.7	7	0.72	339	5	30
S00432457	0.9	10	1.52	395	4	77
S00432458	12.6	28	4.26	1156	<2	277
S00432459	3.5	23	3.51	923	3	370
S00432460	6.0	8	9.69	448	<2	<10
S00432461	12.2	16	4.05	1198	<2	269
S00432462	8.7	11	3.92	1320	<2	123
S00432463	8.7	11	3.75	1320	3	2959
S00432464	9.4	12	3.83	1259	8	4921
S00432465	8.3	11	2.97	1024	3	2381
S00432466	7.5	13	4.53	1328	<2	145
S00432467	8.3	10	4.40	1290	<2	138
S00432468	8.0	18	4.28	1286	<2	2581
S00432469	7.6	11	4.30	1273	<2	3935

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432470	3.7	27	14.21	1326	<2	3817
S00432471	7.2	11	4.13	1242	<2	3861
S00432472	8.1	11	4.29	1275	<2	3725
S00432473	8.0	8	9.29	434	<2	21
S00432474	7.9	10	4.23	1307	<2	3909
S00432475	7.0	11	4.36	1306	<2	3598
S00432476	7.8	7	4.48	1346	<2	1974
S00432477	8.7	8	4.40	1346	<2	144
S00432478	9.8	11	4.44	1350	<2	119
S00432479	7.8	12	4.62	1394	<2	119
S00432480	8.1	10	4.72	1395	<2	144
S00432481	9.9	14	4.36	1316	<2	120
S00432482	18.7	18	3.57	1795	<2	49
S00432483	12.5	10	3.43	1562	<2	208
S00432484	17.9	18	3.56	1570	<2	125
S00432485	16.3	12	3.54	1625	<2	54
S00432486	15.4	16	3.48	1565	<2	53
S00432487	16.2	14	3.64	1633	<2	50
S00432488	16.5	12	3.66	1675	<2	93
S00432489	19.9	19	2.63	1004	5	1508
S00432490	6.9	8	9.06	454	<2	11
S00432491	21.9	18	2.69	1226	11	3647
S00432492	15.8	19	2.81	1073	8	3375
S00432493	19.1	17	2.67	1228	16	3807
S00432494	19.7	18	3.03	1412	12	2801
S00432495	9.2	<5	0.32	574	5	2779
S00432496	19.8	22	2.89	1262	7	1696
S00432497	7.5	7	1.41	746	3	2741
S00432498	19.8	20	3.00	1312	4	1140

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432499	18.4	23	2.77	1102	63	5524
S00432500	1.3	<5	14.75	1020	3	15623
*Dup S00432489	21.5	18	2.49	1010	6	1424
*Std OREAS 70b	13.4	33	13.71	1153	3	2131
*Std OREAS 684	3.3	<5	10.70	1239	<2	2127
*Rep S00432458	13.1	29	4.28	1157	<2	273
*Blk BLANK	0.2	<5	<0.01	<10	<2	<10
*Blk BLANK	0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432498	21.0	23	3.22	1393	4	1174
*Std OREAS 680	18.9	21	3.90	1275	4	21130
*Std OREAS 70b	15.0	33	13.32	1172	3	2197
*Std OREAS 684	3.4	7	10.58	1272	<2	2198

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S0043 451	0.03	8	<1	<1	19.4	<50
S00432452	0.06	9	<1	<1	20.0	<50
S00432453	0.02	6	<1	<1	20.7	<50
S00432454	0.04	8	<1	<1	23.1	<50
S00432455	0.03	6	<1	<1	22.7	<50
S00432456	<0.01	5	<1	<1	31.8	<50
S00432457	<0.01	3	<1	<1	39.0	<50
S00432458	0.04	6	<1	<1	19.0	<50
S00432459	0.02	<2	<1	<1	26.9	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432460	0.02	8	<1	<1	6.0	<50
S00432461	0.03	10	<1	<1	22.2	<50
S00432462	0.04	8	<1	<1	22.7	<50
S00432463	0.03	9	2	<1	21.8	<50
S00432464	0.03	9	3	<1	21.0	<50
S00432465	0.02	8	3	<1	20.0	<50
S00432466	0.04	6	<1	<1	22.6	<50
S00432467	0.03	7	<1	<1	22.6	<50
S00432468	0.04	7	2	<1	22.2	<50
S00432469	0.03	7	2	<1	20.6	<50
S00432470	0.03	4	2	3	16.6	<50
S00432471	0.04	8	2	<1	21.1	<50
S00432472	0.03	7	2	<1	20.8	<50
S00432473	0.03	7	<1	<1	6.5	<50
S00432474	0.04	8	2	1	21.3	<50
S00432475	0.03	7	2	<1	21.2	<50
S00432476	0.03	9	1	2	22.5	<50
S00432477	0.03	7	<1	1	23.1	<50
S00432478	0.04	6	<1	<1	22.9	<50
S00432479	0.04	6	<1	<1	24.1	<50
S00432480	0.03	6	<1	<1	24.1	<50
S00432481	0.03	8	<1	<1	23.4	<50
S00432482	0.11	5	<1	<1	22.1	<50
S00432483	0.11	14	<1	<1	21.7	<50
S00432484	0.10	6	<1	<1	19.8	<50
S00432485	0.11	8	<1	<1	19.8	<50
S00432486	0.10	6	<1	<1	20.0	<50
S00432487	0.10	6	<1	<1	20.4	<50
S00432488	0.10	6	<1	<1	20.5	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432489	0.06	8	<1	<1	23.9	<50
S00432490	0.02	7	<1	<1	6.8	<50
S00432491	0.05	10	3	<1	23.1	<50
S00432492	0.03	19	3	<1	24.4	<50
S00432493	0.04	10	4	<1	22.8	<50
S00432494	0.05	10	3	<1	22.4	<50
S00432495	0.01	15	4	<1	32.1	<50
S00432496	0.05	9	2	<1	23.9	<50
S00432497	0.02	5	3	<1	32.7	<50
S00432498	0.05	8	2	<1	25.4	<50
S00432499	0.04	13	8	<1	20.4	<50
S00432500	0.02	13	7	2	14.7	<50
*Dup S00432489	0.05	8	1	<1	26.0	<50
*Std OREAS 70b	0.04	12	<1	<1	22.0	<50
*Std OREAS 684	0.01	11	<1	<1	20.8	<50
*Rep S00432458	0.04	6	<1	<1	18.9	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432498	0.05	8	2	<1	27.4	<50
*Std OREAS 680	0.13	2602	6	18	20.8	<50
*Std OREAS 70b	0.03	12	<1	<1	23.1	<50
*Std OREAS 684	0.02	12	<1	<1	22.2	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
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 Submission Number *SD* Shakespeare/Exploration/50
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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432451	116	<1	0.48	194	<5	8.2
S00432452	171	<1	0.57	231	<5	11.1
S00432453	93	<1	0.47	169	<5	18.8
S00432454	193	<1	0.50	206	<5	13.1
S00432455	154	<1	0.49	219	<5	12.5
S00432456	47	<1	0.04	65	<5	2.1
S00432457	26	<1	0.02	70	<5	1.4
S00432458	138	<1	0.62	284	<5	18.7
S00432459	26	<1	0.17	112	<5	3.8
S00432460	143	<1	0.06	13	<5	6.4
S00432461	176	<1	0.51	212	<5	14.9
S00432462	194	<1	0.45	216	<5	13.1
S00432463	176	3	0.46	214	<5	12.5
S00432464	179	4	0.44	202	<5	12.7
S00432465	153	4	0.35	159	<5	10.2
S00432466	182	<1	0.44	208	<5	11.7
S00432467	182	<1	0.42	204	<5	12.4
S00432468	165	2	0.43	201	<5	11.6
S00432469	169	3	0.41	195	<5	11.4
S00432470	29	<1	0.36	133	<5	8.0
S00432471	164	4	0.41	193	<5	11.1
S00432472	163	3	0.40	194	<5	11.5
S00432473	142	<1	0.07	16	<5	6.4
S00432474	178	3	0.43	194	<5	11.4
S00432475	163	3	0.43	202	<5	11.4
S00432476	185	2	0.42	205	<5	11.4
S00432477	181	<1	0.43	203	<5	12.0
S00432478	175	<1	0.46	213	<5	13.0
S00432479	184	<1	0.46	220	<5	12.8

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Order Number PO:Exploration
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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432480	180	<1	0.43	222	<5	12.6
S00432481	222	<1	0.44	198	<5	13.7
S00432482	149	<1	1.73	415	<5	30.1
S00432483	141	<1	1.16	408	<5	22.2
S00432484	160	<1	1.44	359	<5	27.0
S00432485	205	<1	1.40	363	<5	26.5
S00432486	180	<1	1.41	358	<5	26.8
S00432487	171	<1	1.48	374	<5	27.2
S00432488	153	<1	1.49	367	<5	27.0
S00432489	188	1	0.71	223	<5	18.6
S00432490	147	<1	0.06	12	<5	6.1
S00432491	193	4	0.72	223	<5	20.9
S00432492	188	5	0.58	207	<5	12.0
S00432493	186	4	0.63	245	<5	18.8
S00432494	203	3	0.72	286	<5	21.7
S00432495	236	4	0.11	158	6	9.9
S00432496	195	2	0.79	282	<5	22.2
S00432497	60	2	0.29	102	<5	7.6
S00432498	166	1	0.76	253	<5	20.2
S00432499	200	6	0.62	228	<5	18.4
S00432500	<10	1	0.10	74	<5	3.3
*Dup S00432489	174	1	0.63	214	<5	17.4
*Std OREAS 70b	70	<1	0.20	68	<5	9.7
*Std OREAS 684	150	<1	0.16	178	<5	4.2
*Rep S00432458	140	<1	0.62	281	<5	18.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432498	177	1	0.81	272	<5	26.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 680	431	<1	0.56	233	<5	15.1
*Std OREAS 70b	69	<1	0.19	68	<5	9.3
*Std OREAS 684	155	<1	0.15	180	<5	4.2

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432451	1.0	108	0.362
S00432452	1.6	98	0.272
S00432453	1.3	94	0.238
S00432454	1.3	71	0.083
S00432455	1.4	77	0.019
S00432456	0.3	21	0.014
S00432457	0.2	35	0.017
S00432458	2.4	93	0.041
S00432459	0.5	76	0.005
S00432460	0.6	37	0.015
S00432461	1.8	81	0.169
S00432462	1.5	73	0.015
S00432463	1.4	105	1.909
S00432464	1.6	104	2.763
S00432465	1.4	140	2.877
S00432466	1.6	72	0.020
S00432467	1.7	69	0.022
S00432468	1.6	91	1.501
S00432469	1.6	97	2.123
S00432470	0.9	101	1.805

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
S00432471	1.3	98	2.259
S00432472	1.6	101	2.134
S00432473	0.7	40	0.017
S00432474	1.5	99	2.078
S00432475	1.4	104	2.026
S00432476	1.6	82	1.056
S00432477	1.6	73	0.029
S00432478	1.7	78	0.025
S00432479	1.5	84	0.028
S00432480	1.5	85	0.041
S00432481	1.5	88	0.044
S00432482	3.7	127	0.222
S00432483	2.5	146	1.006
S004324 4	3.3	132	0.079
S00432485	3.4	131	0.210
S00432486	3.2	127	0.210
S00432487	3.4	130	0.173
S00432488	3.5	132	0.106
S004324 9	2.1	99	1.058
S00432490	0.5	52	0.014
S00432491	2.3	125	2.041
S00432492	1.4	119	1.830
S00432493	2.0	132	3.458
S00432494	2.3	118	2.256
S00432495	1.3	73	3.157
S00432496	2.3	111	1.414
S00432497	0.9	68	2.614
S00432498	2.0	136	0.898
S00432499	2.0	152	7.055
S00432500	0.3	86	7.155

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Order Number PO:Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/50
 Sample
 Number of Samples 50

ANALYSIS REPORT BBM21-12984

Element	Yb	Zn	@S
Method	GE_IMS90A50	GE_IMS90A50	GE_CSA06V
Lower Limit	0.1	5	0.005
Upper Limit	1,000	50,000	30
Unit	ppm m / m	ppm m / m	%
*Dup S00432489	2.1	107	1.043
*Std OREAS 70b	1.2	109	-
*Std OREAS 684	0.6	102	-
*Rep S0043 45	2.4	94	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Blk BLANK	<0.1	<5	-
*Rep S00432498	2.2	131	-
*Std OREAS 6 0	1.6	2233	-
*Std OREAS 70b	1.0	102	-
*Std OREAS 684	0.5	96	-
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.549
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.513
*Rep S00432453	-	-	0.234
*Rep S00432454	-	-	0.082
*Std GS314-2	-	-	2.509
*Blk BLANK	-	-	<0.005
*Std GS314-2	-	-	2.505
*Blk BLANK	-	-	<0.005
*Rep S00432489	-	-	1.104

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-13036

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	16-Sep-2021
Project	Shakespeare exploration	Date Analysed	01-Nov-2021 - 18-Nov-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	19-Nov-2021
Cores		SGS Order Number	BBM21-13036
Number of Samples	50		

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
50	GE IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml

Authorised Signatory

John Chiang
Laboratory Operations Manager



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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432501	2.03	167	510	265	<5	7.44
S00432502	2.83	70	110	112	<5	7.46
S00432503	2.93	177	240	316	<5	7.34
S00432504	2.50	103	120	131	<5	7.10
S00432505	2.29	221	240	208	<5	7.05
S00432506	2.47	133	120	137	<5	7.16
S00432507	0.65	121	110	122	<5	4.48
S00432508	2.89	176	110	126	<5	7.61
S00432509	1.66	193	170	180	<5	7.69
S00432510	0.65	<5	<10	<5	<5	0.95
S00432511	0.72	155	190	178	<5	5.77
S00432512	0.55	5	<10	<5	<5	1.07
S00432513	1.23	148	160	197	<5	9.52
S00432514	1.51	34	50	50	<5	2.83
S00432515	2.64	116	130	123	<5	7.46
S00432516	2.07	7	<10	5	<5	8.35
S00432517	3.20	10	<10	6	<5	8.27
S00432518	3.25	9	<10	5	<5	8.19
S00432519	2.97	11	<10	<5	<5	8.27
S00432520	0.10	67	440	589	<5	2.84
S00432521	3.41	5	<10	<5	<5	7.84
S00432522	1.02	<5	<10	<5	<5	1.88
S00432523	1.20	22	<10	7	<5	7.52
S00432524	2.88	10	<10	<5	<5	6.82
S00432525	0.54	13	<10	7	<5	10.34
S00432526	1.00	6	<10	<5	<5	10.70
S00432527	2.55	5	<10	<5	<5	10.93
S00432528	3.56	5	<10	<5	<5	11.41
S00432529	1.01	<5	<10	<5	<5	9.43

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432530	0.77	7	<10	<5	<5	10.42
S00432531	0.67	6	<10	<5	<5	9.87
S00432532	3.30	5	<10	<5	<5	10.19
S00432533	0.86	8	<10	<5	<5	9.03
S00432534	0.86	11	<10	<5	<5	9.86
S00432535	1.75	9	<10	<5	<5	7.82
S00432536	1.96	8	<10	<5	<5	6.80
S00432537	1.75	15	<10	<5	<5	7.40
S00432538	1.51	<5	<10	<5	<5	13.45
S00432539	1.41	<5	<10	<5	<5	0.82
S00432540	0.76	<5	<10	<5	<5	0.95
S00432541	1.63	16	<10	<5	<5	12.21
S00432542	1.71	14	<10	<5	<5	11.78
S00432543	2.63	10	<10	<5	<5	12.31
S00432544	2.05	6	<10	<5	<5	12.76
S00432545	0.58	30	<10	6	<5	9.51
S00432546	2.11	6	<10	<5	<5	12.76
S00432547	0.59	5	<10	<5	<5	10.53
S00432548	2.78	7	<10	<5	<5	9.52
S00432549	0.47	6	<10	<5	<5	10.76
S00432550	0.10	49	570	996	<5	1.38
*Dup S00432539	-	<5	<10	<5	<5	0.66
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 684	-	-	-	-	<5	5.98
*Std OREAS 680	-	-	-	-	10	7.25
*Std OREAS 70b	-	-	-	-	<5	3.82
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432504	-	109	120	133	-	-
*Blk BLANK	-	7	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	WTKG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Std OREAS 681	-	54	510	243	-	-
*Blk BLANK	-	5	<10	<5	-	-
*Std OREAS 45f	-	23	40	62	-	-
*Rep S00432550	-	43	580	1020	-	-
*Std OREAS 680	-	168	400	224	-	-
*Rep S00432504	-	-	-	-	<5	6.73
*Std OREAS 680	-	-	-	-	10	7.30
*Rep S00432528	-	-	-	-	<5	11.13
*Blk BLANK	-	-	-	-	<5	0.01
*Std OREAS 684	-	-	-	-	<5	6.00
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	3.85

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432501	61	392	2	9.2	3.1	0.5
S0043250	21	461	2	4.0	3.6	0.3
S00432503	63	257	1	11.1	3.9	0.6
S00432504	23	438	2	4.1	3.7	1.0
S00432505	35	466	2	6.9	4.5	0.5
S00432506	7	409	2	4.7	3.9	0.5
S00432507	21	240	<1	3.6	5.6	0.8
S00432508	14	390	2	4.1	4.1	0.5
S00432509	63	454	2	4.5	2.8	<0.2
S00432510	<3	65	<1	<0.1	19.3	<0.2

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432511	31	229	1	5.1	3.0	1.2
S00432512	<3	75	<1	<0.1	19.1	<0.2
S00432513	70	638	3	2.4	3.1	0.3
S00432514	8	21	<1	1.0	24.6	0.3
S00432515	36	493	1	3.4	2.6	0.3
S00432516	<3	408	2	0.2	3.7	<0.2
S00432517	<3	413	2	0.2	4.0	<0.2
S00432518	<3	410	2	0.2	4.2	<0.2
S00432519	<3	433	2	0.2	3.9	<0.2
S00432520	202	86	<1	0.1	3.1	0.4
S00432521	<3	494	2	0.2	3.7	<0.2
S00432522	<3	284	<1	<0.1	0.2	<0.2
S00432523	7	309	3	0.4	2.4	<0.2
S00432524	6	529	3	0.2	0.2	<0.2
S00432525	8	428	6	0.5	0.2	<0.2
S00432526	67	353	5	0.3	0.2	<0.2
S00432527	39	349	6	0.2	0.3	<0.2
S00432528	30	367	6	0.2	0.3	<0.2
S00432529	3	263	2	0.2	0.2	<0.2
S00432530	15	288	3	0.4	0.3	<0.2
S00432531	19	303	2	0.2	0.3	<0.2
S00432532	4	282	3	0.3	0.3	<0.2
S00432533	<3	264	2	0.3	0.2	<0.2
S00432534	5	266	2	0.2	0.3	<0.2
S00432535	<3	175	2	0.1	0.2	<0.2
S00432536	<3	90	1	0.2	0.3	<0.2
S00432537	<3	117	1	0.2	0.2	<0.2
S00432538	11	593	3	<0.1	0.2	<0.2
S00432539	<3	27	<1	0.1	<0.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Cores
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432540	<3	81	<1	<0.1	16.8	<0.2
S00432541	15	499	3	0.1	0.2	<0.2
S00432542	22	474	3	0.3	0.2	<0.2
S00432543	12	501	3	0.2	0.2	<0.2
S00432544	17	516	3	0.2	0.2	<0.2
S00432545	<3	320	2	1.8	0.2	<0.2
S00432546	28	475	3	0.3	0.1	<0.2
S00432547	13	336	3	0.4	0.2	<0.2
S00432548	12	255	2	0.3	0.2	<0.2
S00432549	22	320	3	0.3	0.2	<0.2
S00432550	4	21	<1	0.5	1.0	0.6
*Dup S00432539	<3	20	<1	0.2	<0.1	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 684	<3	64	<1	0.4	4.6	<0.2
*Std OREAS 680	110	726	2	1.6	6.0	8.0
*Std OREAS 70b	153	201	1	1.1	3.2	0.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.5
*Rep S00432504	30	406	1	3.9	3.4	1.1
*Std OREAS 680	109	651	1	1.5	5.3	7.3
*Rep S00432528	35	376	6	2.7	0.3	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 684	<3	74	<1	0.3	4.5	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Std OREAS 70b	146	208	<1	0.9	3.2	0.4

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432501	205	136	5.1	2599	11.77	1.7
S00432502	131	82	6.1	1016	11.16	1.9
S00432503	171	127	1.7	2196	10.39	1.1
S00432504	123	76	3.9	1661	10.65	1.8
S00432505	166	125	7.0	1714	11.85	2.1
S00432506	97.4	79	5.5	1949	10.65	1.6
S00432507	148	79	3.3	2834	8.84	1.1
S00432508	102	87	5.6	1365	10.68	1.7
S00432509	239	92	8.3	851	12.23	2.4
S00432510	2.2	<20	0.4	17	0.62	0.6
S00432511	648	79	4.0	7974	19.90	1.3
S00432512	2.2	<20	0.4	18	0.63	0.6
S00432513	129	133	12.3	1103	11.96	3.4
S00432514	188	31	0.4	982	9.14	0.2
S00432515	209	259	8.9	1409	12.01	2.5
S00432516	49.2	85	6.1	201	9.07	2.0
S00432517	40.2	90	6.2	129	8.19	1.9
S00432518	39.3	83	6.3	135	8.20	2.0
S00432519	39.1	86	7.5	104	8.28	2.3
S00432520	206	3011	2.5	3047	10.97	0.2
S00432521	34.9	78	8.7	92	7.75	2.7
S00432522	3.7	26	0.3	52	0.69	0.8
S00432523	37.2	68	7.1	101	7.96	1.8
S00432524	35.3	91	2.4	131	5.24	3.2
S00432525	44.4	150	3.1	205	6.70	5.2
S00432526	67.3	145	4.6	84	5.05	5.4
S00432527	48.1	143	4.4	84	5.26	5.5
S00432528	35.5	151	3.8	51	4.72	5.8
S00432529	21.8	136	3.9	64	4.27	3.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432530	30.0	153	4.2	76	4.64	3.9
S00432531	30.3	139	4.6	62	4.26	4.0
S00432532	24.5	138	4.4	77	4.42	4.1
S00432533	23.6	137	3.6	76	4.38	3.4
S00432534	21.3	148	3.4	47	4.11	3.5
S00432535	15.8	126	2.4	46	4.17	2.3
S00432536	21.7	122	1.3	74	3.81	1.2
S00432537	23.4	122	1.6	79	4.21	1.6
S00432538	22.7	178	6.7	38	4.10	7.3
S00432539	13.2	73	0.6	91	1.49	0.4
S00432540	2.0	<20	0.4	15	0.61	0.5
S00432541	23.3	158	5.9	31	3.94	5.0
S00432542	28.4	137	5.9	63	3.54	5.1
S00432543	18.6	153	6.2	29	3.37	5.4
S00432544	23.6	146	6.5	35	3.23	5.6
S00432545	77.3	116	4.2	469	6.11	3.7
S00432546	31.8	146	6.1	48	3.55	5.4
S00432547	27.0	140	5.1	53	4.62	4.5
S00432548	23.5	143	4.2	54	4.14	3.8
S00432549	26.1	141	5.1	43	4.24	4.8
S00432550	367	3416	0.2	4150	16.73	<0.1
*Dup S00432539	19.3	54	0.5	111	1.59	0.3
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 684	121	>10000	0.3	920	8.36	0.2
*Std OREAS 680	368	2163	4.5	9169	12.61	1.5
*Std OREAS 70b	85.4	1278	4.1	53	5.86	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Rep S00432504	113	64	3.6	1508	9.58	1.7
*Std OREAS 680	329	2159	4.3	9501	11.47	1.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Cores
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
*Rep S00432528	36.6	151	3.7	51	4.57	5.7
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 684	118	>10000	0.3	983	8.03	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Std OREAS 70b	84.1	1362	3.8	56	5.83	0.8

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432501	23.6	21	2.64	1261	11	2310
S00432502	22.5	23	2.69	1347	4	1327
S00432503	23.9	20	2.44	1250	7	1776
S00432504	32.3	27	2.66	1290	3	1185
S00432505	45.7	24	3.42	1442	8	1977
S00432506	21.7	18	2.66	1428	3	1127
S00432507	16.9	18	1.64	1127	5	1941
S00432508	20.4	18	2.63	1404	4	1008
S00432509	19.5	22	2.47	1132	8	2727
S00432510	6.0	9	8.82	481	<2	10
S00432511	16.3	13	1.68	828	6	8525
S00432512	7.1	9	8.52	459	<2	10
S00432513	25.9	32	3.63	1414	36	961
S00432514	6.2	10	1.68	2501	4	2656
S00432515	27.3	23	2.78	1090	18	2478
S00432516	26.5	25	2.49	1250	<2	243
S00432517	29.5	20	2.01	1120	<2	55

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432518	28.7	21	1.97	1166	<2	49
S00432519	27.2	24	2.03	1133	<2	46
S00432520	4.2	31	13.84	1435	<2	4043
S00432521	32.6	26	1.76	1069	2	35
S00432522	14.2	<5	0.09	67	4	<10
S00432523	35.0	26	1.47	797	4	71
S00432524	35.4	14	0.85	309	6	38
S00432525	50.9	18	1.10	334	2	123
S00432526	32.4	18	1.36	231	2	79
S00432527	60.4	20	1.37	260	2	83
S00432528	54.0	20	1.33	253	2	73
S00432529	51.9	15	1.36	270	2	54
S00432530	49.6	16	1.46	294	3	61
S00432531	36.9	16	1.34	256	2	55
S00432532	48.6	15	1.45	262	2	66
S00432533	42.0	17	1.28	269	3	66
S00432534	30.0	15	1.38	240	3	49
S00432535	34.6	14	1.30	255	2	43
S00432536	33.9	12	1.16	232	3	47
S00432537	53.0	14	1.32	251	3	68
S00432538	56.9	19	1.48	214	9	45
S00432539	10.4	<5	0.14	87	4	39
S00432540	6.7	9	8.20	421	<2	11
S00432541	50.8	16	1.56	225	3	55
S00432542	61.3	16	1.31	188	2	76
S00432543	30.2	15	1.41	171	3	44
S00432544	41.1	14	1.34	158	2	48
S00432545	226	15	1.52	207	2	390
S00432546	52.3	16	1.40	167	3	62

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432547	50.9	19	1.67	238	3	70
S00432548	41.3	16	1.36	204	3	64
S00432549	53.1	17	1.40	231	2	71
S00432550	1.4	<5	13.95	988	3	15996
*Dup S00432539	7.1	<5	0.12	69	3	57
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 684	3.0	<5	10.36	1314	<2	2326
*Std OREAS 680	19.1	15	3.71	1298	4	22146
*Std OREAS 70b	14.7	38	12.77	1178	3	2313
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432504	29.7	26	2.54	1193	3	1055
*Std OREAS 680	19.4	14	3.56	1285	3	20566
*Rep S00432528	55.0	19	1.24	245	2	74
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 684	3.7	<5	10.64	1337	<2	2242
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	16.4	38	13.80	1239	3	2277

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432501	0.05	10	3	<1	24.5	<50
S00432502	0.05	8	2	<1	25.2	<50
S00432503	0.05	11	2	<1	25.1	<50
S00432504	0.05	12	2	<1	25.2	<50
S00432505	0.10	9	2	<1	24.5	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432506	0.05	8	1	<1	25.3	<50
S00432507	0.04	9	3	<1	28.1	<50
S00432508	0.05	8	1	<1	26.1	<50
S00432509	0.08	12	3	<1	25.5	<50
S00432510	0.02	7	<1	<1	6.3	<50
S00432511	0.43	13	13	<1	18.9	<50
S00432512	0.02	7	<1	<1	7.8	<50
S00432513	0.07	9	1	<1	21.0	<50
S00432514	0.02	9	4	<1	6.3	<50
S00432515	0.05	9	3	<1	23.7	<50
S00432516	0.05	9	<1	<1	25.0	<50
S00432517	0.06	11	<1	<1	27.1	<50
S00432518	0.06	12	<1	<1	27.3	<50
S00432519	0.06	12	<1	<1	27.6	<50
S00432520	0.03	8	2	3	18.1	<50
S00432521	0.06	15	<1	<1	26.9	<50
S00432522	<0.01	17	<1	<1	>40.0	<50
S00432523	0.06	9	<1	<1	29.7	<50
S00432524	0.04	22	1	<1	33.9	<50
S00432525	0.05	50	2	<1	29.5	<50
S00432526	0.04	7	<1	<1	27.6	<50
S00432527	0.05	4	<1	<1	27.5	<50
S00432528	0.05	10	<1	<1	27.1	<50
S00432529	0.05	5	<1	<1	29.6	<50
S00432530	0.05	6	<1	<1	32.0	<50
S00432531	0.06	4	<1	<1	29.4	<50
S00432532	0.05	5	<1	<1	29.1	<50
S00432533	0.04	6	<1	<1	29.9	<50
S00432534	0.04	5	<1	<1	29.6	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432535	0.04	5	<1	<1	30.8	<50
S00432536	0.04	4	<1	<1	33.3	<50
S00432537	0.04	4	<1	<1	31.8	<50
S00432538	0.05	7	<1	<1	24.2	<50
S00432539	<0.01	3	<1	<1	>40.0	<50
S00432540	0.02	6	<1	<1	7.0	56
S00432541	0.05	4	<1	<1	28.7	<50
S00432542	0.05	5	<1	<1	26.0	<50
S00432543	0.05	5	<1	<1	28.0	<50
S00432544	0.04	5	<1	<1	27.8	<50
S00432545	0.04	7	2	<1	28.6	<50
S00432546	0.04	5	<1	<1	28.4	<50
S00432547	0.04	9	<1	<1	26.0	<50
S00432548	0.05	15	<1	<1	27.6	<50
S00432549	0.04	5	<1	<1	25.2	<50
S00432550	<0.01	13	8	2	13.2	<50
*Dup S00432539	<0.01	3	<1	<1	>40.0	<50
*Blk BLANK	<0.01	<2	<1	<1	0.1	<50
*Std OREAS 684	0.01	10	<1	<1	21.8	<50
*Std OREAS 680	0.12	2565	7	19	20.1	<50
*Std OREAS 70b	0.02	12	<1	<1	21.6	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Rep S00432504	0.05	10	1	<1	24.0	<50
*Std OREAS 680	0.13	2391	5	17	20.7	<50
*Rep S00432528	0.05	11	<1	<1	26.5	<50
*Blk BLANK	<0.01	<2	<1	<1	0.1	<50
*Std OREAS 684	0.02	10	<1	<1	22.1	<50
*Blk BLANK	<0.01	<2	<1	<1	0.1	<50
*Std OREAS 70b	0.03	13	<1	<1	23.5	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Cores
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element Method	Sr GE_IMS90A50	Te GE_IMS90A50	Ti GE_IMS90A50	V GE_IMS90A50	W GE_IMS90A50	Y GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432501	204	4	0.71	257	<5	20.6
S00432502	193	3	0.85	259	<5	21.8
S00432503	213	4	0.70	240	<5	21.2
S00432504	191	1	0.85	247	<5	23.0
S00432505	154	2	1.06	274	<5	24.2
S00432506	166	2	0.86	272	<5	22.8
S00432507	126	2	0.57	168	<5	14.7
S00432508	176	2	0.91	315	<5	22.3
S00432509	181	2	0.82	248	<5	21.3
S00432510	144	<1	0.06	12	<5	6.4
S00432511	146	3	0.67	155	<5	26.0
S00432512	155	<1	0.06	12	<5	6.5
S00432513	190	<1	0.92	256	<5	19.8
S00432514	196	<1	0.14	108	<5	12.2
S00432515	133	2	0.61	247	<5	20.2
S00432516	170	<1	0.86	226	<5	22.0
S00432517	213	<1	0.82	203	<5	24.4
S00432518	210	<1	0.83	209	<5	23.8
S00432519	211	<1	0.81	200	<5	23.7
S00432520	28	1	0.34	138	<5	7.6
S00432521	201	<1	0.76	181	<5	25.2
S00432522	15	<1	0.04	6	<5	3.9
S00432523	87	<1	0.71	170	<5	27.6
S00432524	15	<1	0.33	95	<5	14.6
S00432525	23	<1	0.47	147	<5	60.5
S00432526	23	<1	0.47	139	<5	20.2
S00432527	23	<1	0.47	142	<5	21.7
S00432528	27	<1	0.49	152	<5	22.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432529	64	<1	0.45	122	<5	24.5
S00432530	73	<1	0.50	132	<5	23.7
S00432531	55	<1	0.45	129	<5	21.6
S00432532	60	<1	0.47	129	<5	23.3
S00432533	58	<1	0.44	117	<5	20.5
S00432534	78	<1	0.47	123	<5	18.5
S00432535	66	<1	0.39	96	<5	15.2
S00432536	67	<1	0.37	80	<5	13.7
S00432537	69	<1	0.38	89	<5	15.1
S00432538	52	<1	0.52	171	6	29.7
S00432539	<10	<1	0.04	12	<5	5.7
S00432540	141	<1	0.05	11	<5	5.9
S00432541	52	<1	0.46	144	<5	21.7
S00432542	46	<1	0.41	138	<5	23.0
S00432543	48	<1	0.42	136	<5	18.9
S00432544	52	<1	0.42	145	<5	19.1
S00432545	38	<1	0.36	105	<5	26.5
S00432546	53	<1	0.46	145	<5	19.4
S00432547	53	<1	0.44	133	<5	23.7
S00432548	71	<1	0.45	127	<5	19.3
S00432549	57	<1	0.44	140	<5	21.5
S00432550	<10	1	0.10	78	<5	3.5
*Dup S00432539	<10	<1	0.03	10	<5	5.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 684	153	<1	0.15	196	<5	4.5
*Std OREAS 680	467	1	0.58	244	<5	16.5
*Std OREAS 70b	78	<1	0.19	71	<5	10.0
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432504	174	1	0.78	227	<5	21.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 680	424	<1	0.53	229	<5	14.8
*Rep S00432528	26	3	0.48	150	<5	21.8
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 684	150	<1	0.15	187	<5	4.1
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	70	<1	0.20	73	<5	9.5

Element	Yb	Zn
Method	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5
Upper Limit	1,000	50,000
Unit	ppm m / m	ppm m / m
S00432501	2.4	170
S00432502	2.6	134
S00432503	2.5	136
S00432504	2.7	292
S00432505	2.6	147
S00432506	2.7	137
S00432507	1.8	119
S00432508	2.6	133
S00432509	2.4	111
S00432510	0.6	41
S00432511	3.2	166
S00432512	0.6	43
S00432513	2.2	160
S00432514	3.1	64
S00432515	2.5	126
S00432516	2.8	117

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Yb	Zn
Method	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5
Upper Limit	1,000	50,000
Unit	ppm m / m	ppm m / m
S00432517	2.8	114
S00432518	2.8	114
S00432519	2.7	117
S00432520	0.8	116
S00432521	3.0	111
S00432522	0.4	19
S00432523	3.1	82
S00432524	1.8	49
S00432525	7.4	56
S00432526	2.7	52
S00432527	2.7	58
S00432528	2.7	76
S00432529	3.3	38
S00432530	2.9	37
S00432531	2.7	34
S00432532	2.9	34
S00432533	2.6	33
S00432534	2.8	33
S00432535	2.2	31
S00432536	2.0	27
S00432537	2.0	33
S00432538	3.3	36
S00432539	0.8	6
S00432540	0.6	40
S00432541	2.5	33
S00432542	2.5	31
S00432543	2.3	32
S00432544	2.4	29
S00432545	2.4	34

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Cores
 Number of Samples 50

ANALYSIS REPORT BBM21-13036

Element	Yb	Zn
Method	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5
Upper Limit	1,000	50,000
Unit	ppm m / m	ppm m / m
S00432546	2.4	29
S00432547	2.6	33
S00432548	2.4	72
S00432549	2.6	27
S00432550	0.5	90
*Dup S00432539	0.8	6
*Blk BLANK	<0.1	<5
*Std OREAS 684	0.6	102
*Std OREAS 680	1.9	2177
*Std OREAS 70b	1.2	106
*Blk BLANK	<0.1	<5
*Rep S00432504	2.4	285
*Std OREAS 680	1.6	2358
*Rep S00432528	2.6	72
*Blk BLANK	<0.1	<5
*Std OREAS 684	0.6	115
*Blk BLANK	<0.1	<5
*Std OREAS 70b	1.2	129

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-13038

To URSA MAJOR MINERALS INCORPORATED

Order Number	Exploration	Date Received	16-Sep-2021
Project	Shakespeare exploration	Date Analysed	01-Nov-2021 - 22-Nov-2021
Submission Number	*SD* Shakespeare/ Exploration/ 50	Date Completed	22-Nov-2021
Cores		SGS Order Number	BBM21-13038
Number of Samples	50		

Methods Summary

Number of Sample	Method Code	Description
50	G WGH KG	Weight of samples received
48	G_PRP	Combined Sample Preparation
50	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
50	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
50	GE IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml

Authorised Signatory

John Chiang
Laboratory Operations Manager



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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
S00432551	3.08	6	<10	9	<5	6.58
S00432552	1.43	6	<10	9	<5	6.81
S00432553	2.21	5	<10	12	<5	6.90
S00432554	0.51	<5	<10	6	<5	5.73
S00432555	0.62	<5	<10	6	<5	3.74
S00432556	2.33	6	<10	10	<5	7.08
S00432557	2.59	5	<10	10	<5	6.75
S00432558	2.56	<5	<10	10	<5	7.18
S00432559	0.97	11	<10	9	<5	6.71
S00432560	0.90	<5	<10	<5	<5	0.93
S00432561	1.73	6	<10	9	<5	6.65
S00432562	0.52	6	10	20	<5	9.09
S00432563	0.84	6	<10	32	<5	7.43
S00432564	1.49	6	<10	18	<5	7.78
S00432565	3.46	7	10	25	<5	7.74
S00432566	3.08	7	10	36	<5	7.73
S00432567	2.02	8	<10	31	<5	7.85
S00432568	1.81	20	30	54	<5	7.94
S00432569	2.68	159	330	426	<5	7.57
S00432570	0.10	62	450	584	<5	2.73
S00432571	2.32	214	400	502	<5	7.32
S00432572	1.84	317	380	472	<5	7.43
S00432573	1.88	48	90	122	<5	7.44
S00432574	2.14	46	70	93	<5	7.71
S00432575	1.37	243	380	458	<5	7.14
S00432576	2.51	179	390	434	<5	7.57
S00432577	1.73	7	<10	9	<5	7.47
S00432578	2.10	30	20	78	<5	7.42
S00432579	1.05	6	<10	9	<5	7.68

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element Method	WTKG G_WGH_KG	@Au GE_FAI31V5	@Pt GE_FAI31V5	@Pd GE_FAI31V5	Ag GE_IMS90A50	Al GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
S00432580	0.88	6	<10	8	<5	8.00
S00432581	3.13	6	10	10	<5	8.06
S00432582	3.28	<5	<10	11	<5	8.08
S00432583	3.34	9	10	27	<5	7.78
S00432584	3.38	6	<10	11	<5	8.11
S00432585	3.36	7	10	20	<5	7.90
S00432586	3.26	8	10	25	<5	8.52
S00432587	2.13	151	300	363	<5	7.72
S00432588	2.19	123	280	295	<5	7.80
S00432589	2.08	220	450	523	<5	7.39
S00432590	0.76	<5	<10	<5	<5	1.00
S00432591	0.94	231	390	494	<5	6.32
S00432592	2.56	211	380	497	<5	7.30
S00432593	2.32	222	390	496	<5	7.67
S00432594	1.85	173	360	412	<5	7.68
S00432595	0.31	96	120	165	6	4.98
S00432596	1.58	170	310	398	<5	8.18
S00432597	2.31	209	420	498	<5	7.91
S00432598	2.32	227	420	586	<5	7.72
S00432599	2.32	215	480	572	<5	7.39
S00432600	0.10	41	550	991	<5	1.47
*Dup S00432589	-	229	470	544	<5	7.43
*Blk BLANK	-	7	<10	<5	-	-
*Std OREAS 681	-	54	510	243	-	-
*Blk BLANK	-	5	<10	<5	-	-
*Std OREAS 45f	-	23	40	62	-	-
*Rep S00432560	-	<5	<10	<5	-	-
*Std OREAS 680	-	168	400	224	-	-
*Blk BLANK	-	6	<10	<5	-	-

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
*Std OREAS 681	-	54	530	243	-	-
*Std OREAS 45f	-	22	40	59	-	-
*Rep S00432592	-	208	420	488	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	165	400	219	-	-
*Std OREAS 680	-	-	-	-	10	7.54
*Std OREAS 684	-	-	-	-	<5	6.46
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 70b	-	-	-	-	<5	4.03
*Blk BLANK	-	-	-	-	<5	<0.01
*Rep S00432569	-	-	-	-	<5	7.46
*Std OREAS 684	-	-	-	-	<5	5.98
*Std OREAS 680	-	-	-	-	10	7.25
*Std OREAS 70b	-	-	-	-	<5	3.82
*Rep S00432588	-	-	-	-	<5	7.42
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 680	-	153	380	213	-	-
*Blk BLANK	-	<5	<10	<5	-	-

Element Method Lower Limit Upper Limit Unit	As GE_IMS90A50 3 10,000 ppm m / m	Ba GE_IMS90A50 10 10,000 ppm m / m	Be GE_IMS90A50 1 2,500 ppm m / m	Bi GE_IMS90A50 0.1 1,000 ppm m / m	Ca GE_IMS90A50 0.1 25 %	Cd GE_IMS90A50 0.2 10,000 ppm m / m
S00432551	4	88	<1	0.1	6.2	<0.2
S00432552	5	53	<1	0.4	8.3	<0.2
S00432553	7	127	<1	0.1	6.8	<0.2

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Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432554	<3	75	<1	<0.1	5.9	<0.2
S00432555	10	35	<1	<0.1	5.6	<0.2
S00432556	<3	110	<1	0.1	7.6	<0.2
S00432557	6	91	<1	0.1	7.8	<0.2
S00432558	4	103	<1	0.1	7.5	<0.2
S00432559	<3	100	<1	0.1	6.9	<0.2
S00432560	<3	66	<1	<0.1	20.5	<0.2
S00432561	<3	105	<1	<0.1	7.3	<0.2
S00432562	6	129	<1	<0.1	8.2	<0.2
S00432563	<3	144	<1	<0.1	6.8	<0.2
S00432564	<3	137	<1	<0.1	7.0	<0.2
S00432565	<3	142	<1	0.2	6.9	<0.2
S00432566	<3	128	<1	0.2	6.9	<0.2
S00432567	<3	128	<1	0.2	7.0	<0.2
S00432568	9	148	<1	0.7	7.1	<0.2
S00432569	36	117	<1	6.6	6.5	0.6
S00432570	187	77	<1	0.1	3.2	0.4
S00432571	46	139	<1	9.8	6.5	0.8
S00432572	85	107	<1	9.6	5.8	0.9
S00432573	44	100	<1	2.0	7.2	0.3
S00432574	11	92	<1	1.9	6.6	0.3
S00432575	39	118	<1	8.8	6.4	0.9
S00432576	19	159	<1	8.6	6.8	0.8
S00432577	<3	158	<1	0.2	7.6	<0.2
S00432578	<3	192	<1	0.3	6.6	<0.2
S00432579	<3	194	<1	0.1	6.2	<0.2
S00432580	<3	172	<1	0.1	6.8	<0.2
S00432581	<3	157	<1	0.1	7.1	<0.2
S00432582	<3	144	<1	0.1	7.3	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
S00432583	<3	121	<1	0.3	7.0	<0.2
S00432584	<3	131	<1	0.2	7.1	<0.2
S00432585	<3	126	<1	0.2	7.1	<0.2
S00432586	18	153	<1	0.3	7.5	<0.2
S00432587	140	164	<1	8.5	6.9	0.5
S00432588	50	142	<1	6.8	7.0	0.5
S00432589	154	147	<1	10.3	6.7	0.6
S00432590	<3	122	<1	<0.1	20.6	0.6
S00432591	92	95	<1	10.6	6.0	0.8
S00432592	223	173	<1	11.0	6.7	0.7
S00432593	82	113	<1	10.5	6.5	0.9
S00432594	36	155	<1	9.2	6.6	0.7
S00432595	13	26	<1	6.2	4.9	1.8
S00432596	239	104	<1	6.2	7.0	0.5
S00432597	81	295	<1	10.1	6.6	0.8
S00432598	243	127	<1	9.8	6.2	0.7
S00432599	370	128	<1	10.5	6.1	0.8
S00432600	4	21	<1	0.5	1.0	0.6
*Dup S00432589	156	147	<1	10.3	6.7	0.7
*Std OREAS 680	103	712	2	1.5	6.0	8.0
*Std OREAS 684	<3	73	<1	0.3	4.8	<0.2
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.3
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.5
*Std OREAS 70b	139	238	<1	0.7	3.1	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	<0.2
*Rep S00432569	44	121	<1	7.0	6.4	0.6
*Std OREAS 684	<3	64	<1	0.4	4.6	<0.2
*Std OREAS 680	110	726	2	1.6	6.0	8.0
*Std OREAS 70b	153	201	1	1.1	3.2	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Rep S00432588	76	168	<1	7.3	6.7	0.4
*Blk BLANK	<3	<10	<1	<0.1	<0.1	0.5

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432551	47.5	62	2.6	78	7.69	0.9
S00432552	42.0	62	4.7	76	7.32	0.9
S00432553	53.0	62	1.6	97	7.69	1.0
S00432554	42.2	60	1.4	53	6.74	0.4
S00432555	28.0	54	0.6	8	3.87	0.2
S00432556	47.3	53	1.5	116	7.43	0.5
S00432557	46.8	57	1.3	66	7.57	0.4
S00432558	53.4	61	1.2	86	7.89	0.5
S00432559	47.3	61	0.8	101	7.54	0.5
S00432560	2.1	<20	0.3	10	0.66	0.5
S00432561	47.0	52	1.5	91	7.24	0.5
S00432562	58.5	72	1.4	189	8.87	0.6
S00432563	53.2	53	2.0	203	7.87	0.7
S00432564	52.8	53	1.9	114	7.95	0.7
S00432565	54.2	59	1.7	59	8.00	0.7
S00432566	52.5	54	1.7	72	7.72	0.7
S00432567	51.5	62	1.5	90	7.95	0.6
S00432568	59.1	58	1.8	456	7.87	0.7
S00432569	164	55	1.6	3122	9.71	0.6
S00432570	202	2874	2.6	2794	11.30	0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432571	169	55	1.9	4572	9.80	0.7
S00432572	174	58	1.4	4315	9.81	0.5
S00432573	92.5	90	0.9	1117	8.78	0.4
S00432574	73.6	59	1.5	980	8.59	0.5
S00432575	159	53	2.3	4042	9.83	0.6
S00432576	151	55	2.1	4370	10.12	0.7
S00432577	45.6	53	2.9	84	7.66	0.9
S00432578	49.8	54	2.8	104	7.76	1.0
S00432579	53.0	54	2.7	118	8.32	1.0
S00432580	53.6	58	2.9	118	8.29	1.0
S00432581	54.1	57	1.9	133	8.31	0.8
S00432582	54.8	58	1.7	133	8.35	0.7
S00432583	50.3	63	1.5	125	8.13	0.6
S00432584	53.0	60	1.4	156	8.15	0.7
S00432585	55.2	55	1.5	118	8.11	0.6
S00432586	67.2	67	1.7	105	8.50	0.7
S00432587	178	61	1.5	3486	10.12	0.8
S00432588	131	66	1.6	3197	9.89	0.6
S00432589	186	53	1.1	4644	9.90	0.6
S00432590	2.5	<20	0.4	31	0.67	0.5
S00432591	177	62	0.5	5929	9.58	0.3
S00432592	224	54	1.2	5241	10.31	0.6
S00432593	188	62	1.1	5596	10.51	0.5
S00432594	161	52	1.5	4241	10.09	0.7
S00432595	109	66	0.2	12437	8.10	0.2
S00432596	187	57	1.0	2691	9.76	0.5
S00432597	158	52	1.2	5265	10.25	0.8
S00432598	209	50	1.0	4567	10.60	0.7
S00432599	213	45	1.3	4566	10.03	0.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Core
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Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
S00432600	372	3564	0.2	4582	17.27	<0.1
*Dup S00432589	192	58	1.0	4977	10.75	0.6
*Std OREAS 680	354	2173	4.2	9573	12.24	1.5
*Std OREAS 684	118	>10000	0.3	992	8.45	0.2
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 70b	80.6	1186	3.7	50	5.67	0.7
*Blk BLANK	<0.5	<20	<0.1	<5	0.01	<0.1
*Rep S00432569	165	56	1.6	3107	9.74	0.6
*Std OREAS 684	121	>10000	0.3	920	8.36	0.2
*Std OREAS 680	368	2163	4.5	9169	12.61	1.5
*Std OREAS 70b	85.4	1278	4.1	53	5.86	0.7
*Rep S00432588	136	57	1.4	3335	9.35	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432551	8.3	22	4.50	1211	<2	120
S00432552	10.2	31	4.72	1210	<2	106
S00432553	8.2	14	4.39	1266	<2	117
S00432554	5.5	10	3.60	1119	<2	124
S00432555	3.2	11	1.79	754	2	110
S00432556	7.7	11	3.97	1243	<2	112
S00432557	10.0	20	4.00	1227	<2	111
S00432558	9.2	10	4.42	1313	<2	123

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432559	8.2	13	4.03	1194	<2	110
S00432560	5.1	8	8.43	423	<2	10
S00432561	8.6	10	4.02	1258	<2	108
S00432562	8.5	13	5.03	1494	<2	136
S00432563	8.1	13	4.00	1315	<2	117
S00432564	8.3	12	4.17	1342	<2	109
S00432565	7.5	13	4.23	1319	<2	116
S00432566	6.9	13	4.12	1266	<2	110
S00432567	8.3	12	4.19	1310	<2	118
S00432568	8.5	11	4.25	1300	<2	290
S00432569	7.1	12	4.01	1270	<2	2628
S00432570	3.6	30	13.32	1351	<2	4028
S00432571	6.8	11	3.78	1241	<2	3390
S00432572	7.4	16	3.78	1231	<2	3405
S00432573	7.8	9	4.25	1299	<2	967
S00432574	9.5	13	4.03	1267	<2	662
S00432575	7.2	18	3.76	1231	<2	3349
S00432576	8.3	13	4.01	1325	<2	3276
S00432577	8.5	24	3.81	1322	<2	120
S00432578	8.4	25	3.82	1310	<2	124
S00432579	8.0	25	4.30	1313	<2	109
S00432580	8.2	20	4.21	1362	<2	113
S00432581	8.4	14	4.11	1387	<2	112
S00432582	9.0	13	4.19	1380	<2	113
S00432583	8.2	13	4.11	1316	<2	129
S00432584	8.2	15	4.25	1348	<2	121
S00432585	8.6	13	4.27	1342	<2	134
S00432586	9.1	15	4.42	1420	<2	141
S00432587	8.4	17	4.16	1345	<2	2898

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Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432588	7.8	14	4.21	1355	<2	2443
S00432589	7.3	14	4.35	1317	<2	3979
S00432590	8.1	8	8.75	419	2	31
S00432591	8.3	10	3.58	1213	<2	3550
S00432592	8.4	13	4.32	1374	<2	4130
S00432593	7.1	15	4.27	1298	<2	3707
S00432594	7.6	12	4.12	1273	<2	3273
S00432595	9.0	7	2.48	862	2	1713
S00432596	7.9	13	4.53	1322	<2	2707
S00432597	7.6	15	4.20	1320	<2	3586
S00432598	7.8	16	4.37	1295	<2	3827
S00432599	7.3	13	4.12	1251	<2	3936
S00432600	1.3	<5	15.49	1019	3	16052
*Dup S00432589	7.2	14	4.25	1382	<2	4055
*Std OREAS 680	18.8	14	4.05	1258	4	20966
*Std OREAS 684	3.4	<5	11.27	1344	<2	2288
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Std OREAS 70b	15.6	35	13.07	1133	5	2258
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10
*Rep S00432569	7.2	11	4.03	1251	<2	2585
*Std OREAS 684	3.0	<5	10.36	1314	<2	2326
*Std OREAS 680	19.1	15	3.71	1298	4	22146
*Std OREAS 70b	14.7	38	12.77	1178	3	2313
*Rep S00432588	8.4	13	4.26	1334	<2	2585
*Blk BLANK	<0.1	<5	<0.01	<10	<2	<10

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432551	0.03	4	<1	<1	21.3	<50
S00432552	0.03	6	<1	<1	21.9	<50
S00432553	0.03	5	<1	<1	21.9	<50
S00432554	0.02	5	<1	<1	27.2	<50
S00432555	0.02	9	<1	<1	32.7	<50
S00432556	0.03	7	<1	<1	22.2	<50
S00432557	0.03	8	<1	<1	20.6	<50
S00432558	0.03	7	<1	<1	23.2	<50
S00432559	0.03	6	<1	<1	22.9	<50
S00432560	0.02	7	<1	<1	6.1	<50
S00432561	0.03	7	<1	<1	21.3	<50
S00432562	0.03	8	<1	<1	26.8	<50
S00432563	0.03	6	<1	<1	22.3	<50
S00432564	0.02	6	<1	<1	23.3	<50
S00432565	0.03	6	<1	<1	22.5	<50
S00432566	0.02	6	<1	<1	22.8	<50
S00432567	0.03	6	<1	<1	23.2	<50
S00432568	0.03	7	<1	<1	22.8	<50
S00432569	0.02	9	2	<1	22.4	<50
S00432570	0.03	4	2	4	16.5	<50
S00432571	0.02	7	2	<1	21.0	<50
S00432572	0.02	7	2	<1	21.1	<50
S00432573	0.02	7	<1	<1	22.6	<50
S00432574	0.03	7	<1	<1	22.4	<50
S00432575	0.02	8	2	<1	20.6	<50
S00432576	0.03	10	2	<1	22.0	<50
S00432577	0.03	8	<1	<1	21.5	<50
S00432578	0.03	6	<1	<1	22.2	<50
S00432579	0.03	6	<1	<1	22.9	<50

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Order Number Exploration
 Project Shakespeare exploration
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 Core
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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
S00432580	0.04	6	<1	<1	23.4	<50
S00432581	0.04	6	<1	<1	23.5	<50
S00432582	0.03	7	<1	<1	23.9	<50
S00432583	0.04	6	<1	<1	23.2	<50
S00432584	0.03	7	<1	<1	23.5	<50
S00432585	0.04	8	<1	<1	23.8	<50
S00432586	0.03	7	<1	<1	25.1	<50
S00432587	0.03	9	2	<1	22.9	<50
S00432588	0.03	8	1	<1	23.6	<50
S00432589	0.02	12	2	<1	24.5	<50
S00432590	0.02	7	<1	<1	7.0	74
S00432591	0.02	9	2	<1	28.8	<50
S00432592	0.03	9	2	<1	24.7	<50
S00432593	0.03	8	2	<1	23.4	<50
S00432594	0.02	7	2	<1	23.7	<50
S00432595	0.03	5	2	1	30.8	<50
S00432596	0.03	8	1	<1	23.9	<50
S00432597	0.02	8	2	<1	23.3	<50
S00432598	0.02	7	2	<1	22.5	<50
S00432599	0.02	7	2	1	21.8	<50
S00432600	<0.01	12	8	2	14.6	<50
*Dup S00432589	0.02	10	2	<1	25.1	<50
*Std OREAS 680	0.12	2424	6	19	21.0	<50
*Std OREAS 684	0.01	10	<1	<1	22.3	<50
*Blk BLANK	<0.01	3	<1	<1	<0.1	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 70b	0.02	11	<1	<1	22.8	<50
*Blk BLANK	<0.01	<2	<1	<1	0.1	<50
*Rep S00432569	0.02	10	2	<1	22.7	<50

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Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Std OREAS 684	0.01	10	<1	<1	21.8	<50
*Std OREAS 680	0.12	2565	7	19	20.1	<50
*Std OREAS 70b	0.02	12	<1	<1	21.6	<50
*Rep S00432588	0.03	7	1	<1	25.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432551	101	<1	0.42	240	<5	13.8
S00432552	121	<1	0.39	254	<5	14.5
S00432553	163	<1	0.44	259	<5	14.5
S00432554	140	<1	0.36	211	<5	11.7
S00432555	85	<1	0.20	103	<5	9.8
S00432556	192	<1	0.43	259	<5	14.3
S00432557	168	<1	0.42	255	<5	15.6
S00432558	204	<1	0.46	279	<5	15.6
S00432559	178	<1	0.41	257	<5	14.8
S00432560	155	<1	0.06	12	<5	6.5
S00432561	183	<1	0.41	247	<5	14.8
S00432562	212	<1	0.46	251	<5	15.4
S00432563	168	<1	0.41	216	<5	13.2
S00432564	186	<1	0.41	216	<5	13.2
S00432565	182	<1	0.40	221	<5	12.5
S00432566	192	<1	0.39	214	<5	12.5
S00432567	196	<1	0.38	218	<5	12.5

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Order Number Exploration
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 Core
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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432568	196	<1	0.37	214	<5	12.8
S00432569	183	3	0.34	202	<5	10.9
S00432570	31	1	0.33	140	<5	8.4
S00432571	191	4	0.34	199	<5	11.3
S00432572	183	4	0.37	204	<5	12.0
S00432573	208	<1	0.44	245	<5	14.4
S00432574	210	<1	0.44	222	<5	14.7
S00432575	168	3	0.37	200	<5	12.7
S00432576	184	3	0.38	214	<5	13.2
S00432577	199	<1	0.39	208	<5	13.6
S00432578	158	<1	0.41	215	<5	13.1
S00432579	176	<1	0.44	227	<5	13.9
S00432580	176	<1	0.46	227	<5	14.1
S00432581	189	<1	0.45	231	<5	14.5
S00432582	189	<1	0.44	236	<5	14.1
S00432583	194	<1	0.44	226	<5	14.0
S00432584	193	<1	0.43	223	<5	13.7
S00432585	199	<1	0.42	226	<5	14.1
S00432586	215	<1	0.44	227	<5	14.0
S00432587	185	3	0.38	212	<5	12.7
S00432588	192	2	0.40	215	<5	12.9
S00432589	175	3	0.37	195	<5	11.5
S00432590	146	<1	0.10	12	<5	6.3
S00432591	156	3	0.32	180	<5	9.9
S00432592	176	4	0.37	201	<5	11.6
S00432593	176	5	0.39	204	<5	12.0
S00432594	193	4	0.36	203	<5	11.6
S00432595	122	4	0.42	162	<5	10.6
S00432596	195	3	0.39	220	<5	12.7

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Order Number Exploration
 Project Shakespeare exploration
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 Core
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Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
S00432597	182	4	0.39	202	<5	11.8
S00432598	172	4	0.36	205	<5	12.3
S00432599	168	4	0.36	199	<5	11.9
S00432600	<10	2	0.10	77	<5	3.3
*Dup S00432589	179	4	0.37	202	<5	11.5
*Std OREAS 680	433	1	0.56	238	<5	15.7
*Std OREAS 684	156	<1	0.15	193	<5	4.4
*Blk BLANK	<10	<1	0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 70b	68	<1	0.18	67	<5	9.1
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Rep S00432569	183	3	0.34	201	<5	11.1
*Std OREAS 684	153	<1	0.15	196	<5	4.5
*Std OREAS 680	467	1	0.58	244	<5	16.5
*Std OREAS 70b	78	<1	0.19	71	<5	10.0
*Rep S00432588	181	2	0.38	200	<5	11.7
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5

Element	Yb	Zn
Method	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5
Upper Limit	1,000	50,000
Unit	ppm m / m	ppm m / m
S00432551	1.6	64
S00432552	1.5	57
S00432553	1.6	66
S00432554	1.2	63
S00432555	1.1	46

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
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Element	Yb	Zn
Method	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5
Upper Limit	1,000	50,000
Unit	ppm m / m	ppm m / m
S00432556	1.6	72
S00432557	1.6	79
S00432558	1.8	75
S00432559	1.7	75
S00432560	0.6	38
S00432561	1.7	67
S00432562	1.6	88
S00432563	1.5	80
S00432564	1.5	81
S00432565	1.4	76
S00432566	1.4	75
S00432567	1.5	79
S00432568	1.4	80
S00432569	1.3	95
S00432570	0.9	101
S00432571	1.2	103
S00432572	1.3	109
S00432573	1.6	84
S00432574	1.5	87
S00432575	1.5	101
S00432576	1.5	119
S00432577	1.6	71
S00432578	1.5	74
S00432579	1.5	74
S00432580	1.5	76
S00432581	1.6	78
S00432582	1.5	83
S00432583	1.5	76
S00432584	1.5	77

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/ Exploration/ 50
 Core
 Number of Samples 50

ANALYSIS REPORT BBM21-13038

Element	Yb	Zn
Method	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5
Upper Limit	1,000	50,000
Unit	ppm m / m	ppm m / m
S00432585	1.5	76
S00432586	1.5	79
S00432587	1.5	96
S00432588	1.4	97
S00432589	1.3	96
S00432590	0.5	158
S00432591	1.2	103
S00432592	1.3	99
S00432593	1.5	117
S00432594	1.4	99
S00432595	1.5	153
S00432596	1.6	93
S00432597	1.4	105
S00432598	1.4	101
S00432599	1.5	97
S00432600	0.4	96
*Dup S00432589	1.3	103
*Std OREAS 680	1.8	2211
*Std OREAS 684	0.7	107
*Blk BLANK	<0.1	11
*Blk BLANK	<0.1	<5
*Std OREAS 70b	1.1	107
*Blk BLANK	<0.1	<5
*Rep S00432569	1.2	98
*Std OREAS 684	0.6	102
*Std OREAS 680	1.9	2177
*Std OREAS 70b	1.2	106
*Rep S00432588	1.3	87
*Blk BLANK	<0.1	<5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number Exploration
Project Shakespeare exploration
Submission Number *SD* Shakespeare/ Exploration/ 50
Cores
Number of Samples 50

ANALYSIS REPORT BBM21-13038

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM21-13907

To URSA MAJOR MINERALS INCORPORATED

Order Number	PO: Exploration	Date Received	18-Oct-2021
Project	Shakespeare exploration	Date Analysed	16-Nov-2021 - 06-Dec-2021
Submission Number	*SD* Shakespeare/Exploration/52	Date Completed	06-Dec-2021
Samples		SGS Order Number	BBM21-13907
Number of Samples	52		

Methods Summary

Number of Sample	Method Code	Description
52	G WGH KG	Weight of samples received
50	G_PRP	Combined Sample Preparation
52	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
52	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
52	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
3	GO_XRF72	Borate Fusion, XRF, Ore Grade, variable wt.g

Authorised Signatory

John Chiang
Laboratory Operations Manager



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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Sample
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element Method Lower Limit Upper Limit Unit	WTG G_WGH_KG 0.01 -- kg	@Au GE_FAI31V5 5 10,000 ppb	@Pt GE_FAI31V5 10 10,000 ppb	@Pd GE_FAI31V5 5 10,000 ppb	Ag GE_IMS90A50 5 200 ppm m / m	Al GE_IMS90A50 0.01 25 %
E00099601	2.26	6	<10	<5	<5	7.22
E00099602	0.75	265	400	497	<5	5.50
E00099603	2.80	<5	<10	<5	<5	6.26
E00099604	1.56	17	30	57	<5	6.72
E00099605	2.52	<5	<10	6	<5	6.38
E00099606	1.40	6	10	13	<5	6.57
E00099607	2.26	32	40	58	<5	6.55
E00099608	2.64	<5	<10	<5	<5	8.86
E00099609	1.36	27	40	47	8	8.09
E00099610	0.65	<5	<10	<5	<5	1.62
E00099611	3.37	12	20	22	<5	7.19
E00099612	2.71	25	20	52	<5	6.64
E00099613	0.93	64	110	144	<5	7.34
E00099614	1.98	278	410	468	<5	6.64
E00099615	1.80	177	250	306	<5	6.98
E00099616	1.78	68	120	140	<5	7.18
E00099617	1.37	43	100	127	<5	6.82
E00099618	2.18	238	400	461	<5	7.02
E00099619	2.71	252	380	462	<5	6.82
E00099620	0.10	62	430	547	<5	2.56
E00099621	2.21	169	230	290	<5	7.03
E00099622	1.20	237	360	470	<5	6.81
E00099623	2.01	42	50	63	<5	7.29
E00099624	1.54	179	260	304	<5	7.08
E00099625	2.75	<5	<10	6	<5	6.93
E00099626	2.15	116	170	193	<5	6.51
E00099627	2.10	187	250	302	<5	6.73
E00099628	0.95	6	<10	10	<5	7.12
E00099629	1.24	6	<10	6	<5	7.78

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	WTG	@Au	@Pt	@Pd	Ag	Al
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	5	10	5	5	0.01
Upper Limit	--	10,000	10,000	10,000	200	25
Unit	kg	ppb	ppb	ppb	ppm m / m	%
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	57	-	-
*Rep E00099608	-	-	-	-	<5	8.68
*Blk BLANK	-	-	-	-	<5	<0.01
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 680	-	-	-	-	9	7.46
*Std OREAS 70b	-	-	-	-	<5	3.94
*Std OREAS 684	-	-	-	-	<5	6.23
*Rep E00099664	-	-	-	-	<5	8.31
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	159	420	223	-	-
*Std OREAS 680	-	-	-	-	12	7.08
*Blk BLANK	-	-	-	-	<5	0.01
*Std OREAS 70b	-	-	-	-	<5	3.95
*Blk BLANK	-	-	-	-	<5	<0.01
*Std OREAS 684	-	-	-	-	<5	6.11

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
E00099601	<3	291	1	0.2	4.3	<0.2
E00099602	151	122	<1	12.8	3.6	1.2
E00099603	<3	234	1	0.4	5.9	0.2
E00099604	<3	376	1	0.8	5.3	<0.2
E00099605	<3	305	1	0.4	5.7	<0.2
E00099606	<3	302	<1	0.7	5.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Sample
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
E00099607	5	388	<1	1.5	4.1	0.3
E00099608	<3	587	2	0.3	2.8	<0.2
E00099609	<3	243	1	0.9	5.3	<0.2
E00099610	<3	110	<1	<0.1	18.1	<0.2
E00099611	<3	166	<1	0.3	6.4	<0.2
E00099612	<3	118	<1	0.7	6.2	<0.2
E00099613	29	139	<1	1.6	6.8	0.8
E00099614	32	92	<1	10.9	6.2	0.8
E00099615	35	146	<1	7.2	6.2	0.6
E00099616	27	136	<1	2.9	6.4	0.6
E00099617	74	133	<1	1.9	5.0	0.9
E00099618	9	144	<1	11.4	6.0	0.7
E00099619	22	94	<1	11.4	6.3	0.8
E00099620	184	71	<1	<0.1	3.0	0.5
E00099621	64	149	1	6.7	6.4	0.5
E00099622	360	85	<1	8.1	5.7	0.7
E00099623	29	65	<1	1.6	6.8	0.2
E00099624	52	153	<1	6.9	6.6	0.6
E00099625	4	137	<1	0.3	6.6	<0.2
E00099626	35	101	<1	3.7	8.5	0.4
E00099627	156	176	<1	6.6	6.0	0.5
E00099628	4	167	<1	0.3	6.0	<0.2
E00099629	7	94	<1	0.1	5.4	<0.2
E00099630	10	87	1	0.1	4.9	<0.2
E00099631	<3	21	<1	<0.1	9.6	<0.2
E00099632	<3	50	<1	0.1	6.4	<0.2
██████	█	█	█	█	█	█
██████	█	█	█	█	█	█
██████	█	█	█	█	█	█

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	3	10	1	0.1	0.1	0.2
Upper Limit	10,000	10,000	2,500	1,000	25	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
*Std OREAS 684	<3	70	<1	0.4	4.4	0.2

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
E00099601	40.1	81	4.4	106	8.33	1.3
E00099602	219	367	1.2	4522	9.99	0.5
E00099603	52.9	62	4.3	327	9.90	1.0
E00099604	52.8	150	3.1	380	8.56	1.2
E00099605	53.8	63	5.3	203	9.93	1.2
E00099606	50.4	95	5.8	220	9.28	1.3
E00099607	79.0	120	8.3	698	9.76	1.8
E00099608	27.9	122	3.9	24	5.22	1.5
E00099609	66.6	130	6.3	329	9.42	1.3
E00099610	3.7	<20	0.5	25	1.02	0.6
E00099611	48.3	39	2.0	214	7.89	0.7
E00099612	49.7	38	1.7	167	8.51	0.5
E00099613	71.1	33	1.3	3303	8.25	0.5
E00099614	172	37	1.5	5539	10.30	0.4
E00099615	152	35	2.5	2786	9.32	0.6
E00099616	85.3	38	3.0	1742	8.52	0.7
E00099617	108	113	3.7	1283	9.39	0.7
E00099618	185	42	3.2	3580	10.75	0.7
E00099619	176	39	1.5	5105	10.08	0.4
E00099620	191	2798	2.1	2583	10.54	0.2
E00099621	130	46	2.5	2395	9.23	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	Co	Cr	Cs	Cu	Fe	K
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	20	0.1	5	0.01	0.1
Upper Limit	10,000	10,000	10,000	50,000	25	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%	%
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Blk BLANK	<0.5	<20	<0.1	<5	<0.01	<0.1
*Std OREAS 680	334	2160	3.9	9198	11.70	1.3
*Std OREAS 70b	84.1	1244	3.4	56	5.54	0.7
*Std OREAS 684	118	>10000	0.3	910	7.98	0.2
██████████	████	████	████	████	████	████
*Std OREAS 680	314	2080	3.8	9546	11.69	1.3
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 70b	80.2	1270	3.2	47	5.63	0.6
*Blk BLANK	<0.5	<20	<0.1	<5	0.02	<0.1
*Std OREAS 684	111	>10000	0.3	957	8.01	0.2

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099601	22.5	17	2.09	1042	<2	43
E00099602	9.5	13	3.68	1158	7	3267
E00099603	15.1	15	3.09	1317	<2	109
E00099604	11.4	13	3.71	1344	<2	219
E00099605	15.9	15	3.01	1375	<2	131
E00099606	15.8	16	3.01	1208	<2	144
E00099607	16.1	20	3.01	1102	<2	549

- not analysed | - element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Sample
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	5	0.01	10	2	10
Upper Limit	10,000	10,000	30	10,000	10,000	50,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099608	28.6	18	1.85	576	<2	72
E00099609	21.2	15	3.72	1362	2	455
E00099610	8.5	9	5.46	716	<2	12
E00099611	8.9	11	3.69	1228	<2	117
E00099612	8.6	11	3.73	1324	<2	175
E00099613	8.7	9	3.52	1206	<2	544
E00099614	8.4	9	3.40	1202	<2	3340
E00099615	8.6	9	3.24	1153	<2	2324
E00099616	8.8	10	3.36	1147	<2	886
E00099617	11.6	13	3.43	1076	2	992
E00099618	8.7	10	3.24	1150	<2	3329
E00099619	8.2	9	3.21	1111	<2	3914
E00099620	3.1	25	12.55	1238	<2	3613
E00099621	8.6	9	3.51	1117	<2	2159
E00099622	8.6	9	3.70	1107	2	3143
E00099623	9.7	8	3.63	1144	<2	624
E00099624	8.7	9	3.40	1146	<2	2211
E00099625	9.4	8	3.72	1217	<2	163
E00099626	9.2	8	3.39	1195	<2	1392
E00099627	8.8	9	3.52	1121	<2	2085
E00099628	8.6	12	3.95	1189	<2	299
E00099629	9.4	21	4.38	1241	<2	149
E00099630	8.4	24	4.73	1400	<2	162
E00099631	2.6	7	1.18	742	2	66
E00099632	9.6	24	4.36	1328	<2	144
██████████	██	█	██	██	██	██
██████████	██	██	██	██	██	██
██████████	██	██	██	██	██	██
██████████	██	█	██	██	██	██

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element Method	P GE_IMS90A50	Pb GE_IMS90A50	S GE_IMS90A50	Sb GE_IMS90A50	Si GE_IMS90A50	Sn GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
E00099601	0.04	56	<1	<1	25.3	<50
E00099602	0.02	57	1	<1	19.5	<50
E00099603	0.09	27	<1	<1	22.2	<50
E00099604	0.03	12	<1	<1	23.3	<50
E00099605	0.09	8	<1	<1	22.0	<50
E00099606	0.06	10	<1	<1	22.4	<50
E00099607	0.06	10	<1	<1	22.9	<50
E00099608	0.02	10	<1	<1	26.1	<50
E00099609	0.07	7	<1	<1	24.3	<50
E00099610	0.02	8	<1	<1	10.8	<50
E00099611	0.04	38	<1	<1	23.9	<50
E00099612	0.02	35	<1	<1	22.9	<50
E00099613	0.02	22	<1	<1	23.2	<50
E00099614	0.04	40	2	<1	22.1	<50
E00099615	0.02	10	<1	<1	22.5	<50
E00099616	0.04	8	<1	<1	23.5	58
E00099617	0.04	8	<1	<1	22.9	<50
E00099618	0.02	25	2	<1	23.2	<50
E00099619	0.02	13	1	<1	22.5	<50
E00099620	0.03	4	1	3	17.0	<50
E00099621	0.04	7	<1	<1	23.4	<50
E00099622	0.03	45	1	<1	22.9	<50
E00099623	0.03	56	<1	<1	23.2	<50
E00099624	0.03	17	1	<1	22.9	<50
E00099625	0.03	102	<1	<1	24.0	<50
E00099626	0.03	12	<1	<1	22.6	<50
E00099627	0.03	24	<1	<1	23.2	<50
E00099628	0.02	7	<1	<1	24.0	<50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	P	Pb	S	Sb	Si	Sn
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.01	2	1	1	0.1	50
Upper Limit	25	50,000	25	10,000	40	10,000
Unit	%	ppm m / m	%	ppm m / m	%	ppm m / m
*Std OREAS 70b	0.02	44	<1	<1	21.7	<50
*Std OREAS 684	0.02	12	<1	<1	21.6	<50
██████████	████	████	████	████	████	████
*Std OREAS 680	0.12	2639	4	19	20.4	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 70b	0.03	13	<1	<1	23.7	<50
*Blk BLANK	<0.01	<2	<1	<1	<0.1	<50
*Std OREAS 684	0.02	12	<1	<1	21.7	<50

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
E00099601	180	<1	0.74	198	<5	22.3
E00099602	129	4	0.38	250	<5	11.7
E00099603	148	<1	1.29	346	<5	25.1
E00099604	192	<1	0.47	210	<5	15.3
E00099605	148	<1	1.24	325	<5	24.9
E00099606	190	<1	1.11	321	<5	23.7
E00099607	173	<1	0.98	294	<5	21.3
E00099608	261	<1	0.46	122	<5	16.2
E00099609	179	<1	1.02	311	<5	23.2
E00099610	174	<1	0.09	20	<5	10.8
E00099611	171	<1	0.42	197	<5	14.0
E00099612	158	<1	0.40	186	<5	13.5
E00099613	189	<1	0.38	183	<5	12.5
E00099614	171	3	0.39	185	<5	13.6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	Sr	Te	Ti	V	W	Y
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	10	1	0.01	5	5	0.5
Upper Limit	10,000	1,000	30	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
██████████	████	████	████	████	████	████
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Blk BLANK	<10	<1	<0.01	<5	<5	0.9
*Std OREAS 680	419	<1	0.53	237	<5	16.6
*Std OREAS 70b	70	1	0.19	70	7	10.5
*Std OREAS 684	159	<1	0.14	190	<5	4.6
██████████	████	████	████	████	████	████
*Std OREAS 680	401	<1	0.47	209	<5	14.8
*Blk BLANK	<10	<1	0.05	<5	<5	0.5
*Std OREAS 70b	70	<1	0.17	64	7	9.4
*Blk BLANK	<10	<1	<0.01	<5	<5	<0.5
*Std OREAS 684	157	<1	0.14	189	<5	4.4

Element	Yb	Zn	@LOI	@Al2O3	@CaO	@Cr2O3
Method	GE_IMS90A50	GE_IMS90A50	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	-10	0.01	0.01	0.01
Upper Limit	1,000	50,000	100	100	60	5
Unit	ppm m / m	ppm m / m	%	%	%	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received





Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Sample
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	Yb	Zn	@LOI	@Al2O3	@CaO	@Cr2O3
Method	GE_IMS90A50	GE_IMS90A50	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	-10	0.01	0.01	0.01
Upper Limit	1,000	50,000	100	100	60	5
Unit	ppm m / m	ppm m / m	%	%	%	%
E00099601	2.2	85	-	-	-	-
E00099602	1.2	133	-	-	-	-
E00099603	2.4	108	-	-	-	-
E00099604	1.5	95	-	-	-	-
E00099605	2.6	109	-	-	-	-
E00099606	2.5	107	-	-	-	-
E00099607	2.2	112	-	-	-	-
E00099608	1.6	65	-	-	-	-
E00099609	2.8	100	-	-	-	-
E00099610	1.0	42	-	-	-	-
E00099611	1.4	80	-	-	-	-
E00099612	1.4	86	-	-	-	-
E00099613	1.3	108	-	-	-	-
E00099614	1.4	116	-	-	-	-
E00099615	1.3	92	-	-	-	-
E00099616	1.4	91	-	-	-	-
E00099617	1.8	143	-	-	-	-
E00099618	1.4	104	-	-	-	-
E00099619	1.4	107	-	-	-	-
E00099620	0.9	101	-	-	-	-
E00099621	1.4	98	-	-	-	-
E00099622	1.4	109	-	-	-	-
E00099623	1.5	82	-	-	-	-
E00099624	1.4	99	-	-	-	-
E00099625	1.4	77	-	-	-	-
E00099626	1.4	88	-	-	-	-
E00099627	1.4	92	-	-	-	-
E00099628	1.5	81	-	-	-	-
E00099629	1.7	89	-	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Samples
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	Yb	Zn	@LOI	@Al2O3	@CaO	@Cr2O3
Method	GE_IMS90A50	GE_IMS90A50	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.1	5	-10	0.01	0.01	0.01
Upper Limit	1,000	50,000	100	100	60	5
Unit	ppm m / m	ppm m / m	%	%	%	%
*Std OREAS 684	0.5	110	-	-	-	-
*Rep E00099664	2.2	109	-	-	-	-
*Std OREAS 751	-	-	0.69600	15.75	1.06	<0.01
*Blk BLANK	-	-	99.9900	<0.01	<0.01	<0.01
*Std OREAS 680	1.5	2241	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 70b	1.0	118	-	-	-	-
*Blk BLANK	<0.1	<5	-	-	-	-
*Std OREAS 684	0.5	106	-	-	-	-

Element	@Fe2O3	@K2O	@MgO	Mn3O4	@Na2O	@P2O5
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	100	70	100	100	60	55
Unit	%	%	%	%	%	%
*Std OREAS 751	2.41	2.94	0.53	0.08	3.41	0.27
*Blk BLANK	<0.01	<0.01	0.01	<0.01	<0.01	<0.01

Element	@SiO2	@TiO2	@V2O5	Sum
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01
Upper Limit	100	100	10	100
Unit	%	%	%	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number PO: Exploration
 Project Shakespeare exploration
 Submission Number *SD* Shakespeare/Exploration/52
 Sample
 Number of Samples 52

ANALYSIS REPORT BBM21-13907

Element	@SiO2	@TiO2	@V2O5	Sum
Method	GO_XRF72	GO_XRF72	GO_XRF72	GO_XRF72
Lower Limit	0.01	0.01	0.01	0.01
Upper Limit	100	100	10	100
Unit	%	%	%	%
████████	████	████	████	████
████████	████	████	████	████
████████	████	████	████	████
*Std OREAS 751	70.89	0.24	<0.01	97.76
*Rep E00099653	53.50	0.88	0.04	98.64
*Blk BLANK	<0.01	<0.01	<0.01	0.04

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3560 rev 2
 OLD JOB NUMBER: 21-3560
 24-Jan-22
 P.O NUMBER:

REPORT ANALYSIS
Analysis of 12 core Samples

ITEM NO.	CAS Number Method Code Units	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Zn AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm
	SAMPLE ID									
1	Blank Value	0.02								
2	OREAS 253	1.25								
3	E5947701	< 0.01		< 0.01	< 0.01	< 0.2	42	9	10.3	22
4	E5947702	< 0.01		< 0.01	< 0.01	< 0.2	168	40	34.8	91
5	E5947703	< 0.01		< 0.01	< 0.01	< 0.2	177	29	27.6	44
6	E5947704	0.16		0.14	0.3	0.8	2279	73	196	1589
7	E5947705	0.22		0.31	0.36	1.1	2926	88	170	2073
8	E5947706	0.7		0.94	1	4.1	8437	150	370	5811
9	E5947707	< 0.01		< 0.01	< 0.01	< 0.2	27	31	2	17
10	E5947708	0.15		0.17	0.23	0.6	1964	75	151	1814
11	E5947709	< 0.01		< 0.01	< 0.01	< 0.2	156	3	8.7	91
12	E5947710	< 0.01	0.02	< 0.01	< 0.01	< 0.2	79	127	7.4	34
13	E5947711	< 0.01		< 0.01	< 0.01	< 0.2	12	29	< 1.0	4
14	E5947712	0.06		0.44	0.6	0.6	2868	69	189	4021

CHECKS:

STANDARDS:

Blank Value 213560-1	0.02		
CDN-PGMS-18 213560-1		0.29	1.37
OREAS 253 213560-1	1.25		

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3696
 OLD JOB NUMBER: 21-3696
 #####
 P.O NUMBER:

REPORT ANALYSIS
Analysis of 19 core Samples

ITEM NO.	CAS Number Method Code Units	Au FA-MP g/Mt	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Cu AR-AAS %	Co AR-AAS ppm	Ni AR-AAS ppm	Ni AR-AAS %
	SAMPLE ID									
1	PTC-1b									
2	CDN-PGMS-18	0.45	0.34	1.46						
3	S00432237	0.02	< 0.01	< 0.01	< 0.2	28		7	26	
4	S00432238	0.2	0.19	0.23	1.3	4017		150	2164	
5	S00432239	0.5	0.56	0.58	4.4	> 10000	1.318	307	4616	
6	S00432240	< 0.01	< 0.01	< 0.01	< 0.2	5		< 1.0	2	
7	S00432241	0.29	0.33	0.41	3	7265		555	9163	
8	S00432242	< 0.01	< 0.01	< 0.01	< 0.2	< 1		1.3	< 1	
9	S00432243	0.47	0.46	0.61	3.2	8563		325	4651	
10	S00432244	0.08	0.51	0.19	0.4	983		609	> 10000	1.161
11	S00432245	0.19	0.27	0.23	0.8	2511		190	2923	
12	S00432246	0.17	0.2	0.28	0.8	2523		205	3035	
13	S00432247	0.03	0.06	0.06	0.3	801		95.8	757	
14	S00432248	0.07	0.11	0.21	0.7	1464		213	2264	
15	S00432249	< 0.01	< 0.01	< 0.01	< 0.2	175		10.2	92	
16	S00432250	0.03	0.57	1.04	1.3	4176		302	> 10000	1.551
17	S00432251	0.04	0.05	0.07	0.5	672		77.6	782	
18	S00432252	< 0.01	0.01	< 0.01	< 0.2	187		7.6	108	
19	S00432253	< 0.01	< 0.01	< 0.01	< 0.2	8		6.7	17	
20	S00432254	< 0.01	< 0.01	< 0.01	< 0.2	37		10.2	28	
21	S00432255	< 0.01	< 0.01	< 0.01	< 0.2	24		8.7	33	
24	SU-1b					6.1				

CHECKS:

STANDARDS:

PTC-1b 213696-1					> 10000
PTC-1b 213696-2					10.99
CDN-PGMS-18 213696-1	0.45	0.34	1.46		
CDN-PGMS-18 213696-2					
SU-1b 213696-1				6.1	
SU-1b 213696-2					

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3697
 OLD JOB NUMBER: 21-3697
 #####
 P.O NUMBER:

REPORT ANALYSIS
Analysis of 35 core Samples

ITEM NO.	CAS Number Method Code Units	Pd FA-MP g/Mt	Pt FA-MP g/Mt	Au FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm
	SAMPLE ID							
1	E5947713	0.01	0.01	0.06	< 0.2	93	36.2	105
2	CDN-PGMS-18	1.52	0.34	0.51				
3	E5947714	< 0.01	0.01	< 0.01	< 0.2	60	7.4	17
4	E5947715	< 0.01	< 0.01	< 0.01	< 0.2	102	10	27
5	E5947716	< 0.01	< 0.01	0.01	< 0.2	70	12	19
6	E5947717	< 0.01	< 0.01	< 0.01	< 0.2	24	13.6	31
7	E5947718	< 0.01	< 0.01	< 0.01	< 0.2	57	10.3	20
8	E5947719	< 0.01	< 0.01	0.05	< 0.2	76	34.8	60
9	E5947720	0.56	0.41	0.06	0.8	2966	196	4057
10	E5947721	< 0.01	< 0.01	0.01	< 0.2	96	34.9	59
11	E5947722	< 0.01	0.01	0.01	< 0.2	122	40.4	65
12	E5947723	< 0.01	< 0.01	0.01	< 0.2	139	33.8	58
13	E5947724	< 0.01	0.01	0.01	< 0.2	59	26.4	52
14	E5947725	< 0.01	< 0.01	< 0.01	< 0.2	37	13.8	24
15	E5947726	< 0.01	< 0.01	0.01	< 0.2	89	19.4	39
16	E5947727	< 0.01	< 0.01	< 0.01	< 0.2	28	14.3	26
17	E5947728	< 0.01	< 0.01	< 0.01	< 0.2	129	19.2	49
18	E5947729	< 0.01	< 0.01	0.01	< 0.2	83	20.2	39
19	E5947730	< 0.01	< 0.01	0.25	< 0.2	88	22.6	43
20	E5947731	< 0.01	< 0.01	< 0.01	< 0.2	85	19.2	31
21	E5947732	< 0.01	< 0.01	< 0.01	< 0.2	52	29.4	63
22	E5947733	0.01	< 0.01	< 0.01	< 0.2	49	28.3	72
23	E5947734	0.03	< 0.01	0.01	< 0.2	238	20.4	60
24	E5947735	< 0.01	< 0.01	< 0.01	< 0.2	54	18.8	46

25	SU-1b				6.3			
26	CDN-PGMS-18	1.56	0.34	0.48				
27	E5947736	0.01	< 0.01	< 0.01	< 0.2	99	20.8	50
28	E5947737	0.01	< 0.01	< 0.01	< 0.2	85	20.4	47
29	E5947738	< 0.01	< 0.01	< 0.01	0.2	90	20.9	49
30	E5947739	0.02	< 0.01	< 0.01	< 0.2	38	20	36
31	E5947740	< 0.01	< 0.01	< 0.01	< 0.2	< 1	2.1	< 1
32	E5947741	0.01	< 0.01	< 0.01	< 0.2	96	22.4	50
33	E5947742	< 0.01	< 0.01	< 0.01	< 0.2	454	45	93
34	E5947743	0.01	< 0.01	0.02	0.4	775	27.8	57
35	E5947744	< 0.01	< 0.01	< 0.01	< 0.2	130	20.7	41
36	E5947745	0.01	< 0.01	< 0.01	< 0.2	71	20.6	42
37	E5947746	< 0.01	< 0.01	0.01	< 0.2	157	22.4	44
38	E5947747	< 0.01	< 0.01	< 0.01	< 0.2	68	19.4	36

CHECKS:

STANDARDS:

CDN-PGMS-18 213697-1	1.52	0.34	0.51	
SU-1b 213697-1				6.3
CDN-PGMS-18 213697-2	1.56	0.34	0.48	

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3698
 OLD JOB NUMBER: 21-3698
 14-Sep-21
 P.O NUMBER:

REPORT ANALYSIS
 Analysis of 35 core Samples

ITEM NO.	CAS Numb Au Method Cc FA-MP Units g/Mt	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm	Ni AR-AAS %	
	SAMPLE ID								
1	PTC-1b								
2	CDN-PGM	0.5	0.33	1.43					
3	E5947748	0.03	0.01	0.01 < 0.2		105	23.6	45	
4	E5947749	0.01	0.01 < 0.01	< 0.2		99	20.4	38	
5	E5947750	0.04	0.44	0.81	1.4	4287	337 > 10000	1.584	
6	E5947751	< 0.01	0.01 < 0.01	< 0.2		97	19.5	37	
7	E5947752	< 0.01	0.01 < 0.01	< 0.2		83	22	38	
8	E5947753	< 0.01	< 0.01	< 0.01 < 0.2		112	20.1	34	
9	E5947754	< 0.01	< 0.01	0.01 < 0.2		92	25.3	39	
10	E5947755	0.01	0.01	0.01 < 0.2		101	21.3	32	
11	E5947756	< 0.01	0.01	0.01 < 0.2		64	30.3	35	
12	E5947757	0.01 < 0.01	< 0.01		0.2	381	48.1	42	
13	E5947758	< 0.01	< 0.01	0.01 < 0.2		158	31.2	39	
14	E5947759	0.01	0.01	0.01 < 0.2		189	31.4	44	
15	E5947760	< 0.01	< 0.01	< 0.01 < 0.2	< 1		2.2 < 1		
16	E5947761	< 0.01	0.01	0.01 < 0.2		175	35.3	49	
17	E5947762	0.01	0.02	0.01 < 0.2		185	32.3	49	
18	E5947763	< 0.01	0.01	0.02 < 0.2		305	34.5	63	
19	E5947764	0.01	0.01	0.02 < 0.2		175	32	48	
20	E5947765	0.03	0.01	0.02 < 0.2		189	30.3	47	
21	E5947766	< 0.01	0.01	0.02 < 0.2		175	33.3	52	
22	E5947767	< 0.01	0.01	0.01 < 0.2		129	29.9	46	
23	E5947768	< 0.01	0.01	0.01 < 0.2		144	29.5	45	

24	E5947769	< 0.01	0.01	0.01 < 0.2	119	29.7	45	
25	SU-1b			6.1				
26	E5947770	0.06	0.38	0.52	0.8	2955	201	4040
27	E5947771	< 0.01	0.01	0.01 < 0.2		178	30	43
28	E5947772	< 0.01	0.01	0.01 < 0.2		185	30.6	45
29	E5947773	0.01	0.01	0.02 < 0.2		214	27.8	40
30	E5947774	0.01	0.01	0.02 < 0.2		196	30.3	44
31	E5947775	< 0.01	0.02	0.02 < 0.2		176	32.2	47
32	E5947776	< 0.01	0.01	0.02 < 0.2		68	27.9	43
33	E5947777	0.01	0.01	0.02 < 0.2		168	31.4	45
34	E5947778	< 0.01	0.04	0.06 < 0.2		100	29.3	47
35	E5947779	0.01	0.03	0.06 < 0.2		338	39.3	60
36	E5947780	< 0.01	0.02	0.03 < 0.2		65	33.9	50
37	E5947781	< 0.01	0.03	0.04 < 0.2		113	31	49
38	E5947782	< 0.01	0.02	0.05 < 0.2		117	30.5	51

CHECKS:

STANDARDS:

PTC-1b 213698-1						> 10000
PTC-1b 213698-2						10.997
CDN-PGM	0.5	0.33	1.43			
CDN-PGMS-18 213698-2						
SU-1b 213698-1				6.1		
SU-1b 213698-2						

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3699
 OLD JOB NUMBER: 21-3699
 15-Sep-21
 P.O NUMBER:

REPORT ANALYSIS
 Analysis of 37 core Samples

ITEM NO.	CAS Numb Au Method Cc FA-MP Units g/Mt	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm	Ni AR-AAS %	
	SAMPLE ID								
1	PTC-1b								
2	CDN-PGM	0.48	0.32	1.46					
3	E5947783	< 0.01	0.03	0.05 < 0.2	124	28.6	63		
4	E5947784	< 0.01	0.01	0.01 < 0.2	76	20.1	42		
5	E5947785	0.04	0.01	0.01 < 0.2	78	21	40		
6	E5947786	0.01	0.01 < 0.01	< 0.2	72	21.6	41		
7	E5947787	< 0.01	< 0.01	0.01 < 0.2	55	20.9	46		
8	E5947788	< 0.01	0.01	0.01 < 0.2	78	31.7	67		
9	E5947789	< 0.01	< 0.01	0.01 < 0.2	67	28.2	61		
10	E5947790	< 0.01	< 0.01	< 0.01 < 0.2	3	2.4 < 1			
11	E5947791	< 0.01	0.01	0.01 < 0.2	48	24.9	50		
12	E5947792	< 0.01	< 0.01	0.01 < 0.2	59	22.9	48		
13	E5947793	< 0.01	0.01	0.02 < 0.2	75	19	43		
14	E5947794	0.02 < 0.01	< 0.01	0.01 < 0.2	22	16	36		
15	E5947795	< 0.01	< 0.01	0.01 < 0.2	49	19.8	45		
16	E5947796	< 0.01	< 0.01	< 0.01 < 0.2	95	26	58		
17	E5947797	< 0.01	< 0.01	0.01 < 0.2	32	23.2	43		
18	E5947798	< 0.01	< 0.01	< 0.01 < 0.2	67	25.9	57		
19	E5947799	< 0.01	0.01	0.01 < 0.2	25	21	43		
20	E5947800	0.02	0.54	0.98	1.3	4240	331 > 10000	1.584	
21	E5947801	< 0.01	< 0.01	0.01 < 0.2	83	20.7	43		
22	E5947802	< 0.01	0.01 < 0.01	< 0.2	66	22.2	49		
23	E5947803	< 0.01	< 0.01	< 0.01 < 0.2	17	28.3	67		

24	E5947804	< 0.01	< 0.01	< 0.01	< 0.2	43	24.9	55
25	SU-1b					6.6		
26	E5947805	< 0.01	< 0.01	< 0.01	< 0.2	50	21	50
27	E5947806	< 0.01	< 0.01	< 0.01	< 0.2	54	19.4	43
28	E5947807	< 0.01	< 0.01	< 0.01	< 0.2	66	17.4	38
29	E5947808	< 0.01	< 0.01	< 0.01	< 0.2	57	21.1	48
30	E5947809	< 0.01	< 0.01	< 0.01	< 0.2	66	18.7	42
31	E5947810	< 0.01	< 0.01	< 0.01	< 0.2	4	2 < 1	
32	E5947811	< 0.01	< 0.01	< 0.01	< 0.2	75	19.1	44
33	E5947812	< 0.01	< 0.01	< 0.01	< 0.2	66	18.6	39
34	E5947813	< 0.01	< 0.01	0.01	< 0.2	60	15.1	33
35	E5947814	< 0.01	< 0.01	< 0.01	< 0.2	52	11.7	19
36	E5947815	< 0.01	< 0.01	< 0.01	< 0.2	69	13	32
37	E5947816	< 0.01	< 0.01	< 0.01	< 0.2	22	11.2	15
38	E5947817	< 0.01	< 0.01	< 0.01	0.3	126	21.7	43
39	E5947818	0.02	< 0.01	< 0.01	< 0.2	24	10.3	17
40	E5947819	< 0.01	< 0.01	< 0.01	0.5	18	10.7	15

CHECKS:

STANDARDS:

PTC-1b 213699-1							> 10000	
PTC-1b 213699-2							11.271	
CDN-PGM:	0.48	0.32	1.46					
CDN-PGMS-18 213699-2								
SU-1b 213699-1					6.6			
SU-1b 213699-2								

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3760
 OLD JOB NUMBER: 21-3760
 16-Sep-21
 P.O NUMBER:

REPORT ANALYSIS
 Analysis of 31 core Samples

ITEM NO.	CAS Numb Au Method Cc FA-MP Units g/Mt	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm	Ni AR-AAS %	
	SAMPLE ID								
1	E5947820	0.09	0.38	0.51	0.9	2943	202	4084	
2	CDN-PGM	0.53	0.33	1.48					
3	PTC-1b								
4	E5947821	< 0.01	< 0.01	< 0.01	0.2	11	6.3	11	
5	E5947822	0.01	< 0.01	< 0.01	0.2	22	6.6	17	
6	E5947823	< 0.01	< 0.01	< 0.01	0.3	31	9.8	18	
7	E5947824	< 0.01	< 0.01	< 0.01	0.3	30	7.5	12	
8	E5947825	0.07	< 0.01	< 0.01	1.8	186	38.2	44	
9	E5947826	0.01	< 0.01	< 0.01	0.2	10	4	5	
10	E5947827	0.01	< 0.01	< 0.01	0.3	6	3.6	3	
11	E5947828	0.36	< 0.01	0.01	0.6	670	78.2	119	
12	E5947829	< 0.01	< 0.01	< 0.01	0.2 < 1		2.8	3	
13	E5947830	< 0.01	< 0.01	< 0.01	0.3	12	5.7	4	
14	E5947831	< 0.01	< 0.01	< 0.01	0.3	19	8.6	15	
15	E5947832	< 0.01	< 0.01	< 0.01	0.3	15	6.3	12	
16	E5947833	< 0.01	< 0.01	< 0.01	0.3	28	7.4	16	
17	E5947834	< 0.01	< 0.01	< 0.01	0.4	114	17.6	36	
18	E5947835	< 0.01	< 0.01	< 0.01	0.3	42	16.1	16	
19	E5947836	< 0.01	< 0.01	< 0.01	0.4	666	6.6	5	
20	E5947837	< 0.01	< 0.01	< 0.01	< 0.2	48	5.9	5	
21	E5947838	< 0.01	< 0.01	< 0.01	< 0.2	3680	9.1 < 1		
22	E5947839	< 0.01	< 0.01	< 0.01	< 0.2	31	3.9 < 1		
23	E5947840	< 0.01	< 0.01	< 0.01	< 0.2	9	2.9 < 1		

24	E5947841	< 0.01	< 0.01	< 0.01	< 0.2	45	9.9	6	
25	SU-1b					6.3			
26	E5947842	0.03	< 0.01	< 0.01	< 0.2	15	4.2	< 1	
27	E5947843	< 0.01	< 0.01	< 0.01	< 0.2	18	8	2	
28	E5947844	0.17	< 0.01	< 0.01	< 0.2	10	6.5	3	
29	E5947845	< 0.01	< 0.01	< 0.01	< 0.2	13	6	6	
30	E5947846	< 0.01	< 0.01	< 0.01	< 0.2	3	3.1	< 1	
31	E5947847	< 0.01	< 0.01	< 0.01	< 0.2	42	12.4	16	
32	E5947848	< 0.01	< 0.01	< 0.01	< 0.2	8	6.4	< 1	
33	E5947849	< 0.01	< 0.01	< 0.01	< 0.2	10	7.4	7	
34	E5947850	0.02	0.45	0.89	1.3	4256	334	> 10000	1.578

CHECKS:

STANDARDS:

CDN-PGM	0.53	0.33	1.48	
PTC-1b 213760-1				> 10000
SU-1b 213760-1			6.3	

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3761
 OLD JOB NUMBER: 21-3761
 16-Sep-21
 P.O NUMBER:

REPORT ANALYSIS
 Analysis of 13 core Samples

ITEM NO.	CAS Numb Au Method Cc FA-MP Units g/Mt	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm
	SAMPLE ID						
1	S00432225 < 0.01	< 0.01	< 0.01	< 0.2		82	17.8
2	CDN-PGM5	0.46	0.35	1.49			
3	S00432230 < 0.01	< 0.01	< 0.01	< 0.2	112	15.7	30
4	S00432231 < 0.01	< 0.01	< 0.01	< 0.2	33	13.6	24
5	S00432232 < 0.01	< 0.01	< 0.01	< 0.2	17	7.5	13
6	S00432233 < 0.01	< 0.01	< 0.01	< 0.2	23	47.6	65
7	S00432234 < 0.01	< 0.01	< 0.01	< 0.2	15	37.9	54
8	S00432235 < 0.01	< 0.01	< 0.01	< 0.2	13	36.9	61
9	S00432236 < 0.01	< 0.01	< 0.01	< 0.2	9	7.6	12
10	S00432237 < 0.01	< 0.01	< 0.01	< 0.2	34	20.3	55
11	S00432238 < 0.01	< 0.01	< 0.01		0.2	38	19.4
12	S00432239 < 0.01	< 0.01	< 0.01	< 0.2		36	18.5
13	S00432240 < 0.01	< 0.01	< 0.01		0.2	187	101
14	S00432260 < 0.01	< 0.01	< 0.01	< 0.2		7	2.3

CHECKS:

STANDARDS:

CDN-PGM5 0.46 0.35 1.49

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3891
 OLD JOB NUMBER: 21-3891
 16-Sep-21
 P.O NUMBER:

REPORT ANALYSIS
 Analysis of 25 core Samples

ITEM NO.	CAS Number	Au Method Units	Pt FA-MP g/Mt	Pd FA-MP g/Mt	Ag AR-AAS ppm	Cu AR-AAS ppm	Co AR-AAS ppm	Ni AR-AAS ppm
		SAMPLE ID						
1	S00432261	0.01	< 0.01	< 0.01	< 0.2	64	13.7	47
2	CDN-PGM5	0.46	0.31	1.45				
3	S00432262	< 0.01	< 0.01	< 0.01	0.3	18	14	37
4	S00432263	< 0.01	< 0.01	< 0.01	0.3	28	16.4	37
5	S00432264	< 0.01	< 0.01	< 0.01	0.2	33	17.4	31
6	S00432265	< 0.01	< 0.01	< 0.01	< 0.2	31	7.7	15
7	S00432266	< 0.01	< 0.01	< 0.01	< 0.2	29	8.7	22
8	S00432267	< 0.01	< 0.01	< 0.01	< 0.2	94	27.6	38
9	S00432268	< 0.01	< 0.01	< 0.01	< 0.2	28	6	11
10	S00432269	< 0.01	< 0.01	< 0.01	< 0.2	37	13.3	41
11	S00432270	0.02	0.41	0.55	0.9	2830	199	3970
12	S00432271	< 0.01	< 0.01	< 0.01	< 0.2	23	6	14
13	S00432272	< 0.01	< 0.01	< 0.01	< 0.2	46	9.8	14
14	S00432273	< 0.01	< 0.01	< 0.01	0.3	24	5.5	8
15	S00432274	< 0.01	< 0.01	< 0.01	0.3	109	28.5	28
16	S00432275	< 0.01	< 0.01	< 0.01	< 0.2	17	5.5	18
17	S00432276	< 0.01	< 0.01	< 0.01	< 0.2	50	4.4	11
18	S00432277	< 0.01	< 0.01	< 0.01	0.6	522	64.5	52
19	S00432278	< 0.01	< 0.01	< 0.01	< 0.2	23	3.6	8
20	S00432279	0.03	< 0.01	< 0.01	< 0.2	13	2.2	4
21	S00432280	< 0.01	< 0.01	< 0.01	< 0.2	17	3.7	7
22	S00432281	0.01	< 0.01	< 0.01	< 0.2	4	1.4	5
23	S00432282	< 0.01	< 0.01	< 0.01	< 0.2	6 < 1.0		4

24 S0043228	< 0.01	< 0.01	< 0.01	< 0.2	14	16.3	34
25 S0043228	0.02	< 0.01		0.01 < 0.2	51	31.5	84
26 S0043228	< 0.01	< 0.01	< 0.01	< 0.2	80	25.7	68

30 SU-1b 6.5

CHECKS:

STANDARDS:

CDN-PGM	0.46	0.31	1.45	
SU-1b 213891-1				6.5

Ursa Major Minerals
 Project Name: Shakespeare
 Attn: Marshall Hall

JOB NUMBER: A21-3892
 OLD JOB NUMBER: 21-3892
 20-Sep-21
 P.O NUMBER:

REPORT ANALYSIS
 Analysis of 22 core Samples

ITEM NO.	CAS Numb	Au	Pt	Pd	Ag	Cu	Co	Ni	Ni
	Method	Cc FA-MP	FA-MP	FA-MP	AR-AAS	AR-AAS	AR-AAS	AR-AAS	AR-AAS
	Units	g/Mt	g/Mt	g/Mt	ppm	ppm	ppm	ppm	%
SAMPLE ID									
1	PTC-1b								
2	CDN-PGM	0.51	0.31	1.36					
3	S0043228	< 0.01	0.01	< 0.01	< 0.2	114	20.5	67	
4	S0043228	0.01	0.01	< 0.01	< 0.2	145	31.7	63	
5	S0043228	< 0.01	0.01	< 0.01	< 0.2	98	20.7	58	
6	S0043228	0.03	0.01	< 0.01	< 0.2	82	20.8	60	
7	S0043229	< 0.01	< 0.01	< 0.01	< 0.2	7	1.2	3	
8	S0043229	0.01	< 0.01	< 0.01		0.4	895	28.2	75
9	S0043229	< 0.01	< 0.01	< 0.01	< 0.2	65	18	46	
10	S0043229	< 0.01	0.01	0.01	< 0.2	241	20.3	47	
11	S0043229	< 0.01	< 0.01	0.01	< 0.2	310	18.9	49	
12	S0043229	< 0.01	0.01	< 0.01	< 0.2	113	19.2	51	
13	S0043229	< 0.01	0.01	< 0.01	< 0.2	102	19.9	48	
14	S0043229	< 0.01	< 0.01	< 0.01	< 0.2	144	22.7	51	
15	S0043229	< 0.01	0.01	< 0.01	< 0.2	117	23.6	50	
16	S0043229	< 0.01	< 0.01	< 0.01		0.2	340	32.8	65
17	S0043230	0.08	0.61	1.04	1.3	4253	334	> 10000	1.577
18	S0043230	< 0.01	< 0.01	< 0.01	< 0.2	123	26.6	51	
19	S0043230	< 0.01	0.01	0.01	< 0.2	196	30.4	64	
20	S0043230	< 0.01	0.01	0.01	< 0.2	127	28.8	52	
21	S0043230	< 0.01	0.01	0.01	< 0.2	102	27.7	48	
22	S0043230	< 0.01	0.01	< 0.01	< 0.2	106	37	57	
23	S0043230	< 0.01	< 0.01	< 0.01	< 0.2	302	39.7	34	

24 S00432307	< 0.01	< 0.01	< 0.01	< 0.2	206	27.1	45
25 SU-1b				6.1			

CHECKS:

STANDARDS:

PTC-1b 213892-1						> 10000	
PTC-1b 213892-2						10.948	
CDN-PGM	0.51	0.31	1.36				
CDN-PGMS-18 213892-2							
SU-1b 213892-1				6.1			
SU-1b 213892-2							