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MacDiarmid Nickel Project – 2021 Drill Program

Mahaffy Township, Porcupine Mining Division,
Northeastern Ontario

Canada Nickel Company

PR-21-000078

Prepared by:

Curtis Ferron, MSc., GIT
Edwin Escarraga, MSc., P.Geo
7th day of March 2022

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Executive Summary

This report summarizes the 2021 helicopter-supported drill campaign conducted on the Canada Nickel MacDiarmid property ("the property"). The property is situated in the south-central portion of MacDiarmid Township, approximately 26km northwest of the City of Timmins, Ontario. 245 contiguous single cell mining claims make up the entirety of the property.

Three diamond drill holes totaling 1,290m were completed by NPLH Drilling for Canada Nickel Company between April 22nd and May 14th, 2021. The drill program was planned to target an elongate W/NW trending magnetic/gravity anomaly predefined by airborne geophysical surveys conducted in September 2020.

Drilling intersected pervasively, variably serpentinized dunite, peridotite, and pyroxenite. Generally pervasive, disseminated nickel sulfides pentlandite and heazlewoodite as well as nickel-iron alloy awaruite were identified in dunite/peridotite intersections. Follow-up mineralogical QEMSCAN samples confirmed the presence of nickel mineralization in core samples.

Wide intersections of mineralized ultramafic rock warrant follow-up drilling on the MacDiarmid property. The authors recommend assessing the extent and variability of mineralization along-strike with further diamond drilling in concert with mineralogical sampling of drill core.

Introduction

Beginning April 22nd and continuing to May 14th, 2021, Canada Nickel Company (CNC) completed a three-hole helicopter-supported diamond drill program in MacDiarmid Township, approximately 26km northwest of Timmins, Ontario (Figure 1).

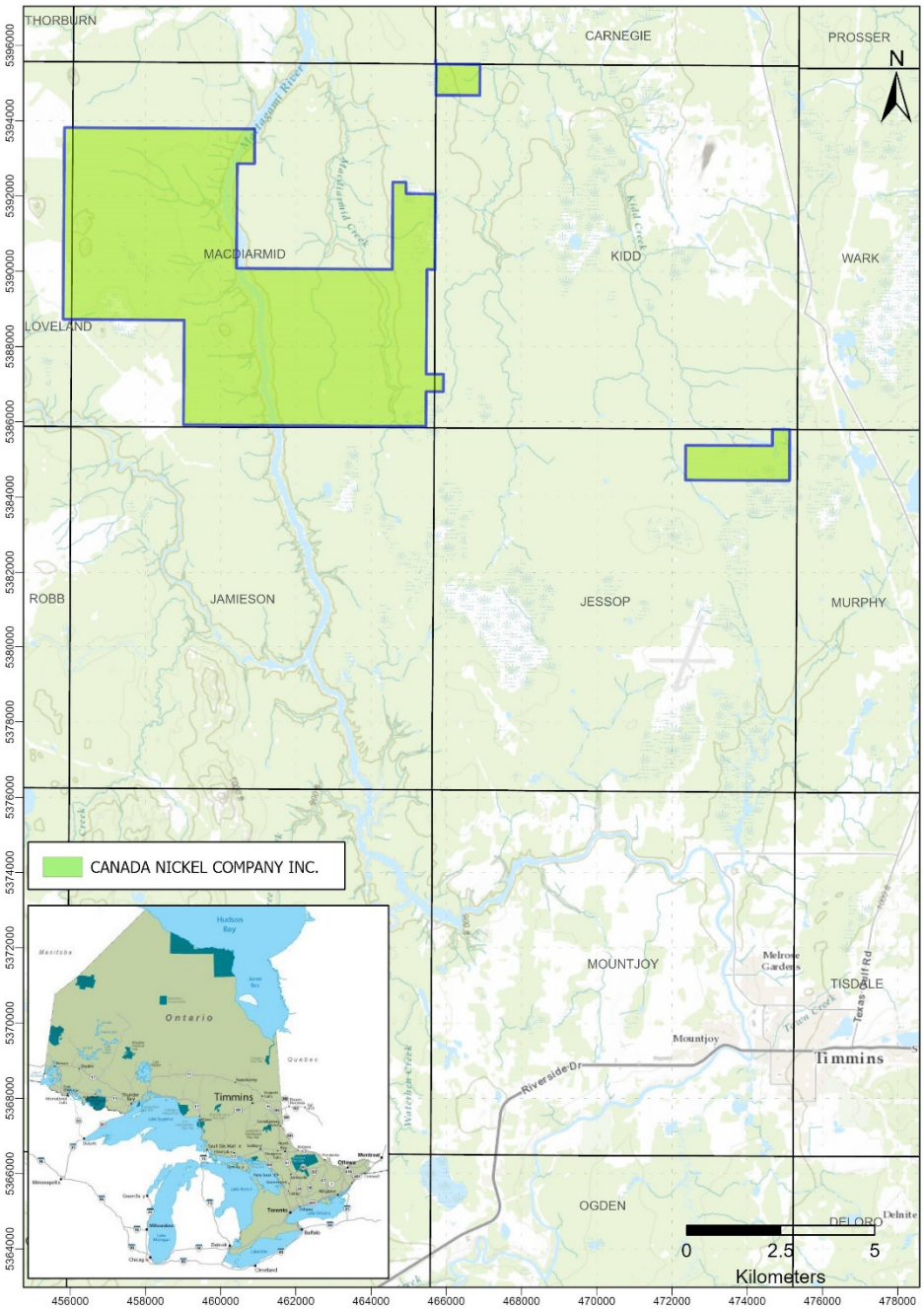


Figure 1: Canada Nickel Macdiarmid Property (green polygon) in relation to the Province of Ontario and City of Timmins, Ontario.

A total of 1,290m of NQ size core was drilled in a program to test the degree of mineralization in the eastern portion of the MacDiarmid Ultramafic Complex (MUC). The first hole, MAC21-01 (claims 527251 and 527250) was collared Northeast of the intrusive and drilled Southwest to test ultramafic mineralization. Hole MAC21-02, (claims 527257 and 527264) was collared 200 metres to the west and along strike from MAC21-01. Hole MAC21-03 (Claims 527251 and 527250) was collared 200 m to the east and along strike from MAC21-01. The MUC is an elongate, high-magnetic anomaly trending W-E to W-NW across the northern portion of the MacDiarmid Property with multiple coincident gravity lows owing to the variably serpentinized nature of the ultramafic dunite, peridotite and pyroxenite that it consists of. These geophysical signatures along with historic diamond drill hole logs were used in targeting this unit. This report outlines and describes the methods, results, and conclusions of this drilling campaign.

Property Location, Description, and Access

The MacDiarmid Nickel Project covers the south-central portion of MacDiarmid township with the area of work of this report having its eastern boundary running parallel to the Mattagami River (Figure 2). The approximate center of the property is located at UTM coordinates 460700 E, 5389000 N Zone 17N NAD83. The property can be accessed from the city of Timmins by driving 7km west on Highway 101, turning right onto Kamiskotia road and following it for ~20km. North of Kamiskotia Lake, turn left onto the north-south “Red Pine” gravel road and follow this for ~12km, turn left onto intersecting gravel road and follow for ~1km. From this point forward an all-terrain vehicle will be needed in the non-winter months. Follow these logging trails east until reaching MacDiarmid Township. During the non-winter months these trails can become significantly waterlogged, therefore this program was completed with helicopter-support and a lightweight fly-rig.

The physiography is typical of glaciated Canadian shield with generally low-lying swampy terrain and undulating sporadic hills of exposed bedrock. Elevations within the property average ~265-290 masl with the higher ground having little to no glacial overburden and the lower lying areas averaging 25-35m. Drainage is east into the Mattagami River with a

series of small tributary streams bisecting the property. Roughly 70% of the MacDiarmid portion of the property - where drilling took place - has been logged relatively recently leading to immature mixed deciduous/conifer forest and muskeg swamps. Old growth conifer and mixed deciduous forest make up the higher ground and rim the streams in the area where logging is not accessible.

The property consists of 215 contiguous unpatented single cell mining claims that cover approximately 4,580 ha in MacDiarmid and Jamieson Townships. All claims on this property were optioned by Canada Nickel from Noble Mineral Exploration (see CNC press releases dated March 4, 2020 & April 4, 2021). This drilling program was completed on 4 mining claims (Figure 2) in MacDiarmid township, listed in Appendix A.

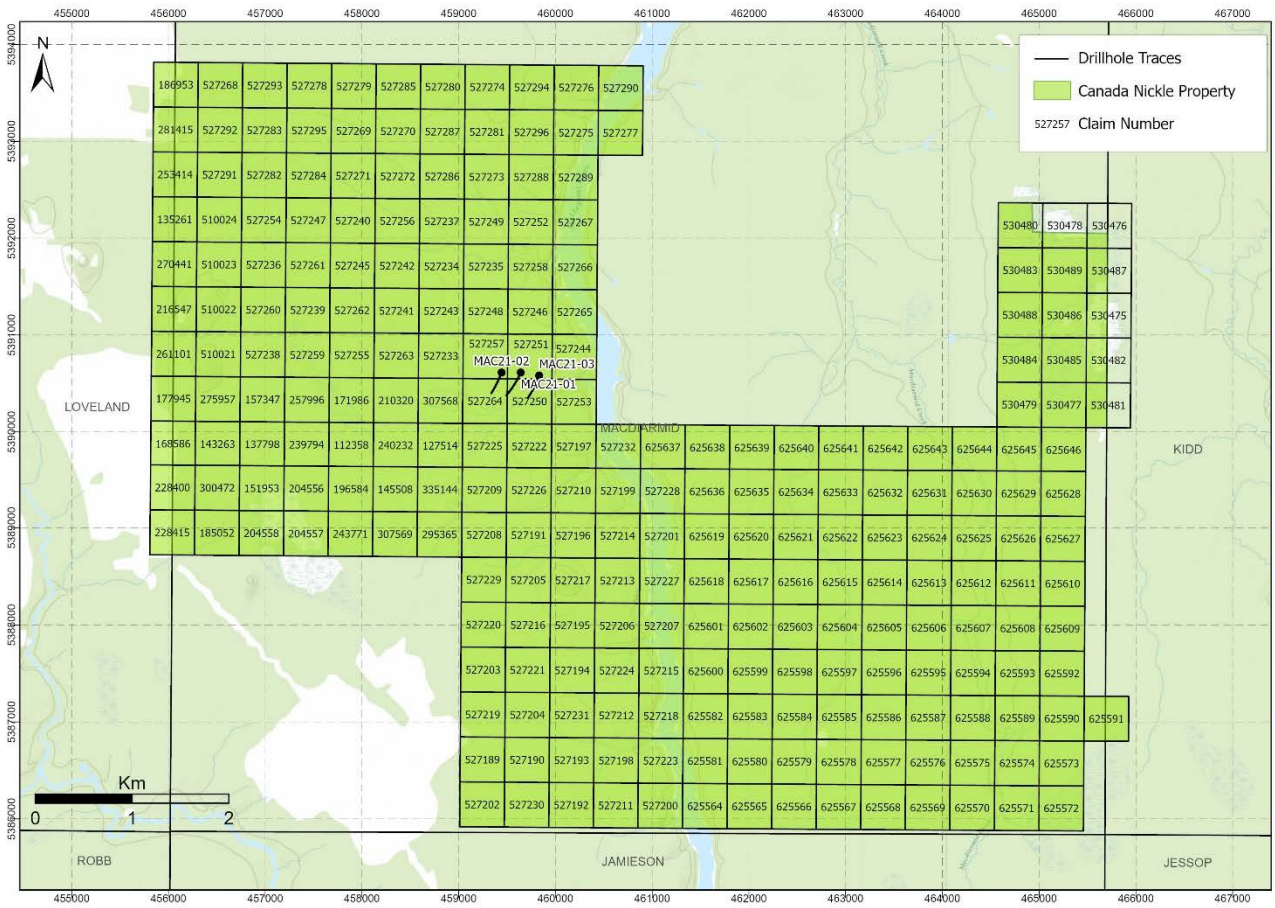


Figure 2: Macdiarmid Property claims map showing locations of drill collars (black circles) and their drill traces projected to surface. All single cell mining claims contained within the boundary are held by Canada Nickel Company.

Historic Exploration

Upon discovery of the Kidd Creek mine in 1963, a frenzy of exploration ensued in the area north of Timmins, near the now, world's deepest operating base metal mine. MacDiarmid township being directly adjacent to and along strike from Kidd township, saw a boom of exploration from this period onward to the early 2000's (see Appendix B, Table 3 for list of historic assessment reports). The MacDiarmid portion of the property where drill targeting was focused for this program, encompasses at least 94 historical diamond drill holes (Orix Geoscience, 2020). Falconbridge Ltd. was the latest operator to conduct a diamond drill program on the property from 1999-2001 (see assessment #: 42A12NE2031). Hundreds of meters of ultramafic peridotite/dunite were intersected but the program was conceivably searching for higher grade net-textured to massive sulfides similar to their properties in the Sudbury Basin at the time.

Recently, Canada Nickel Company completed an airborne geophysics program in September 2020 (St-Hilaire, 2020). Both aeromagnetic and gravity surveys were carried out to assist with targeting the high-mag and low gravity anomalies associated with serpentinized ultramafics (Mitchinson et al., 2020). Qualitative interpretations from this report outlined a 4.5km long by 740m wide (at its thickest) magnetic anomaly with a low gravity signature that approximately matches that of the magnetic survey. This combination of high magnetics and low gravity served as the basis of drill targeting for this program, along with historic drill intersections (ODHD, 2021).

Geology

Regional Geology

The property is underlain by the Kidd-Munro Assemblage (2719 – 2711 Ma) in the Southern Abitibi Greenstone Belt of the Archean Superior Province (Thurston et al., 2008). This lithotectonic unit is dominated by intermediate to mafic metavolcanic rock consisting of tuffs, breccias, and chert/iron formation horizons with localized mafic to ultramafic intrusions. Further, volcaniclastic and lesser metasedimentary argillites and greywackes

can also be found in this assemblage. Pervasive greenschist facies alteration causing

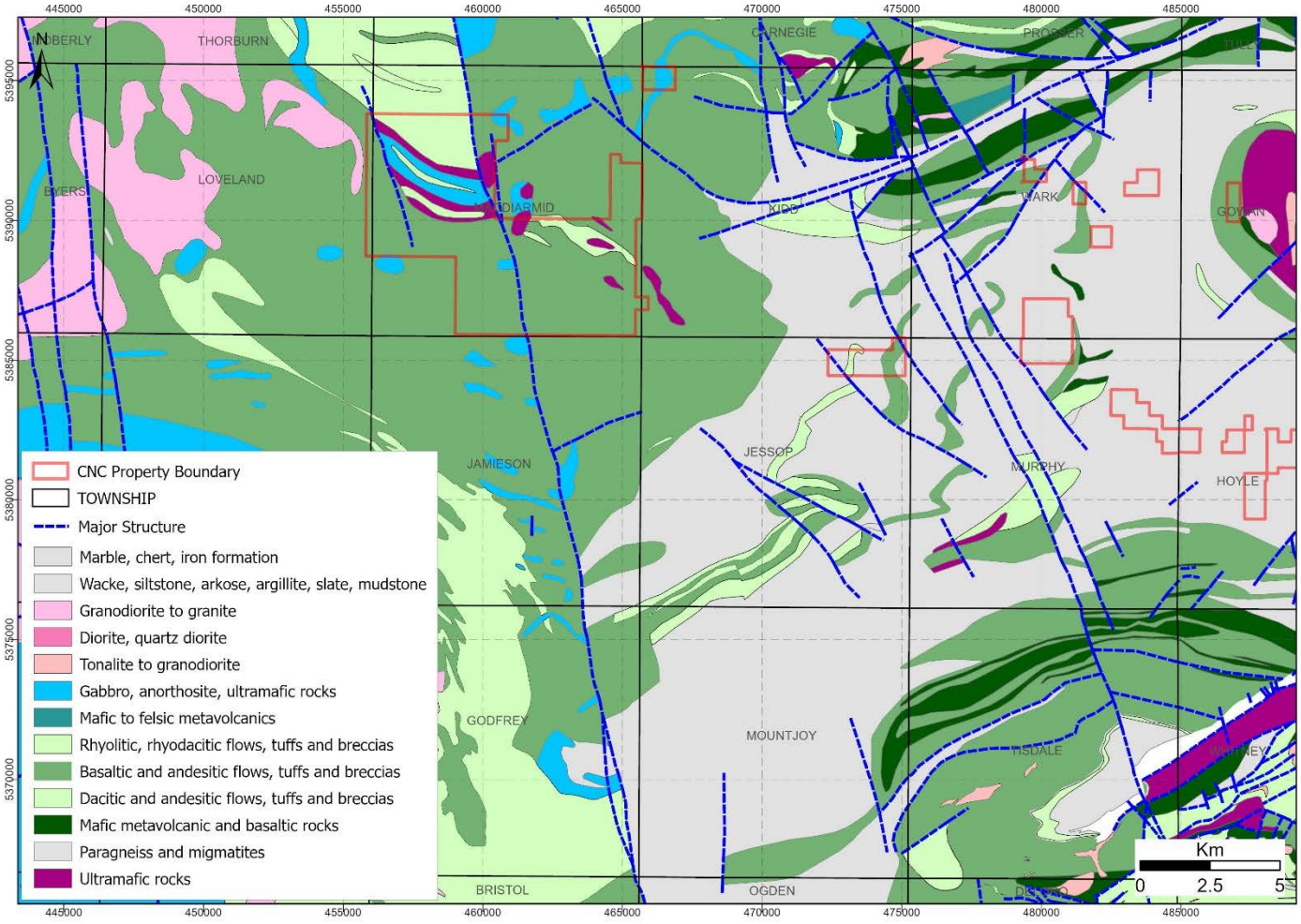


Figure 3: Regional geological map after OGS 2011. 1:150000 scale bedrock geology of Ontario; OGS, Miscellaneous Release-Data 126 – Revision 1.

sericitic, carbonate, and/or chloritic metamorphism occurs in these host rocks. Proterozoic Matachewan (NNW) and Abitibi (NNE) dyke swarms intrude all the rocks in the region with a general N-S trend (Jobin-Bevans et al., 2020).

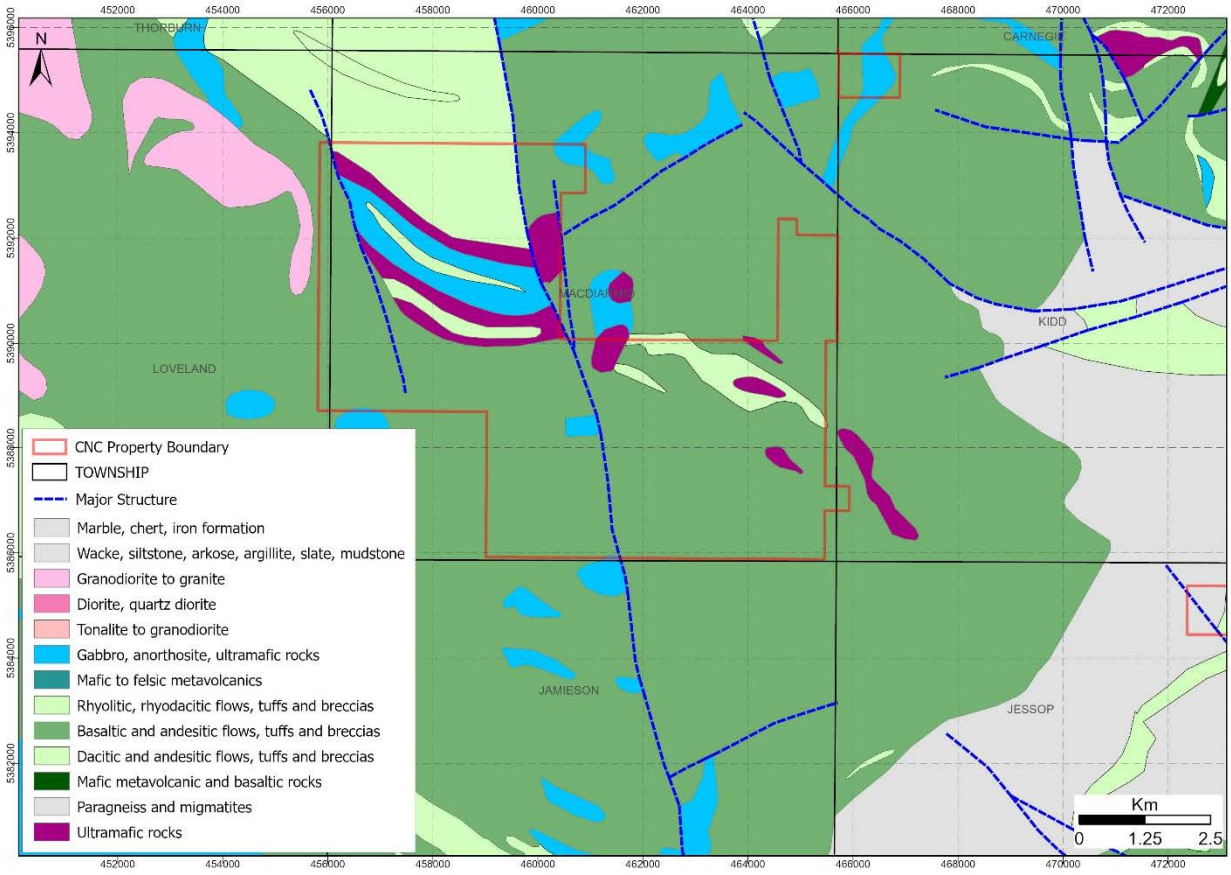


Figure 4: Macdiarmid property geological map after OGS 2011. 1:80,000 scale bedrock geology of Ontario; OGS, Miscellaneous Release-Data 126 – Revision 1.

Property Geology

The property is underlain with mafic to intermediate metavolcanics with disconformable isolated mafic to ultramafic units. The target ultramafic - the largest on the property - strikes E-W for ~1.9km and then trends SE-NW for another ~2.6km. Based on Ontario Geological Survey (OGS) bedrock mapping (Figure 3 & 4), there appears to be a major left-lateral transverse fault running subparallel to the eastern boundary of the property possibly displacing the eastern extent of the intrusion to the north. The anomaly consists of variably serpentinized adcumulate to mesocumulate dunite and peridotite. Minor felsic/intermediate dikes irregularly crosscut the ultramafics causing the ultramafic

shoulders to have higher serpentinization and minor carbonatization in 1-10m zones around them.

Isolated outcrop occurs on the property (<3%), consisting of massive non-magnetic to weakly magnetic mela-gabbro with nil to 1% disseminated fine-grained pyrrhotite.

Drill Program

Summary

Drilling for the program was carried out by *NPLH Drilling* of Timmins, Ontario. *Expedition Helicopters* provided helicopter support from the helipad site at *Cedar Meadows* in Timmins. Edwin Escarraga, MSc., P. Geo, managed all aspects of the campaign. Core logging and sampling was completed by Curtis Ferron GIT. Core was halved by *Vancon* core saws with QC samples (blanks, standards, and pulp duplicates) inserted at a rate of 3 per batch of 20 samples. Half core samples were then securely bagged and sent to SGS Burnaby in British Columbia for fire-assay and sodium peroxide fusion ICP-AES analysis. Lastly, quarter core samples of ~10cm long intervals selected from high and low mineralized sections were sent to *SGS Lakefield* for mineralogical *QEMSCAN* analysis (see appendix C).

A total of 3 diamond drill holes measuring a combined 1,290m, were completed from April 22nd to May 14th. All drilling equipment and supplies were transported via helicopter allowing for minimal environmental impact to the site. A total of 758 half-core samples and 135 control samples and duplicates were inserted. All holes in this campaign have the casings left in, all have been capped, labeled, and none encountered artesian conditions. Collar summaries are shown below in Table 1 followed by geological descriptions of each hole in the following section.

Hole ID	Northing	Easting	Elevation	Depth	Azimuth	Dip	Tenure number	Drilling started	Drilling completed	Samples taken
MAC21-01	5390614	459643	265	441	205	-50	527251	04/22/2021	05/01/2021	340
MAC21-02	5390613	459443	268	411	205	-50	527257	05/02/2021	05/07/2021	253
MAC21-03	5390584	459832	280	438	205	-50	527251	05/08/2021	05/14/2021	226

Table 1: Collar summaries of diamond drill holes completed in this program. Coordinates are in NAD 83 UTM zone 17N.

Logging

Drilled NQ core was placed in clean wood core boxes by the driller helper, then labelled with a marker and sealed for transportation via road to the core logging facility in Timmins. At the core facility, the core was cleaned and oriented followed by the measurement of RQD and magnetic susceptibility by the geological technician.

The core logging was completed by two geologists, with an information collection procedure of filling out the following tabs within an Excel sheet log: header, survey, lithology, mineralization, alteration, structure, sampling for assay, RQD, and magnetic susceptibility measurements and specific gravity measurements.

· Sampling procedure

The entire length of the drill holes (rock) was sampled, generally in 1.5m intervals. A total of 893 samples were delivered to SGS at Lakefield, Ontario. Samples were dried and crushed up to 80% passing 2 mm, riffle split (250 g) and pulverized to 95% passing 105 µm included cleaner sand. Platinum Group Elements ("PGE" s) palladium (Pd) and platinum (Pt), and precious metal gold (Au)were analyzed using a fire assay (FA) digestion of 30 g of sample material followed by an ICP-OES determination of concentration. Base metals and other elements were determined by ICP-OES following a sodium peroxide (Na2O2) fusion digestion. SGS had an internal QA/QC procedure of regularly re-analyzing selected samples.

· QAQC procedures

QAQC samples such as standards (OREAS 70b, OREAS 72a, OREAS 72b), pulp duplicates, and blanks (silica), were inserted into the sampling stream. A total of 135 QAQC samples were inserted which corresponds to 15.1% of all samples submitted. The QAQC samples consisted of 34 standards of OREAS 70b, 9 standards of OREAS 72a, 2 standards of 72b, 45 pulp duplicates and 45 blanks.

Drill Hole Descriptions and Results

MAC21-01

Collared in overburden to 26m followed by moderately serpentinized f-mg, adcumulate peridotite and dunite to 180m. Intermediate porphyritic dikes with sharp chilled contacts intrude the ultramafics from: 180-194m, 340-343m, 350-355m, and 372-385m. Ultramafics continue as variably serpentinized, weak to moderately mineralized peridotite and dunite to 367m. The hole then grades into orthocumulate, f-mg, non-magnetic to weakly magnetic pyroxenite. Intermediate intrusive non-mineralized dike described above intrudes at 372-385m with sharp contacts. The hole then grades into massive non-magnetic leuco-gabbro to 399m. Downhole it grades back into peridotite to 424m with minor intrusive dikes to 424m where it then grades back into previously described gabbro to 441m at the end of the hole. Best grade interval in dunite was 0.25% Ni over 97.3 m.

MAC21-02

Collared in overburden to 36m, continuing into f-mg, adcumulate, moderately serpentinized weak to moderately mineralized peridotite and dunite to 390m. Mineralization consists of nickel alloy, awaruite and nickel sulfides pentlandite and heazlewoodite. Intermediate locally porphyritic, f-mg, non-mineralized, intermediate dikes intrude the ultramafics from: 110-123m, 269.5-270.5m, 340.5-344m, and 379-386m. The peridotite continues into intermediate metavolcanics with a sharp contact from 390m to the end of the hole (411m). Best grade interval in dunite was 0.24% Ni over 255.9 m.

MAC21-03

Collared in overburden to 30m followed by f-mg, adcumulate, moderately serpentinized, weak to moderately mineralized, peridotite and dunite to 338m. Minor intermediate massive to locally porphyritic, f-mg, non-mineralized dikes intrude the ultramafics. The peridotite continues with a sharp contact into intermediate metavolcanics to 438m (EOH). Best grade interval in dunite was 0.24% Ni over 130.7 m

All QAQC samples had satisfactory results.

Discussion & Conclusions

All drill holes from this campaign successfully intersected wide intersections of mineralized ultramafic peridotite and dunite. The geophysical method of correlating high magnetic signatures with low gravity anomalies has proven useful in locating large serpentinized ultramafic deposits. These discoveries may be tenable to a low grade, high tonnage open pit Ni operation similar to those of the Yilgarn craton, Australia (e.g., Mount Keith) or the production-ready Dumont deposit (Sciortino et al., 2015) roughly 240km along-strike near Amos, Quebec.

Due to the success of locating and identifying Ni-bearing ultramafics (see *QEMSCAN* results Appendix C) in Macdiarmid township some 26km northwest of the city of Timmins; the authors believe that follow-up exploratory drilling should further target mineralization along-strike of this 4.5km long anomaly. Furthermore, composite mineralogy samples of ample length should be selected to further determine Ni deportment from silicates and tenor of nickel alloys and sulfides.

Certificate of Qualifications

I, Curtis J. Ferron, MSc., GIT, residing at 734 University St., Timmins, Ontario, do certify that:

1. I am a Lead Geologist at Canada Nickel Company

2. I graduated with an Honours Bachelor of Science degree in Earth Science from McMaster University in 2017.

3. I graduated with a Master of Science in Geology from McMaster University in 2019.

4. I am a certified Geoscientist-In-Training (GIT) in good standing with the Professional Geoscientists of Ontario (PGO).

5. I completed portions of the work described in this report and I am a contributing author of this Technical Report.

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

Dated this 26th day of August 2021.

Curtis J. Ferron, MSc., GIT

Certificate of Qualifications

I, Edwin Escarraga, MSc., P. Geo, Of Orix Geoscience Inc, do certify that:

1. I am a Senior Project Geologist employed by Orix Geoscience Inc., with a business address at 25 Adelaide St East. Suite 1400, Toronto ON, M5C 3A1.

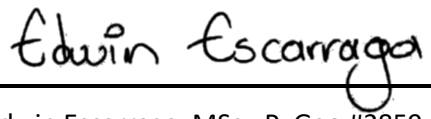
2. I graduated with a M. Sc degree of Geology from Acadia University in 2010.

3. I am I am a Professional Geoscientist (P.Geo.) registered with the Professional Geoscientists of Ontario (PGO No. 2859) and I am a member of the Prospectors and Developers Association of Canada.

4. I completed portions of the work described in this report and I am a contributing author of this Technical Report.

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

Dated this 17th day of March 2022.



Edwin Escarraga, MSc., P. Geo #2859

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Appendix A – Mining Claims

Table 2: List of claims comprising the Macdiarmid Property. Yellow highlighted cells are from claims drilling occurred on.

TENURE NUMBER	TITLE TYPE	ANNIVERSARY	HOLDER (%)	Work req/yr
112358	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
127514	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
135261	SCMC	2023-01-06	(100) CANADA NICKEL COMPANY INC.	400
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204556	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
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216547	SCMC	2022-04-10	(100) CANADA NICKEL COMPANY INC.	400
228400	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
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239794	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
240232	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
243771	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
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257996	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
261101	SCMC	2023-01-06	(100) CANADA NICKEL COMPANY INC.	400
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275957	SCMC	2022-04-17	(100) CANADA NICKEL COMPANY INC.	400
281415	SCMC	2023-01-06	(100) CANADA NICKEL COMPANY INC.	400
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625572	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625573	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625574	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625575	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625576	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625577	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625578	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625579	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625580	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625581	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625582	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625583	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625584	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625585	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625586	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625587	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625588	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625589	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625590	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625591	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625619	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625620	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625621	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625622	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625623	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625624	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625625	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625626	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625627	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625628	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625629	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625630	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625631	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625632	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625633	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625634	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625635	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
625636	SCMC	2022-12-20	(100) CANADA NICKEL COMPANY INC.	400
527189	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527190	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400

527191	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527192	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
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527198	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
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527200	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527201	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527202	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527203	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527204	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
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527282	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
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527292	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527293	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527294	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527295	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
527296	SCMC	2022-08-15	(100) CANADA NICKEL COMPANY INC.	400
530475	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530476	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530477	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530478	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530479	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530480	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530481	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530482	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530483	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530484	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530485	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530486	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530487	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530488	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
530489	SCMC	2022-09-03	(100) CANADA NICKEL COMPANY INC.	400
			Total	$ 98,000.00

Appendix B – Historic Exploration Reports

Table 3: Historic exploration assessment reports in Macdiarmid Township from the Ontario Geological Survey www.geologyontario.mndm.gov.on.ca/index.html.

Report ID	Submission Type	RGP Office	Township	# of Claim Units	Value of Work Approved	Year From	Year To
20000003600	Approved Assessment	Timmins	MacDiarmid	10	$38,110.00	2007	2007
42A12NE2022	Approved Assessment	Timmins	MacDiarmid	4	$15,083.00	2000	2001
42A11NW2016	Approved Assessment	Timmins	MacDiarmid	7	$82,568.00	1999	2000
42A12NE2031	Approved Assessment	Timmins	MacDiarmid	42	$100,347.00	1999	2000
42A11NW2014	Approved Assessment	Timmins	MacDiarmid	2	$14,688.00	1999	1999
42A11NW2009	Approved Assessment	Timmins	MacDiarmid	3	$7,556.00	1998	1998
42A12NE2010	Approved Assessment	Timmins	MacDiarmid	4	$56,420.00	1998	1998
42A12NE2005	Approved Assessment	Timmins	MacDiarmid	11	$13,336.00	1998	1998
42A12NE0070	Approved Assessment	Timmins	MacDiarmid	2	$29,399.00	1996	1996
42A12NE0074	Approved Assessment	Timmins	MacDiarmid	3	$37,392.00	1996	1996
42A11NW0045	Approved Assessment	Timmins	MacDiarmid	29	$19,238.00	1995	1995
42A12NE0002	Approved Assessment	Timmins	MacDiarmid	8		1995	1995
42A12NE0026	Approved Assessment	Timmins	MacDiarmid	25	$49,176.00	1995	1995
42A12NE0045	Approved Assessment	Timmins	MacDiarmid	1		1994	1994
42A12NE0022	Approved Assessment	Timmins	MacDiarmid	59		1994	1994
42A12NE2067	Approved Assessment	Timmins	MacDiarmid			1994	1994
42A11NW5047	Approved Assessment	Timmins	MacDiarmid	13		1992	1992
42A11NW5050	Approved Assessment	Timmins	MacDiarmid	65		1992	1992
42A11NW5049	Approved Assessment	Timmins	MacDiarmid	9		1992	1992
42A11NW5048	Approved Assessment	Timmins	MacDiarmid	8		1992	1992
42A12NE0503	Approved Assessment	Timmins	MacDiarmid	72		1991	1991
42A11NW8374	Approved Assessment	Timmins	MacDiarmid	23		1991	1991
42A11NW5051	Approved Assessment	Timmins	MacDiarmid	28		1991	1991
42A11NW5052	Approved Assessment	Timmins	MacDiarmid	26		1991	1991

42A12NE0502	Approved Assessment	Timmins	MacDiarmid	27		1991	1991
42A14SW0592	Approved Assessment	Timmins	MacDiarmid	51		1990	1990
42A12NE0504	Approved Assessment	Timmins	MacDiarmid	40		1989	1989
42A12NE0501	Approved Assessment	Timmins	MacDiarmid	22		1989	1989
42A11NW0826	Approved Assessment	Timmins	MacDiarmid	17		1989	1989
42A12NE0506	Approved Assessment	Timmins	MacDiarmid	22		1989	1989
42A11NW0596	Approved Assessment	Timmins	MacDiarmid	5		1989	1989
42A12NE0773	Approved Assessment	Timmins	MacDiarmid	17		1989	1989
42A11NW0595	Approved Assessment	Timmins	MacDiarmid	7		1989	1989
42A11NW0593	Approved Assessment	Timmins	MacDiarmid	6		1989	1989
42A11NW0591	Approved Assessment	Timmins	MacDiarmid	53		1989	1989
42A11NW0597	Approved Assessment	Timmins	MacDiarmid	11		1988	1988
42A12NE0510	Approved Assessment	Timmins	MacDiarmid	27	$8,794.00	1988	1988
42A12NE0509	Approved Assessment	Timmins	MacDiarmid	34		1988	1988
42A12NE0508	Approved Assessment	Timmins	MacDiarmid	39		1988	1988
42A12NE0507	Approved Assessment	Timmins	MacDiarmid	16		1988	1988
42A11NW0598	Approved Assessment	Timmins	MacDiarmid	69	$28,412.00	1988	1988
42A14SW0961	Approved Assessment	Timmins	MacDiarmid	24		1988	1988
42A12NE0505	Approved Assessment	Timmins	MacDiarmid	19		1988	1988
42A11NW0594	Approved Assessment	Timmins	MacDiarmid	67		1988	1988
42A11NW0601	Approved Assessment	Timmins	MacDiarmid	10		1986	1986
42A11NW0599	Approved Assessment	Timmins	MacDiarmid	10	$5,643.00	1986	1986
42A12NE0512	Approved Assessment	Timmins	MacDiarmid			1985	1985
42A12NE0513	Approved Assessment	Timmins	MacDiarmid	2		1985	1985
42A11NW0600	Approved Assessment	Timmins	MacDiarmid			1985	1985
42A11NW0602	Approved Assessment	Timmins	MacDiarmid	164		1985	1985
42A11NW0605	Approved Assessment	Timmins	MacDiarmid	164		1984	1984
42A11NW0604	Approved Assessment	Timmins	MacDiarmid	20		1984	1984

42A11NW0603	Approved Assessment	Timmins	MacDiarmid	8		1984	1984
42A11NW0606	Approved Assessment	Timmins	MacDiarmid	4		1984	1984
42A11NW0607	Approved Assessment	Timmins	MacDiarmid	16		1983	1983
42A11NW5053	Approved Assessment	Timmins	MacDiarmid	7		1983	1983
42A11NW5054	Approved Assessment	Timmins	MacDiarmid	13		1983	1983
42A11NW5056	Approved Assessment	Timmins	MacDiarmid	11		1982	1982
42A11NW5055	Approved Assessment	Timmins	MacDiarmid	28		1982	1982
42A11NW0610	Approved Assessment	Timmins	MacDiarmid			1982	1982
42A12NE0518	Approved Assessment	Timmins	MacDiarmid			1982	1982
42A11NW5058	Approved Assessment	Timmins	MacDiarmid	6		1981	1981
42A11NW5062	Approved Assessment	Timmins	MacDiarmid	6		1981	1981
42A11NW5057	Approved Assessment	Timmins	MacDiarmid	12		1981	1981
42A11NW5065	Approved Assessment	Timmins	MacDiarmid	51		1981	1981
42A11NW0608	Approved Assessment	Timmins	MacDiarmid			1981	1981
42A11NW5063	Approved Assessment	Timmins	MacDiarmid	11		1981	1981
42A12NE0514	Approved Assessment	Timmins	MacDiarmid			1981	1981
42A11NW5059	Approved Assessment	Timmins	MacDiarmid	10		1981	1981
42A11NW5060	Approved Assessment	Timmins	MacDiarmid	11		1981	1981
42A11NW5061	Approved Assessment	Timmins	MacDiarmid	10		1981	1981
42A12NE0517	Approved Assessment	Timmins	MacDiarmid			1981	1981
42A12NE0516	Approved Assessment	Timmins	MacDiarmid			1981	1981
42A12NE0515	Approved Assessment	Timmins	MacDiarmid			1981	1981
42A11NW5064	Approved Assessment	Timmins	MacDiarmid	51		1981	1981
42A11NW5066	Approved Assessment	Timmins	MacDiarmid	4		1980	1980
42A11NW0609	Approved Assessment	Timmins	MacDiarmid			1980	1980
42A11NW5067	Approved Assessment	Timmins	MacDiarmid	4		1980	1980
42A11NW5070	Approved Assessment	Timmins	MacDiarmid	8		1979	1979
42A11NW5069	Approved Assessment	Timmins	MacDiarmid	61		1979	1979

42A11NW5072	Approved Assessment	Timmins	MacDiarmid	127		1979	1979
42A11NW5073	Approved Assessment	Timmins	MacDiarmid	55		1979	1979
42A11NW5074	Approved Assessment	Timmins	MacDiarmid	3		1979	1979
42A11NW5075	Approved Assessment	Timmins	MacDiarmid	1		1979	1979
42A11NW5076	Approved Assessment	Timmins	MacDiarmid	7		1979	1979
42A11NW5077	Approved Assessment	Timmins	MacDiarmid	14		1979	1979
42A11NW5078	Approved Assessment	Timmins	MacDiarmid	9		1979	1979
42A11NW5079	Approved Assessment	Timmins	MacDiarmid	9		1979	1979
42A11NW5068	Approved Assessment	Timmins	MacDiarmid	29		1979	1979
42A11NW5071	Approved Assessment	Timmins	MacDiarmid	8		1979	1979
42A11NW0612	Approved Assessment	Timmins	MacDiarmid			1979	1979
42A12NE0520	Approved Assessment	Timmins	MacDiarmid			1979	1979
42A11NW0611	Approved Assessment	Timmins	MacDiarmid			1979	1979
42A12NE0522	Approved Assessment	Timmins	MacDiarmid			1979	1979
42A12NE0523	Approved Assessment	Timmins	MacDiarmid			1979	1979
42A12NE0519	Approved Assessment	Timmins	MacDiarmid			1979	1979
42A11NW5080	Approved Assessment	Timmins	MacDiarmid	18		1978	1978
42A11NW5081	Approved Assessment	Timmins	MacDiarmid	18		1978	1978
42A11NW5082	Approved Assessment	Timmins	MacDiarmid	6		1978	1978
42A11NW5085	Approved Assessment	Timmins	MacDiarmid	2		1978	1978
42A11NW5084	Approved Assessment	Timmins	MacDiarmid	16		1978	1978
42A11NW5087	Approved Assessment	Timmins	MacDiarmid	8		1978	1978
42A11NW5088	Approved Assessment	Timmins	MacDiarmid	2		1978	1978
42A11NW5089	Approved Assessment	Timmins	MacDiarmid	2		1978	1978
42A11NW5091	Approved Assessment	Timmins	MacDiarmid	21		1978	1978
42A11NW5083	Approved Assessment	Timmins	MacDiarmid	6		1978	1978
42A11NW5090	Approved Assessment	Timmins	MacDiarmid	8		1978	1978
42A12NE0524	Approved Assessment	Timmins	MacDiarmid			1978	1978

42A12NE0525	Approved Assessment	Timmins	MacDiarmid			1978	1978
42A11NW0614	Approved Assessment	Timmins	MacDiarmid			1978	1978
42A11NW5086	Approved Assessment	Timmins	MacDiarmid	8		1978	1978
42A11NW5092	Approved Assessment	Timmins	MacDiarmid	1		1977	1977
42A11NW0615	Approved Assessment	Timmins	MacDiarmid			1977	1977
42A11NW5093	Approved Assessment	Timmins	MacDiarmid	1		1977	1977
42A12NE0528	Approved Assessment	Timmins	MacDiarmid			1977	1977
42A12NE0527	Approved Assessment	Timmins	MacDiarmid			1977	1977
42A12NE0526	Approved Assessment	Timmins	MacDiarmid			1977	1977
42A11NW5094	Approved Assessment	Timmins	MacDiarmid	12		1977	1977
42A11NW5095	Approved Assessment	Timmins	MacDiarmid	6		1976	1976
42A11NW5103	Approved Assessment	Timmins	MacDiarmid	6		1975	1975
42A11NW5099	Approved Assessment	Timmins	MacDiarmid	8		1975	1975
42A11NW5096	Approved Assessment	Timmins	MacDiarmid	4		1975	1975
42A11NW5097	Approved Assessment	Timmins	MacDiarmid	4		1975	1975
42A11NW5098	Approved Assessment	Timmins	MacDiarmid	8		1975	1975
42A11NW5100	Approved Assessment	Timmins	MacDiarmid	4		1975	1975
42A11NW5101	Approved Assessment	Timmins	MacDiarmid	4		1975	1975
42A11NW5102	Approved Assessment	Timmins	MacDiarmid	6		1975	1975
42A12NE0529	Approved Assessment	Timmins	MacDiarmid			1975	1975
42A11NW0624	Approved Assessment	Timmins	MacDiarmid			1975	1975
42A11NW5105	Approved Assessment	Timmins	MacDiarmid	30		1974	1974
42A12NE0531	Approved Assessment	Timmins	MacDiarmid			1974	1974
42A11NW5104	Approved Assessment	Timmins	MacDiarmid	24		1974	1974
42A11NW5108	Approved Assessment	Timmins	MacDiarmid	18		1973	1973
42A11NW0623	Approved Assessment	Timmins	MacDiarmid			1973	1973
42A12NE0548	Approved Assessment	Timmins	MacDiarmid			1973	1973
42A11NW5107	Approved Assessment	Timmins	MacDiarmid	13		1973	1973

42A12NE0543	Approved Assessment	Timmins	MacDiarmid			1973	1973
42A12NE0530	Approved Assessment	Timmins	MacDiarmid			1973	1973
42A11NW5106	Approved Assessment	Timmins	MacDiarmid	19		1973	1973
42A12NE0536	Approved Assessment	Timmins	MacDiarmid			1973	1973
42A11NW5109	Approved Assessment	Timmins	MacDiarmid	15		1973	1973
42A11NW5110	Approved Assessment	Timmins	MacDiarmid	15		1973	1973
42A11NW0627	Approved Assessment	Timmins	MacDiarmid			1972	1972
42A11NW5115	Approved Assessment	Timmins	MacDiarmid	13		1972	1972
42A11NW5116	Approved Assessment	Timmins	MacDiarmid	9		1972	1972
42A11NW5113	Approved Assessment	Timmins	MacDiarmid	15		1972	1972
42A11NW0613	Approved Assessment	Timmins	MacDiarmid			1972	1972
42A11NW5112	Approved Assessment	Timmins	MacDiarmid	6		1972	1972
42A11NW5111	Approved Assessment	Timmins	MacDiarmid	13		1972	1972
42A11NW5114	Approved Assessment	Timmins	MacDiarmid	6		1972	1972
42A11NW0630	Approved Assessment	Timmins	MacDiarmid			1972	1972
42A11NW0616	Approved Assessment	Timmins	MacDiarmid			1972	1972
42A12NE0550	Approved Assessment	Timmins	MacDiarmid			1972	1972
42A12NE0549	Approved Assessment	Timmins	MacDiarmid			1972	1972
42A11NW0629	Approved Assessment	Timmins	MacDiarmid			1971	1971
42A11NW0626	Approved Assessment	Timmins	MacDiarmid			1971	1971
42A11NW5121	Approved Assessment	Timmins	MacDiarmid	8		1971	1971
42A11NW5117	Approved Assessment	Timmins	MacDiarmid	16		1971	1971
42A11NW5118	Approved Assessment	Timmins	MacDiarmid	12		1971	1971
42A11NW5119	Approved Assessment	Timmins	MacDiarmid	18		1971	1971
42A11NW5120	Approved Assessment	Timmins	MacDiarmid	16		1971	1971
42A12NE0546	Approved Assessment	Timmins	MacDiarmid			1971	1971
42A11NW5128	Approved Assessment	Timmins	MacDiarmid	2		1970	1970
42A11NW5124	Approved Assessment	Timmins	MacDiarmid	0		1970	1970

42A11NW5123	Approved Assessment	Timmins	MacDiarmid	15		1970	1970
42A12NE0552	Approved Assessment	Timmins	MacDiarmid			1970	1970
42A11NW5125	Approved Assessment	Timmins	MacDiarmid	12		1970	1970
42A11NW5129	Approved Assessment	Timmins	MacDiarmid	14		1970	1970
42A12NE0534	Approved Assessment	Timmins	MacDiarmid			1970	1970
42A11NW5122	Approved Assessment	Timmins	MacDiarmid	15		1970	1970
42A11NW5126	Approved Assessment	Timmins	MacDiarmid	14		1970	1970
42A11NW5127	Approved Assessment	Timmins	MacDiarmid	13		1970	1970
42A11NW0633	Approved Assessment	Timmins	MacDiarmid			1968	1969
42A12NE0836	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A11NW0636	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A12NE0554	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A11NW0622	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A12NE0835	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A11NW5142	Approved Assessment	Timmins	MacDiarmid	4		1969	1969
42A11NW5130	Approved Assessment	Timmins	MacDiarmid	15		1969	1969
42A11NW5131	Approved Assessment	Timmins	MacDiarmid	4		1969	1969
42A11NW5132	Approved Assessment	Timmins	MacDiarmid	3		1969	1969
42A11NW5133	Approved Assessment	Timmins	MacDiarmid	3		1969	1969
42A11NW5134	Approved Assessment	Timmins	MacDiarmid	12		1969	1969
42A11NW5135	Approved Assessment	Timmins	MacDiarmid	10		1969	1969
42A11NW5136	Approved Assessment	Timmins	MacDiarmid	9		1969	1969
42A11NW5137	Approved Assessment	Timmins	MacDiarmid	11		1969	1969
42A11NW5138	Approved Assessment	Timmins	MacDiarmid	24		1969	1969
42A11NW5139	Approved Assessment	Timmins	MacDiarmid	80		1969	1969
42A11NW5140	Approved Assessment	Timmins	MacDiarmid	80		1969	1969
42A11NW5141	Approved Assessment	Timmins	MacDiarmid	10		1969	1969
42A11NW5143	Approved Assessment	Timmins	MacDiarmid	20		1969	1969

42A11NW5144	Approved Assessment	Timmins	MacDiarmid	20		1969	1969
42A12NE0533	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A12NE0532	Approved Assessment	Timmins	MacDiarmid			1969	1969
42A11NW0937	Approved Assessment	Timmins	MacDiarmid			1968	1968
42A11NW0635	Approved Assessment	Timmins	MacDiarmid			1968	1968
42A11NW0634	Approved Assessment	Timmins	MacDiarmid			1968	1968
42A11NW0632	Approved Assessment	Timmins	MacDiarmid			1968	1968
42A12NE8373	Approved Assessment	Timmins	MacDiarmid			1967	1967
42A12NE0765	Approved Assessment	Timmins	MacDiarmid			1964	1966
42A11NW0919	Approved Assessment	Timmins	MacDiarmid			1966	1966
42A12NE0558	Approved Assessment	Timmins	MacDiarmid			1966	1966
42A11NW0640	Approved Assessment	Timmins	MacDiarmid			1966	1966
42A11NW0638	Approved Assessment	Timmins	MacDiarmid			1965	1966
42A13SE0101	Approved Assessment	Timmins	MacDiarmid			1966	1966
42A11NW0830	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A12NE0563	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A12NE0937	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A12NE0837	Approved Assessment	Timmins	MacDiarmid			1964	1965
42A12NE0557	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A11NW0617	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A11NW0618	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A12NE0538	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A12NE0540	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A12NE0541	Approved Assessment	Timmins	MacDiarmid			1965	1965
42A11NW0641	Approved Assessment	Timmins	MacDiarmid			1964	1964
20000004928	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0060	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0539	Approved Assessment	Timmins	MacDiarmid			1964	1964

42A11NW0642	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0770	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A11NW0646	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0766	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0762	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0569	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0568	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A11NW0621	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A11NW0620	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0767	Approved Assessment	Timmins	MacDiarmid			1964	1964
42A12NE0542	Approved Assessment	Timmins	MacDiarmid			1961	1961
42A12NE0544	Approved Assessment	Timmins	MacDiarmid			1961	1961
42A12NE0545	Approved Assessment	Timmins	MacDiarmid			1960	1960

Appendix C – *QEMSCAN* Mineralogical Samples

QEMSCAN mineral mass (%) for selected high and low grade 10cm intervals from MAC21-01.

Sample		**MAC21-01-84.1**	**MAC21-01-108**	**MAC21-01-129.1**	**MAC21-01-162.1**	**MAC21-01-176.4**
Fraction		**-300/+3um**	**-300/+3um**	**-300/+3um**	**-300/+3um**	**-300/+3um**
Calculated ESD Particle Size (µm)		51	39	74	26	28
Mineral Mass (%)	Serpentine	79.6	79.8	74.7	86.0	88.3
	Serpentine (Fe)	3.83	3.13	3.34	3.04	2.97
	Talc	0.01	0.01	0.00	0.01	0.01
	Amphibole	0.01	0.00	0.00	0.00	0.00
	Orthopyroxene	0.13	0.08	0.06	0.04	0.05
	Clinopyroxene	0.33	0.14	0.18	0.02	0.01
	Olivine	0.06	0.06	0.07	0.04	0.02
	Andradite	0.59	0.37	0.34	0.00	0.00
	Quartz	0.21	0.02	0.02	0.02	0.01
	Feldspars	0.20	0.13	0.24	0.08	0.03
	Chlorite	7.28	6.63	12.9	4.06	2.42
	Mica/Clays	0.04	0.02	0.05	0.04	0.02
	Magnetite	3.63	4.76	4.46	3.44	4.09
	Brucite	0.91	1.28	0.17	1.48	1.21
	Magnesite	0.33	0.61	0.02	0.40	0.43
	Coalingite	0.09	0.08	0.00	0.04	0.02
	Cr-Minerals	2.48	2.64	3.21	1.19	0.05
	Ilmenite/Rutile	0.01	0.00	0.00	0.01	0.00
	Pentlandite	0.00	0.00	0.00	0.00	0.00
	Awaruite	0.05	0.06	0.03	0.03	0.00
	Heazlewoodite	0.01	0.01	0.04	0.06	0.34
	Millerite	0.00	0.00	0.00	0.00	0.00
	Ni-Arsenide	0.00	0.00	0.00	0.00	0.00
	Chalcopyrite	0.00	0.00	0.00	0.00	0.00
	Chalcocite	0.00	0.00	0.00	0.00	0.00
	Pyrrhotite	0.00	0.00	0.00	0.00	0.00
	Pyrite	0.00	0.00	0.00	0.00	0.00
	Tochilinite	0.00	0.00	0.00	0.00	0.00
	Native Copper	0.00	0.00	0.00	0.00	0.00
	Sphalerite	0.00	0.00	0.00	0.00	0.00
	Apatite	0.01	0.02	0.01	0.01	0.00
	Calcite/Dolomite	0.21	0.12	0.17	0.01	0.00
	Gibbsite	0.00	0.00	0.00	0.00	0.00
	Other	0.00	0.00	0.00	0.01	0.00
	Total	100.0	100.0	100.0	100.0	100.0

QEMSCAN mineral mass (%) for selected high and low grade 10cm intervals from MAC21-03.

Sample		**MAC21-03-45.9.1**	**MAC21-03-78.6**	**MAC21-03-122.1**	**MAC21-03-156.1**	**MAC21-03-196.5**
Fraction		**-300/+3um**	**-300/+3um**	**-300/+3um**	**-300/+3um**	**-300/+3um**
Calculated ESD Particle Size (µm)		29	45	36	17	28
Mineral Mass (%)	Serpentine	83.2	81.7	84.7	87.4	84.7
	Serpentine (Fe)	4.98	3.46	2.86	2.34	3.85
	Talc	0.02	0.01	0.00	0.01	0.00
	Amphibole	0.00	0.00	0.00	0.00	0.00
	Orthopyroxene	0.18	0.11	0.06	0.02	0.09
	Clinopyroxene	0.05	0.01	0.01	0.02	0.01
	Olivine	0.11	0.06	0.02	0.04	0.03
	Andradite	0.00	0.00	0.00	0.00	0.00
	Quartz	0.07	0.05	0.03	0.04	0.02
	Feldspars	0.08	0.12	0.14	0.11	0.08
	Chlorite	4.66	4.93	4.23	3.05	2.26
	Mica/Clays	0.02	0.06	0.02	0.03	0.02
	Magnetite	4.03	4.55	4.85	3.48	5.54
	Brucite	1.03	2.31	1.40	1.75	2.54
	Magnesite	0.34	0.74	0.41	0.66	0.26
	Coalingite/Pyroaurite	0.11	0.22	0.09	0.12	0.06
	Cr-Minerals	1.00	1.60	1.08	0.45	0.35
	Ilmenite/Rutile	0.03	0.01	0.00	0.01	0.00
	Pentlandite	0.00	0.00	0.00	0.00	0.00
	Awaruite	0.02	0.02	0.09	0.23	0.08
	Heazlewoodite	0.04	0.05	0.00	0.09	0.14
	Millerite	0.00	0.00	0.00	0.00	0.00
	Ni-Arsenide	0.00	0.00	0.00	0.00	0.00
	Chalcopyrite	0.00	0.00	0.00	0.00	0.00
	Chalcocite	0.00	0.00	0.00	0.00	0.00
	Pyrrhotite	0.00	0.00	0.00	0.00	0.00
	Pyrite	0.00	0.00	0.00	0.00	0.00
	Tochilinite	0.00	0.00	0.00	0.00	0.00
	Native Copper	0.00	0.00	0.00	0.00	0.00
	Sphalerite	0.00	0.00	0.00	0.00	0.00
	Apatite	0.00	0.01	0.00	0.03	0.00
	Calcite/Dolomite	0.03	0.02	0.01	0.10	0.00
	Gibbsite	0.00	0.00	0.00	0.00	0.00
	Other	0.00	0.00	0.01	0.03	0.01
	Total	100.0	100.0	100.0	100.0	100.0

Appendix D – Drill Logs

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Macdiarmid					**Hole Number:**	MAC21-01
Easting:	459643	**Length:**	441	**Target:**	Macdiarmid	**Drilling Company:**	NPLH Drilling
Northing:	5390614	**Azimuth:**	205	**Core Size:**	NQ	**Drilling Start:**	Apr-22-2021
Elevation:	265	**Dip:**	-50	**Logged By:**	Curtis Ferron	**Drilling Completed:**	May-01-2021
				Tenure Number:	527251		

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**26**	**OVB, Overburden**									
26	**101**	**Per, Peridotite**	A00506881	26.0	27.5	0.093	0.013	20	11	0.005	
dark green/black spotted white, f-mg, mesocumulate, moderately weakly serpentinized peridotite Ni min = tr-0.1% vf-f patchy disseminated aw+pn+hz			A00506882	27.5	29.0	0.095	0.013	20	12	0.02	
			A00506883	29.0	30.5	0.101	0.012	20	18	0.02	
			A00506884	30.5	32.0	0.102	0.014	20	20	0.01	
			A00506886	32.0	33.5	0.101	0.014	30	24	0.005	
			A00506887	33.5	35.0	0.109	0.014	20	15	0.005	
			A00506888	35.0	36.5	0.098	0.015	20	15	0.005	
			A00506889	36.5	38.0	0.105	0.013	20	13	0.005	
			A00506891	38.0	39.5	0.104	0.013	10	9	0.005	
			A00506892	39.5	41.0	0.103	0.014	20	11	0.005	
			A00506893	41.0	42.5	0.106	0.013	20	10	0.005	
			A00506894	42.5	44.0	0.108	0.013	20	9	0.005	
			A00506896	44.0	45.5	0.108	0.012	20	12	0.005	
			A00506897	45.5	47.0	0.116	0.013	20	10	0.005	
			A00506898	47.0	48.5	0.113	0.014	10	7	0.005	
			A00506899	48.5	50.0	0.113	0.013	10	7	0.005	
			A00506900	50.0	51.5	0.112	0.013	10	8	0.005	
			A00506901	51.5	53.0	0.116	0.015	10	7	0.005	
			A00506902	53.0	54.5	0.115	0.013	10	8	0.005	
			A00506903	54.5	56.0	0.115	0.013	10	7	0.005	
			A00506904	56.0	57.5	0.126	0.014	10	8	0.005	
			A00506906	57.5	59.0	0.119	0.012	10	9	0.005	
			A00506907	59.0	60.5	0.111	0.013	20	10	0.005	

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00506908	60.5	62.0	0.109	0.012	20	12	0.005	
			A00506909	62.0	63.5	0.112	0.011	20	9	0.005	
			A00506911	63.5	65.0	0.113	0.012	20	8	0.005	
			A00506912	65.0	66.5	0.116	0.013	20	12	0.005	
			A00506913	66.5	68.0	0.133	0.013	20	9	0.005	
			A00506914	68.0	69.5	0.129	0.011	10	9	0.005	
			A00506916	69.5	71.0	0.13	0.012	10	8	0.005	
			A00506917	71.0	72.5	0.125	0.012	5	6	0.005	
			A00506918	72.5	74.0	0.131	0.012	5	6	0.005	
			A00506919	74.0	75.5	0.135	0.012	5	6	0.005	
			A00506920	75.5	77.0	0.139	0.011	5	6	0.005	
			A00506921	77.0	78.5	0.156	0.011	5	6	0.02	
			A00506922	78.5	80.0	0.173	0.012	5	6	0.005	
			A00506923	80.0	81.5	0.174	0.012	5	5	0.005	
			A00506924	81.5	83.0	0.184	0.011	5	6	0.005	
			A00506926	83.0	84.5	0.188	0.013	5	6	0.005	
			A00506927	84.5	86.0	0.189	0.013	5	5	0.01	
			A00506928	86.0	87.5	0.178	0.012	5	2.5	0.005	
			A00506929	87.5	89.0	0.185	0.011	5	2.5	0.005	
			A00506931	89.0	90.5	0.186	0.012	5	2.5	0.005	
			A00506932	90.5	92.0	0.209	0.012	5	2.5	0.005	
			A00506933	92.0	93.5	0.2	0.012	5	2.5	0.005	
			A00506934	93.5	95.0	0.216	0.012	5	2.5	0.005	
			A00506936	95.0	96.5	0.203	0.012	5	2.5	0.005	
			A00506937	96.5	98.0	0.203	0.011	5	2.5	0.01	
			A00506938	98.0	99.5	0.217	0.011	5	2.5	0.005	
			A00506939	99.5	101.0	0.232	0.012	5	2.5	0.005	
101	**179.5**	**Dun, Dunite**	A00506940	101.0	102.5	0.203	0.012	5	2.5	0.005	
dark green, f-mg, adcumulate, moderately serpentinized dunite Nimin = tr-0.25% vf-f patchy disseminated pn+hz+aw			A00506941	102.5	104.0	0.207	0.012	5	2.5	0.005	
			A00506942	104.0	105.5	0.203	0.012	5	2.5	0.005	
			A00506943	105.5	107.0	0.201	0.012	5	5	0.005	
			A00506944	107.0	108.5	0.207	0.013	5	2.5	0.005	

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A00506946	108.5	110.0	0.172	0.013	5	2.5	0.005	
A00506947	110.0	111.5	0.216	0.012	5	7	0.005	
A00506948	111.5	113.0	0.213	0.012	5	2.5	0.005	
A00506949	113.0	114.5	0.21	0.012	5	6	0.005	
A00506951	114.5	116.0	0.2	0.012	5	6	0.005	
A00506952	116.0	117.5	0.222	0.012	5	2.5	0.005	
A00506953	117.5	119.0	0.213	0.012	5	8	0.005	
A00506954	119.0	120.5	0.216	0.013	5	11	0.005	
A00506956	120.5	122.0	0.165	0.01	5	8	0.005	
A00506957	122.0	123.5	0.192	0.011	10	14	0.005	
A00506958	123.5	125.0	0.215	0.011	5	9	0.005	
A00506959	125.0	126.5	0.231	0.012	5	5	0.005	
A00506960	126.5	128.0	0.222	0.011	5	6	0.005	
A00506961	128.0	129.5	0.215	0.013	5	2.5	0.005	
A00506962	129.5	131.0	0.214	0.012	5	6	0.005	
A00506963	131.0	132.5	0.225	0.012	5	5	0.005	
A00506964	132.5	134.0	0.224	0.012	5	2.5	0.005	
A00506966	134.0	135.5	0.219	0.011	5	10	0.005	
A00506967	135.5	137.0	0.217	0.012	5	7	0.005	
A00506968	137.0	138.5	0.222	0.012	5	7	0.005	
A00506969	138.5	140.0	0.212	0.012	5	2.5	0.005	
A00506971	140.0	141.5	0.251	0.013	5	2.5	0.005	
A00506972	141.5	143.0	0.228	0.013	5	2.5	0.005	
A00506973	143.0	144.5	0.254	0.012	5	7	0.005	
A00506974	144.5	146.0	0.232	0.011	5	2.5	0.005	
A00506976	146.0	147.5	0.221	0.012	5	2.5	0.005	
A00506977	147.5	149.0	0.229	0.01	5	2.5	0.005	
A00506978	149.0	150.5	0.198	0.013	70	572	0.005	
A00506979	150.5	152.0	0.234	0.012	5	2.5	0.005	
A00506980	152.0	153.5	0.243	0.011	5	2.5	0.005	
A00506981	153.5	155.0	0.235	0.013	5	2.5	0.005	
A00506982	155.0	156.5	0.242	0.011	5	2.5	0.005	

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00506983	156.5	158.0	0.231	0.012	5	2.5	0.005	
			A00506984	158.0	159.5	0.229	0.011	5	2.5	0.005	
			A00506986	159.5	161.0	0.242	0.012	5	2.5	0.005	
			A00506987	161.0	162.5	0.243	0.012	5	2.5	0.005	
			A00506988	162.5	164.0	0.259	0.012	5	5	0.005	
			A00506989	164.0	165.5	0.247	0.012	5	2.5	0.005	
			A00506991	165.5	167.0	0.231	0.013	5	2.5	0.005	
			A00506992	167.0	168.5	0.228	0.012	5	2.5	0.005	
			A00506993	168.5	170.0	0.236	0.013	5	2.5	0.005	
			A00506994	170.0	171.5	0.215	0.011	5	2.5	0.005	
			A00506996	171.5	173.0	0.282	0.013	5	2.5	0.005	
			A00506997	173.0	174.5	0.267	0.013	5	2.5	0.005	
			A00506998	174.5	176.0	0.249	0.011	5	2.5	0.02	
			A00506999	176.0	177.0	0.227	0.014	5	2.5	0.02	
			A00507000	177.0	178.0	0.248	0.017	5	2.5	0.03	
			A00507001	178.0	179.5						
179.5	**193.6**	**IP, Intermediate Intrusive**	A00507002	179.5	181.0						
light to dark grey, aphanitic to fg, massive to locally porphyritic, non-magnetic, weakly altered along frac planes epidotization, intermediate intrusive dike UC = sharp @ 50 deg tca minor chill margins LC = sharp @ 60 deg tca below 188m becomes darker grey and finer grained aphanitic with some veining/banding with ff py+cpy @191.3m Ni min = nil			A00507003	181.0	182.5						
			A00507004	182.5	184.0						
			A00507006	184.0	185.5						
			A00507007	185.5	187.0						
			A00507008	187.0	188.5						
			A00507009	188.5	190.0						
			A00507011	190.0	191.9						
			A00507012	191.9	192.5						
			A00507013	192.5	193.6						
193.6	**339.7**	**Dun, Dunite**	A00507014	193.6	195.0						
dark green f-mg, adcumulate, moderate to strongly serpentinized dunite Ni min = tr-0.5% vf-f patchy disseminated aw+pn+hz serpentinization is variable between moderare to strong, when strong there is up to 20% ff stringers of chrysotile and as little as 1% in weaker serp 252-252.6 2-10cm wide vein of mt+ cg pn with a 1cm plag halo roughly parrallel tca -> ran 1.1% Ni on xrf			A00507016	195.0	196.5						
			A00507017	196.5	198.0						
			A00507018	198.0	199.5						
			A00507019	199.5	201.0						
			A00507020	201.0	202.5						

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507021	202.5	204.0						
			A00507022	204.0	205.5						
			A00507023	205.5	207.0						
			A00507024	207.0	208.5						
			A00507026	208.5	210.0						
			A00507027	210.0	211.5						
			A00507028	211.5	213.0						
			A00507029	213.0	214.5						
			A00507031	214.5	216.0						
			A00507032	216.0	217.5						
			A00507033	217.5	219.0						
			A00507034	219.0	220.5						
			A00507036	220.5	222.0						
			A00507037	222.0	223.5						
			A00507038	223.5	225.0						
			A00507039	225.0	226.5						
			A00507040	226.5	228.0						
			A00507041	228.0	229.5						
			A00507042	229.5	231.0						
			A00507043	231.0	232.5						
			A00507044	232.5	234.0						
			A00507046	234.0	235.5						
			A00507047	235.5	237.0						
			A00507048	237.0	238.5						
			A00507049	238.5	240.0						
			A00507051	240.0	241.5						
			A00507052	241.5	243.0						
			A00507053	243.0	244.5						
			A00507054	244.5	246.0						
			A00507056	246.0	247.5						
			A00507057	247.5	249.0						
			A00507058	249.0	250.5						

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Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507059	250.5	252.0						
			A00507060	252.0	252.6						
			A00507061	252.6	254.0						
			A00507062	254.0	255.5						
			A00507063	255.5	257.0						
			A00507064	257.0	258.5						
			A00507066	258.5	260.0						
			A00507067	260.0	261.5						
			A00507068	261.5	263.0						
			A00507069	263.0	264.5						
			A00507071	264.5	266.0						
			A00507072	266.0	267.5						
			A00507073	267.5	269.0						
			A00507074	269.0	270.5						
			A00507076	270.5	272.0						
			A00507077	272.0	273.5						
			A00507078	273.5	275.0						
			A00507079	275.0	276.5						
			A00507080	276.5	278.0						
			A00507081	278.0	279.5						
			A00507082	279.5	281.0						
			A00507083	281.0	282.5						
			A00507084	282.5	284.0						
			A00507086	284.0	285.5						
			A00507087	285.5	286.5						
			A00507088	286.5	288.0						
			A00507089	288.0	289.5						
			A00507091	289.5	291.0						
			A00507092	291.0	292.5						
			A00507093	292.5	293.8						
			A00507094	293.8	295.3						
			A00507096	295.3	296.5						

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507097	296.5	298.0						
			A00507098	298.0	299.5						
			A00507099	299.5	301.0						
			A00507100	301.0	302.5						
			A00507101	302.5	304.0						
			A00507102	304.0	305.5						
			A00507103	305.5	307.0						
			A00507104	307.0	308.5						
			A00507106	308.5	310.0						
			A00507107	310.0	311.5						
			A00507108	311.5	313.0						
			A00507109	313.0	314.5						
			A00507111	314.5	316.0						
			A00507112	316.0	317.5						
			A00507113	317.5	319.0						
			A00507114	319.0	320.5						
			A00507116	320.5	322.3						
			A00507117	322.3	323.0						
			A00507118	323.0	324.5						
			A00507119	324.5	326.0						
			A00507120	326.0	327.5						
			A00507121	327.5	329.0						
			A00507122	329.0	330.5						
			A00507123	330.5	332.0						
			A00507124	332.0	333.5						
			A00507126	333.5	335.0						
			A00507127	335.0	336.5						
			A00507128	336.5	338.0						
			A00507129	338.0	339.7						
339.7	**343**	**IP, Intermediate Intrusive**	A00507131	339.7	341.2						
light grey, f-mg massive to locally porphyritic non magnetic intermediate dike Ni min=nil			A00507132	341.2	343.0						
343	**349.7**	**Dun, Dunite**	A00507133	343.0	344.5						

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		dark black green, f-mg adcumulate,moderately strongly serpentinized/silicified dunite Ni min = tr-0.25% patchy disseminated pn+hz+aw	A00507134	344.5	346.0						
			A00507136	346.0	347.5						
			A00507137	347.5	349.0						
			A00507138	349.0	349.7						
349.7	**354.5**	**IP, Intermediate Intrusive**	A00507139	349.7	351.0						
		light grey fg massive intermediate intrusive dike ni min = nil	A00507140	351.0	352.5						
			A00507141	352.5	354.0						
			A00507142	354.0	354.5						
354.5	**367**	**Per, Peridotite**	A00507143	354.5	356.0						
		medium to dark green f-mg, mesocumulate moderately strongly serpentinized peridotite Ni min= tr-0.5% vf-f patchy disseminated pn+hz+aw significantly altered by contact metamorphosis by surroundimg dikes causes a mottled appearance and localized shearing	A00507144	356.0	357.5						
			A00507146	357.5	359.0						
			A00507147	359.0	360.5						
			A00507148	360.5	362.0						
			A00507149	362.0	363.5						
			A00507151	363.5	365.0						
			A00507152	365.0	366.5						
			A00507153	366.5	368.0						
367	**371.8**	**Pyx, Pyroxenite**	A00507153	366.5	368.0						
		black to grey, f-mg, mesocumulate to poikilitic, moderately weakly serpentinized pyroxenite Ni min=tr-0.1% vf-f patchy disseminated pn+hz+aw patches of vf-f po+py upto 1%	A00507154	368.0	369.5						
			A00507156	369.5	371.0						
			A00507157	371.0	371.8						
371.8	**384.5**	**IP, Intermediate Intrusive**	A00507158	371.8	373.5						
		grey-green, f-mg locally porphyritic to massive non-magnetic intermediate porphyry dike Nimin =nil	A00507159	373.5	375.0						
			A00507160	375.0	376.5						
			A00507161	376.5	378.0						
			A00507162	378.0	379.5						
			A00507163	379.5	381.0						
			A00507164	381.0	382.5						
			A00507166	382.5	384.0						
			A00507167	384.0	385.5						
384.5	**398.5**	**Gab, Gabbro**	A00507167	384.0	385.5						
		white grey fg, massive to locally sheared and localized skeletal crystallized leuco-gabbro	A00507168	385.5	387.0						

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
Ni min=nil			A00507169	387.0	388.5						
			A00507171	388.5	390.0						
			A00507172	390.0	391.5						
			A00507173	391.5	393.0						
			A00507174	393.0	394.5						
			A00507176	394.5	396.0						
			A00507177	396.0	397.5						
			A00507178	397.5	399.0						
398.5	**401.2**	**IP, Intermediate Intrusive**	A00507178	397.5	399.0						
grey green, f-mg, porphyritic to locally brecciated, contact metamorphosed intermediate intrusive dike Ni min=nil			A00507179	399.0	400.5						
			A00507180	400.5	401.2						
401.2	**415**	**Per, Peridotite**	A00507181	401.2	402.5						
dark green, f-mg, mesocumulate, moderately serpentinized peridotite Ni min= tr-0.25% vf-f patchy disseminated pn+hz+aw			A00507182	402.5	404.0						
			A00507183	404.0	405.5						
			A00507184	405.5	407.0						
			A00507186	407.0	408.5						
			A00507187	408.5	410.0						
			A00507188	410.0	411.5						
			A00507189	411.5	413.0						
			A00507191	413.0	414.0						
			A00507192	414.0	415.0						
415	**417**	**FP, Felsic Intrusive**	A00507193	415.0	416.0						
light grey to white, aphanitic to locally mottled/brecciated felsic dike Ni min = nil			A00507194	416.0	417.0						
417	**423.8**	**Per, Peridotite**	A00507196	417.0	418.5						
light black to grey green, f-mg mesocumulate to locally homogenized moderately serpentinized peridotite significantly altered by surunding dikes makimg it harder and more competent and homogenized Nimin= tr-0.1% vf-f patchy disseminated pn+hz+aw			A00507197	418.5	420.0						
			A00507198	420.0	421.5						
			A00507199	421.5	423.0						
			A00507200	423.0	423.8						
423.8	**441**	**Gab, Gabbro**	A00507201	423.8	425.0						
light white/green, fg, massive vw serpentinized leuco-gabbro Ni min= nil			A00507202	425.0	426.5						
			A00507203	426.5	428.0						
			A00507204	428.0	429.5						

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Macdiarmid **Hole Number:** MAC21-01

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507206	429.5	431.0						
			A00507207	431.0	432.5						
			A00507208	432.5	434.0						
			A00507209	434.0	435.5						
			A00507211	435.5	437.0						
			A00507212	437.0	438.5						
			A00507214	438.5	440.0						
			A00507215	440.0	441.0						

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Macdiarmid					**Hole Number:**	MAC21-02
Easting:	459443	**Length:**	411	**Target:**	Macdiarmid	**Drilling Company:**	NPLH Drilling
Northing:	5390613	**Azimuth:**	205	**Core Size:**	NQ	**Drilling Start:**	May-02-2021
Elevation:	268	**Dip:**	-50	**Logged By:**	Curtis Ferron	**Drilling Completed:**	May-07-2021
				Tenure Number:	527257		

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**36**	**OVB, Overburden**									
36	**92**	**Per, Peridotite**	A00507216	36.0	37.5						
dark green, f-mg, adcumulate, moderately weakly serpentinized peridotite Ni min= tr-0.1% vf-f patchy disseminated pn+hz+aw competent core, moderately hard some minor stronger serp veins between mod-weak serp			A00507217	37.5	39.0						
			A00507218	39.0	40.5						
			A00507219	40.5	42.0						
			A00507221	42.0	43.5						
			A00507222	43.5	45.0						
			A00507223	45.0	46.5						
			A00507224	46.5	48.0						
			A00507226	48.0	49.5						
			A00507227	49.5	51.0						
			A00507228	51.0	52.5						
			A00507229	52.5	54.0						
			A00507231	54.0	55.5						
			A00507232	55.5	57.0						
			A00507233	57.0	58.5						
			A00507234	58.5	60.0						
			A00507235	60.0	61.5						
			A00507236	61.5	63.0						
			A00507237	63.0	64.5						
			A00507238	64.5	66.0						
			A00507239	66.0	67.5						
			A00507241	67.5	69.0						
			A00507242	69.0	70.5						

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507243	70.5	72.0						
			A00507244	72.0	73.5						
			A00507246	73.5	75.0						
			A00507247	75.0	76.5						
			A00507248	76.5	78.0						
			A00507249	78.0	79.5						
			A00507251	79.5	81.0						
			A00507252	81.0	82.5						
			A00507253	82.5	84.0						
			A00507254	84.0	85.5						
			A00507255	85.5	87.0						
			A00507256	87.0	88.5						
			A00507257	88.5	90.0						
			A00507258	90.0	91.5						
			A00507259	91.5	93.0						
92	**110.5**	**Dun, Dunite**	A00507259	91.5	93.0						
dark green, f-mg, adcumulate moderately serpentinized dunite Ni min= tr-0.25% vf-f patchy disseminated pn+hz+aw			A00507261	93.0	94.5						
			A00507262	94.5	96.0						
			A00507263	96.0	97.5						
			A00507264	97.5	99.0						
			A00507266	99.0	100.5						
			A00507267	100.5	102.0						
			A00507268	102.0	103.5						
			A00507269	103.5	105.0						
			A00507271	105.0	106.5						
			A00507272	106.5	108.0						
			A00507273	108.0	109.0						
			A00507274	109.0	110.5						
110.5	**122.8**	**IP, Intermediate Intrusive**	A00507275	110.5	112.0						
white to cream, f-mg massive to locally porphyritic intermediate dioritic dike Ni min= nil porphyritic near UC then becomes massive phenos are mg amph			A00507276	112.0	113.5						
			A00507277	113.5	115.0						
			A00507278	115.0	116.5						

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507279	116.5	118.0						
			A00507281	118.0	119.5						
			A00507282	119.5	121.0						
			A00507283	121.0	122.8						
122.8	**269.5**	**Dun, Dunite**	A00507284	122.8	124.5						
continues in dark green, f-mg, adcumulate, moderately serpentinized, dunite veins of strong serp contain up to 10% mt over 10cm otherwise mod serp Ni min= tr-0.25% vf-f patchy disseminated aw+pn+hz			A00507286	124.5	126.0						
			A00507287	126.0	127.5						
			A00507288	127.5	129.0						
			A00507289	129.0	130.5						
			A00507291	130.5	132.0						
			A00507292	132.0	133.5						
			A00507293	133.5	135.0						
			A00507294	135.0	136.5						
			A00507295	136.5	138.0						
			A00507296	138.0	139.5						
			A00507297	139.5	141.0						
			A00507298	141.0	142.5						
			A00507299	142.5	144.0						
			A00507301	144.0	145.5						
			A00507302	145.5	147.0						
			A00507303	147.0	148.5						
			A00507304	148.5	150.0						
			A00507306	150.0	151.5						
			A00507307	151.5	153.0						
			A00507308	153.0	154.5						
			A00507309	154.5	156.0						
			A00507311	156.0	157.5						
			A00507312	157.5	159.0						
			A00507313	159.0	160.5						
			A00507314	160.5	162.0						
			A00507315	162.0	163.5						
			A00507316	163.5	165.0						

DRILL LOG REPORT

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507317	165.0	166.5						
			A00507318	166.5	168.0						
			A00507319	168.0	169.5						
			A00507321	169.5	171.0						
			A00507322	171.0	172.5						
			A00507323	172.5	174.0						
			A00507324	174.0	175.5						
			A00507326	175.5	177.0						
			A00507327	177.0	178.5						
			A00507328	178.5	180.0						
			A00507329	180.0	181.5						
			A00507331	181.5	183.0						
			A00507332	183.0	184.5						
			A00507333	184.5	186.0						
			A00507334	186.0	187.5						
			A00507335	187.5	189.0						
			A00507336	189.0	190.5						
			A00507337	190.5	192.0						
			A00507338	192.0	193.5						
			A00507339	193.5	195.0						
			A00507341	195.0	196.5						
			A00507342	196.5	198.0						
			A00507343	198.0	199.5						
			A00507344	199.5	201.0						
			A00507346	201.0	202.5						
			A00507347	202.5	204.0						
			A00507348	204.0	205.5						
			A00507349	205.5	207.0						
			A00507351	207.0	208.5						
			A00507352	208.5	210.0						
			A00507353	210.0	211.5						
			A00507354	211.5	213.0						

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507355	213.0	214.5						
			A00507356	214.5	216.0						
			A00507357	216.0	217.5						
			A00507358	217.5	219.0						
			A00507359	219.0	220.5						
			A00507361	220.5	222.0						
			A00507362	222.0	223.5						
			A00507363	223.5	225.0						
			A00507364	225.0	226.5						
			A00507366	226.5	228.0						
			A00507367	228.0	229.5						
			A00507368	229.5	231.0						
			A00507369	231.0	232.5						
			A00507371	232.5	234.0						
			A00507372	234.0	235.5						
			A00507373	235.5	237.0						
			A00507374	237.0	238.5						
			A00507375	238.5	240.0						
			A00507376	240.0	241.5						
			A00507377	241.5	243.0						
			A00507378	243.0	244.5						
			A00507379	244.5	246.0						
			A00507381	246.0	247.5						
			A00507382	247.5	249.0						
			A00507383	249.0	250.5						
			A00507384	250.5	252.0						
			A00507386	252.0	253.5						
			A00507387	253.5	255.0						
			A00507388	255.0	256.5						
			A00507389	256.5	258.0						
			A00507391	258.0	259.5						
			A00507392	259.5	261.0						

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507393	261.0	262.5						
			A00507394	262.5	264.0						
			A00507395	264.0	265.5						
			A00507396	265.5	267.0	0.252	0.011	5	2.5	0.025	
			A00507397	267.0	268.0	0.25	0.01	5	2.5	0.025	
			A00507398	268.0	269.5	0.27	0.011	5	2.5	0.025	
269.5	**270.5**	**IP, Intermediate Intrusive**	A00507399	269.5	270.5	0.019	0.004	5	2.5	0.025	
light grey, aphanitic, weakly ff chloritized intermediate dike Ni min= nil											
270.5	**340.5**	**Dun, Dunite**	A00507401	270.5	272.0	0.231	0.011	5	2.5	0.025	
continues in dark green, f-mg, adcumulate, moderately strongly serpentinized, dunite serp is stronger below dike eithup to 20% ff wispy stringers of chrysotile Ni min= tr-0.5% vf-f patchy disseminated aw+pn+hz slight increase from above but still patchy inconsistent			A00507402	272.0	273.5	0.245	0.01	5	2.5	0.025	
			A00507403	273.5	275.0	0.277	0.011	5	2.5	0.025	
			A00507404	275.0	276.5	0.219	0.01	5	2.5	0.025	
			A00507406	276.5	278.0	0.259	0.01	5	2.5	0.025	
			A00507407	278.0	279.5	0.251	0.014	5	2.5	0.025	
			A00507408	279.5	281.0	0.25	0.012	5	2.5	0.025	
			A00507409	281.0	282.5	0.258	0.012	10	2.5	0.025	
			A00507411	282.5	284.0	0.249	0.01	5	2.5	0.025	
			A00507412	284.0	285.5	0.257	0.01	5	2.5	0.025	
			A00507413	285.5	287.0	0.276	0.011	5	2.5	0.025	
			A00507414	287.0	288.5	0.261	0.011	5	2.5	0.025	
			A00507415	288.5	290.0	0.258	0.01	5	2.5	0.025	
			A00507416	290.0	291.5	0.259	0.011	5	2.5	0.025	
			A00507417	291.5	293.0	0.256	0.013	5	2.5	0.025	
			A00507418	293.0	294.5	0.256	0.011	5	2.5	0.025	
			A00507419	294.5	296.0	0.259	0.011	5	2.5	0.025	
			A00507421	296.0	297.5	0.26	0.01	5	2.5	0.025	
			A00507422	297.5	299.0	0.261	0.01	5	2.5	0.025	
			A00507423	299.0	300.5	0.265	0.009	5	2.5	0.025	
			A00507424	300.5	302.0	0.258	0.01	5	2.5	0.025	
			A00507426	302.0	303.5	0.132	0.007	5	2.5	0.025	
			A00507427	303.5	305.0	0.253	0.01	5	2.5	0.025	
			A00507428	305.0	306.5	0.259	0.012	5	2.5	0.025	

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507429	306.5	308.0	0.253	0.009	5	2.5	0.025	
			A00507431	308.0	309.5	0.256	0.011	5	2.5	0.025	
			A00507432	309.5	311.0	0.261	0.011	5	2.5	0.025	
			A00507433	311.0	312.5	0.264	0.01	5	2.5	0.025	
			A00507434	312.5	314.0	0.246	0.012	5	2.5	0.025	
			A00507435	314.0	315.5	0.256	0.011	5	2.5	0.025	
			A00507436	315.5	317.0	0.257	0.01	5	2.5	0.025	
			A00507437	317.0	318.5	0.28	0.012	5	2.5	0.025	
			A00507438	318.5	320.0	0.281	0.014	5	2.5	0.025	
			A00507439	320.0	321.5	0.245	0.012	5	2.5	0.025	
			A00507441	321.5	323.0	0.291	0.012	5	2.5	0.025	
			A00507442	323.0	324.5	0.265	0.01	5	2.5	0.025	
			A00507443	324.5	326.0	0.244	0.01	5	2.5	0.025	
			A00507444	326.0	327.5	0.253	0.011	5	2.5	0.025	
			A00507446	327.5	329.0	0.235	0.009	5	2.5	0.025	
			A00507447	329.0	330.5	0.25	0.01	5	2.5	0.025	
			A00507448	330.5	332.0	0.241	0.011	5	2.5	0.025	
			A00507449	332.0	333.5	0.249	0.009	5	2.5	0.025	
			A00507451	333.5	335.0	0.251	0.009	20	2.5	0.025	
			A00507452	335.0	336.5	0.254	0.01	5	2.5	0.025	
			A00507453	336.5	338.0	0.246	0.01	5	6	0.025	
			A00507454	338.0	339.5	0.271	0.011	5	2.5	0.025	
			A00507455	339.5	340.5	0.242	0.01	5	2.5	0.025	
340.5	**344.3**	**IP, Intermediate Intrusive**	A00507456	340.5	341.5	0.029	0.003	5	2.5	0.025	
light grey, fg, massive, non-magnetic, intermediate dike Ni min= nil 341.5-342 sliver of dunite intercalated with dike			A00507457	341.5	342.0	0.26	0.009	5	2.5	0.025	
			A00507458	342.0	343.5	0.021	0.004	5	2.5	0.025	
			A00507459	343.5	344.3	0.021	0.004	5	2.5	0.025	
344.3	**378.7**	**Dun, Dunite**	A00507461	344.3	345.5	0.268	0.01	5	2.5	0.025	
dark green, f-mg, adcumulate, moderately strongly serpentinized dunite Ni min= tr-0.25% vf-f, patchy disseminated aw+pn+hz			A00507462	345.5	347.0	0.252	0.01	5	2.5	0.025	
			A00507463	347.0	348.5	0.247	0.01	5	2.5	0.025	
			A00507464	348.5	350.0	0.267	0.01	5	6	0.025	
			A00507466	350.0	351.5	0.246	0.009	5	2.5	0.025	

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507467	351.5	353.0	0.259	0.01	5	2.5	0.025	
			A00507468	353.0	354.5	0.252	0.011	20	2.5	0.025	
			A00507469	354.5	356.0	0.257	0.009	5	2.5	0.025	
			A00507471	356.0	357.5	0.231	0.008	5	2.5	0.025	
			A00507472	357.5	359.0	0.25	0.01	5	2.5	0.025	
			A00507473	359.0	360.5	0.243	0.011	5	2.5	0.025	
			A00507474	360.5	362.0	0.238	0.01	5	2.5	0.025	
			A00507475	362.0	363.5	0.242	0.009	5	2.5	0.025	
			A00507476	363.5	365.0	0.248	0.009	5	2.5	0.025	
			A00507477	365.0	366.5	0.24	0.009	5	2.5	0.025	
			A00507478	366.5	368.0	0.24	0.01	5	2.5	0.025	
			A00507479	368.0	369.5	0.247	0.009	5	6	0.025	
			A00507481	369.5	371.0	0.247	0.01	5	2.5	0.025	
			A00507482	371.0	372.5	0.235	0.009	5	2.5	0.025	
			A00507483	372.5	374.0	0.243	0.009	5	2.5	0.025	
			A00507484	374.0	375.5	0.232	0.009	5	2.5	0.025	
			A00507486	375.5	377.0	0.231	0.008	5	2.5	0.025	
			A00507487	377.0	378.7	0.215	0.009	5	2.5	0.025	
378.7	**385.8**	**IP, Intermediate Intrusive**	A00507488	378.7	380.2	0.081	0.004	5	2.5	0.025	
light grey, fg, massive, non-magnetic, dioritic intermediate dike Ni min= nil			A00507489	380.2	381.7	0.019	0.004	5	2.5	0.025	
			A00507491	381.7	383.2	0.02	0.004	5	2.5	0.025	
			A00507492	383.2	384.7	0.02	0.004	5	2.5	0.025	
			A00507493	384.7	385.8	0.019	0.004	5	2.5	0.025	
385.8	**390**	**Per, Peridotite**	A00507494	385.8	387.3	0.166	0.008	5	7	0.45	
green-black, f-mg adcumulate to massive moderately strongly serpentinized peridotite Ni min=0.5-1% vf-f disseminated pn+hz moderately strong carb/silicification			A00507495	387.3	388.8	0.148	0.008	5	8	0.47	
			A00507496	388.8	390.0	0.13	0.008	5	8	0.12	
390	**411**	**IMV, Intermediate Metavolcanics**	A00507497	390.0	391.5	0.054	0.005	5	2.5	0.025	
grey-white, aphanitic to cg, brecciated to amygoidal, non-magnetic, intermediate volcanic tuff breccia			A00507498	391.5	393.0	0.012	0.003	5	2.5	0.025	
			A00507499	393.0	394.5	0.009	0.003	5	2.5	0.025	
			A00507501	394.5	396.0	0.009	0.003	5	2.5	0.025	
			A00507502	396.0	397.5	0.009	0.003	5	2.5	0.025	
			A00507503	397.5	399.0	0.01	0.003	5	2.5	0.025	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Macdiarmid **Hole Number:** MAC21-02

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507504	399.0	400.5	0.011	0.003	5	2.5	0.1	
			A00507506	400.5	402.0	0.009	0.003	5	2.5	0.07	
			A00507507	402.0	403.5	0.011	0.003	5	2.5	0.07	
			A00507508	403.5	405.0	0.011	0.003	5	2.5	0.025	
			A00507509	405.0	406.5	0.01	0.003	5	2.5	0.09	
			A00507511	406.5	408.0	0.009	0.003	5	2.5	0.3	
			A00507512	408.0	409.5	0.008	0.003	5	2.5	0.025	
			A00507513	409.5	411.0	0.009	0.003	5	2.5	0.025	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Macdiarmid					**Hole Number:**	MAC21-03
Easting:	459832	**Length:**	438	**Target:**	Macdiarmid	**Drilling Company:**	NPLH Drilling
Northing:	5390584	**Azimuth:**	205	**Core Size:**	NQ	**Drilling Start:**	May-08-2021
Elevation:	280	**Dip:**	-50	**Logged By:**	Curtis Ferron	**Drilling Completed:**	May-14-2021
				Tenure Number:	527251		

Comments:

From	To	Lithology
0	**30**	**OVB, Overburden**
30	**87.3**	**Dun, Dunite**

dark green to black, f-mg, adcumulate, strongly serpentinized dunite
Ni min= tr-0.5% vf-f patchy aw+pn+hz
5-25% wispy cys stringers @ irregular ori

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A00507514	30.0	31.5	0.212	0.01	5	2.5	0.025	
A00507515	31.5	33.0	0.189	0.01	5	5	0.025	
A00507516	33.0	34.5	0.282	0.011	5	6	0.025	
A00507517	34.5	36.0	0.169	0.012	10	2.5	0.025	
A00507519	36.0	37.5	0.232	0.01	5	5	0.025	
A00507520	37.5	39.0	0.221	0.01	5	6	0.025	
A00507521	39.0	40.5	0.226	0.01	5	2.5	0.025	
A00507522	40.5	42.0	0.309	0.011	5	5	0.025	
A00507524	42.0	43.5	0.253	0.011	5	6	0.025	
A00507525	43.5	45.0	0.27	0.011	5	5	0.025	
A00507526	45.0	46.5	0.262	0.011	5	2.5	0.025	
A00507527	46.5	48.0	0.27	0.011	5	2.5	0.025	
A00507529	48.0	49.5	0.214	0.011	5	2.5	0.025	
A00507530	49.5	51.0	0.279	0.012	5	2.5	0.025	
A00507531	51.0	52.5	0.231	0.011	5	2.5	0.025	
A00507532	52.5	54.0	0.189	0.011	5	2.5	0.025	
A00507533	54.0	55.5	0.244	0.009	5	5	0.025	
A00507534	55.5	57.0	0.243	0.01	5	2.5	0.025	
A00507535	57.0	58.5	0.185	0.009	5	6	0.025	
A00507536	58.5	60.0	0.233	0.01	5	2.5	0.025	
A00507537	60.0	61.5	0.211	0.009	5	8	0.025	
A00507539	61.5	63.0	0.231	0.01	5	6	0.025	
A00507540	63.0	64.5	0.235	0.009	5	2.5	0.025	

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507541	64.5	66.0	0.211	0.01	5	2.5	0.025	
			A00507542	66.0	67.5	0.24	0.01	5	2.5	0.025	
			A00507544	67.5	69.0	0.183	0.011	5	2.5	0.025	
			A00507545	69.0	70.5	0.214	0.01	5	5	0.025	
			A00507546	70.5	72.0	0.265	0.01	5	2.5	0.025	
			A00507547	72.0	73.5	0.269	0.009	5	2.5	0.025	
			A00507549	73.5	75.0	0.323	0.009	5	2.5	0.025	
			A00507550	75.0	76.5	0.27	0.01	5	2.5	0.025	
			A00507551	76.5	78.0	0.238	0.009	5	2.5	0.025	
			A00507552	78.0	79.5	0.276	0.01	5	2.5	0.025	
			A00507553	79.5	81.0	0.261	0.01	5	2.5	0.025	
			A00507554	81.0	82.5	0.246	0.009	5	2.5	0.025	
			A00507555	82.5	84.0	0.236	0.008	5	2.5	0.025	
			A00507556	84.0	85.5	0.265	0.009	5	5	0.025	
			A00507557	85.5	87.3	0.232	0.01	5	2.5	0.025	
87.3	**91.3**	**FDy, Felsic Dyke**	A00507559	87.3	88.8	0.008	0.002	5	2.5	0.025	
light cream to salmon pink, aphanitic, weak ff chloritized felsic dike Ni min= nil			A00507560	88.8	90.3	0.01	0.002	5	2.5	0.025	
			A00507561	90.3	91.3	0.028	0.004	5	2.5	0.025	
91.3	**204.1**	**Dun, Dunite**	A00507562	91.3	92.5	0.261	0.011	5	5	0.025	
continues in dark green to black moderately strong to strongly serpentinized dunite Ni min= tr-0.5% vf-f patchy aw+pn+hz			A00507564	92.5	94.0	0.24	0.009	5	2.5	0.025	
			A00507565	94.0	95.5	0.248	0.009	5	2.5	0.025	
			A00507566	95.5	97.0	0.21	0.01	5	2.5	0.025	
			A00507567	97.0	98.5	0.27	0.01	5	2.5	0.025	
			A00507569	98.5	100.0	0.295	0.011	5	2.5	0.025	
			A00507570	100.0	101.5	0.218	0.011	5	2.5	0.025	
			A00507571	101.5	103.0	0.264	0.01	20	6	0.025	
			A00507572	103.0	104.5	0.251	0.009	5	5	0.025	
			A00507573	104.5	106.0	0.255	0.01	5	5	0.025	
			A00507574	106.0	107.5						
			A00507575	107.5	109.0						
			A00507576	109.0	110.5						
			A00507577	110.5	112.0						

DRILL LOG REPORT

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507579	112.0	113.5						
			A00507580	113.5	115.0						
			A00507581	115.0	116.5						
			A00507582	116.5	118.0						
			A00507584	118.0	119.5						
			A00507585	119.5	121.0						
			A00507586	121.0	122.5						
			A00507587	122.5	124.0						
			A00507589	124.0	125.5						
			A00507590	125.5	127.0						
			A00507591	127.0	128.5						
			A00507592	128.5	130.0						
			A00507593	130.0	131.5						
			A00507594	131.5	133.0						
			A00507595	133.0	134.5						
			A00507596	134.5	136.0						
			A00507597	136.0	137.5						
			A00507599	137.5	139.0						
			A00507600	139.0	140.5						
			A00507601	140.5	142.0						
			A00507602	142.0	143.5						
			A00507604	143.5	145.0						
			A00507605	145.0	146.5						
			A00507606	146.5	148.0						
			A00507607	148.0	149.5						
			A00507609	149.5	151.0						
			A00507610	151.0	152.5						
			A00507611	152.5	154.0						
			A00507612	154.0	155.5						
			A00507613	155.5	157.0						
			A00507614	157.0	158.5						
			A00507615	158.5	160.0						

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507616	160.0	161.5						
			A00507617	161.5	163.0						
			A00507619	163.0	164.5						
			A00507620	164.5	166.0						
			A00507621	166.0	167.5						
			A00507622	167.5	169.0						
			A00507624	169.0	170.5						
			A00507625	170.5	172.0						
			A00507626	172.0	173.5						
			A00507627	173.5	175.0						
			A00507629	175.0	176.5						
			A00507630	176.5	178.0						
			A00507631	178.0	179.5						
			A00507632	179.5	181.0						
			A00507633	181.0	182.5						
			A00507634	182.5	184.0	0.002	0.001	5	2.5	0.025	
			A00507635	184.0	185.5	0.24	0.011	5	2.5	0.025	
			A00507636	185.5	187.0	0.273	0.011	5	2.5	0.025	
			A00507637	187.0	188.5	0.272	0.011	5	2.5	0.025	
			A00507639	188.5	190.0	0.253	0.011	5	2.5	0.025	
			A00507640	190.0	191.5	0.263	0.01	5	2.5	0.025	
			A00507641	191.5	193.0	0.259	0.011	5	2.5	0.025	
			A00507642	193.0	194.5	0.246	0.01	5	2.5	0.025	
			A00507644	194.5	196.0	0.255	0.01	5	2.5	0.025	
			A00507645	196.0	197.5	0.252	0.01	5	2.5	0.025	
			A00507646	197.5	199.0	0.252	0.01	5	2.5	0.025	
			A00507647	199.0	200.5	0.247	0.01	5	2.5	0.025	
			A00507649	200.5	202.0	0.251	0.01	5	2.5	0.025	
			A00507650	202.0	203.5	0.287	0.009	5	2.5	0.025	
			A00507651	203.5	204.1	0.207	0.008	5	2.5	0.025	
204.1	**207**	**IP, Intermediate Intrusive**	A00507652	204.1	205.6	0.019	0.003	5	2.5	0.025	
light grey, aphanitic to fg, massive to locally porphyritic, weakly chloritized intermediate dike			A00507653	205.6	207.0	0.039	0.003	5	2.5	0.025	

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
Ni min= nil											
207	**221.9**	**Dun, Dunite**	A00507654	207.0	208.5	0.212	0.009	5	2.5	0.025	
continues in dark green to black moderately strong to strongly serpentinized dunite Ni min= tr-0.5% vf-f patchy aw+pn+hz alteration is stronger near contacts			A00507655	208.5	210.0	0.283	0.012	5	2.5	0.025	
			A00507656	210.0	211.5	0.267	0.01	5	2.5	0.025	
			A00507657	211.5	213.0	0.273	0.008	5	2.5	0.025	
			A00507659	213.0	214.5	0.291	0.009	5	2.5	0.025	
			A00507660	214.5	216.0	0.28	0.009	5	2.5	0.025	
			A00507661	216.0	217.5	0.266	0.01	5	2.5	0.025	
			A00507662	217.5	219.0	0.255	0.011	5	2.5	0.025	
			A00507664	219.0	220.5	0.269	0.01	5	2.5	0.025	
			A00507665	220.5	222.0	0.287	0.01	5	2.5	0.025	
221.9	**222.7**	**IP, Intermediate Intrusive**	A00507665	220.5	222.0	0.287	0.01	5	2.5	0.025	
minor light grey massive dioritic dike Ni min= nil			A00507666	222.0	222.7	0.013	0.003	10	13	0.025	
222.7	**224.8**	**Dun, Dunite**	A00507667	222.7	224.0	0.255	0.009	5	2.5	0.025	
continues in dark green to black moderately strong to strongly serpentinized dunite Ni min= tr-0.5% vf-f patchy aw+pn+hz			A00507669	224.0	224.8	0.232	0.007	5	2.5	0.025	
224.8	**231.7**	**IP, Intermediate Intrusive**	A00507670	224.8	226.3	0.029	0.004	5	2.5	0.025	
light grey/green, massive to fragmented, mod weakly chloritized/qz-carb altered dioritic dike Ni min= nil irregular qz-cb veinlets cut dike, stronger near base			A00507671	226.3	227.8	0.014	0.003	5	2.5	0.025	
			A00507672	227.8	229.3	0.01	0.002	5	2.5	0.025	
			A00507673	229.3	230.8	0.017	0.003	5	2.5	0.025	
			A00507674	230.8	231.7	0.012	0.002	5	2.5	0.025	
231.7	**235.1**	**Dun, Dunite**	A00507675	231.7	233.2	0.253	0.009	5	2.5	0.025	
continues in dark green to black moderately strong to strongly serpentinized dunite Ni min= tr-0.5% vf-f patchy aw+pn+hz			A00507676	233.2	234.7	0.277	0.011	5	2.5	0.025	
			A00507677	234.7	235.1	0.19	0.01	5	2.5	0.025	
235.1	**252.2**	**IP, Intermediate Intrusive**	A00507679	235.1	236.5	0.019	0.004	5	2.5	0.025	
light grey, fg, massive, non-magnetic, weakly chloritized/carbonatized dioritic dike Ni min= nil			A00507680	236.5	238.0	0.019	0.004	5	2.5	0.025	
			A00507681	238.0	239.5	0.018	0.004	5	2.5	0.025	
			A00507682	239.5	241.0	0.016	0.004	5	2.5	0.025	
			A00507684	241.0	242.5	0.02	0.004	5	2.5	0.07	
			A00507685	242.5	244.0	0.023	0.004	5	2.5	0.025	
			A00507686	244.0	245.5	0.024	0.004	5	2.5	0.025	
			A00507687	245.5	247.0	0.02	0.004	5	2.5	0.025	

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507689	247.0	248.5	0.021	0.004	5	2.5	0.06	
			A00507690	248.5	250.0	0.021	0.004	5	2.5	0.025	
			A00507691	250.0	251.5	0.018	0.004	5	2.5	0.025	
			A00507692	251.5	252.2	0.02	0.004	5	2.5	0.025	
252.2	**309**	**Dun, Dunite**	A00507693	252.2	253.5	0.218	0.012	5	2.5	0.025	LC sample is 1m
continues in dark green to black moderately strong to strongly serpentinized dunite Ni min= tr-0.5% vf-f patchy aw+pn+hz			A00507694	253.5	255.0	0.337	0.019	20	10	0.025	LC sample is 0.8m
			A00507695	255.0	256.5	0.25	0.011	5	2.5	0.025	
			A00507696	256.5	258.0	0.251	0.01	5	2.5	0.025	
			A00507697	258.0	259.5	0.264	0.009	5	2.5	0.025	
			A00507699	259.5	261.0	0.273	0.01	5	2.5	0.025	
			A00507700	261.0	262.5	0.259	0.009	5	2.5	0.025	
			A00507701	262.5	264.0	0.259	0.01	5	2.5	0.025	
			A00507702	264.0	265.5	0.263	0.01	5	2.5	0.025	
			A00507704	265.5	267.0	0.267	0.011	5	2.5	0.025	
			A00507705	267.0	268.5	0.251	0.011	5	2.5	0.025	
			A00507706	268.5	270.0	0.261	0.011	5	2.5	0.025	
			A00507707	270.0	271.5	0.26	0.011	5	2.5	0.025	
			A00507709	271.5	273.0	0.245	0.01	5	2.5	0.025	
			A00507710	273.0	274.5	0.252	0.01	5	2.5	0.025	
			A00507711	274.5	276.0	0.253	0.01	5	2.5	0.025	
			A00507712	276.0	277.5	0.266	0.01	5	2.5	0.025	
			A00507713	277.5	279.0	0.263	0.011	5	2.5	0.025	
			A00507714	279.0	280.5	0.25	0.01	5	2.5	0.025	
			A00507715	280.5	282.0	0.245	0.009	5	2.5	0.025	
			A00507716	282.0	283.5	0.245	0.01	5	2.5	0.025	
			A00507717	283.5	285.0	0.265	0.01	5	2.5	0.025	
			A00507719	285.0	286.5	0.263	0.011	5	2.5	0.025	
			A00507720	286.5	288.0	0.255	0.009	5	2.5	0.025	
			A00507721	288.0	289.5	0.227	0.011	5	2.5	0.025	
			A00507722	289.5	291.0	0.238	0.011	5	2.5	0.025	
			A00507724	291.0	292.5	0.234	0.011	5	2.5	0.025	
			A00507725	292.5	294.0	0.234	0.012	5	2.5	0.025	

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507726	294.0	295.5	0.24	0.011	5	2.5	0.025	
			A00507727	295.5	297.0	0.219	0.01	5	2.5	0.025	
			A00507729	297.0	298.5	0.233	0.011	5	2.5	0.025	
			A00507730	298.5	300.0	0.234	0.011	5	2.5	0.025	
			A00507731	300.0	301.5	0.228	0.011	5	2.5	0.025	
			A00507732	301.5	303.0	0.227	0.011	5	2.5	0.025	
			A00507733	303.0	304.5	0.244	0.011	5	2.5	0.025	
			A00507734	304.5	306.0	0.219	0.011	5	2.5	0.025	
			A00507735	306.0	307.5	0.224	0.011	5	2.5	0.025	
			A00507736	307.5	309.0	0.199	0.01	5	2.5	0.025	
309	**338**	**Per, Peridotite**	A00507737	309.0	310.5	0.205	0.011	5	2.5	0.025	
dark green, f-mg, adcumulate to locally poikilitic, moderately strongly serpentinized peridotite Ni min= tr-0.5% vf-f patchy disseminated pn+hz+aw			A00507739	310.5	312.0	0.205	0.01	5	2.5	0.025	
			A00507740	312.0	313.5	0.2	0.01	5	2.5	0.025	
			A00507741	313.5	315.0	0.211	0.009	5	2.5	0.025	
			A00507742	315.0	316.5	0.22	0.01	5	2.5	0.025	
			A00507744	316.5	318.0	0.242	0.016	5	2.5	0.025	
			A00507745	318.0	319.5	0.246	0.011	5	2.5	0.025	
			A00507746	319.5	321.0	0.217	0.009	5	2.5	0.025	
			A00507747	321.0	322.5	0.226	0.01	5	2.5	0.025	
			A00507749	322.5	324.0	0.226	0.009	5	5	0.025	
			A00507750	324.0	325.5	0.225	0.011	5	6	0.025	
			A00507751	325.5	327.0	0.241	0.01	5	2.5	0.025	
			A00507752	327.0	328.5	0.235	0.01	5	2.5	0.025	
			A00507753	328.5	330.0	0.229	0.01	5	2.5	0.025	
			A00507754	330.0	331.5	0.208	0.014	5	2.5	0.06	
			A00507755	331.5	333.0	0.236	0.014	5	2.5	0.09	
			A00507756	333.0	334.5	0.255	0.013	10	2.5	0.14	
			A00507757	334.5	336.0	0.255	0.013	5	2.5	0.17	
			A00507759	336.0	337.0	0.235	0.012	5	2.5	0.16	
			A00507760	337.0	338.0	0.235	0.012	5	2.5	0.15	
338	**438**	**IMV, Intermediate Metavolcanics**	A00507761	338.0	339.5	0.149	0.01	5	6	0.48	
dark grey to black, vfg, brecciated to bedded, intermediate metavolcanic tuffs/ breccias/clastics intercalated			A00507762	339.5	341.0	0.141	0.01	5	5	0.4	

Project: Macdiarmid **Hole Number:** MAC21-03

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		338-354m tr-5% patchy disseminated to ff po+/-py, below this nil-trace sulphides Ni min= nil contact zone from 338-345m is chaotically textured with irregular crosscutting stringers of cb ~1%	A00507764	341.0	342.5	0.193	0.011	5	2.5	2.2	
			A00507765	342.5	344.0	0.086	0.007	5	2.5	1.3	
			A00507766	344.0	345.5	0.029	0.003	5	2.5	2.41	
			A00507767	345.5	347.0	0.001	0.001	5	2.5	1.55	
			A00507769	347.0	348.5	0.002	0.001	5	2.5	0.91	
			A00507770	348.5	350.0	0.002	0.001	5	2.5	0.28	
			A00507771	350.0	351.5	0.005	0.002	5	2.5	1.25	
			A00507772	351.5	353.0	0.009	0.002	5	2.5	0.33	
			A00507773	353.0	354.5	0.007	0.002	5	2.5	0.47	

Appendix E – Certificates

ANALYSIS REPORT BBM21-09405

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	10-May-2021
Project	CRAWFORD	Date Analysed	14-May-2021 - 14-Jul-2021
Submission Number	*LK* Crawford / MAC21-C-A008 / 60	Date Completed	14-Jul-2021
Core		SGS Order Number	BBM21-09405
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
51	G_PRP	Combined Sample Preparation
60	G_WGH_KG	Weight of samples received
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00506881	3.43	<5	20	11	1.29	<0.003
A00506882	3.87	<5	20	12	1.46	<0.003
A00506883	2.96	<5	20	18	1.57	<0.003
A00506884	3.11	<5	20	20	1.44	<0.003
A00506885	0.08	8	<10	10	3.64	0.014
A00506886	3.24	<5	30	24	1.59	<0.003
A00506887	3.23	<5	20	15	1.43	<0.003
A00506888	2.12	<5	20	15	1.42	<0.003
A00506889	3.06	<5	20	13	1.39	<0.003
A00506890	<0.01	<5	20	12	1.41	<0.003
A00506891	3.49	<5	10	9	1.38	<0.003
A00506892	3.32	<5	20	11	1.51	<0.003
A00506893	3.37	<5	20	10	1.45	<0.003
A00506894	3.26	<5	20	9	1.36	<0.003
A00506895	0.13	<5	<10	<5	11.85	<0.003
A00506896	2.78	<5	20	12	1.47	<0.003
A00506897	2.98	<5	20	10	1.36	<0.003
A00506898	3.85	<5	10	7	1.20	<0.003
A00506899	3.34	<5	10	7	1.36	<0.003
A00506900	2.79	<5	10	8	1.38	<0.003
A00506901	3.52	<5	10	7	1.33	<0.003
A00506902	3.33	<5	10	8	1.34	<0.003
A00506903	3.48	<5	10	7	1.35	<0.003
A00506904	3.68	<5	10	8	1.34	<0.003
A00506905	<0.01	<5	10	8	1.32	<0.003
A00506906	3.34	<5	10	9	1.44	<0.003
A00506907	2.93	<5	20	10	1.34	<0.003
A00506908	3.25	<5	20	12	1.36	<0.003
A00506909	3.01	<5	20	9	1.48	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00506910	0.08	6	30	39	6.93	<0.003
A00506911	3.36	<5	20	8	1.37	<0.003
A00506912	2.96	<5	20	12	1.44	<0.003
A00506913	3.27	<5	20	9	1.40	<0.003
A00506914	3.70	<5	10	9	1.30	<0.003
A00506915	0.13	<5	<10	<5	11.89	<0.003
A00506916	3.34	<5	10	8	1.37	<0.003
A00506917	3.02	<5	<10	6	1.53	<0.003
A00506918	3.63	<5	<10	6	1.40	<0.003
A00506919	2.88	<5	<10	6	1.24	<0.003
A00506920	3.30	<5	<10	6	1.19	<0.003
A00506921	3.63	<5	<10	6	1.09	<0.003
A00506922	3.42	<5	<10	6	1.01	<0.003
A00506923	3.41	<5	<10	5	0.97	<0.003
A00506924	3.58	<5	<10	6	0.74	<0.003
A00506925	<0.01	<5	<10	7	0.77	<0.003
A00506926	3.71	<5	<10	6	0.95	<0.003
A00506927	2.29	<5	<10	5	1.03	<0.003
A00506928	3.44	<5	<10	<5	0.94	<0.003
A00506929	3.52	<5	<10	<5	0.90	<0.003
A00506930	0.08	11	<10	11	3.67	0.014
A00506931	3.35	<5	<10	<5	0.85	<0.003
A00506932	3.81	<5	<10	<5	0.78	<0.003
A00506933	3.46	<5	<10	<5	0.80	<0.003
A00506934	3.36	<5	<10	<5	0.76	<0.003
A00506935	0.12	<5	<10	<5	11.83	<0.003
A00506936	3.96	<5	<10	<5	0.78	<0.003
A00506937	3.34	<5	<10	<5	0.75	<0.003
A00506938	2.89	<5	<10	<5	0.81	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00506939	3.68	<5	<10	<5	0.82	<0.003
A00506940	2.74	<5	<10	<5	0.86	<0.003
*Dup A00506919	-	<5	<10	6	1.25	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.20	<0.003
*Std OREAS 623	-	-	-	-	4.96	0.009
*Rep A00506935	-	-	-	-	11.82	<0.003
*Std MP-2a	-	-	-	-	5.69	0.551
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.11	<0.003
*Rep A00506903	-	-	-	-	1.34	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	4.94	0.010
*Rep A00506916	-	-	-	-	1.34	<0.003
*Std MP-2a	-	-	-	-	5.61	0.544
*Std OREAS 680	-	163	420	227	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00506905	-	<5	10	8	-	-
*Std OREAS 681	-	53	530	245	-	-
*Rep A00506925	-	<5	<10	6	-	-
*Rep A00506937	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	60	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00506881	<0.001	<0.0005	0.9	<0.001	0.013	0.332
A00506882	<0.001	<0.0005	0.8	<0.001	0.013	0.513
A00506883	<0.001	<0.0005	1.1	<0.001	0.012	0.818
A00506884	<0.001	<0.0005	0.7	<0.001	0.014	0.571
A00506885	0.019	<0.0005	2.9	<0.001	0.008	0.117
A00506886	<0.001	<0.0005	1.1	<0.001	0.014	0.810
A00506887	<0.001	<0.0005	0.7	<0.001	0.014	0.450
A00506888	<0.001	<0.0005	0.7	<0.001	0.015	0.343
A00506889	<0.001	<0.0005	1.0	<0.001	0.013	0.481
A00506890	<0.001	<0.0005	1.0	<0.001	0.013	0.468
A00506891	<0.001	<0.0005	1.1	<0.001	0.013	0.302
A00506892	<0.001	<0.0005	1.2	<0.001	0.014	0.559
A00506893	<0.001	<0.0005	1.3	<0.001	0.013	0.847
A00506894	<0.001	<0.0005	0.7	<0.001	0.013	0.682
A00506895	0.002	<0.0005	0.2	<0.001	<0.001	0.001
A00506896	<0.001	<0.0005	0.9	<0.001	0.012	0.663
A00506897	<0.001	<0.0005	0.8	<0.001	0.013	0.651
A00506898	<0.001	<0.0005	0.5	<0.001	0.014	0.385
A00506899	<0.001	<0.0005	0.7	<0.001	0.013	0.953
A00506900	<0.001	<0.0005	0.7	<0.001	0.013	0.954
A00506901	<0.001	<0.0005	0.4	<0.001	0.015	0.680
A00506902	<0.001	<0.0005	0.5	<0.001	0.013	0.720
A00506903	<0.001	<0.0005	0.6	<0.001	0.013	0.619
A00506904	<0.001	<0.0005	0.5	<0.001	0.014	0.570
A00506905	<0.001	<0.0005	0.5	<0.001	0.014	0.564
A00506906	<0.001	<0.0005	0.6	<0.001	0.012	0.636
A00506907	<0.001	<0.0005	0.5	<0.001	0.013	0.727
A00506908	<0.001	<0.0005	0.7	<0.001	0.012	0.804
A00506909	<0.001	<0.0005	0.7	<0.001	0.011	0.818

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00506910	0.024	<0.0005	5.5	<0.001	0.015	0.028
A00506911	<0.001	<0.0005	0.8	<0.001	0.012	0.698
A00506912	<0.001	<0.0005	0.7	<0.001	0.013	0.825
A00506913	<0.001	<0.0005	0.7	<0.001	0.013	0.856
A00506914	<0.001	<0.0005	0.8	<0.001	0.011	0.669
A00506915	0.003	<0.0005	0.3	<0.001	<0.001	0.002
A00506916	<0.001	<0.0005	0.8	<0.001	0.012	0.754
A00506917	<0.001	<0.0005	1.0	<0.001	0.012	0.663
A00506918	<0.001	<0.0005	0.7	<0.001	0.012	0.525
A00506919	<0.001	<0.0005	0.8	<0.001	0.012	0.421
A00506920	<0.001	<0.0005	0.7	<0.001	0.011	0.452
A00506921	<0.001	<0.0005	0.6	<0.001	0.011	0.405
A00506922	<0.001	<0.0005	0.4	<0.001	0.012	0.473
A00506923	<0.001	<0.0005	0.5	<0.001	0.012	0.486
A00506924	<0.001	<0.0005	0.3	<0.001	0.011	0.362
A00506925	<0.001	<0.0005	0.2	<0.001	0.011	0.387
A00506926	<0.001	0.0007	0.2	<0.001	0.013	0.414
A00506927	<0.001	<0.0005	0.2	<0.001	0.013	0.534
A00506928	<0.001	<0.0005	0.3	<0.001	0.012	0.433
A00506929	<0.001	<0.0005	0.4	<0.001	0.011	0.467
A00506930	0.020	<0.0005	2.9	<0.001	0.008	0.116
A00506931	<0.001	<0.0005	0.4	<0.001	0.012	0.458
A00506932	<0.001	<0.0005	0.3	<0.001	0.012	0.461
A00506933	<0.001	<0.0005	0.3	<0.001	0.012	0.452
A00506934	<0.001	<0.0005	0.3	<0.001	0.012	0.510
A00506935	0.003	<0.0005	0.2	<0.001	<0.001	0.024
A00506936	<0.001	<0.0005	0.3	<0.001	0.012	0.479
A00506937	<0.001	<0.0005	0.3	<0.001	0.011	0.456
A00506938	<0.001	<0.0005	0.1	<0.001	0.011	0.563

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00506939	<0.001	<0.0005	0.2	<0.001	0.012	0.522
A00506940	<0.001	<0.0005	0.4	<0.001	0.012	0.528
*Dup A00506919	<0.001	<0.0005	0.8	<0.001	0.012	0.424
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Std OREAS 623	0.139	<0.0005	1.3	0.006	0.022	0.003
*Rep A00506935	0.003	<0.0005	0.3	<0.001	<0.001	0.025
*Std MP-2a	0.001	<0.0005	2.9	0.001	<0.001	0.014
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.006
*Rep A00506903	<0.001	<0.0005	0.5	<0.001	0.013	0.544
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.138	<0.0005	1.3	0.006	0.022	0.003
*Rep A00506916	<0.001	<0.0005	0.7	<0.001	0.012	0.795
*Std MP-2a	0.001	<0.0005	2.9	0.001	<0.001	0.015

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00506881	0.002	7.35	<0.1	<0.001	<0.001	21.34
A00506882	0.002	7.45	<0.1	<0.001	<0.001	21.10
A00506883	0.002	7.29	<0.1	<0.001	<0.001	20.73
A00506884	0.002	7.64	<0.1	<0.001	<0.001	21.56
A00506885	0.006	5.58	0.6	0.001	0.002	13.46
A00506886	0.002	7.62	<0.1	<0.001	<0.001	20.40
A00506887	0.003	8.15	<0.1	<0.001	<0.001	21.09

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
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Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00506888	0.004	8.07	<0.1	<0.001	<0.001	20.96
A00506889	0.002	7.28	<0.1	<0.001	<0.001	21.44
A00506890	0.002	7.70	<0.1	<0.001	<0.001	21.20
A00506891	0.002	7.63	<0.1	<0.001	<0.001	21.41
A00506892	0.002	7.66	<0.1	<0.001	<0.001	21.31
A00506893	0.002	7.72	<0.1	<0.001	<0.001	21.50
A00506894	0.003	7.63	<0.1	<0.001	<0.001	21.59
A00506895	<0.001	0.64	3.8	<0.001	0.002	0.10
A00506896	0.002	6.87	<0.1	<0.001	<0.001	21.75
A00506897	0.002	7.41	<0.1	<0.001	<0.001	22.15
A00506898	0.002	7.67	<0.1	<0.001	<0.001	22.30
A00506899	0.003	7.27	<0.1	<0.001	<0.001	21.67
A00506900	0.003	7.43	<0.1	<0.001	<0.001	21.87
A00506901	0.003	7.32	<0.1	<0.001	<0.001	22.20
A00506902	0.002	7.31	<0.1	<0.001	<0.001	21.83
A00506903	0.002	7.65	<0.1	<0.001	<0.001	21.78
A00506904	0.007	7.15	<0.1	<0.001	<0.001	22.15
A00506905	0.007	6.87	<0.1	<0.001	<0.001	22.00
A00506906	0.002	6.61	<0.1	<0.001	<0.001	22.27
A00506907	0.002	7.10	<0.1	<0.001	<0.001	21.57
A00506908	0.002	7.06	<0.1	<0.001	<0.001	21.81
A00506909	0.003	6.32	<0.1	<0.001	<0.001	21.81
A00506910	0.033	9.55	0.6	0.001	<0.001	3.85
A00506911	0.002	6.33	<0.1	<0.001	<0.001	21.49
A00506912	0.002	6.97	<0.1	<0.001	<0.001	21.80
A00506913	0.003	6.46	<0.1	<0.001	<0.001	21.96
A00506914	0.002	6.29	<0.1	<0.001	<0.001	22.39
A00506915	<0.001	0.70	3.8	<0.001	0.001	0.12
A00506916	0.003	6.15	<0.1	<0.001	<0.001	22.66

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00506917	0.002	6.31	<0.1	<0.001	<0.001	21.41
A00506918	0.002	6.75	<0.1	<0.001	<0.001	21.52
A00506919	0.002	6.35	<0.1	<0.001	<0.001	22.07
A00506920	0.002	6.46	<0.1	<0.001	<0.001	22.68
A00506921	0.002	6.60	<0.1	<0.001	<0.001	22.30
A00506922	0.002	6.62	<0.1	<0.001	<0.001	22.42
A00506923	0.003	6.57	<0.1	<0.001	<0.001	22.95
A00506924	0.002	6.71	<0.1	<0.001	<0.001	23.46
A00506925	0.002	6.71	<0.1	<0.001	<0.001	23.90
A00506926	0.003	6.62	<0.1	<0.001	<0.001	23.25
A00506927	0.003	5.75	<0.1	<0.001	<0.001	23.81
A00506928	0.002	6.29	<0.1	<0.001	<0.001	23.27
A00506929	0.002	5.92	<0.1	<0.001	<0.001	23.31
A00506930	0.006	5.53	0.6	0.001	0.003	13.28
A00506931	0.002	6.48	<0.1	<0.001	<0.001	23.39
A00506932	0.002	6.14	<0.1	<0.001	<0.001	23.38
A00506933	0.002	6.36	<0.1	<0.001	<0.001	23.63
A00506934	0.002	6.34	<0.1	<0.001	<0.001	24.10
A00506935	<0.001	0.98	3.8	<0.001	0.002	0.10
A00506936	0.002	5.86	<0.1	<0.001	<0.001	23.48
A00506937	0.002	6.15	<0.1	<0.001	<0.001	23.77
A00506938	0.003	5.03	<0.1	<0.001	<0.001	24.19
A00506939	0.002	5.63	<0.1	<0.001	<0.001	23.79
A00506940	0.002	5.38	<0.1	<0.001	<0.001	23.38
*Dup A00506919	0.002	6.45	<0.1	<0.001	<0.001	22.97
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.070	8.59	1.8	0.003	0.003	2.11
*Std OREAS 623	1.742	13.50	1.4	0.002	<0.001	1.23
*Rep A00506935	<0.001	1.15	3.8	<0.001	0.002	0.11

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Std MP-2a	0.047	5.06	1.2	0.015	0.008	0.11
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.046	8.53	1.7	0.003	0.002	2.12
*Rep A00506903	0.002	7.48	<0.1	<0.001	<0.001	21.78
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.735	13.47	1.4	0.002	<0.001	1.20
*Rep A00506916	0.003	5.99	<0.1	<0.001	<0.001	21.86
*Std MP-2a	0.046	4.97	1.2	0.016	0.008	0.11

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00506881	0.092	<0.001	0.093	<0.01	<0.002	<0.01
A00506882	0.094	<0.001	0.095	<0.01	<0.002	0.02
A00506883	0.092	<0.001	0.101	<0.01	<0.002	0.02
A00506884	0.092	<0.001	0.102	0.02	<0.002	0.01
A00506885	0.113	<0.001	0.203	0.03	<0.002	0.27
A00506886	0.100	<0.001	0.101	<0.01	<0.002	<0.01
A00506887	0.120	<0.001	0.109	0.01	<0.002	<0.01
A00506888	0.113	<0.001	0.098	<0.01	<0.002	<0.01
A00506889	0.113	<0.001	0.105	0.01	<0.002	<0.01
A00506890	0.114	<0.001	0.103	<0.01	<0.002	<0.01
A00506891	0.107	<0.001	0.104	0.01	<0.002	<0.01
A00506892	0.102	<0.001	0.103	<0.01	<0.002	<0.01
A00506893	0.101	<0.001	0.106	<0.01	<0.002	<0.01
A00506894	0.104	<0.001	0.108	<0.01	<0.002	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00506895	0.011	<0.001	<0.001	<0.01	<0.002	<0.01
A00506896	0.104	<0.001	0.108	<0.01	<0.002	<0.01
A00506897	0.099	<0.001	0.116	0.01	<0.002	<0.01
A00506898	0.094	<0.001	0.113	<0.01	<0.002	<0.01
A00506899	0.095	<0.001	0.113	<0.01	<0.002	<0.01
A00506900	0.097	<0.001	0.112	0.01	<0.002	<0.01
A00506901	0.098	<0.001	0.116	<0.01	<0.002	<0.01
A00506902	0.094	<0.001	0.115	<0.01	<0.002	<0.01
A00506903	0.110	<0.001	0.115	<0.01	<0.002	<0.01
A00506904	0.100	<0.001	0.126	<0.01	<0.002	<0.01
A00506905	0.100	<0.001	0.114	<0.01	<0.002	<0.01
A00506906	0.100	<0.001	0.119	<0.01	<0.002	<0.01
A00506907	0.097	<0.001	0.111	0.01	<0.002	<0.01
A00506908	0.095	<0.001	0.109	<0.01	<0.002	<0.01
A00506909	0.105	<0.001	0.112	<0.01	<0.002	<0.01
A00506910	0.106	<0.001	0.638	0.13	<0.002	1.70
A00506911	0.102	<0.001	0.113	<0.01	<0.002	<0.01
A00506912	0.100	<0.001	0.116	<0.01	<0.002	<0.01
A00506913	0.096	<0.001	0.133	<0.01	<0.002	<0.01
A00506914	0.100	<0.001	0.129	<0.01	<0.002	<0.01
A00506915	0.012	<0.001	0.001	<0.01	<0.002	<0.01
A00506916	0.104	<0.001	0.130	<0.01	<0.002	<0.01
A00506917	0.100	<0.001	0.125	0.01	<0.002	<0.01
A00506918	0.095	<0.001	0.131	<0.01	<0.002	<0.01
A00506919	0.096	<0.001	0.135	<0.01	<0.002	<0.01
A00506920	0.088	<0.001	0.139	<0.01	<0.002	<0.01
A00506921	0.088	<0.001	0.156	0.01	<0.002	0.02
A00506922	0.087	<0.001	0.173	<0.01	<0.002	<0.01
A00506923	0.093	<0.001	0.174	<0.01	<0.002	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00506924	0.099	<0.001	0.184	<0.01	<0.002	<0.01
A00506925	0.099	<0.001	0.192	<0.01	<0.002	<0.01
A00506926	0.099	<0.001	0.188	<0.01	<0.002	<0.01
A00506927	0.090	<0.001	0.189	0.02	<0.002	0.01
A00506928	0.096	<0.001	0.178	<0.01	<0.002	<0.01
A00506929	0.087	<0.001	0.185	0.01	<0.002	<0.01
A00506930	0.112	<0.001	0.198	0.04	<0.002	0.27
A00506931	0.094	<0.001	0.186	<0.01	<0.002	<0.01
A00506932	0.095	<0.001	0.209	0.02	<0.002	<0.01
A00506933	0.096	<0.001	0.200	0.02	<0.002	<0.01
A00506934	0.098	<0.001	0.216	<0.01	<0.002	<0.01
A00506935	0.015	<0.001	0.001	<0.01	<0.002	<0.01
A00506936	0.091	<0.001	0.203	<0.01	<0.002	<0.01
A00506937	0.096	<0.001	0.203	0.02	<0.002	0.01
A00506938	0.086	<0.001	0.217	0.01	<0.002	<0.01
A00506939	0.094	<0.001	0.232	<0.01	<0.002	<0.01
A00506940	0.098	<0.001	0.203	0.02	<0.002	<0.01
*Dup A00506919	0.095	<0.001	0.132	0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 927	0.114	<0.001	0.004	0.06	0.019	1.69
*Std OREAS 623	0.060	<0.001	0.002	0.05	0.233	8.77
*Rep A00506935	0.017	<0.001	0.003	<0.01	<0.002	<0.01
*Std MP-2a	0.102	0.144	0.002	0.01	0.257	0.63
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 927	0.115	<0.001	0.003	0.06	0.020	1.78
*Rep A00506903	0.109	<0.001	0.117	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 623	0.059	<0.001	0.002	0.06	0.225	8.92
*Rep A00506916	0.103	<0.001	0.133	<0.01	<0.002	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Std MP-2a	0.101	0.142	0.001	0.01	0.250	0.64

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00506881	<0.005	0.0012	18.4	<0.005	<0.001	0.05
A00506882	<0.005	0.0010	18.0	<0.005	<0.001	0.05
A00506883	<0.005	0.0011	18.1	<0.005	<0.001	0.06
A00506884	<0.005	0.0010	18.1	<0.005	<0.001	0.06
A00506885	<0.005	0.0012	23.0	<0.005	0.007	0.17
A00506886	<0.005	0.0010	17.8	<0.005	<0.001	0.06
A00506887	<0.005	0.0010	17.8	<0.005	<0.001	0.05
A00506888	<0.005	0.0010	18.0	<0.005	<0.001	0.05
A00506889	<0.005	0.0012	18.3	<0.005	<0.001	0.05
A00506890	<0.005	0.0012	18.3	<0.005	<0.001	0.06
A00506891	<0.005	0.0011	18.4	<0.005	<0.001	0.06
A00506892	<0.005	0.0011	18.3	<0.005	<0.001	0.06
A00506893	<0.005	0.0012	18.5	<0.005	<0.001	0.06
A00506894	<0.005	0.0010	17.9	<0.005	<0.001	0.05
A00506895	<0.005	<0.0005	28.1	<0.005	0.003	<0.01
A00506896	<0.005	0.0010	18.4	<0.005	<0.001	0.06
A00506897	<0.005	0.0011	18.2	<0.005	<0.001	0.05
A00506898	<0.005	0.0010	18.2	<0.005	<0.001	0.05
A00506899	<0.005	0.0010	17.6	<0.005	<0.001	0.05
A00506900	<0.005	0.0010	17.8	<0.005	<0.001	0.05
A00506901	<0.005	0.0010	18.2	<0.005	<0.001	0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00506902	<0.005	0.0010	17.8	<0.005	<0.001	0.05
A00506903	<0.005	0.0010	18.0	<0.005	<0.001	0.07
A00506904	<0.005	0.0011	18.1	<0.005	<0.001	0.05
A00506905	<0.005	0.0010	18.3	<0.005	<0.001	0.05
A00506906	<0.005	0.0010	18.4	<0.005	<0.001	0.05
A00506907	<0.005	0.0010	17.7	<0.005	<0.001	0.05
A00506908	<0.005	0.0010	18.1	<0.005	<0.001	0.05
A00506909	<0.005	0.0011	17.9	<0.005	<0.001	0.05
A00506910	<0.005	0.0019	23.7	<0.005	0.036	0.98
A00506911	<0.005	0.0010	17.8	<0.005	<0.001	0.06
A00506912	<0.005	0.0010	17.8	<0.005	<0.001	0.05
A00506913	<0.005	0.0010	18.0	<0.005	<0.001	0.05
A00506914	<0.005	0.0011	18.4	<0.005	<0.001	0.05
A00506915	<0.005	<0.0005	28.7	<0.005	0.003	<0.01
A00506916	<0.005	0.0011	18.5	<0.005	<0.001	0.05
A00506917	<0.005	0.0009	17.8	<0.005	<0.001	0.05
A00506918	<0.005	0.0009	17.7	<0.005	<0.001	0.05
A00506919	<0.005	0.0010	18.3	<0.005	<0.001	0.05
A00506920	<0.005	0.0010	18.3	<0.005	<0.001	0.04
A00506921	<0.005	0.0009	17.8	<0.005	<0.001	0.05
A00506922	<0.005	0.0008	17.4	<0.005	<0.001	0.04
A00506923	<0.005	0.0008	17.6	<0.005	<0.001	0.04
A00506924	<0.005	0.0007	17.4	<0.005	<0.001	0.04
A00506925	<0.005	0.0006	17.1	<0.005	<0.001	0.04
A00506926	<0.005	0.0006	17.9	<0.005	<0.001	0.06
A00506927	<0.005	0.0008	17.2	<0.005	<0.001	0.04
A00506928	<0.005	0.0007	16.9	<0.005	<0.001	0.04
A00506929	<0.005	0.0007	16.8	<0.005	<0.001	0.05
A00506930	<0.005	0.0011	22.2	<0.005	0.007	0.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00506931	<0.005	0.0007	16.5	<0.005	<0.001	0.04
A00506932	<0.005	0.0007	16.6	0.007	<0.001	0.04
A00506933	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00506934	<0.005	0.0007	16.7	<0.005	<0.001	0.04
A00506935	<0.005	<0.0005	27.2	<0.005	0.003	<0.01
A00506936	<0.005	0.0007	16.7	<0.005	<0.001	0.04
A00506937	<0.005	0.0007	16.8	<0.005	<0.001	0.04
A00506938	<0.005	0.0006	17.2	<0.005	<0.001	0.04
A00506939	<0.005	0.0007	16.7	<0.005	<0.001	0.04
A00506940	<0.005	0.0007	16.5	<0.005	<0.001	0.05
*Dup A00506919	<0.005	0.0010	18.7	<0.005	<0.001	0.05
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	28.6	<0.005	0.003	0.33
*Std OREAS 623	<0.005	0.0007	22.8	<0.005	0.008	0.16
*Rep A00506935	<0.005	<0.0005	27.1	<0.005	0.003	<0.01
*Std MP-2a	<0.005	<0.0005	>30.0	0.050	0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	29.6	<0.005	0.003	0.32
*Rep A00506903	<0.005	0.0010	17.7	<0.005	<0.001	0.07
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.01
*Std OREAS 623	<0.005	0.0007	23.8	<0.005	0.009	0.15
*Rep A00506916	<0.005	0.0011	18.1	<0.005	<0.001	0.05
*Std MP-2a	<0.005	<0.0005	>30.0	0.050	0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00506881	0.005	<0.005	<0.0005	0.004	-
A00506882	0.006	<0.005	<0.0005	0.005	-
A00506883	0.007	<0.005	<0.0005	0.006	-
A00506884	0.006	<0.005	<0.0005	0.005	-
A00506885	0.006	<0.005	0.0010	0.011	-
A00506886	0.008	<0.005	<0.0005	0.005	-
A00506887	0.006	<0.005	<0.0005	0.005	-
A00506888	0.005	<0.005	<0.0005	0.005	-
A00506889	0.006	<0.005	<0.0005	0.005	-
A00506890	0.006	<0.005	<0.0005	0.006	-
A00506891	0.005	<0.005	<0.0005	0.004	-
A00506892	0.006	<0.005	<0.0005	0.005	-
A00506893	0.007	<0.005	<0.0005	0.007	3
A00506894	0.005	<0.005	<0.0005	0.006	-
A00506895	<0.001	<0.005	<0.0005	0.002	-
A00506896	0.006	<0.005	<0.0005	0.006	-
A00506897	0.006	<0.005	<0.0005	0.006	-
A00506898	0.004	<0.005	<0.0005	0.004	-
A00506899	0.007	<0.005	<0.0005	0.006	-
A00506900	0.007	<0.005	<0.0005	0.006	-
A00506901	0.006	<0.005	<0.0005	0.005	-
A00506902	0.006	<0.005	<0.0005	0.006	-
A00506903	0.006	<0.005	<0.0005	0.006	-
A00506904	0.006	<0.005	<0.0005	0.006	-
A00506905	0.006	<0.005	<0.0005	0.006	-
A00506906	0.006	<0.005	<0.0005	0.006	-
A00506907	0.006	<0.005	<0.0005	0.006	-
A00506908	0.006	<0.005	<0.0005	0.006	-
A00506909	0.007	<0.005	<0.0005	0.006	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A008 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09405

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00506910	0.015	<0.005	0.0019	0.011	-
A00506911	0.005	<0.005	<0.0005	0.005	-
A00506912	0.006	<0.005	<0.0005	0.005	-
A00506913	0.006	<0.005	<0.0005	0.006	-
A00506914	0.005	<0.005	<0.0005	0.005	-
A00506915	<0.001	<0.005	<0.0005	0.002	-
A00506916	0.006	<0.005	<0.0005	0.006	-
A00506917	0.006	<0.005	<0.0005	0.006	-
A00506918	0.005	<0.005	<0.0005	0.005	-
A00506919	0.005	<0.005	<0.0005	0.005	-
A00506920	0.005	<0.005	<0.0005	0.005	-
A00506921	0.004	<0.005	<0.0005	0.005	-
A00506922	0.004	<0.005	<0.0005	0.005	-
A00506923	0.004	<0.005	<0.0005	0.005	-
A00506924	0.002	<0.005	<0.0005	0.005	-
A00506925	0.003	<0.005	<0.0005	0.005	-
A00506926	0.002	<0.005	<0.0005	0.006	-
A00506927	0.004	<0.005	<0.0005	0.005	-
A00506928	0.004	<0.005	<0.0005	0.005	-
A00506929	0.004	<0.005	<0.0005	0.005	-
A00506930	0.006	<0.005	0.0009	0.011	-
A00506931	0.004	<0.005	<0.0005	0.005	-
A00506932	0.005	<0.005	<0.0005	0.005	3
A00506933	0.004	<0.005	<0.0005	0.005	-
A00506934	0.004	<0.005	<0.0005	0.005	-
A00506935	<0.001	<0.005	<0.0005	0.002	-
A00506936	0.004	<0.005	<0.0005	0.005	-
A00506937	0.004	<0.005	<0.0005	0.005	-
A00506938	0.004	<0.005	<0.0005	0.005	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A008 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09405

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00506939	0.005	<0.005	<0.0005	0.005	-
A00506940	0.005	<0.005	<0.0005	0.005	-
*Dup A00506919	0.005	<0.005	<0.0005	0.005	-
*Blk BLANK	<0.001	<0.005	<0.0005	0.001	-
*Std OREAS 927	0.007	<0.005	0.0022	0.073	-
*Std OREAS 623	0.002	<0.005	0.0017	1.050	-
*Rep A00506935	<0.001	<0.005	<0.0005	0.002	-
*Std MP-2a	<0.001	0.323	0.0227	0.570	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 927	0.007	<0.005	0.0022	0.071	-
*Rep A00506903	0.006	<0.005	<0.0005	0.005	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 623	0.002	<0.005	0.0017	1.007	-
*Rep A00506916	0.006	<0.005	<0.0005	0.006	-
*Std MP-2a	<0.001	0.317	0.0221	0.559	-

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

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ANALYSIS REPORT BBM21-09407

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	10-May-2021
Project	CRAWFORD	Date Analysed	14-May-2021 - 12-Aug-2021
Submission Number	*LK* Crawford / MAC21-C-A009 / 60	Date Completed	12-Aug-2021
Core		SGS Order Number	BBM21-09407
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
51	G_PRP	Combined Sample Preparation
60	G_WGH_KG	Weight of samples received
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
1	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00506941	3.60	<5	<10	<5	0.77	<0.003
A00506942	3.30	<5	<10	<5	0.74	<0.003
A00506943	3.42	<5	<10	5	0.69	<0.003
A00506944	3.12	<5	<10	<5	0.69	<0.003
A00506945	0.10	15	<10	11	3.54	0.013
A00506946	3.78	<5	<10	<5	0.84	<0.003
A00506947	3.13	<5	<10	7	0.84	<0.003
A00506948	3.73	<5	<10	<5	0.65	<0.003
A00506949	3.07	<5	<10	6	0.67	<0.003
A00506950	3.07	<5	<10	5	0.66	<0.003
A00506951	3.39	<5	<10	6	0.87	<0.003
A00506952	3.50	<5	<10	<5	0.72	<0.003
A00506953	3.52	<5	<10	8	0.89	<0.003
A00506954	3.10	<5	<10	11	0.79	<0.003
A00506955	0.13	<5	<10	<5	11.56	<0.003
A00506956	3.26	<5	<10	8	1.72	<0.003
A00506957	3.14	<5	10	14	1.10	<0.003
A00506958	3.59	<5	<10	9	0.67	<0.003
A00506959	2.61	<5	<10	5	0.69	<0.003
A00506960	3.34	<5	<10	6	0.93	<0.003
A00506961	2.79	<5	<10	<5	0.97	<0.003
A00506962	2.86	<5	<10	6	0.80	<0.003
A00506963	3.43	14	<10	5	0.65	<0.003
A00506964	3.38	<5	<10	<5	0.58	<0.003
A00506965	3.38	<5	<10	<5	0.57	<0.003
A00506966	2.85	<5	<10	10	0.59	<0.003
A00506967	3.09	<5	<10	7	0.74	<0.003
A00506968	3.08	<5	<10	7	0.71	<0.003
A00506969	3.23	<5	<10	<5	0.69	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00506970	0.13	<5	<10	<5	11.82	<0.003
A00506971	2.89	<5	<10	<5	0.72	<0.003
A00506972	3.09	<5	<10	<5	0.71	<0.003
A00506973	2.77	<5	<10	7	0.67	<0.003
A00506974	2.89	<5	<10	<5	0.68	<0.003
A00506975	0.08	7	30	38	6.94	<0.003
A00506976	3.37	<5	<10	<5	0.72	<0.003
A00506977	2.73	<5	<10	<5	0.69	<0.003
A00506978	2.81	<5	70	572	0.83	<0.003
A00506979	2.80	<5	<10	<5	0.72	<0.003
A00506980	3.09	<5	<10	<5	0.76	<0.003
A00506981	2.76	<5	<10	<5	0.72	<0.003
A00506982	2.92	<5	<10	<5	0.62	<0.003
A00506983	3.00	<5	<10	<5	0.71	<0.003
A00506984	3.11	<5	<10	<5	0.72	<0.003
A00506985	0.12	<5	<10	<5	11.47	<0.003
A00506986	3.03	<5	<10	<5	0.68	<0.003
A00506987	2.96	<5	<10	<5	0.68	<0.003
A00506988	2.87	<5	<10	5	0.73	<0.003
A00506989	2.71	<5	<10	<5	0.77	<0.003
A00506990	0.08	8	<10	10	4.10	0.013
A00506991	2.57	<5	<10	<5	1.13	<0.003
A00506992	3.07	<5	<10	<5	1.26	<0.003
A00506993	3.11	<5	<10	<5	1.22	<0.003
A00506994	3.13	<5	<10	<5	1.05	<0.003
A00506995	3.13	<5	<10	<5	1.06	<0.003
A00506996	3.03	<5	<10	<5	0.78	<0.003
A00506997	3.16	<5	<10	<5	0.66	<0.003
A00506998	3.03	<5	<10	<5	0.57	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00506999	1.69	<5	<10	<5	0.57	<0.003
A00507000	2.61	<5	<10	<5	0.67	<0.003
*Dup A00506979	-	<5	<10	<5	0.72	<0.003
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	151	390	217	-	-
*Std OREAS 45f	-	19	40	58	-	-
*Std OREAS 681	-	51	520	242	-	-
*Rep A00506961	-	<5	<10	5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00506991	-	<5	<10	<5	-	-
*Std OREAS 680	-	154	400	213	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	48	480	226	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.14	0.009
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	6.06	0.553
*Std OREAS 927	-	-	-	-	6.44	0.004
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	4.89	0.009
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.64	0.591
*Std OREAS 927	-	-	-	-	6.04	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.86	0.497
*Std OREAS 927	-	-	-	-	6.21	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00506980	-	-	-	-	0.77	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
*Std OREAS 623	-	-	-	-	4.94	0.008
*Rep A00506986	-	-	-	-	0.66	<0.003

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00506941	<0.001	<0.0005	0.3	<0.001	0.012	0.486
A00506942	<0.001	<0.0005	0.4	<0.001	0.012	0.488
A00506943	<0.001	<0.0005	0.3	<0.001	0.012	0.479
A00506944	<0.001	<0.0005	0.2	<0.001	0.013	0.485
A00506945	0.019	<0.0005	2.9	<0.001	0.009	0.113
A00506946	<0.001	<0.0005	0.1	<0.001	0.013	0.377
A00506947	<0.001	<0.0005	0.2	<0.001	0.012	0.455
A00506948	<0.001	<0.0005	0.2	<0.001	0.012	0.502
A00506949	<0.001	<0.0005	0.2	<0.001	0.012	0.485
A00506950	<0.001	<0.0005	0.2	<0.001	0.012	0.459
A00506951	<0.001	<0.0005	0.2	<0.001	0.012	0.444
A00506952	<0.001	<0.0005	0.2	<0.001	0.012	0.463
A00506953	<0.001	<0.0005	0.4	<0.001	0.012	0.466
A00506954	<0.001	<0.0005	0.1	<0.001	0.013	0.514
A00506955	0.002	<0.0005	0.3	<0.001	<0.001	0.003
A00506956	<0.001	<0.0005	2.7	<0.001	0.010	0.441
A00506957	<0.001	<0.0005	0.3	<0.001	0.011	0.443
A00506958	<0.001	<0.0005	0.1	<0.001	0.011	0.412
A00506959	<0.001	<0.0005	<0.1	<0.001	0.012	0.435
A00506960	<0.001	<0.0005	0.3	<0.001	0.011	0.546

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00506961	<0.001	<0.0005	0.2	<0.001	0.013	0.515
A00506962	<0.001	<0.0005	0.1	<0.001	0.012	0.484
A00506963	<0.001	<0.0005	0.1	<0.001	0.012	0.473
A00506964	<0.001	<0.0005	0.2	<0.001	0.012	0.367
A00506965	<0.001	<0.0005	<0.1	<0.001	0.012	0.371
A00506966	<0.001	<0.0005	<0.1	<0.001	0.011	0.401
A00506967	<0.001	<0.0005	0.1	<0.001	0.012	0.475
A00506968	<0.001	<0.0005	0.1	<0.001	0.012	0.533
A00506969	<0.001	<0.0005	0.1	<0.001	0.012	0.481
A00506970	0.002	<0.0005	0.3	<0.001	<0.001	0.006
A00506971	<0.001	<0.0005	0.1	<0.001	0.013	0.540
A00506972	<0.001	<0.0005	<0.1	<0.001	0.013	0.489
A00506973	<0.001	<0.0005	<0.1	<0.001	0.012	0.504
A00506974	<0.001	<0.0005	<0.1	<0.001	0.011	0.461
A00506975	0.023	<0.0005	5.5	<0.001	0.019	0.025
A00506976	<0.001	<0.0005	0.1	<0.001	0.012	0.477
A00506977	<0.001	<0.0005	<0.1	<0.001	0.010	0.442
A00506978	<0.001	<0.0005	0.1	<0.001	0.013	0.643
A00506979	<0.001	<0.0005	<0.1	<0.001	0.012	0.510
A00506980	<0.001	<0.0005	<0.1	<0.001	0.011	0.513
A00506981	<0.001	<0.0005	0.1	<0.001	0.013	0.467
A00506982	<0.001	<0.0005	0.1	<0.001	0.011	0.477
A00506983	<0.001	<0.0005	<0.1	<0.001	0.012	0.549
A00506984	<0.001	<0.0005	<0.1	<0.001	0.011	0.487
A00506985	0.002	<0.0005	0.3	<0.001	<0.001	0.007
A00506986	<0.001	<0.0005	0.1	<0.001	0.012	0.391
A00506987	<0.001	<0.0005	<0.1	<0.001	0.012	0.502
A00506988	<0.001	<0.0005	<0.1	<0.001	0.012	0.484
A00506989	<0.001	<0.0005	0.2	<0.001	0.012	0.537

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00506990	0.021	<0.0005	3.2	<0.001	0.010	0.135
A00506991	<0.001	<0.0005	0.1	<0.001	0.013	0.513
A00506992	<0.001	<0.0005	0.2	<0.001	0.012	0.516
A00506993	<0.001	<0.0005	<0.1	<0.001	0.013	0.509
A00506994	<0.001	<0.0005	0.2	<0.001	0.011	0.492
A00506995	<0.001	<0.0005	<0.1	<0.001	0.011	0.513
A00506996	<0.001	<0.0005	0.2	<0.001	0.013	0.301
A00506997	<0.001	<0.0005	<0.1	<0.001	0.013	0.342
A00506998	<0.001	<0.0005	<0.1	<0.001	0.011	0.251
A00506999	<0.001	<0.0005	0.1	<0.001	0.014	0.241
A00507000	<0.001	<0.0005	<0.1	<0.001	0.017	0.304
*Dup A00506979	<0.001	<0.0005	<0.1	<0.001	0.011	0.491
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.135	<0.0005	1.4	0.005	0.022	0.004
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.1	<0.001	0.001	0.019
*Std OREAS 927	0.031	<0.0005	0.5	<0.001	0.002	0.009
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.134	<0.0005	1.4	0.004	0.022	0.003
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.0	<0.001	0.001	0.016
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.008
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.0	<0.001	0.001	0.015
*Std OREAS 927	0.029	<0.0005	0.4	<0.001	0.003	0.006
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	0.001
*Rep A00506980	<0.001	<0.0005	<0.1	<0.001	0.011	0.510
*Std OREAS 623	0.129	<0.0005	1.3	0.004	0.020	0.003
*Rep A00506986	<0.001	<0.0005	<0.1	<0.001	0.012	0.420

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00506941	<0.001	5.52	<0.1	<0.001	<0.001	22.48
A00506942	<0.001	6.09	<0.1	<0.001	<0.001	22.80
A00506943	<0.001	5.74	<0.1	<0.001	<0.001	22.52
A00506944	<0.001	5.36	<0.1	<0.001	<0.001	24.21
A00506945	0.005	5.13	0.6	0.001	0.004	13.07
A00506946	0.001	16.56	<0.1	<0.001	<0.001	19.07
A00506947	<0.001	6.11	<0.1	<0.001	<0.001	22.07
A00506948	<0.001	5.11	<0.1	<0.001	<0.001	23.17
A00506949	<0.001	5.38	<0.1	<0.001	<0.001	23.17
A00506950	<0.001	5.31	<0.1	<0.001	<0.001	22.65
A00506951	<0.001	6.68	<0.1	<0.001	<0.001	22.71
A00506952	<0.001	5.11	<0.1	<0.001	<0.001	23.83
A00506953	<0.001	4.89	<0.1	<0.001	<0.001	23.58
A00506954	<0.001	5.75	<0.1	<0.001	<0.001	22.13
A00506955	<0.001	0.88	3.9	<0.001	0.003	0.10
A00506956	<0.001	4.52	<0.1	<0.001	<0.001	20.10
A00506957	<0.001	7.56	<0.1	<0.001	<0.001	21.53
A00506958	<0.001	5.97	<0.1	<0.001	<0.001	22.98
A00506959	<0.001	6.18	<0.1	<0.001	<0.001	22.62
A00506960	<0.001	4.90	<0.1	<0.001	<0.001	23.06
A00506961	<0.001	5.08	<0.1	<0.001	<0.001	23.52
A00506962	<0.001	6.17	<0.1	<0.001	<0.001	22.08
A00506963	<0.001	4.75	<0.1	<0.001	<0.001	23.36
A00506964	<0.001	4.69	<0.1	<0.001	<0.001	23.22
A00506965	<0.001	4.66	<0.1	<0.001	<0.001	23.71
A00506966	<0.001	4.45	<0.1	<0.001	<0.001	23.68
A00506967	<0.001	5.14	<0.1	<0.001	<0.001	22.72
A00506968	<0.001	5.01	<0.1	<0.001	<0.001	24.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00506969	<0.001	5.02	<0.1	<0.001	<0.001	23.34
A00506970	<0.001	0.87	3.9	<0.001	0.002	0.25
A00506971	<0.001	5.11	<0.1	<0.001	<0.001	23.60
A00506972	<0.001	5.80	<0.1	<0.001	<0.001	23.39
A00506973	<0.001	4.34	<0.1	<0.001	<0.001	23.88
A00506974	0.001	5.46	<0.1	<0.001	<0.001	23.69
A00506975	0.034	8.96	0.6	0.001	<0.001	3.86
A00506976	<0.001	5.17	<0.1	<0.001	<0.001	24.14
A00506977	<0.001	5.95	<0.1	<0.001	<0.001	23.22
A00506978	0.008	8.56	<0.1	<0.001	<0.001	22.51
A00506979	<0.001	4.84	<0.1	<0.001	<0.001	23.52
A00506980	<0.001	4.84	<0.1	<0.001	<0.001	23.35
A00506981	0.001	5.13	<0.1	<0.001	<0.001	23.92
A00506982	<0.001	5.35	<0.1	<0.001	<0.001	23.32
A00506983	<0.001	5.86	<0.1	<0.001	<0.001	23.24
A00506984	<0.001	4.81	<0.1	<0.001	<0.001	23.46
A00506985	<0.001	0.89	4.0	<0.001	0.003	0.23
A00506986	<0.001	5.09	<0.1	<0.001	<0.001	23.81
A00506987	<0.001	4.79	<0.1	<0.001	<0.001	23.75
A00506988	<0.001	5.22	<0.1	<0.001	<0.001	23.23
A00506989	<0.001	4.88	0.1	<0.001	<0.001	23.35
A00506990	0.006	5.84	0.7	0.001	0.004	13.81
A00506991	<0.001	5.10	<0.1	<0.001	<0.001	23.07
A00506992	<0.001	5.58	<0.1	<0.001	<0.001	22.26
A00506993	<0.001	5.65	<0.1	<0.001	<0.001	22.89
A00506994	0.001	6.84	<0.1	<0.001	<0.001	21.46
A00506995	0.001	7.03	<0.1	<0.001	<0.001	22.26
A00506996	0.001	5.96	<0.1	<0.001	<0.001	23.58
A00506997	<0.001	5.26	<0.1	<0.001	<0.001	23.51

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00506998	<0.001	5.23	<0.1	<0.001	<0.001	23.22
A00506999	<0.001	4.89	<0.1	<0.001	<0.001	22.92
A00507000	<0.001	5.50	<0.1	<0.001	<0.001	23.14
*Dup A00506979	<0.001	4.86	<0.1	<0.001	<0.001	23.96
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.732	13.69	1.5	0.002	0.002	1.18
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std MP-2a	0.046	5.09	1.3	0.016	0.010	0.10
*Std OREAS 927	1.098	8.57	1.9	0.003	0.004	2.06
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.697	13.17	1.5	0.002	0.002	1.20
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Std MP-2a	0.048	4.77	1.3	0.016	0.009	0.11
*Std OREAS 927	1.046	8.26	1.9	0.003	0.004	2.15
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Std MP-2a	0.048	4.88	1.3	0.015	0.009	0.10
*Std OREAS 927	1.076	8.16	1.9	0.003	0.003	2.12
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00506980	<0.001	4.84	<0.1	<0.001	<0.001	23.90
*Std OREAS 623	1.736	12.91	1.5	0.002	0.001	1.20
*Rep A00506986	<0.001	5.07	<0.1	<0.001	<0.001	23.46

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00506941	0.096	<0.001	0.207	<0.01	<0.002	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00506942	0.096	<0.001	0.203	<0.01	<0.002	<0.01
A00506943	0.092	<0.001	0.201	0.01	<0.002	<0.01
A00506944	0.097	<0.001	0.207	0.01	<0.002	<0.01
A00506945	0.109	<0.001	0.207	0.03	<0.002	0.23
A00506946	0.083	<0.001	0.172	<0.01	<0.002	<0.01
A00506947	0.084	<0.001	0.216	<0.01	<0.002	<0.01
A00506948	0.089	<0.001	0.213	<0.01	<0.002	<0.01
A00506949	0.091	<0.001	0.210	<0.01	<0.002	<0.01
A00506950	0.089	<0.001	0.204	<0.01	<0.002	<0.01
A00506951	0.094	<0.001	0.200	<0.01	<0.002	<0.01
A00506952	0.091	<0.001	0.222	<0.01	<0.002	<0.01
A00506953	0.094	<0.001	0.213	<0.01	<0.002	<0.01
A00506954	0.079	<0.001	0.216	0.02	<0.002	<0.01
A00506955	0.014	<0.001	<0.001	<0.01	<0.002	<0.01
A00506956	0.086	<0.001	0.165	<0.01	<0.002	<0.01
A00506957	0.074	<0.001	0.192	0.02	<0.002	<0.01
A00506958	0.086	<0.001	0.215	0.01	<0.002	<0.01
A00506959	0.077	<0.001	0.231	0.02	<0.002	<0.01
A00506960	0.079	<0.001	0.222	<0.01	<0.002	<0.01
A00506961	0.082	<0.001	0.215	<0.01	<0.002	<0.01
A00506962	0.083	<0.001	0.214	<0.01	<0.002	<0.01
A00506963	0.085	<0.001	0.225	0.02	<0.002	<0.01
A00506964	0.085	<0.001	0.224	<0.01	<0.002	<0.01
A00506965	0.084	<0.001	0.233	<0.01	<0.002	<0.01
A00506966	0.083	<0.001	0.219	0.01	<0.002	<0.01
A00506967	0.083	<0.001	0.217	<0.01	<0.002	<0.01
A00506968	0.085	<0.001	0.222	<0.01	<0.002	<0.01
A00506969	0.083	<0.001	0.212	0.02	<0.002	<0.01
A00506970	0.014	<0.001	0.002	<0.01	<0.002	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00506971	0.083	<0.001	0.251	<0.01	<0.002	<0.01
A00506972	0.080	<0.001	0.228	0.01	<0.002	<0.01
A00506973	0.081	<0.001	0.254	<0.01	<0.002	<0.01
A00506974	0.084	<0.001	0.232	0.02	<0.002	<0.01
A00506975	0.106	<0.001	0.649	0.11	<0.002	1.67
A00506976	0.084	<0.001	0.221	<0.01	<0.002	<0.01
A00506977	0.082	<0.001	0.229	0.02	<0.002	<0.01
A00506978	0.077	<0.001	0.198	0.01	<0.002	<0.01
A00506979	0.085	<0.001	0.234	<0.01	<0.002	<0.01
A00506980	0.083	<0.001	0.243	<0.01	<0.002	<0.01
A00506981	0.083	<0.001	0.235	0.01	<0.002	<0.01
A00506982	0.082	<0.001	0.242	0.01	<0.002	<0.01
A00506983	0.079	<0.001	0.231	<0.01	<0.002	<0.01
A00506984	0.079	<0.001	0.229	<0.01	<0.002	<0.01
A00506985	0.015	<0.001	0.002	0.01	0.003	<0.01
A00506986	0.079	<0.001	0.242	0.01	<0.002	<0.01
A00506987	0.081	<0.001	0.243	0.01	<0.002	<0.01
A00506988	0.078	<0.001	0.259	0.01	<0.002	<0.01
A00506989	0.083	<0.001	0.247	0.01	<0.002	<0.01
A00506990	0.127	<0.001	0.232	0.04	0.002	0.26
A00506991	0.078	<0.001	0.231	<0.01	<0.002	<0.01
A00506992	0.070	<0.001	0.228	0.02	<0.002	<0.01
A00506993	0.078	<0.001	0.236	0.01	<0.002	<0.01
A00506994	0.062	<0.001	0.215	<0.01	<0.002	<0.01
A00506995	0.073	<0.001	0.220	<0.01	<0.002	<0.01
A00506996	0.067	<0.001	0.282	<0.01	<0.002	<0.01
A00506997	0.080	<0.001	0.267	<0.01	<0.002	<0.01
A00506998	0.081	<0.001	0.249	<0.01	<0.002	0.02
A00506999	0.076	<0.001	0.227	<0.01	<0.002	0.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507000	0.067	<0.001	0.248	0.02	<0.002	0.03
*Dup A00506979	0.087	<0.001	0.225	0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 623	0.061	<0.001	0.002	0.06	0.246	9.25
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std MP-2a	0.105	0.161	0.001	0.02	0.294	0.67
*Std OREAS 927	0.122	<0.001	0.004	0.06	0.024	1.80
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 623	0.061	<0.001	0.001	0.05	0.244	8.91
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std MP-2a	0.108	0.153	<0.001	0.01	0.270	0.64
*Std OREAS 927	0.127	<0.001	0.004	0.06	0.023	1.75
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std MP-2a	0.101	0.148	0.001	0.02	0.252	0.67
*Std OREAS 927	0.116	<0.001	0.003	0.05	0.024	1.78
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Rep A00506980	0.081	<0.001	0.241	0.01	<0.002	<0.01
*Std OREAS 623	0.057	<0.001	0.002	0.06	0.226	9.29
*Rep A00506986	0.076	<0.001	0.237	<0.01	<0.002	<0.01

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00506941	<0.005	0.0006	16.6	<0.005	<0.001	0.04
A00506942	<0.005	0.0007	16.0	<0.005	<0.001	0.04
A00506943	<0.005	0.0007	15.7	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00506944	<0.005	0.0007	17.0	<0.005	<0.001	0.03
A00506945	<0.005	0.0011	21.1	<0.005	0.007	0.16
A00506946	<0.005	0.0006	13.5	<0.005	<0.001	0.05
A00506947	<0.005	0.0006	16.1	<0.005	<0.001	0.04
A00506948	<0.005	0.0007	15.9	<0.005	<0.001	0.03
A00506949	<0.005	0.0007	15.7	<0.005	<0.001	0.03
A00506950	<0.005	0.0007	15.3	<0.005	<0.001	0.03
A00506951	<0.005	0.0007	15.7	<0.005	<0.001	0.04
A00506952	<0.005	0.0006	16.2	<0.005	<0.001	0.04
A00506953	<0.005	0.0007	16.6	<0.005	<0.001	0.05
A00506954	<0.005	0.0007	15.7	<0.005	<0.001	0.03
A00506955	<0.005	<0.0005	26.0	<0.005	0.003	<0.01
A00506956	<0.005	0.0009	16.7	<0.005	<0.001	0.07
A00506957	<0.005	0.0009	16.0	<0.005	<0.001	0.04
A00506958	<0.005	0.0006	15.6	<0.005	<0.001	0.02
A00506959	<0.005	0.0006	15.7	<0.005	<0.001	0.03
A00506960	<0.005	0.0008	16.2	<0.005	<0.001	0.04
A00506961	<0.005	0.0008	16.6	<0.005	<0.001	0.04
A00506962	<0.005	0.0007	15.8	<0.005	<0.001	0.04
A00506963	<0.005	0.0007	15.8	<0.005	<0.001	0.03
A00506964	<0.005	0.0006	15.8	<0.005	<0.001	0.03
A00506965	<0.005	0.0006	15.6	<0.005	<0.001	0.03
A00506966	<0.005	0.0005	15.7	<0.005	<0.001	0.03
A00506967	<0.005	0.0007	15.6	<0.005	<0.001	0.04
A00506968	<0.005	0.0007	16.4	<0.005	<0.001	0.03
A00506969	<0.005	0.0006	16.0	<0.005	<0.001	0.03
A00506970	<0.005	<0.0005	26.5	<0.005	0.003	<0.01
A00506971	<0.005	0.0007	16.0	<0.005	<0.001	0.03
A00506972	<0.005	0.0006	15.8	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
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Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00506973	<0.005	0.0006	16.0	<0.005	<0.001	0.03
A00506974	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00506975	<0.005	0.0018	22.0	<0.005	0.037	0.94
A00506976	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00506977	<0.005	0.0006	15.8	<0.005	<0.001	0.03
A00506978	<0.005	0.0007	15.7	<0.005	<0.001	0.04
A00506979	<0.005	0.0006	16.1	<0.005	<0.001	0.04
A00506980	<0.005	0.0007	16.1	<0.005	<0.001	0.05
A00506981	<0.005	0.0007	16.2	<0.005	<0.001	0.03
A00506982	<0.005	0.0006	15.7	<0.005	<0.001	0.03
A00506983	<0.005	0.0007	15.7	<0.005	<0.001	0.03
A00506984	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00506985	<0.005	<0.0005	25.8	<0.005	0.003	<0.01
A00506986	<0.005	0.0007	16.3	<0.005	<0.001	0.03
A00506987	<0.005	0.0006	16.0	<0.005	<0.001	0.04
A00506988	<0.005	0.0006	15.7	<0.005	<0.001	0.04
A00506989	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00506990	<0.005	0.0013	24.6	<0.005	0.008	0.18
A00506991	<0.005	0.0007	18.2	<0.005	<0.001	0.05
A00506992	<0.005	0.0008	18.2	<0.005	<0.001	0.06
A00506993	<0.005	0.0008	18.2	<0.005	<0.001	0.05
A00506994	<0.005	0.0007	16.8	<0.005	<0.001	0.05
A00506995	<0.005	0.0007	17.3	<0.005	<0.001	0.05
A00506996	<0.005	0.0006	18.3	<0.005	<0.001	0.04
A00506997	<0.005	0.0006	17.5	<0.005	<0.001	0.03
A00506998	<0.005	0.0006	17.3	<0.005	<0.001	0.03
A00506999	<0.005	0.0006	17.7	<0.005	<0.001	0.03
A00507000	<0.005	0.0007	18.0	<0.005	<0.001	0.03
*Dup A00506979	<0.005	0.0007	16.1	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0008	23.5	<0.005	0.009	0.15
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	0.0006	>30.0	0.055	0.001	0.03
*Std OREAS 927	<0.005	0.0010	29.8	<0.005	0.003	0.32
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0007	22.3	<0.005	0.008	0.15
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	0.0005	29.5	0.055	<0.001	0.03
*Std OREAS 927	<0.005	0.0010	28.1	<0.005	0.003	0.32
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	0.0006	>30.0	0.054	0.001	0.03
*Std OREAS 927	<0.005	0.0010	28.0	<0.005	0.003	0.32
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00506980	<0.005	0.0006	16.3	<0.005	<0.001	0.04
*Std OREAS 623	<0.005	0.0007	22.1	<0.005	0.009	0.15
*Rep A00506986	<0.005	0.0006	15.9	<0.005	<0.001	0.03

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00506941	0.004	<0.005	<0.0005	0.004	-
A00506942	0.004	<0.005	<0.0005	0.004	-
A00506943	0.004	<0.005	<0.0005	0.004	-
A00506944	0.004	<0.005	<0.0005	0.004	-
A00506945	0.007	<0.005	0.0009	0.011	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project CRAWFORD
Submission Number *LK* Crawford / MAC21-C-A009 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-09407

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00506946	0.005	<0.005	<0.0005	0.004	-
A00506947	0.004	<0.005	<0.0005	0.007	-
A00506948	0.004	<0.005	<0.0005	0.004	-
A00506949	0.004	<0.005	<0.0005	0.004	-
A00506950	0.004	<0.005	<0.0005	0.004	-
A00506951	0.004	<0.005	<0.0005	0.004	-
A00506952	0.004	<0.005	<0.0005	0.004	-
A00506953	0.004	<0.005	<0.0005	0.005	-
A00506954	0.004	<0.005	<0.0005	0.004	-
A00506955	<0.001	<0.005	<0.0005	0.001	-
A00506956	0.005	<0.005	<0.0005	0.003	-
A00506957	0.005	<0.005	<0.0005	0.004	-
A00506958	0.004	<0.005	<0.0005	0.003	-
A00506959	0.004	<0.005	<0.0005	0.003	-
A00506960	0.005	<0.005	<0.0005	0.004	-
A00506961	0.004	<0.005	<0.0005	0.004	-
A00506962	0.004	<0.005	<0.0005	0.003	-
A00506963	0.003	<0.005	<0.0005	0.004	-
A00506964	0.003	<0.005	<0.0005	0.003	-
A00506965	0.003	<0.005	<0.0005	0.004	-
A00506966	0.003	<0.005	<0.0005	0.003	-
A00506967	0.003	<0.005	<0.0005	0.004	-
A00506968	0.004	<0.005	<0.0005	0.004	-
A00506969	0.004	<0.005	<0.0005	0.004	2.62
A00506970	<0.001	<0.005	<0.0005	0.001	-
A00506971	0.004	<0.005	<0.0005	0.004	-
A00506972	0.003	<0.005	<0.0005	0.003	-
A00506973	0.003	<0.005	<0.0005	0.004	-
A00506974	0.003	<0.005	<0.0005	0.004	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00506975	0.015	<0.005	0.0019	0.010	-
A00506976	0.003	<0.005	<0.0005	0.006	-
A00506977	0.003	<0.005	<0.0005	0.004	-
A00506978	0.005	<0.005	<0.0005	0.005	-
A00506979	0.004	<0.005	<0.0005	0.004	-
A00506980	0.003	<0.005	<0.0005	0.004	-
A00506981	0.004	<0.005	<0.0005	0.004	-
A00506982	0.004	<0.005	<0.0005	0.003	-
A00506983	0.004	<0.005	<0.0005	0.004	-
A00506984	0.004	<0.005	<0.0005	0.004	-
A00506985	<0.001	<0.005	<0.0005	0.002	-
A00506986	0.003	<0.005	<0.0005	0.003	-
A00506987	0.004	<0.005	<0.0005	0.003	-
A00506988	0.004	<0.005	<0.0005	0.003	-
A00506989	0.004	<0.005	<0.0005	0.004	-
A00506990	0.007	<0.005	0.0010	0.012	-
A00506991	0.004	<0.005	<0.0005	0.004	-
A00506992	0.005	<0.005	<0.0005	0.003	-
A00506993	0.005	<0.005	<0.0005	0.004	-
A00506994	0.005	<0.005	<0.0005	0.003	-
A00506995	0.005	<0.005	<0.0005	0.003	-
A00506996	0.003	<0.005	<0.0005	0.002	-
A00506997	0.003	<0.005	<0.0005	0.004	-
A00506998	0.003	<0.005	<0.0005	0.003	-
A00506999	0.003	<0.005	<0.0005	0.003	-
A00507000	0.003	<0.005	<0.0005	0.003	-
*Dup A00506979	0.003	<0.005	<0.0005	0.004	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 623	0.004	<0.005	0.0017	1.024	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	CRAWFORD
Submission Number	*LK* Crawford / MAC21-C-A009 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-09407

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std MP-2a	<0.001	0.326	0.0219	0.583	-
*Std OREAS 927	0.008	<0.005	0.0022	0.072	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 623	0.003	<0.005	0.0016	0.994	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std MP-2a	<0.001	0.306	0.0211	0.561	-
*Std OREAS 927	0.008	<0.005	0.0021	0.076	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std MP-2a	<0.001	0.322	0.0221	0.596	-
*Std OREAS 927	0.008	<0.005	0.0021	0.072	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Rep A00506980	0.003	<0.005	<0.0005	0.004	-
*Std OREAS 623	0.003	<0.005	0.0016	1.020	-
*Rep A00506986	0.003	<0.005	<0.0005	0.003	-

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

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT BBM21-09792

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	25-May-2021
Project	MACDIARMID	Date Analysed	02-Jun-2021 - 19-Sep-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A010 / 455 Core (121-180)	Date Completed	23-Sep-2021
		SGS Order Number	BBM21-09792
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
53	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
60	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A010 / 455 Core (121-180)
Number of Samples	60

ANALYSIS REPORT BBM21-09792

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507001	3.49	<5	<10	<5	1.90	<0.003
A00507002	4.40	<5	<10	<5	7.51	<0.003
A00507003	4.40	<5	<10	<5	8.13	<0.003
A00507004	4.55	<5	<10	<5	7.68	<0.003
A00507005	0.08	10	<10	13	3.82	0.013
A00507006	4.17	<5	<10	<5	6.47	<0.003
A00507007	3.83	<5	<10	<5	7.96	<0.003
A00507008	3.95	<5	<10	<5	6.77	<0.003
A00507009	4.15	<5	<10	<5	6.37	<0.003
A00507010	-	<5	<10	<5	6.23	<0.003
A00507011	4.97	<5	<10	<5	7.00	<0.003
A00507012	1.20	<5	<10	<5	1.93	0.005
A00507013	2.91	<5	<10	<5	5.88	<0.003
A00507014	2.47	<5	<10	<5	1.27	<0.003
A00507015	-	<5	<10	<5	1.23	<0.003
A00507016	3.23	<5	<10	<5	0.74	<0.003
A00507017	3.07	<5	<10	<5	0.71	<0.003
A00507018	3.25	<5	<10	<5	0.73	<0.003
A00507019	3.07	<5	<10	<5	1.63	<0.003
A00507020	3.09	<5	<10	<5	0.85	<0.003
A00507021	3.74	<5	<10	<5	0.71	<0.003
A00507022	3.03	<5	<10	<5	0.50	<0.003
A00507023	3.04	<5	<10	<5	0.57	<0.003
A00507024	3.19	<5	<10	<5	0.56	<0.003
A00507025	-	<5	<10	<5	0.54	<0.003
A00507026	3.12	<5	<10	<5	0.52	<0.003
A00507027	3.12	<5	10	16	0.79	<0.003
A00507028	3.48	<5	<10	<5	0.91	<0.003
A00507029	3.47	<5	<10	<5	1.00	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507030	0.08	7	<10	11	3.81	0.014
A00507031	3.00	<5	<10	<5	1.15	<0.003
A00507032	3.42	<5	<10	<5	1.09	<0.003
A00507033	3.17	<5	<10	<5	0.82	<0.003
A00507034	3.14	<5	<10	<5	0.81	<0.003
A00507035	0.13	<5	<10	<5	12.33	<0.003
A00507036	3.25	<5	<10	<5	1.06	<0.003
A00507037	3.43	<5	<10	<5	1.13	<0.003
A00507038	2.92	<5	<10	<5	0.75	<0.003
A00507039	3.43	<5	<10	<5	0.58	<0.003
A00507040	3.15	<5	<10	<5	0.67	<0.003
A00507041	3.33	<5	<10	<5	0.65	<0.003
A00507042	3.50	<5	<10	<5	0.50	<0.003
A00507043	3.17	<5	<10	<5	0.62	<0.003
A00507044	3.92	<5	<10	<5	0.68	<0.003
A00507045	0.13	<5	<10	<5	12.17	<0.003
A00507046	3.24	<5	<10	<5	0.95	<0.003
A00507047	3.56	<5	<10	<5	0.57	<0.003
A00507048	3.18	<5	<10	<5	0.69	<0.003
A00507049	2.75	<5	<10	<5	0.66	<0.003
A00507050	-	<5	<10	<5	0.65	<0.003
A00507051	3.71	<5	<10	<5	0.67	<0.003
A00507052	3.38	<5	<10	10	0.71	<0.003
A00507053	3.26	<5	<10	<5	0.81	<0.003
A00507054	3.57	<5	<10	<5	0.93	<0.003
A00507055	0.08	7	30	39	7.08	<0.003
A00507056	3.30	<5	<10	<5	1.04	<0.003
A00507057	3.52	<5	<10	<5	0.89	<0.003
A00507058	3.32	6	<10	<5	0.97	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507059	3.27	6	<10	<5	0.90	<0.003
A00507060	1.53	29	20	41	1.21	0.007
*Dup A00507039	-	<5	<10	<5	0.52	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.72	0.548
*Rep A00507049	-	-	-	-	0.65	<0.003
*Std OREAS 623	-	-	-	-	5.00	0.008
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.25	<0.003
*Std MP-2a	-	-	-	-	5.90	0.541
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.04	0.009
*Std OREAS 927	-	-	-	-	6.32	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.10	0.010
*Rep A00507023	-	-	-	-	0.57	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507033	-	-	-	-	0.83	<0.003
*Std OREAS 927	-	-	-	-	6.42	<0.003
*Std MP-2a	-	-	-	-	6.08	0.526
*Std OREAS 681	-	50	500	236	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507019	-	<5	<10	<5	-	-
*Rep A00507029	-	<5	<10	<5	-	-
*Std OREAS 45f	-	18	40	55	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	149	380	209	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507001	<0.001	<0.0005	0.9	<0.001	0.014	0.208
A00507002	<0.001	<0.0005	16.8	<0.001	0.005	0.014
A00507003	<0.001	<0.0005	13.6	<0.001	0.005	0.015
A00507004	<0.001	<0.0005	16.5	<0.001	0.005	0.014
A00507005	0.020	<0.0005	3.0	<0.001	0.008	0.118
A00507006	<0.001	<0.0005	18.9	<0.001	0.004	0.013
A00507007	<0.001	<0.0005	17.4	<0.001	0.005	0.013
A00507008	<0.001	<0.0005	17.8	<0.001	0.005	0.015
A00507009	<0.001	<0.0005	17.7	<0.001	0.004	0.014
A00507010	<0.001	<0.0005	17.0	<0.001	0.005	0.014
A00507011	<0.001	<0.0005	16.0	<0.001	0.005	0.016
A00507012	<0.001	<0.0005	0.2	<0.001	0.008	0.283
A00507013	<0.001	<0.0005	13.2	<0.001	0.005	0.055
A00507014	<0.001	<0.0005	<0.1	<0.001	0.009	0.283
A00507015	<0.001	<0.0005	<0.1	<0.001	0.009	0.302
A00507016	<0.001	<0.0005	<0.1	<0.001	0.011	0.413
A00507017	<0.001	<0.0005	<0.1	<0.001	0.011	0.343
A00507018	<0.001	<0.0005	<0.1	<0.001	0.011	0.292
A00507019	<0.001	<0.0005	0.6	<0.001	0.008	0.306
A00507020	<0.001	<0.0005	<0.1	<0.001	0.009	0.229
A00507021	<0.001	<0.0005	<0.1	<0.001	0.010	0.174
A00507022	<0.001	<0.0005	<0.1	<0.001	0.011	0.140
A00507023	<0.001	<0.0005	<0.1	<0.001	0.011	0.255
A00507024	<0.001	<0.0005	<0.1	<0.001	0.009	0.211
A00507025	<0.001	<0.0005	<0.1	<0.001	0.010	0.203
A00507026	<0.001	<0.0005	<0.1	<0.001	0.011	0.216
A00507027	<0.001	<0.0005	<0.1	<0.001	0.012	0.419
A00507028	<0.001	<0.0005	<0.1	<0.001	0.010	0.550
A00507029	<0.001	<0.0005	<0.1	<0.001	0.011	0.512

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507030	0.020	<0.0005	2.9	<0.001	0.007	0.115
A00507031	<0.001	<0.0005	<0.1	<0.001	0.010	0.552
A00507032	<0.001	<0.0005	<0.1	<0.001	0.010	0.520
A00507033	<0.001	<0.0005	<0.1	<0.001	0.010	0.476
A00507034	<0.001	<0.0005	<0.1	<0.001	0.010	0.408
A00507035	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507036	<0.001	<0.0005	<0.1	<0.001	0.010	0.274
A00507037	<0.001	<0.0005	0.7	<0.001	0.011	0.422
A00507038	<0.001	<0.0005	<0.1	<0.001	0.011	0.479
A00507039	<0.001	<0.0005	<0.1	<0.001	0.012	0.303
A00507040	<0.001	<0.0005	<0.1	<0.001	0.010	0.447
A00507041	<0.001	<0.0005	<0.1	<0.001	0.010	0.445
A00507042	<0.001	<0.0005	<0.1	<0.001	0.011	0.214
A00507043	<0.001	<0.0005	<0.1	<0.001	0.011	0.214
A00507044	<0.001	<0.0005	<0.1	<0.001	0.010	0.311
A00507045	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507046	<0.001	<0.0005	<0.1	<0.001	0.011	0.195
A00507047	<0.001	<0.0005	0.1	<0.001	0.011	0.208
A00507048	<0.001	<0.0005	0.1	<0.001	0.011	0.228
A00507049	<0.001	<0.0005	0.1	<0.001	0.011	0.222
A00507050	<0.001	<0.0005	0.1	<0.001	0.011	0.217
A00507051	<0.001	<0.0005	0.1	<0.001	0.012	0.206
A00507052	<0.001	<0.0005	0.1	<0.001	0.012	0.201
A00507053	<0.001	<0.0005	0.2	<0.001	0.011	0.298
A00507054	<0.001	<0.0005	0.1	<0.001	0.010	0.524
A00507055	0.024	<0.0005	5.7	<0.001	0.014	0.025
A00507056	<0.001	<0.0005	0.2	<0.001	0.009	0.492
A00507057	<0.001	<0.0005	0.2	<0.001	0.009	0.530
A00507058	<0.001	<0.0005	0.1	<0.001	0.010	0.460

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507059	<0.001	<0.0005	0.2	<0.001	0.009	0.544
A00507060	0.001	<0.0005	0.4	<0.001	0.019	0.483
*Dup A00507039	<0.001	<0.0005	<0.1	<0.001	0.011	0.205
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.1	<0.001	<0.001	0.015
*Rep A00507049	<0.001	<0.0005	0.1	<0.001	0.011	0.218
*Std OREAS 623	0.139	<0.0005	1.4	0.004	0.022	0.004
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.032	<0.0005	0.4	<0.001	0.003	0.009
*Std MP-2a	0.001	<0.0005	3.2	<0.001	<0.001	0.015
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.134	<0.0005	1.4	0.004	0.021	0.004
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.130	<0.0005	1.3	0.004	0.023	0.002
*Rep A00507023	<0.001	<0.0005	<0.1	<0.001	0.011	0.226
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507033	<0.001	<0.0005	<0.1	<0.001	0.010	0.473
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.006
*Std MP-2a	0.001	<0.0005	3.0	<0.001	<0.001	0.014

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507001	0.008	5.32	<0.1	<0.001	<0.001	20.86
A00507002	0.007	7.13	<0.1	<0.001	0.001	4.66

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507003	0.002	7.60	<0.1	<0.001	0.001	4.39
A00507004	0.002	7.27	<0.1	<0.001	0.002	4.36
A00507005	0.009	5.49	0.6	0.001	0.003	12.95
A00507006	0.001	6.43	<0.1	<0.001	0.001	4.26
A00507007	0.002	6.74	<0.1	<0.001	0.002	4.11
A00507008	0.013	6.99	<0.1	<0.001	0.001	4.12
A00507009	0.142	7.43	<0.1	<0.001	<0.001	4.25
A00507010	0.148	7.39	<0.1	<0.001	<0.001	4.10
A00507011	0.016	7.25	<0.1	<0.001	<0.001	5.12
A00507012	0.013	3.83	<0.1	<0.001	<0.001	21.89
A00507013	0.021	6.23	<0.1	<0.001	<0.001	8.46
A00507014	0.009	5.83	<0.1	<0.001	<0.001	22.11
A00507015	0.008	5.68	<0.1	<0.001	<0.001	22.05
A00507016	0.008	5.80	<0.1	<0.001	<0.001	22.20
A00507017	0.007	5.44	<0.1	<0.001	<0.001	22.42
A00507018	0.008	5.65	<0.1	<0.001	<0.001	22.36
A00507019	0.008	5.88	<0.1	<0.001	<0.001	21.40
A00507020	0.008	5.18	<0.1	<0.001	<0.001	22.99
A00507021	0.009	5.93	<0.1	<0.001	<0.001	22.93
A00507022	0.008	5.52	<0.1	<0.001	<0.001	22.67
A00507023	0.009	5.87	<0.1	<0.001	<0.001	23.43
A00507024	0.008	4.58	<0.1	<0.001	<0.001	23.79
A00507025	0.008	4.76	<0.1	<0.001	<0.001	23.66
A00507026	0.009	5.04	<0.1	<0.001	<0.001	23.18
A00507027	0.018	5.28	<0.1	<0.001	<0.001	23.43
A00507028	0.008	4.77	<0.1	<0.001	<0.001	22.90
A00507029	0.008	5.60	<0.1	<0.001	<0.001	22.87
A00507030	0.010	5.37	0.6	0.001	0.003	12.77
A00507031	0.008	4.90	<0.1	<0.001	<0.001	22.17

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507032	0.008	6.06	<0.1	<0.001	<0.001	21.96
A00507033	0.008	5.85	<0.1	<0.001	<0.001	22.78
A00507034	0.008	5.41	<0.1	<0.001	<0.001	23.19
A00507035	<0.001	0.60	3.9	<0.001	0.003	0.23
A00507036	0.008	5.49	<0.1	<0.001	<0.001	22.67
A00507037	0.009	5.84	<0.1	<0.001	<0.001	21.83
A00507038	0.008	5.36	<0.1	<0.001	<0.001	22.67
A00507039	0.009	6.32	<0.1	<0.001	<0.001	24.29
A00507040	0.009	5.65	<0.1	<0.001	<0.001	21.30
A00507041	0.010	5.62	<0.1	<0.001	<0.001	20.91
A00507042	0.010	5.36	<0.1	<0.001	<0.001	22.82
A00507043	0.010	5.71	<0.1	<0.001	<0.001	22.38
A00507044	0.010	5.29	<0.1	<0.001	<0.001	22.40
A00507045	<0.001	0.57	3.8	<0.001	0.003	0.28
A00507046	0.010	5.01	<0.1	<0.001	<0.001	22.46
A00507047	0.012	4.76	<0.1	<0.001	<0.001	24.02
A00507048	0.012	4.45	<0.1	<0.001	<0.001	24.43
A00507049	0.012	4.00	<0.1	<0.001	<0.001	24.42
A00507050	0.012	3.95	<0.1	<0.001	<0.001	24.08
A00507051	0.013	4.34	<0.1	<0.001	<0.001	24.64
A00507052	0.017	4.99	<0.1	<0.001	<0.001	24.02
A00507053	0.012	5.00	<0.1	<0.001	<0.001	24.22
A00507054	0.013	5.34	<0.1	<0.001	<0.001	23.01
A00507055	0.034	9.42	0.6	0.001	<0.001	3.89
A00507056	0.016	5.78	<0.1	<0.001	<0.001	23.82
A00507057	0.014	5.30	<0.1	<0.001	<0.001	24.16
A00507058	0.020	6.05	<0.1	<0.001	<0.001	22.62
A00507059	0.018	5.15	<0.1	<0.001	<0.001	23.36
A00507060	0.073	8.84	0.2	0.003	<0.001	21.10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A010 / 455 Core (121-180)
Number of Samples	60

ANALYSIS REPORT BBM21-09792

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Dup A00507039	0.009	5.76	<0.1	<0.001	<0.001	24.29
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std MP-2a	0.047	4.88	1.3	0.015	0.009	0.12
*Rep A00507049	0.012	4.08	<0.1	<0.001	<0.001	24.71
*Std OREAS 623	1.662	13.06	1.5	0.002	0.002	1.22
*Blk BLANK	0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.040	8.47	1.9	0.003	0.004	2.19
*Std MP-2a	0.050	4.93	1.3	0.016	0.010	0.09
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.677	13.33	1.5	0.002	0.002	1.19
*Std OREAS 927	1.097	8.44	1.9	0.003	0.004	2.12
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.781	13.29	1.4	0.002	0.002	1.12
*Rep A00507023	0.009	5.90	<0.1	<0.001	<0.001	23.04
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.01
*Rep A00507033	0.008	5.86	<0.1	<0.001	<0.001	22.58
*Std OREAS 927	0.980	8.38	1.8	0.003	0.004	2.07
*Std MP-2a	0.043	5.00	1.2	0.017	0.009	0.09

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507001	0.068	<0.001	0.182	<0.01	<0.002	<0.05
A00507002	0.221	<0.001	0.015	0.03	<0.002	<0.05
A00507003	0.107	<0.001	0.017	0.02	<0.002	<0.05
A00507004	0.199	<0.001	0.016	0.03	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507005	0.111	<0.001	0.211	0.04	<0.002	0.25
A00507006	0.213	<0.001	0.015	0.02	<0.002	<0.05
A00507007	0.186	<0.001	0.016	0.04	<0.002	<0.05
A00507008	0.191	<0.001	0.015	0.02	<0.002	<0.05
A00507009	0.256	<0.001	0.014	0.02	<0.002	0.10
A00507010	0.236	<0.001	0.014	0.02	<0.002	0.11
A00507011	0.244	<0.001	0.018	0.02	<0.002	<0.05
A00507012	0.080	<0.001	0.183	0.03	<0.002	<0.05
A00507013	0.201	<0.001	0.025	0.03	<0.002	<0.05
A00507014	0.064	<0.001	0.229	<0.01	<0.002	<0.05
A00507015	0.064	<0.001	0.221	0.02	<0.002	<0.05
A00507016	0.070	<0.001	0.236	0.03	<0.002	<0.05
A00507017	0.076	<0.001	0.210	0.01	<0.002	<0.05
A00507018	0.063	<0.001	0.225	0.01	<0.002	<0.05
A00507019	0.065	<0.001	0.182	0.02	<0.002	<0.05
A00507020	0.059	<0.001	0.200	<0.01	<0.002	<0.05
A00507021	0.060	<0.001	0.249	<0.01	<0.002	<0.05
A00507022	0.077	<0.001	0.210	0.01	<0.002	<0.05
A00507023	0.090	<0.001	0.204	<0.01	<0.002	<0.05
A00507024	0.086	<0.001	0.210	0.02	<0.002	<0.05
A00507025	0.084	<0.001	0.229	0.01	<0.002	<0.05
A00507026	0.084	<0.001	0.247	<0.01	<0.002	<0.05
A00507027	0.085	<0.001	0.236	0.02	<0.002	<0.05
A00507028	0.077	<0.001	0.226	0.01	<0.002	<0.05
A00507029	0.083	<0.001	0.231	<0.01	<0.002	<0.05
A00507030	0.108	<0.001	0.196	0.03	<0.002	0.25
A00507031	0.076	<0.001	0.221	<0.01	<0.002	<0.05
A00507032	0.078	<0.001	0.223	<0.01	<0.002	<0.05
A00507033	0.085	<0.001	0.234	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507034	0.087	<0.001	0.233	0.03	<0.002	<0.05
A00507035	0.011	<0.001	0.002	<0.01	<0.002	<0.05
A00507036	0.084	<0.001	0.225	0.01	<0.002	<0.05
A00507037	0.091	<0.001	0.216	0.01	<0.002	<0.05
A00507038	0.088	<0.001	0.230	0.02	<0.002	<0.05
A00507039	0.094	<0.001	0.252	0.01	<0.002	<0.05
A00507040	0.084	<0.001	0.240	<0.01	<0.002	<0.05
A00507041	0.083	<0.001	0.254	0.01	<0.002	<0.05
A00507042	0.091	<0.001	0.258	0.02	<0.002	<0.05
A00507043	0.095	<0.001	0.256	<0.01	<0.002	<0.05
A00507044	0.087	<0.001	0.236	<0.01	<0.002	<0.05
A00507045	0.011	<0.001	0.002	<0.01	<0.002	<0.05
A00507046	0.073	<0.001	0.222	<0.01	<0.002	<0.05
A00507047	0.096	<0.001	0.250	0.01	<0.002	<0.05
A00507048	0.089	<0.001	0.240	<0.01	<0.002	<0.05
A00507049	0.091	<0.001	0.260	<0.01	<0.002	<0.05
A00507050	0.089	<0.001	0.252	<0.01	<0.002	<0.05
A00507051	0.095	<0.001	0.270	0.01	<0.002	<0.05
A00507052	0.096	<0.001	0.283	<0.01	<0.002	<0.05
A00507053	0.091	<0.001	0.251	<0.01	<0.002	<0.05
A00507054	0.085	<0.001	0.241	<0.01	<0.002	<0.05
A00507055	0.105	<0.001	0.704	0.13	<0.002	1.70
A00507056	0.083	<0.001	0.231	<0.01	<0.002	<0.05
A00507057	0.092	<0.001	0.223	<0.01	<0.002	<0.05
A00507058	0.088	<0.001	0.226	<0.01	<0.002	<0.05
A00507059	0.086	<0.001	0.250	0.01	<0.002	<0.05
A00507060	0.087	<0.001	1.005	0.07	<0.002	0.19
*Dup A00507039	0.094	<0.001	0.243	0.02	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Std MP-2a	0.101	0.151	0.001	0.02	0.269	0.66
*Rep A00507049	0.091	<0.001	0.245	<0.01	<0.002	<0.01
*Std OREAS 623	0.059	<0.001	0.002	0.06	0.233	9.04
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 927	0.114	<0.001	0.003	0.07	0.021	1.83
*Std MP-2a	0.106	0.149	<0.001	0.01	0.272	0.68
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 623	0.060	<0.001	0.002	0.04	0.245	9.15
*Std OREAS 927	0.124	<0.001	0.004	0.06	0.022	1.75
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.05
*Std OREAS 623	0.058	<0.001	0.002	0.05	0.225	8.80
*Rep A00507023	0.089	<0.001	0.194	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507033	0.086	<0.001	0.220	0.02	<0.002	<0.01
*Std OREAS 927	0.110	<0.001	0.003	0.06	0.021	1.78
*Std MP-2a	0.099	0.153	<0.001	0.02	0.274	0.66

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507001	<0.005	0.0011	17.8	<0.005	<0.001	0.11
A00507002	<0.005	0.0028	19.5	<0.005	0.003	0.40
A00507003	<0.005	0.0032	19.1	<0.005	0.010	0.45
A00507004	<0.005	0.0030	18.3	<0.005	0.001	0.43
A00507005	<0.005	0.0012	23.2	<0.005	0.007	0.17
A00507006	<0.005	0.0027	20.7	<0.005	<0.001	0.35

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507007	<0.005	0.0029	18.5	<0.005	<0.001	0.42
A00507008	<0.005	0.0028	19.2	<0.005	0.002	0.40
A00507009	<0.005	0.0026	19.0	<0.005	<0.001	0.39
A00507010	<0.005	0.0026	18.4	<0.005	<0.001	0.38
A00507011	<0.005	0.0029	18.9	<0.005	0.003	0.40
A00507012	<0.005	0.0013	18.2	<0.005	<0.001	0.05
A00507013	<0.005	0.0026	18.8	<0.005	<0.001	0.39
A00507014	<0.005	0.0007	17.9	<0.005	<0.001	0.05
A00507015	<0.005	0.0007	17.6	<0.005	<0.001	0.05
A00507016	<0.005	0.0006	17.2	<0.005	<0.001	0.03
A00507017	<0.005	0.0006	17.4	<0.005	<0.001	0.03
A00507018	<0.005	0.0006	17.0	<0.005	<0.001	0.03
A00507019	<0.005	0.0009	17.3	<0.005	<0.001	0.13
A00507020	<0.005	0.0007	17.7	<0.005	<0.001	0.04
A00507021	<0.005	0.0006	17.8	<0.005	<0.001	0.03
A00507022	<0.005	0.0006	16.7	<0.005	<0.001	0.02
A00507023	<0.005	0.0006	16.9	<0.005	<0.001	0.03
A00507024	<0.005	0.0006	17.3	<0.005	<0.001	0.03
A00507025	<0.005	0.0006	17.1	<0.005	<0.001	0.03
A00507026	<0.005	0.0006	16.7	<0.005	<0.001	0.03
A00507027	<0.005	0.0006	17.3	<0.005	<0.001	0.04
A00507028	<0.005	0.0006	17.3	<0.005	<0.001	0.04
A00507029	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00507030	<0.005	0.0012	22.7	<0.005	0.007	0.17
A00507031	0.005	0.0008	17.5	<0.005	<0.001	0.06
A00507032	<0.005	0.0008	17.4	<0.005	<0.001	0.05
A00507033	<0.005	0.0007	17.1	<0.005	<0.001	0.04
A00507034	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507035	<0.005	<0.0005	27.8	<0.005	0.003	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507036	<0.005	0.0007	17.4	<0.005	<0.001	0.05
A00507037	<0.005	0.0008	17.4	<0.005	<0.001	0.06
A00507038	<0.005	0.0006	17.0	<0.005	<0.001	0.04
A00507039	<0.005	0.0006	17.8	<0.005	<0.001	0.03
A00507040	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00507041	<0.005	0.0006	15.9	<0.005	<0.001	0.04
A00507042	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507043	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507044	<0.005	0.0006	16.4	<0.005	<0.001	0.04
A00507045	<0.005	<0.0005	26.7	<0.005	0.003	<0.01
A00507046	<0.005	0.0006	16.9	<0.005	<0.001	0.06
A00507047	<0.005	0.0006	16.9	<0.005	<0.001	0.03
A00507048	<0.005	0.0006	17.1	<0.005	<0.001	0.03
A00507049	<0.005	0.0006	17.2	<0.005	<0.001	0.04
A00507050	<0.005	0.0006	16.9	<0.005	<0.001	0.03
A00507051	<0.005	0.0006	17.1	<0.005	<0.001	0.04
A00507052	<0.005	0.0006	16.8	<0.005	<0.001	0.04
A00507053	<0.005	0.0007	17.5	<0.005	<0.001	0.05
A00507054	<0.005	0.0007	17.0	<0.005	<0.001	0.05
A00507055	<0.005	0.0019	23.2	<0.005	0.038	0.99
A00507056	0.005	0.0007	17.6	<0.005	<0.001	0.05
A00507057	0.006	0.0007	17.6	<0.005	<0.001	0.05
A00507058	<0.005	0.0007	16.9	<0.005	<0.001	0.06
A00507059	0.005	0.0007	17.4	<0.005	<0.001	0.05
A00507060	<0.005	0.0006	15.9	<0.005	<0.001	0.07
*Dup A00507039	<0.005	0.0006	17.6	<0.005	<0.001	0.02
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	0.0006	>30.0	0.054	0.001	0.03
*Rep A00507049	<0.005	0.0007	17.2	<0.005	<0.001	0.04

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
*Std OREAS 623	<0.005	0.0007	23.6	<0.005	0.009	0.15
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0011	29.9	<0.005	0.003	0.33
*Std MP-2a	<0.005	0.0006	>30.0	0.053	0.001	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0008	23.0	<0.005	0.009	0.15
*Std OREAS 927	<0.005	0.0011	29.1	<0.005	0.003	0.34
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0007	23.3	<0.005	0.008	0.14
*Rep A00507023	<0.005	0.0006	16.7	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.01
*Rep A00507033	<0.005	0.0007	17.1	<0.005	<0.001	0.04
*Std OREAS 927	<0.005	0.0011	29.1	<0.005	0.003	0.32
*Std MP-2a	<0.005	0.0006	>30.0	0.049	0.001	0.03

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507001	0.005	<0.005	<0.0005	0.003	-	0.072
A00507002	0.018	<0.005	0.0012	0.013	-	0.009
A00507003	0.021	<0.005	0.0014	0.006	-	<0.005
A00507004	0.021	<0.005	0.0013	0.004	-	<0.005
A00507005	0.006	<0.005	0.0009	0.011	-	0.273
A00507006	0.016	<0.005	0.0011	0.003	-	0.009
A00507007	0.018	<0.005	0.0013	0.003	-	0.009
A00507008	0.018	<0.005	0.0013	0.008	-	0.029

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
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Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507009	0.017	<0.005	0.0012	0.037	-	0.142
A00507010	0.016	<0.005	0.0012	0.036	-	0.145
A00507011	0.018	<0.005	0.0012	0.012	3.34	0.037
A00507012	0.006	<0.005	<0.0005	0.002	-	0.037
A00507013	0.016	<0.005	0.0012	0.007	-	0.015
A00507014	0.003	<0.005	<0.0005	0.003	-	0.031
A00507015	0.003	<0.005	<0.0005	0.004	-	0.032
A00507016	0.002	<0.005	<0.0005	0.006	-	0.030
A00507017	0.002	<0.005	<0.0005	0.006	-	0.024
A00507018	0.002	<0.005	<0.0005	0.004	-	0.022
A00507019	0.004	<0.005	0.0005	0.003	-	0.017
A00507020	0.001	<0.005	<0.0005	0.003	-	0.012
A00507021	0.001	<0.005	<0.0005	0.002	-	0.018
A00507022	0.001	<0.005	<0.0005	0.003	-	0.010
A00507023	0.002	<0.005	<0.0005	0.003	-	0.006
A00507024	0.002	<0.005	<0.0005	0.003	-	0.010
A00507025	0.002	<0.005	<0.0005	0.003	-	0.011
A00507026	0.002	<0.005	<0.0005	0.003	-	0.013
A00507027	0.003	<0.005	<0.0005	0.005	-	0.012
A00507028	0.003	<0.005	<0.0005	0.006	-	0.015
A00507029	0.003	<0.005	<0.0005	0.005	-	0.013
A00507030	0.005	<0.005	0.0010	0.011	-	0.282
A00507031	0.004	<0.005	<0.0005	0.007	-	0.019
A00507032	0.004	<0.005	<0.0005	0.006	-	0.016
A00507033	0.003	<0.005	<0.0005	0.006	-	0.017
A00507034	0.003	<0.005	<0.0005	0.005	-	0.017
A00507035	<0.001	<0.005	<0.0005	0.003	-	0.007
A00507036	0.003	<0.005	<0.0005	0.005	-	0.018
A00507037	0.004	<0.005	<0.0005	0.006	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)
Number of Samples 60

ANALYSIS REPORT BBM21-09792

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507038	0.003	<0.005	<0.0005	0.005	-	<0.005
A00507039	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507040	0.003	<0.005	<0.0005	0.005	-	0.007
A00507041	0.003	<0.005	<0.0005	0.005	-	0.007
A00507042	0.002	<0.005	<0.0005	0.004	-	0.007
A00507043	0.002	<0.005	<0.0005	0.004	-	0.011
A00507044	0.003	<0.005	<0.0005	0.005	-	0.008
A00507045	<0.001	<0.005	<0.0005	0.002	-	0.007
A00507046	0.003	<0.005	<0.0005	0.005	-	0.026
A00507047	0.002	<0.005	<0.0005	0.004	-	0.026
A00507048	0.002	<0.005	<0.0005	0.004	-	0.033
A00507049	0.002	<0.005	<0.0005	0.004	-	0.028
A00507050	0.002	<0.005	<0.0005	0.004	-	0.027
A00507051	0.001	<0.005	<0.0005	0.004	2.61	0.032
A00507052	0.001	<0.005	<0.0005	0.003	-	0.047
A00507053	0.002	<0.005	<0.0005	0.005	-	0.056
A00507054	0.003	<0.005	<0.0005	0.005	-	0.039
A00507055	0.015	<0.005	0.0019	0.011	-	1.808
A00507056	0.004	<0.005	<0.0005	0.006	-	0.055
A00507057	0.004	<0.005	<0.0005	0.006	-	0.024
A00507058	0.003	<0.005	<0.0005	0.005	-	0.053
A00507059	0.004	<0.005	<0.0005	0.006	-	0.038
A00507060	0.008	<0.005	0.0009	0.007	-	0.256
*Dup A00507039	0.001	<0.005	<0.0005	0.004	-	0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std MP-2a	<0.001	0.319	0.0224	0.585	-	-
*Rep A00507049	0.002	<0.005	<0.0005	0.004	-	-
*Std OREAS 623	<0.001	<0.005	0.0017	1.073	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A010 /
455 Core (121-180)	
Number of Samples	60

ANALYSIS REPORT BBM21-09792

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
*Std OREAS 927	0.006	<0.005	0.0023	0.076	-	-
*Std MP-2a	<0.001	0.315	0.0216	0.597	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 623	<0.001	<0.005	0.0017	1.014	-	-
*Std OREAS 927	0.006	<0.005	0.0023	0.073	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 623	0.002	<0.005	0.0016	0.972	-	-
*Rep A00507023	0.002	<0.005	<0.0005	0.003	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507033	0.003	<0.005	<0.0005	0.005	-	-
*Std OREAS 927	0.007	<0.005	0.0023	0.075	-	-
*Std MP-2a	<0.001	0.327	0.0227	0.600	-	-
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.529
*Rep A00507017	-	-	-	-	-	0.024
*Rep A00507022	-	-	-	-	-	0.011
*Std GS314-2	-	-	-	-	-	2.595
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	-	-	-	-	-	0.008
*Std GS314-2	-	-	-	-	-	2.555
*Std GS314-2	-	-	-	-	-	2.528
*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

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT BBM21-09793

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	25-May-2021
Project	MACDIARMID	Date Analysed	02-Jun-2021 - 24-Oct-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A011 / 455 Core (181-240)	Date Completed	25-Oct-2021
		SGS Order Number	BBM21-09793
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
54	G_PRP	Combined Sample Preparation
60	G_WGH_KG	Weight of samples received
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
1	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
60	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)	
Number of Samples	60

ANALYSIS REPORT BBM21-09793

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507061	3.82	8	<10	<5	0.85	<0.003
A00507062	2.50	12	<10	<5	0.75	<0.003
A00507063	3.19	21	<10	7	0.78	<0.003
A00507064	3.37	<5	<10	<5	0.87	<0.003
A00507065	0.08	5	30	32	7.03	<0.003
A00507066	3.23	6	<10	5	0.83	<0.003
A00507067	3.65	<5	<10	<5	0.85	<0.003
A00507068	3.35	<5	<10	<5	0.69	<0.003
A00507069	3.44	<5	<10	<5	0.79	<0.003
A00507070	3.44	<5	<10	<5	0.76	<0.003
A00507071	3.63	<5	<10	7	0.77	<0.003
A00507072	3.65	<5	<10	<5	0.76	<0.003
A00507073	3.39	<5	<10	<5	0.92	<0.003
A00507074	3.32	<5	<10	<5	0.82	<0.003
A00507075	0.13	<5	<10	<5	11.75	<0.003
A00507076	3.29	<5	<10	<5	0.89	<0.003
A00507077	3.48	<5	<10	<5	0.81	<0.003
A00507078	3.46	<5	<10	<5	0.73	<0.003
A00507079	3.96	<5	<10	<5	0.82	<0.003
A00507080	3.50	<5	<10	<5	0.81	<0.003
A00507081	4.14	<5	<10	<5	0.80	<0.003
A00507082	4.02	<5	<10	<5	0.70	<0.003
A00507083	4.44	<5	<10	<5	0.60	<0.003
A00507084	4.29	<5	<10	<5	0.82	<0.003
A00507085	4.29	<5	<10	<5	0.80	<0.003
A00507086	5.04	<5	<10	<5	1.35	<0.003
A00507087	2.49	<5	<10	<5	6.76	<0.003
A00507088	4.88	<5	<10	<5	1.15	<0.003
A00507089	2.91	<5	<10	<5	0.77	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507090	0.13	<5	<10	<5	11.87	<0.003
A00507091	3.59	<5	<10	<5	0.67	<0.003
A00507092	3.37	<5	<10	<5	0.84	<0.003
A00507093	3.06	<5	<10	<5	8.03	<0.003
A00507094	3.37	<5	<10	<5	1.38	<0.003
A00507095	0.08	<5	<10	9	3.85	0.015
A00507096	2.45	<5	<10	<5	0.71	<0.003
A00507097	2.58	<5	<10	<5	0.70	<0.003
A00507098	2.83	<5	<10	<5	0.65	<0.003
A00507099	3.15	<5	<10	<5	0.65	<0.003
A00507100	2.77	<5	<10	<5	0.73	<0.003
A00507101	3.61	<5	<10	<5	0.86	<0.003
A00507102	2.90	<5	<10	<5	0.86	<0.003
A00507103	2.86	<5	<10	<5	0.81	<0.003
A00507104	3.75	<5	<10	<5	0.77	<0.003
A00507105	0.13	<5	<10	<5	12.23	<0.003
A00507106	2.75	<5	<10	<5	1.03	<0.003
A00507107	3.63	<5	<10	<5	2.25	<0.003
A00507108	3.44	<5	<10	<5	0.72	<0.003
A00507109	3.61	<5	<10	<5	0.75	<0.003
A00507110	0.08	5	<10	8	3.79	0.015
A00507111	4.47	<5	<10	<5	0.98	<0.003
A00507112	3.56	<5	<10	<5	0.85	<0.003
A00507113	3.55	<5	<10	<5	0.87	<0.003
A00507114	3.29	<5	<10	<5	0.95	<0.003
A00507115	3.29	<5	<10	<5	0.93	<0.003
A00507116	4.36	<5	<10	<5	1.20	<0.003
A00507117	1.79	<5	<10	<5	4.71	<0.003
A00507118	4.67	<5	<10	<5	0.99	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507119	3.78	<5	<10	<5	0.98	<0.003
A00507120	3.67	<5	<10	<5	1.69	<0.003
*Std OREAS 680	-	155	400	212	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507087	-	<5	<10	<5	-	-
*Std OREAS 681	-	50	540	240	-	-
*Rep A00507116	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	15	40	51	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.16	0.008
*Std OREAS 927	-	-	-	-	6.43	<0.003
*Rep A00507118	-	-	-	-	1.00	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.89	0.550
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.72	0.548
*Std OREAS 623	-	-	-	-	5.00	0.008
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507081	-	-	-	-	0.82	<0.003
*Std OREAS 927	-	-	-	-	6.25	<0.003
*Std OREAS 681	-	50	500	236	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	18	40	55	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	149	380	209	-	-
*Rep A00507061	-	8	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507061	<0.001	<0.0005	0.3	<0.001	0.009	0.455
A00507062	<0.001	<0.0005	0.2	<0.001	0.009	0.352
A00507063	<0.001	<0.0005	0.1	<0.001	0.012	0.232
A00507064	<0.001	<0.0005	0.1	<0.001	0.009	0.317
A00507065	0.024	<0.0005	5.7	<0.001	0.014	0.026
A00507066	<0.001	<0.0005	0.1	<0.001	0.011	0.430
A00507067	<0.001	<0.0005	0.2	<0.001	0.010	0.389
A00507068	<0.001	<0.0005	0.1	<0.001	0.009	0.249
A00507069	<0.001	<0.0005	0.2	<0.001	0.009	0.328
A00507070	<0.001	<0.0005	0.2	<0.001	0.010	0.325
A00507071	<0.001	<0.0005	0.1	<0.001	0.010	0.217
A00507072	<0.001	<0.0005	0.1	<0.001	0.009	0.185
A00507073	<0.001	<0.0005	0.2	<0.001	0.011	0.255
A00507074	<0.001	<0.0005	0.2	<0.001	0.009	0.312
A00507075	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507076	<0.001	<0.0005	0.2	<0.001	0.009	0.259
A00507077	<0.001	<0.0005	0.1	<0.001	0.013	0.229
A00507078	<0.001	<0.0005	<0.1	<0.001	0.010	0.184
A00507079	<0.001	<0.0005	<0.1	<0.001	0.011	0.217
A00507080	<0.001	<0.0005	0.1	<0.001	0.013	0.177
A00507081	<0.001	<0.0005	<0.1	<0.001	0.010	0.191
A00507082	<0.001	<0.0005	<0.1	<0.001	0.011	0.261
A00507083	<0.001	<0.0005	<0.1	<0.001	0.010	0.267
A00507084	<0.001	<0.0005	<0.1	<0.001	0.009	0.291
A00507085	<0.001	<0.0005	<0.1	<0.001	0.008	0.300
A00507086	<0.001	<0.0005	0.3	<0.001	0.008	0.236
A00507087	<0.001	<0.0005	15.1	<0.001	0.006	0.017
A00507088	<0.001	<0.0005	0.1	<0.001	0.009	0.206
A00507089	<0.001	<0.0005	<0.1	<0.001	0.010	0.239

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507090	0.003	<0.0005	0.4	<0.001	<0.001	0.003
A00507091	<0.001	<0.0005	<0.1	<0.001	0.011	0.253
A00507092	<0.001	<0.0005	<0.1	<0.001	0.010	0.244
A00507093	<0.001	<0.0005	14.4	<0.001	0.006	0.017
A00507094	<0.001	<0.0005	0.7	<0.001	0.010	0.235
A00507095	0.020	<0.0005	3.0	<0.001	0.007	0.117
A00507096	<0.001	<0.0005	<0.1	<0.001	0.010	0.247
A00507097	<0.001	<0.0005	<0.1	<0.001	0.011	0.344
A00507098	<0.001	<0.0005	<0.1	<0.001	0.010	0.291
A00507099	<0.001	<0.0005	<0.1	<0.001	0.011	0.234
A00507100	<0.001	<0.0005	<0.1	<0.001	0.010	0.267
A00507101	<0.001	<0.0005	<0.1	<0.001	0.010	0.245
A00507102	<0.001	<0.0005	<0.1	<0.001	0.010	0.359
A00507103	<0.001	<0.0005	<0.1	<0.001	0.010	0.247
A00507104	<0.001	<0.0005	<0.1	<0.001	0.011	0.225
A00507105	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507106	<0.001	<0.0005	<0.1	<0.001	0.010	0.289
A00507107	<0.001	<0.0005	3.4	<0.001	0.008	0.205
A00507108	<0.001	<0.0005	<0.1	<0.001	0.011	0.215
A00507109	<0.001	<0.0005	<0.1	<0.001	0.009	0.212
A00507110	0.020	<0.0005	3.0	<0.001	0.007	0.120
A00507111	<0.001	<0.0005	<0.1	<0.001	0.010	0.195
A00507112	<0.001	<0.0005	<0.1	<0.001	0.011	0.193
A00507113	<0.001	<0.0005	<0.1	<0.001	0.010	0.218
A00507114	<0.001	<0.0005	<0.1	<0.001	0.009	0.205
A00507115	<0.001	<0.0005	<0.1	<0.001	0.009	0.193
A00507116	<0.001	<0.0005	<0.1	<0.001	0.010	0.252
A00507117	<0.001	<0.0005	9.9	<0.001	0.007	0.021
A00507118	<0.001	<0.0005	<0.1	<0.001	0.011	0.277

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507119	<0.001	<0.0005	0.1	<0.001	0.010	0.248
A00507120	<0.001	<0.0005	0.3	<0.001	0.010	0.246
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.131	<0.0005	1.3	0.005	0.022	0.003
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Rep A00507118	<0.001	<0.0005	<0.1	<0.001	0.011	0.273
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.0	0.001	<0.001	0.015
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.1	<0.001	<0.001	0.015
*Std OREAS 623	0.139	<0.0005	1.4	0.004	0.022	0.004
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507081	<0.001	<0.0005	<0.1	<0.001	0.009	0.189
*Std OREAS 927	0.032	<0.0005	0.4	<0.001	0.003	0.009

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507061	0.014	5.80	0.1	<0.001	<0.001	24.16
A00507062	0.016	4.99	<0.1	<0.001	<0.001	24.03
A00507063	0.018	7.60	<0.1	<0.001	<0.001	22.25
A00507064	0.014	4.93	<0.1	<0.001	<0.001	24.56
A00507065	0.033	9.39	0.7	0.001	<0.001	3.96
A00507066	0.017	5.43	<0.1	<0.001	<0.001	23.77
A00507067	0.014	4.82	<0.1	<0.001	<0.001	23.86
A00507068	0.014	5.22	<0.1	<0.001	<0.001	24.32

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507069	0.012	5.44	<0.1	<0.001	<0.001	24.43
A00507070	0.014	5.51	<0.1	<0.001	<0.001	24.23
A00507071	0.012	5.11	<0.1	<0.001	<0.001	24.07
A00507072	0.013	5.29	<0.1	<0.001	<0.001	24.37
A00507073	0.013	5.37	<0.1	<0.001	<0.001	23.60
A00507074	0.012	5.04	<0.1	<0.001	<0.001	23.96
A00507075	<0.001	0.64	3.9	<0.001	0.003	0.19
A00507076	0.012	5.66	<0.1	<0.001	<0.001	24.24
A00507077	0.015	5.75	<0.1	<0.001	<0.001	24.19
A00507078	0.014	5.41	<0.1	<0.001	<0.001	24.25
A00507079	0.015	5.56	<0.1	<0.001	<0.001	24.11
A00507080	0.013	5.18	<0.1	<0.001	<0.001	24.11
A00507081	0.014	5.24	<0.1	<0.001	<0.001	23.62
A00507082	0.014	5.85	<0.1	<0.001	<0.001	23.25
A00507083	0.015	5.89	<0.1	<0.001	<0.001	24.00
A00507084	0.014	4.94	<0.1	<0.001	<0.001	24.73
A00507085	0.013	4.78	<0.1	<0.001	<0.001	23.87
A00507086	0.013	4.88	<0.1	<0.001	<0.001	22.96
A00507087	0.004	7.07	<0.1	<0.001	<0.001	7.77
A00507088	0.016	5.32	<0.1	<0.001	<0.001	24.00
A00507089	0.016	4.66	<0.1	<0.001	<0.001	24.51
A00507090	<0.001	0.64	4.1	<0.001	0.003	0.25
A00507091	0.014	5.91	<0.1	<0.001	<0.001	23.90
A00507092	0.015	5.49	<0.1	<0.001	<0.001	23.92
A00507093	0.004	7.87	<0.1	<0.001	<0.001	6.45
A00507094	0.003	5.47	<0.1	<0.001	<0.001	22.17
A00507095	0.004	5.41	0.6	0.001	0.003	13.24
A00507096	<0.001	5.35	<0.1	<0.001	<0.001	23.13
A00507097	<0.001	4.97	<0.1	<0.001	<0.001	23.52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507098	<0.001	5.29	<0.1	<0.001	<0.001	23.40
A00507099	<0.001	6.44	<0.1	<0.001	<0.001	22.99
A00507100	<0.001	5.14	<0.1	<0.001	<0.001	22.99
A00507101	<0.001	4.59	<0.1	<0.001	<0.001	23.60
A00507102	<0.001	4.24	<0.1	<0.001	<0.001	23.63
A00507103	<0.001	4.60	<0.1	<0.001	<0.001	23.79
A00507104	<0.001	5.98	<0.1	<0.001	0.001	23.25
A00507105	<0.001	0.55	3.8	<0.001	0.003	0.13
A00507106	<0.001	4.96	<0.1	<0.001	<0.001	21.96
A00507107	<0.001	5.19	<0.1	<0.001	<0.001	19.38
A00507108	<0.001	5.64	<0.1	<0.001	<0.001	22.98
A00507109	<0.001	5.39	<0.1	<0.001	<0.001	23.25
A00507110	0.004	5.41	0.6	0.001	0.004	13.00
A00507111	<0.001	4.96	<0.1	<0.001	<0.001	22.83
A00507112	<0.001	5.03	<0.1	<0.001	<0.001	22.91
A00507113	<0.001	5.22	<0.1	<0.001	<0.001	22.38
A00507114	<0.001	5.17	<0.1	<0.001	<0.001	22.71
A00507115	<0.001	4.96	<0.1	<0.001	<0.001	22.51
A00507116	<0.001	5.76	<0.1	<0.001	<0.001	22.15
A00507117	<0.001	4.87	<0.1	<0.001	<0.001	12.95
A00507118	<0.001	5.60	<0.1	<0.001	<0.001	22.03
A00507119	<0.001	5.74	<0.1	<0.001	<0.001	22.18
A00507120	<0.001	5.56	<0.1	<0.001	<0.001	21.50
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Std OREAS 623	1.709	12.81	1.4	0.002	0.002	1.16
*Std OREAS 927	1.066	8.28	1.8	0.003	0.003	2.10
*Rep A00507118	<0.001	5.50	<0.1	<0.001	<0.001	22.06
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std MP-2a	0.047	4.91	1.2	0.015	0.009	0.10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)	
Number of Samples	60

ANALYSIS REPORT BBM21-09793

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std MP-2a	0.047	4.88	1.3	0.015	0.009	0.12
*Std OREAS 623	1.662	13.06	1.5	0.002	0.002	1.22
*Blk BLANK	0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507081	0.012	5.47	<0.1	<0.001	<0.001	24.46
*Std OREAS 927	1.040	8.47	1.9	0.003	0.004	2.19

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507061	0.093	<0.001	0.231	0.01	<0.002	<0.05
A00507062	0.087	<0.001	0.270	0.01	<0.002	<0.05
A00507063	0.075	<0.001	0.274	<0.01	<0.002	<0.05
A00507064	0.070	<0.001	0.235	<0.01	<0.002	<0.05
A00507065	0.105	<0.001	0.727	0.12	<0.002	1.73
A00507066	0.073	<0.001	0.260	0.02	<0.002	<0.05
A00507067	0.077	<0.001	0.237	<0.01	<0.002	<0.05
A00507068	0.082	<0.001	0.302	<0.01	<0.002	<0.05
A00507069	0.076	<0.001	0.261	<0.01	<0.002	<0.05
A00507070	0.078	<0.001	0.255	0.02	<0.002	<0.05
A00507071	0.085	<0.001	0.233	<0.01	<0.002	<0.05
A00507072	0.082	<0.001	0.270	0.02	<0.002	<0.05
A00507073	0.078	<0.001	0.238	<0.01	<0.002	<0.05
A00507074	0.079	<0.001	0.261	<0.01	<0.002	<0.05
A00507075	0.012	<0.001	0.001	<0.01	<0.002	<0.05
A00507076	0.086	<0.001	0.235	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507077	0.086	<0.001	0.233	<0.01	<0.002	<0.05
A00507078	0.079	<0.001	0.295	<0.01	<0.002	<0.05
A00507079	0.081	<0.001	0.286	<0.01	<0.002	<0.05
A00507080	0.079	<0.001	0.241	0.01	<0.002	<0.05
A00507081	0.074	<0.001	0.247	<0.01	<0.002	<0.05
A00507082	0.077	<0.001	0.262	<0.01	<0.002	<0.05
A00507083	0.075	<0.001	0.277	0.01	<0.002	<0.05
A00507084	0.070	<0.001	0.264	0.01	<0.002	<0.05
A00507085	0.067	<0.001	0.277	<0.01	<0.002	<0.05
A00507086	0.066	<0.001	0.261	<0.01	<0.002	<0.05
A00507087	0.127	<0.001	0.022	0.03	<0.002	<0.05
A00507088	0.069	<0.001	0.246	<0.01	<0.002	<0.05
A00507089	0.070	<0.001	0.265	<0.01	<0.002	<0.05
A00507090	0.011	<0.001	0.003	<0.01	<0.002	<0.05
A00507091	0.073	<0.001	0.276	<0.01	<0.002	<0.05
A00507092	0.066	<0.001	0.278	<0.01	<0.002	<0.05
A00507093	0.141	<0.001	0.021	0.02	<0.002	<0.05
A00507094	0.078	<0.001	0.226	0.02	<0.002	<0.05
A00507095	0.115	<0.001	0.208	0.02	<0.002	0.24
A00507096	0.070	<0.001	0.239	0.02	<0.002	<0.05
A00507097	0.077	<0.001	0.241	<0.01	<0.002	<0.05
A00507098	0.075	<0.001	0.245	<0.01	<0.002	<0.05
A00507099	0.080	<0.001	0.229	0.05	<0.002	<0.05
A00507100	0.075	<0.001	0.237	<0.01	<0.002	<0.05
A00507101	0.079	<0.001	0.228	<0.01	<0.002	<0.05
A00507102	0.079	<0.001	0.242	0.01	<0.002	<0.05
A00507103	0.078	<0.001	0.245	<0.01	<0.002	<0.05
A00507104	0.085	<0.001	0.244	<0.01	<0.002	<0.05
A00507105	0.010	<0.001	<0.001	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507106	0.070	<0.001	0.247	0.01	<0.002	<0.05
A00507107	0.087	<0.001	0.176	<0.01	<0.002	<0.05
A00507108	0.080	<0.001	0.229	<0.01	<0.002	<0.05
A00507109	0.073	<0.001	0.216	<0.01	<0.002	<0.05
A00507110	0.116	<0.001	0.207	0.03	<0.002	0.24
A00507111	0.072	<0.001	0.239	<0.01	<0.002	<0.05
A00507112	0.073	<0.001	0.236	0.01	<0.002	<0.05
A00507113	0.071	<0.001	0.245	<0.01	<0.002	<0.05
A00507114	0.065	<0.001	0.245	<0.01	<0.002	<0.05
A00507115	0.065	<0.001	0.242	<0.01	<0.002	<0.05
A00507116	0.067	<0.001	0.249	<0.01	<0.002	<0.05
A00507117	0.110	<0.001	0.032	0.03	<0.002	<0.05
A00507118	0.073	<0.001	0.237	<0.01	<0.002	<0.05
A00507119	0.075	<0.001	0.236	0.01	<0.002	<0.05
A00507120	0.090	<0.001	0.210	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 623	0.059	<0.001	0.002	0.05	0.246	9.28
*Std OREAS 927	0.116	<0.001	0.003	0.06	0.020	1.71
*Rep A00507118	0.074	<0.001	0.261	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std MP-2a	0.106	0.151	0.001	0.02	0.273	0.65
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std MP-2a	0.101	0.151	0.001	0.02	0.269	0.66
*Std OREAS 623	0.059	<0.001	0.002	0.06	0.233	9.04
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507081	0.075	<0.001	0.237	<0.01	<0.002	<0.01
*Std OREAS 927	0.114	<0.001	0.003	0.07	0.021	1.83

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507061	<0.005	0.0007	17.8	<0.005	<0.001	0.05
A00507062	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00507063	<0.005	0.0007	16.6	<0.005	<0.001	0.05
A00507064	<0.005	0.0007	17.7	<0.005	<0.001	0.04
A00507065	<0.005	0.0019	23.3	<0.005	0.038	0.98
A00507066	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507067	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507068	<0.005	0.0007	17.5	<0.005	<0.001	0.03
A00507069	<0.005	0.0007	17.9	<0.005	<0.001	0.04
A00507070	<0.005	0.0007	17.6	<0.005	<0.001	0.04
A00507071	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507072	<0.005	0.0007	17.6	<0.005	<0.001	0.05
A00507073	<0.005	0.0007	17.1	<0.005	<0.001	0.06
A00507074	<0.005	0.0008	17.5	<0.005	<0.001	0.04
A00507075	<0.005	<0.0005	27.7	<0.005	0.003	<0.01
A00507076	<0.005	0.0008	17.7	<0.005	<0.001	0.06
A00507077	<0.005	0.0007	17.3	<0.005	<0.001	0.05
A00507078	<0.005	0.0007	17.4	<0.005	<0.001	0.05
A00507079	<0.005	0.0007	17.6	<0.005	<0.001	0.04
A00507080	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00507081	<0.005	0.0007	17.1	<0.005	<0.001	0.04
A00507082	<0.005	0.0007	17.0	<0.005	<0.001	0.04
A00507083	<0.005	0.0006	17.4	<0.005	<0.001	0.05
A00507084	<0.005	0.0006	18.1	<0.005	<0.001	0.04
A00507085	<0.005	0.0006	17.8	<0.005	<0.001	0.04
A00507086	<0.005	0.0008	17.6	<0.005	<0.001	0.06
A00507087	<0.005	0.0035	16.9	<0.005	<0.001	0.47
A00507088	<0.005	0.0008	17.9	<0.005	<0.001	0.04
A00507089	<0.005	0.0007	17.7	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507090	<0.005	<0.0005	27.9	<0.005	0.004	<0.01
A00507091	<0.005	0.0006	17.5	<0.005	<0.001	0.03
A00507092	<0.005	0.0006	17.8	<0.005	<0.001	0.04
A00507093	<0.005	0.0035	17.0	<0.005	<0.001	0.47
A00507094	<0.005	0.0008	17.4	<0.005	<0.001	0.07
A00507095	<0.005	0.0011	22.4	<0.005	0.007	0.17
A00507096	<0.005	0.0005	16.9	<0.005	<0.001	0.04
A00507097	<0.005	0.0005	17.1	<0.005	<0.001	0.03
A00507098	<0.005	<0.0005	16.7	<0.005	<0.001	0.03
A00507099	<0.005	<0.0005	16.1	<0.005	<0.001	0.04
A00507100	<0.005	<0.0005	16.7	<0.005	<0.001	0.05
A00507101	<0.005	0.0006	16.9	<0.005	<0.001	0.04
A00507102	<0.005	0.0006	17.1	<0.005	<0.001	0.04
A00507103	<0.005	0.0005	17.1	<0.005	<0.001	0.04
A00507104	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507105	<0.005	<0.0005	27.0	<0.005	0.003	<0.01
A00507106	<0.005	0.0006	16.8	<0.005	<0.001	0.04
A00507107	<0.005	0.0013	17.5	<0.005	<0.001	0.15
A00507108	<0.005	<0.0005	16.5	<0.005	<0.001	0.04
A00507109	<0.005	<0.0005	16.8	<0.005	<0.001	0.03
A00507110	<0.005	0.0010	22.4	<0.005	0.007	0.17
A00507111	<0.005	<0.0005	16.9	<0.005	<0.001	0.08
A00507112	<0.005	0.0006	17.2	<0.005	<0.001	0.04
A00507113	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00507114	<0.005	0.0005	17.5	<0.005	<0.001	0.05
A00507115	<0.005	0.0006	17.2	<0.005	<0.001	0.05
A00507116	<0.005	0.0005	16.8	<0.005	<0.001	0.05
A00507117	<0.005	0.0030	17.6	<0.005	<0.001	0.42
A00507118	<0.005	0.0006	16.9	<0.005	<0.001	0.04

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507119	<0.005	<0.0005	17.0	<0.005	<0.001	0.04
A00507120	<0.005	0.0007	16.8	<0.005	<0.001	0.09
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0007	22.8	<0.005	0.008	0.14
*Std OREAS 927	<0.005	0.0009	28.4	<0.005	0.003	0.32
*Rep A00507118	<0.005	0.0005	16.9	<0.005	<0.001	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	<0.0005	>30.0	0.054	0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	0.0006	>30.0	0.054	0.001	0.03
*Std OREAS 623	<0.005	0.0007	23.6	<0.005	0.009	0.15
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507081	<0.005	0.0007	17.9	<0.005	<0.001	0.04
*Std OREAS 927	<0.005	0.0011	29.9	<0.005	0.003	0.33

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507061	0.003	<0.005	<0.0005	0.005	-	0.008
A00507062	0.003	<0.005	<0.0005	0.005	-	0.015
A00507063	0.002	<0.005	<0.0005	0.003	-	0.015
A00507064	0.003	<0.005	<0.0005	0.004	-	0.017
A00507065	0.015	<0.005	0.0019	0.011	-	1.732
A00507066	0.003	<0.005	<0.0005	0.006	-	0.057
A00507067	0.002	<0.005	<0.0005	0.006	-	0.068
A00507068	0.002	<0.005	<0.0005	0.004	-	0.047

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507069	0.002	<0.005	<0.0005	0.005	-	0.049
A00507070	0.002	<0.005	<0.0005	0.005	-	0.050
A00507071	0.002	<0.005	<0.0005	0.003	-	0.065
A00507072	0.002	<0.005	<0.0005	0.003	-	0.056
A00507073	0.002	<0.005	<0.0005	0.003	-	0.106
A00507074	0.003	<0.005	<0.0005	0.005	-	0.054
A00507075	<0.001	<0.005	<0.0005	0.001	-	0.006
A00507076	0.003	<0.005	<0.0005	0.003	-	0.091
A00507077	0.003	<0.005	<0.0005	0.003	-	0.045
A00507078	0.002	<0.005	<0.0005	0.003	-	0.056
A00507079	0.002	<0.005	<0.0005	0.003	-	0.076
A00507080	0.003	<0.005	<0.0005	0.003	-	0.057
A00507081	0.002	<0.005	<0.0005	0.003	-	0.064
A00507082	0.002	<0.005	<0.0005	0.004	-	0.064
A00507083	<0.001	<0.005	<0.0005	0.003	-	0.069
A00507084	0.002	<0.005	<0.0005	0.003	-	0.077
A00507085	0.002	<0.005	<0.0005	0.003	-	0.080
A00507086	0.003	<0.005	<0.0005	0.002	-	0.090
A00507087	0.021	<0.005	0.0015	0.006	-	0.028
A00507088	0.003	<0.005	<0.0005	0.002	-	0.087
A00507089	<0.001	<0.005	<0.0005	0.003	-	0.086
A00507090	<0.001	<0.005	<0.0005	0.002	-	0.008
A00507091	<0.001	<0.005	<0.0005	0.003	2.63	0.089
A00507092	<0.001	<0.005	<0.0005	0.002	-	0.107
A00507093	0.021	<0.005	0.0014	0.007	-	0.039
A00507094	0.005	<0.005	<0.0005	0.004	-	0.084
A00507095	0.006	<0.005	0.0009	0.011	-	0.330
A00507096	0.003	<0.005	<0.0005	0.004	-	0.091
A00507097	0.003	<0.005	<0.0005	0.006	-	0.095

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507098	0.003	<0.005	<0.0005	0.006	-	0.129
A00507099	0.003	<0.005	<0.0005	0.004	-	0.079
A00507100	0.003	<0.005	<0.0005	0.005	-	0.086
A00507101	0.003	<0.005	<0.0005	0.005	-	0.082
A00507102	0.003	<0.005	<0.0005	0.009	-	0.094
A00507103	0.003	<0.005	<0.0005	0.005	-	0.080
A00507104	0.003	<0.005	<0.0005	0.004	-	0.087
A00507105	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507106	0.003	<0.005	<0.0005	0.005	-	0.094
A00507107	0.008	<0.005	0.0005	0.005	-	0.063
A00507108	0.003	<0.005	<0.0005	0.004	-	0.131
A00507109	0.003	<0.005	<0.0005	0.004	-	0.077
A00507110	0.006	<0.005	0.0009	0.011	-	0.316
A00507111	0.003	<0.005	<0.0005	0.004	-	0.149
A00507112	0.003	<0.005	<0.0005	0.005	-	0.075
A00507113	0.003	<0.005	<0.0005	0.004	-	0.077
A00507114	0.004	<0.005	<0.0005	0.004	-	0.084
A00507115	0.004	<0.005	<0.0005	0.003	-	0.088
A00507116	0.004	<0.005	<0.0005	0.004	-	0.105
A00507117	0.018	<0.005	0.0015	0.006	-	0.047
A00507118	0.003	<0.005	<0.0005	0.004	-	0.113
A00507119	0.004	<0.005	<0.0005	0.004	-	0.108
A00507120	0.006	<0.005	<0.0005	0.005	-	0.092
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 623	0.003	<0.005	0.0016	0.965	-	-
*Std OREAS 927	0.007	<0.005	0.0021	0.073	-	-
*Rep A00507118	0.003	<0.005	<0.0005	0.005	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std MP-2a	<0.001	0.326	0.0213	0.559	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A011 /
455 Core (181-240)
Number of Samples 60

ANALYSIS REPORT BBM21-09793

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
*Blk BLANK	-	-	-	-	-	0.008
*Std GS314-2	-	-	-	-	-	2.555
*Std GS314-2	-	-	-	-	-	2.528
*Rep A00507094	-	-	-	-	-	0.078
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std MP-2a	<0.001	0.319	0.0224	0.585	-	-
*Std OREAS 623	<0.001	<0.005	0.0017	1.073	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507081	0.002	<0.005	<0.0005	0.002	-	-
*Std OREAS 927	0.006	<0.005	0.0023	0.076	-	-
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.535
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.540

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

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT BBM21-09794

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	25-May-2021
Project	MACDIARMID	Date Analysed	02-Jun-2021 - 25-Oct-2021
Submission Number	Macdiarmid / MAC21-C-A012 / 455	Date Completed	25-Oct-2021
Core (241-300)		SGS Order Number	BBM21-09794
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
55	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
60	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.
Analytical interferences for Pb is in effect due to Nb in scheme GE_ICP90A50.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507121	3.83	<5	<10	<5	1.19	<0.003
A00507122	4.14	<5	<10	<5	1.13	<0.003
A00507123	3.77	<5	<10	<5	1.47	<0.003
A00507124	4.16	<5	<10	<5	2.03	<0.003
A00507125	0.08	<5	<10	8	3.72	0.015
A00507126	4.33	<5	<10	<5	1.26	<0.003
A00507127	3.57	<5	<10	<5	1.43	<0.003
A00507128	3.41	<5	<10	<5	1.48	<0.003
A00507129	4.26	<5	<10	<5	1.50	<0.003
A00507130	0.13	<5	<10	<5	12.14	<0.003
A00507131	4.22	<5	<10	<5	7.54	<0.003
A00507132	4.56	<5	<10	<5	6.78	<0.003
A00507133	3.32	<5	<10	<5	1.53	<0.003
A00507134	3.20	<5	<10	<5	1.64	<0.003
A00507135	3.20	<5	<10	<5	1.65	<0.003
A00507136	3.62	<5	<10	<5	1.85	<0.003
A00507137	3.44	<5	<10	5	1.92	<0.003
A00507138	1.59	255	<10	<5	1.75	<0.003
A00507139	3.05	<5	<10	<5	8.07	<0.003
A00507140	3.69	6	<10	<5	8.42	<0.003
A00507141	3.50	<5	<10	<5	4.23	<0.003
A00507142	1.15	10	<10	<5	8.81	<0.003
A00507143	3.12	<5	<10	<5	1.64	<0.003
A00507144	3.09	<5	<10	7	2.18	<0.003
A00507145	0.08	<5	30	36	7.12	<0.003
A00507146	3.40	<5	<10	10	2.30	<0.003
A00507147	3.91	<5	10	18	2.60	<0.003
A00507148	3.54	6	20	31	2.21	<0.003
A00507149	3.52	5	10	21	2.67	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507150	0.13	<5	<10	<5	12.12	<0.003
A00507151	3.62	<5	<10	10	2.62	<0.003
A00507152	3.95	<5	30	22	3.65	<0.003
A00507153	3.57	<5	70	66	2.68	<0.003
A00507154	3.48	<5	<10	9	2.50	<0.003
A00507155	3.48	<5	<10	10	2.50	<0.003
A00507156	3.61	5	80	89	2.62	<0.003
A00507157	1.82	<5	100	121	3.62	<0.003
A00507158	4.59	<5	30	40	1.87	<0.003
A00507159	4.10	5	40	59	2.00	<0.003
A00507160	3.77	5	<10	<5	2.23	<0.003
A00507161	4.05	<5	<10	<5	2.47	<0.003
A00507162	3.81	<5	<10	<5	2.36	<0.003
A00507163	3.84	<5	<10	<5	2.61	<0.003
A00507164	3.80	<5	<10	<5	3.42	<0.003
A00507165	0.13	<5	<10	<5	13.12	<0.003
A00507166	3.43	<5	<10	<5	3.81	<0.003
A00507167	4.29	<5	<10	<5	4.97	<0.003
A00507168	3.72	<5	<10	<5	6.72	<0.003
A00507169	3.58	<5	<10	<5	7.43	<0.003
A00507170	3.58	<5	<10	<5	7.40	<0.003
A00507171	3.46	<5	<10	<5	7.89	<0.003
A00507172	3.72	<5	<10	<5	7.74	<0.003
A00507173	4.21	<5	<10	<5	7.96	<0.003
A00507174	3.65	<5	<10	<5	7.93	<0.003
A00507175	0.13	<5	<10	<5	12.95	<0.003
A00507176	3.53	<5	<10	<5	8.11	<0.003
A00507177	3.65	<5	<10	<5	8.78	<0.003
A00507178	3.66	<5	<10	<5	8.47	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507179	3.66	<5	<10	<5	6.56	<0.003
A00507180	1.42	<5	<10	<5	1.71	<0.003
*Std OREAS 680	-	169	410	226	-	-
*Rep A00507166	-	<5	<10	<5	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	540	250	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	155	400	212	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	50	540	240	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	15	40	51	-	-
*Rep A00507146	-	<5	<10	10	-	-
*Rep A00507138	-	372	<10	6	-	-
*Rep A00507138	-	203	<10	7	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.67	<0.003
*Std MP-2a	-	-	-	-	5.82	0.542
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std OREAS 623	-	-	-	-	5.06	0.008
*Rep A00507180	-	-	-	-	1.70	<0.003
*Rep A00507180	-	-	-	-	1.73	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.16	0.008
*Std OREAS 927	-	-	-	-	6.43	<0.003
*Rep A00507130	-	-	-	-	12.04	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.89	0.550

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507121	<0.001	<0.0005	0.4	<0.001	0.011	0.223
A00507122	<0.001	<0.0005	0.3	<0.001	0.011	0.240
A00507123	<0.001	<0.0005	1.1	<0.001	0.011	0.272
A00507124	<0.001	<0.0005	3.6	<0.001	0.010	0.305
A00507125	0.020	<0.0005	3.0	<0.001	0.007	0.118
A00507126	<0.001	<0.0005	0.5	<0.001	0.011	0.229
A00507127	<0.001	<0.0005	1.7	<0.001	0.011	0.343
A00507128	<0.001	<0.0005	1.3	<0.001	0.011	0.321
A00507129	<0.001	<0.0005	1.7	<0.001	0.011	0.333
A00507130	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507131	0.030	<0.0005	12.6	<0.001	0.005	0.021
A00507132	0.011	<0.0005	13.1	<0.001	0.005	0.035
A00507133	<0.001	<0.0005	0.9	<0.001	0.011	0.307
A00507134	<0.001	<0.0005	1.2	<0.001	0.011	0.346
A00507135	<0.001	<0.0005	1.2	<0.001	0.011	0.340
A00507136	<0.001	<0.0005	1.4	<0.001	0.010	0.302
A00507137	<0.001	<0.0005	1.9	<0.001	0.011	0.389
A00507138	<0.001	<0.0005	6.4	<0.001	0.009	0.263
A00507139	<0.001	<0.0005	12.7	<0.001	0.005	0.020
A00507140	0.002	<0.0005	8.3	<0.001	0.006	0.021
A00507141	<0.001	<0.0005	6.9	<0.001	0.007	0.193
A00507142	0.001	<0.0005	10.3	<0.001	0.004	0.075
A00507143	<0.001	<0.0005	4.8	<0.001	0.008	0.292
A00507144	<0.001	<0.0005	1.2	<0.001	0.011	0.336
A00507145	0.023	<0.0005	5.7	<0.001	0.015	0.026
A00507146	<0.001	<0.0005	2.1	<0.001	0.010	0.296
A00507147	<0.001	<0.0005	2.5	<0.001	0.011	0.331
A00507148	<0.001	<0.0005	2.0	<0.001	0.011	0.331

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507149	<0.001	<0.0005	5.0	<0.001	0.009	0.230
A00507150	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507151	<0.001	<0.0005	3.4	<0.001	0.010	0.294
A00507152	0.008	<0.0005	4.7	<0.001	0.008	0.256
A00507153	<0.001	<0.0005	3.4	<0.001	0.010	0.352
A00507154	<0.001	<0.0005	4.1	<0.001	0.010	0.300
A00507155	<0.001	<0.0005	4.7	<0.001	0.010	0.271
A00507156	<0.001	<0.0005	2.9	<0.001	0.010	0.426
A00507157	<0.001	<0.0005	5.8	<0.001	0.008	0.140
A00507158	<0.001	<0.0005	10.7	<0.001	0.006	0.156
A00507159	<0.001	<0.0005	11.1	<0.001	0.006	0.186
A00507160	0.003	<0.0005	11.8	<0.001	0.005	0.154
A00507161	<0.001	<0.0005	11.7	<0.001	0.005	0.132
A00507162	<0.001	<0.0005	10.7	<0.001	0.006	0.149
A00507163	0.003	<0.0005	10.6	<0.001	0.005	0.122
A00507164	0.029	<0.0005	9.6	<0.001	0.005	0.075
A00507165	0.002	<0.0005	0.4	<0.001	<0.001	<0.001
A00507166	0.006	<0.0005	9.3	<0.001	0.005	0.046
A00507167	0.006	<0.0005	9.5	<0.001	0.005	0.037
A00507168	0.008	<0.0005	8.5	<0.001	0.004	0.023
A00507169	0.010	<0.0005	8.3	<0.001	0.004	0.013
A00507170	0.010	<0.0005	8.2	<0.001	0.004	0.012
A00507171	0.011	<0.0005	8.1	<0.001	0.004	0.010
A00507172	0.005	<0.0005	8.5	<0.001	0.004	0.008
A00507173	0.005	<0.0005	7.5	<0.001	0.005	0.007
A00507174	0.005	<0.0005	7.0	<0.001	0.005	0.003
A00507175	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507176	0.006	<0.0005	6.2	<0.001	0.005	0.001
A00507177	0.004	<0.0005	7.0	<0.001	0.004	<0.001

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507178	0.004	<0.0005	7.6	<0.001	0.004	0.004
A00507179	0.004	<0.0005	6.7	<0.001	0.006	0.073
A00507180	<0.001	<0.0005	10.6	<0.001	0.007	0.159
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.029	<0.0005	0.4	<0.001	0.003	0.006
*Std MP-2a	0.001	<0.0005	3.1	0.001	<0.001	0.016
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.136	<0.0005	1.3	0.005	0.022	0.003
*Rep A00507180	<0.001	<0.0005	10.5	<0.001	0.006	0.155
*Rep A00507180	<0.001	<0.0005	10.7	<0.001	0.007	0.154
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.131	<0.0005	1.3	0.005	0.022	0.003
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Rep A00507130	0.002	<0.0005	0.3	<0.001	<0.001	0.002
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.0	0.001	<0.001	0.015

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507121	<0.001	5.68	<0.1	<0.001	<0.001	21.60
A00507122	<0.001	6.06	<0.1	<0.001	<0.001	21.15
A00507123	<0.001	6.68	<0.1	<0.001	<0.001	20.55
A00507124	<0.001	7.02	<0.1	<0.001	<0.001	18.64
A00507125	0.004	5.33	0.6	0.001	0.003	12.94
A00507126	<0.001	6.32	<0.1	<0.001	<0.001	21.45

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507127	<0.001	6.78	<0.1	<0.001	<0.001	19.99
A00507128	<0.001	6.58	<0.1	<0.001	<0.001	20.57
A00507129	0.004	7.30	<0.1	<0.001	<0.001	19.38
A00507130	<0.001	0.49	3.7	<0.001	0.003	0.18
A00507131	0.003	7.73	1.1	<0.001	0.003	4.99
A00507132	0.003	7.85	0.2	<0.001	0.003	5.53
A00507133	<0.001	6.93	<0.1	<0.001	<0.001	19.15
A00507134	<0.001	7.29	<0.1	<0.001	<0.001	19.77
A00507135	<0.001	7.34	<0.1	<0.001	<0.001	19.97
A00507136	<0.001	7.21	<0.1	<0.001	<0.001	19.80
A00507137	<0.001	7.25	<0.1	<0.001	<0.001	19.02
A00507138	0.003	6.28	<0.1	<0.001	<0.001	15.34
A00507139	0.007	7.68	<0.1	<0.001	0.001	4.63
A00507140	<0.001	9.04	<0.1	<0.001	0.001	7.20
A00507141	0.004	6.70	<0.1	0.002	<0.001	11.28
A00507142	<0.001	7.07	<0.1	0.010	<0.001	6.91
A00507143	0.002	6.03	<0.1	<0.001	<0.001	15.74
A00507144	0.004	7.41	<0.1	<0.001	<0.001	18.83
A00507145	0.031	9.35	0.6	0.001	<0.001	3.76
A00507146	0.003	7.74	<0.1	<0.001	<0.001	17.45
A00507147	0.003	7.50	<0.1	<0.001	<0.001	18.21
A00507148	0.003	7.51	<0.1	<0.001	<0.001	18.01
A00507149	0.006	6.57	<0.1	<0.001	<0.001	16.31
A00507150	<0.001	0.63	3.8	<0.001	0.003	0.28
A00507151	0.002	7.39	<0.1	<0.001	<0.001	16.63
A00507152	0.005	7.59	0.2	<0.001	0.003	13.74
A00507153	0.003	7.25	<0.1	<0.001	<0.001	16.00
A00507154	0.002	6.90	<0.1	<0.001	<0.001	15.81
A00507155	0.002	6.66	<0.1	<0.001	<0.001	15.79

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507156	0.004	7.32	<0.1	<0.001	<0.001	16.70
A00507157	0.007	6.45	<0.1	<0.001	<0.001	14.80
A00507158	0.017	5.13	<0.1	<0.001	<0.001	12.05
A00507159	0.017	5.12	<0.1	<0.001	<0.001	11.27
A00507160	0.016	4.93	<0.1	<0.001	0.002	10.93
A00507161	0.017	5.53	<0.1	<0.001	0.001	10.71
A00507162	0.018	5.68	<0.1	<0.001	0.001	10.57
A00507163	0.020	5.47	<0.1	<0.001	0.001	10.23
A00507164	0.009	5.78	0.3	<0.001	0.002	9.39
A00507165	<0.001	0.50	3.9	<0.001	0.003	0.13
A00507166	0.006	6.05	0.2	<0.001	0.001	8.57
A00507167	0.009	5.90	0.3	<0.001	0.001	7.74
A00507168	0.008	5.87	0.5	<0.001	<0.001	6.12
A00507169	0.002	5.84	0.6	<0.001	0.001	5.60
A00507170	0.002	5.82	0.6	<0.001	0.001	5.50
A00507171	<0.001	5.71	0.8	<0.001	0.001	5.48
A00507172	0.002	6.57	0.4	<0.001	<0.001	5.47
A00507173	0.004	7.32	0.5	<0.001	0.001	4.76
A00507174	0.002	7.39	0.5	<0.001	0.001	4.43
A00507175	<0.001	0.59	3.9	<0.001	0.003	0.08
A00507176	0.001	7.78	0.3	<0.001	0.001	4.12
A00507177	<0.001	7.80	0.3	<0.001	0.001	3.70
A00507178	0.004	7.43	0.2	<0.001	0.002	3.90
A00507179	0.005	7.54	0.4	<0.001	0.002	7.66
A00507180	0.005	4.69	<0.1	<0.001	<0.001	11.88
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.018	8.26	1.8	0.003	0.003	2.12
*Std MP-2a	0.045	4.87	1.2	0.014	0.009	0.09
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Std OREAS 623	1.583	13.04	1.4	0.002	0.001	1.19
*Rep A00507180	0.004	4.65	<0.1	<0.001	<0.001	11.75
*Rep A00507180	0.004	4.78	<0.1	<0.001	<0.001	12.21
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Std OREAS 623	1.709	12.81	1.4	0.002	0.002	1.16
*Std OREAS 927	1.066	8.28	1.8	0.003	0.003	2.10
*Rep A00507130	<0.001	0.47	3.8	<0.001	0.003	0.17
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std MP-2a	0.047	4.91	1.2	0.015	0.009	0.10

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507121	0.098	<0.001	0.218	0.01	<0.002	<0.05
A00507122	0.111	<0.001	0.220	0.02	<0.002	<0.05
A00507123	0.110	<0.001	0.200	<0.01	<0.002	<0.05
A00507124	0.129	<0.001	0.168	0.01	<0.002	<0.05
A00507125	0.113	<0.001	0.207	0.02	<0.002	0.24
A00507126	0.112	<0.001	0.214	<0.01	<0.002	<0.05
A00507127	0.138	<0.001	0.183	<0.01	<0.002	<0.05
A00507128	0.135	<0.001	0.187	<0.01	<0.002	<0.05
A00507129	0.144	<0.001	0.187	<0.01	<0.002	<0.05
A00507130	0.010	<0.001	0.001	<0.01	<0.002	<0.05
A00507131	0.139	<0.001	0.016	0.06	<0.002	<0.05
A00507132	0.154	<0.001	0.023	0.02	<0.002	<0.05
A00507133	0.112	<0.001	0.175	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507134	0.118	<0.001	0.197	0.02	<0.002	<0.05
A00507135	0.117	<0.001	0.189	0.03	<0.002	<0.05
A00507136	0.116	<0.001	0.164	0.02	<0.002	<0.05
A00507137	0.119	<0.001	0.172	0.01	<0.002	<0.05
A00507138	0.121	<0.001	0.128	<0.01	<0.002	<0.05
A00507139	0.148	<0.001	0.015	0.03	<0.002	<0.05
A00507140	0.148	<0.001	0.019	0.04	<0.002	<0.05
A00507141	0.099	<0.001	0.095	0.05	<0.002	<0.05
A00507142	0.147	<0.001	0.036	0.18	<0.002	<0.05
A00507143	0.109	<0.001	0.128	0.01	<0.002	0.06
A00507144	0.126	<0.001	0.156	<0.01	<0.002	0.07
A00507145	0.107	<0.001	0.681	0.13	<0.002	1.61
A00507146	0.127	<0.001	0.131	0.01	<0.002	<0.05
A00507147	0.130	<0.001	0.119	<0.01	<0.002	<0.05
A00507148	0.121	<0.001	0.121	0.01	<0.002	<0.05
A00507149	0.127	<0.001	0.104	0.02	<0.002	<0.05
A00507150	0.011	<0.001	0.002	<0.01	<0.002	<0.05
A00507151	0.120	<0.001	0.114	<0.01	<0.002	<0.05
A00507152	0.147	<0.001	0.075	0.02	<0.002	<0.05
A00507153	0.122	<0.001	0.120	0.02	<0.002	<0.05
A00507154	0.111	<0.001	0.123	0.01	<0.002	<0.05
A00507155	0.110	<0.001	0.123	0.02	<0.002	<0.05
A00507156	0.121	<0.001	0.093	<0.01	<0.002	0.06
A00507157	0.110	<0.001	0.069	0.01	<0.002	0.16
A00507158	0.109	<0.001	0.037	0.01	<0.002	<0.05
A00507159	0.107	<0.001	0.036	<0.01	<0.002	<0.05
A00507160	0.118	<0.001	0.030	0.02	<0.002	<0.05
A00507161	0.131	<0.001	0.028	0.02	<0.002	<0.05
A00507162	0.129	<0.001	0.032	0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507163	0.128	<0.001	0.027	<0.01	<0.002	<0.05
A00507164	0.125	<0.001	0.022	0.02	<0.002	<0.05
A00507165	0.010	<0.001	<0.001	<0.01	<0.002	<0.05
A00507166	0.130	<0.001	0.016	0.01	<0.002	<0.05
A00507167	0.127	<0.001	0.013	<0.01	<0.002	<0.05
A00507168	0.123	<0.001	0.009	0.03	<0.002	<0.05
A00507169	0.116	<0.001	0.006	<0.01	<0.002	<0.05
A00507170	0.116	<0.001	0.006	0.01	<0.002	<0.05
A00507171	0.112	<0.001	0.005	0.01	<0.002	<0.05
A00507172	0.121	<0.001	0.004	0.02	<0.002	<0.05
A00507173	0.132	<0.001	0.006	0.03	<0.002	0.13
A00507174	0.141	<0.001	0.003	0.02	<0.002	0.06
A00507175	0.010	<0.001	<0.001	<0.01	<0.002	<0.05
A00507176	0.138	<0.001	0.002	0.02	<0.002	<0.05
A00507177	0.133	<0.001	0.001	0.03	<0.002	<0.05
A00507178	0.127	<0.001	0.006	0.03	<0.002	<0.05
A00507179	0.136	<0.001	0.050	0.02	<0.002	<0.05
A00507180	0.097	<0.001	0.117	0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 927	0.115	<0.001	0.003	0.06	0.019	1.68
*Std MP-2a	0.103	0.149	0.001	0.02	0.269	0.65
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 623	0.062	0.001	0.002	0.05	0.242	9.08
*Rep A00507180	0.096	<0.001	0.113	<0.01	<0.002	0.02
*Rep A00507180	0.099	<0.001	0.114	0.02	<0.002	0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 623	0.059	<0.001	0.002	0.05	0.246	9.28
*Std OREAS 927	0.116	<0.001	0.003	0.06	0.020	1.71
*Rep A00507130	0.010	<0.001	<0.001	<0.01	<0.002	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std MP-2a	0.106	0.151	0.001	0.02	0.273	0.65

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507121	<0.005	0.0008	17.0	<0.005	<0.001	0.06
A00507122	<0.005	0.0007	16.7	<0.005	<0.001	0.05
A00507123	<0.005	0.0009	17.0	<0.005	<0.001	0.07
A00507124	<0.005	0.0012	17.5	<0.005	<0.001	0.09
A00507125	<0.005	0.0010	22.1	<0.005	0.007	0.16
A00507126	<0.005	0.0008	17.0	<0.005	<0.001	0.06
A00507127	<0.005	0.0010	17.4	<0.005	<0.001	0.08
A00507128	<0.005	0.0009	17.3	<0.005	<0.001	0.07
A00507129	<0.005	0.0010	16.8	<0.005	<0.001	0.07
A00507130	<0.005	<0.0005	27.0	<0.005	0.003	<0.01
A00507131	<0.005	0.0032	19.1	<0.005	0.014	0.44
A00507132	<0.005	0.0034	19.1	<0.005	0.021	0.46
A00507133	<0.005	0.0009	17.2	<0.005	<0.001	0.08
A00507134	<0.005	0.0011	17.8	<0.005	<0.001	0.08
A00507135	<0.005	0.0011	17.7	<0.005	<0.001	0.08
A00507136	<0.005	0.0011	17.6	<0.005	<0.001	0.09
A00507137	<0.005	0.0012	17.8	<0.005	<0.001	0.10
A00507138	<0.005	0.0011	19.6	<0.005	<0.001	0.10
A00507139	<0.005	0.0030	18.4	<0.005	0.035	0.42
A00507140	<0.005	0.0034	17.5	<0.005	0.038	0.47

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507141	<0.005	0.0015	21.2	<0.005	0.015	0.20
A00507142	<0.005	0.0010	18.9	<0.005	0.076	0.34
A00507143	<0.005	0.0010	22.0	<0.005	<0.001	0.09
A00507144	<0.005	0.0014	18.4	<0.005	<0.001	0.10
A00507145	<0.005	0.0017	22.5	<0.005	0.035	0.94
A00507146	<0.005	0.0016	18.3	<0.005	<0.001	0.12
A00507147	<0.005	0.0015	18.1	<0.005	<0.001	0.12
A00507148	<0.005	0.0014	18.3	<0.005	<0.001	0.11
A00507149	<0.005	0.0020	18.7	<0.005	<0.001	0.16
A00507150	<0.005	<0.0005	26.9	<0.005	0.003	<0.01
A00507151	<0.005	0.0017	18.9	<0.005	<0.001	0.12
A00507152	<0.005	0.0021	19.7	<0.005	0.003	0.19
A00507153	<0.005	0.0017	19.0	<0.005	<0.001	0.14
A00507154	<0.005	0.0017	19.5	<0.005	<0.001	0.13
A00507155	<0.005	0.0018	19.8	<0.005	<0.001	0.13
A00507156	<0.005	0.0018	18.8	<0.005	<0.001	0.13
A00507157	<0.005	0.0021	20.2	<0.005	<0.001	0.19
A00507158	<0.005	0.0049	22.9	<0.005	<0.001	0.12
A00507159	<0.005	0.0046	22.8	<0.005	<0.001	0.12
A00507160	<0.005	0.0054	23.0	<0.005	0.001	0.13
A00507161	<0.005	0.0057	23.0	<0.005	0.003	0.14
A00507162	<0.005	0.0062	22.5	<0.005	<0.001	0.15
A00507163	<0.005	0.0058	22.9	<0.005	0.001	0.14
A00507164	<0.005	0.0059	23.5	<0.005	0.002	0.18
A00507165	<0.005	<0.0005	26.9	<0.005	0.003	<0.01
A00507166	<0.005	0.0064	23.9	<0.005	0.002	0.19
A00507167	<0.005	0.0057	23.8	<0.005	0.005	0.19
A00507168	<0.005	0.0044	22.9	<0.005	0.010	0.21
A00507169	<0.005	0.0039	23.0	<0.005	0.015	0.23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507170	<0.005	0.0039	22.8	<0.005	0.015	0.23
A00507171	<0.005	0.0039	22.5	<0.005	0.011	0.22
A00507172	<0.005	0.0040	23.6	<0.005	0.013	0.27
A00507173	<0.005	0.0037	22.7	<0.005	0.009	0.31
A00507174	<0.005	0.0037	23.0	<0.005	0.009	0.31
A00507175	<0.005	<0.0005	26.7	<0.005	0.003	<0.01
A00507176	<0.005	0.0035	23.0	<0.005	0.009	0.35
A00507177	<0.005	0.0033	23.2	<0.005	0.008	0.41
A00507178	<0.005	0.0030	21.6	<0.005	0.010	0.37
A00507179	<0.005	0.0026	20.4	<0.005	0.006	0.36
A00507180	<0.005	0.0009	21.4	<0.005	0.002	0.08
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	27.6	<0.005	0.003	0.33
*Std MP-2a	<0.005	<0.0005	30.0	0.051	0.001	0.05
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0006	22.8	<0.005	0.008	0.14
*Rep A00507180	<0.005	0.0009	21.1	<0.005	0.002	0.08
*Rep A00507180	<0.005	0.0008	21.6	<0.005	0.002	0.09
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0007	22.8	<0.005	0.008	0.14
*Std OREAS 927	<0.005	0.0009	28.4	<0.005	0.003	0.32
*Rep A00507130	<0.005	<0.0005	26.9	<0.005	0.003	0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std MP-2a	<0.005	<0.0005	>30.0	0.054	0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507121	0.005	<0.005	<0.0005	0.006	-	0.098
A00507122	0.005	<0.005	<0.0005	0.007	-	0.099
A00507123	0.006	<0.005	<0.0005	0.006	-	0.036
A00507124	0.007	<0.005	<0.0005	0.007	-	0.027
A00507125	0.006	<0.005	0.0009	0.011	-	0.281
A00507126	0.005	<0.005	<0.0005	0.006	-	0.038
A00507127	0.006	<0.005	<0.0005	0.010	-	0.027
A00507128	0.006	<0.005	<0.0005	0.010	-	0.027
A00507129	0.007	<0.005	<0.0005	0.009	-	0.028
A00507130	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507131	0.021	<0.005	0.0016	0.009	3.22	<0.005
A00507132	0.021	<0.005	0.0017	0.008	-	<0.005
A00507133	0.006	<0.005	<0.0005	0.008	-	0.081
A00507134	0.007	<0.005	<0.0005	0.009	-	0.086
A00507135	0.007	<0.005	<0.0005	0.008	-	0.085
A00507136	0.007	<0.005	<0.0005	0.008	-	0.072
A00507137	0.008	<0.005	<0.0005	0.008	-	0.070
A00507138	0.007	<0.005	<0.0005	0.007	-	0.060
A00507139	0.021	<0.005	0.0015	0.008	-	0.005
A00507140	0.023	<0.005	0.0017	0.012	-	<0.005
A00507141	0.011	<0.005	0.0011	0.009	-	0.013
A00507142	0.012	<0.005	0.0034	0.013	-	0.006
A00507143	0.007	<0.005	<0.0005	0.008	-	0.097
A00507144	0.008	<0.005	<0.0005	0.009	-	0.104
A00507145	0.015	<0.005	0.0018	0.011	-	1.714
A00507146	0.010	<0.005	0.0005	0.008	-	0.083
A00507147	0.010	<0.005	0.0006	0.008	-	0.062
A00507148	0.009	<0.005	0.0005	0.008	-	0.063
A00507149	0.012	<0.005	0.0007	0.007	-	0.053

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A012 / 455
Core (241-300)
Number of Samples 60

ANALYSIS REPORT BBM21-09794

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507150	<0.001	<0.005	<0.0005	0.002	-	0.006
A00507151	0.010	<0.005	0.0006	0.008	-	0.099
A00507152	0.013	<0.005	0.0009	0.008	-	0.052
A00507153	0.011	<0.005	0.0007	0.008	-	0.090
A00507154	0.010	<0.005	0.0006	0.007	-	0.098
A00507155	0.011	<0.005	0.0006	0.007	-	0.094
A00507156	0.011	<0.005	0.0006	0.008	-	0.124
A00507157	0.013	<0.005	0.0009	0.006	-	0.227
A00507158	0.018	<0.005	0.0006	0.004	-	0.077
A00507159	0.017	<0.005	0.0006	0.004	-	0.027
A00507160	0.018	<0.005	0.0006	0.004	-	0.014
A00507161	0.020	<0.005	0.0007	0.005	-	0.021
A00507162	0.022	<0.005	0.0008	0.005	-	0.020
A00507163	0.021	<0.005	0.0008	0.004	-	0.021
A00507164	0.023	<0.005	0.0009	0.004	-	0.019
A00507165	<0.001	<0.005	<0.0005	0.002	-	0.006
A00507166	0.025	<0.005	0.0011	0.004	-	0.022
A00507167	0.024	<0.005	0.0011	0.004	-	0.025
A00507168	0.021	<0.005	0.0010	0.005	-	0.077
A00507169	0.021	<0.005	0.0011	0.004	-	0.019
A00507170	0.021	<0.005	0.0011	0.005	-	0.020
A00507171	0.020	<0.005	0.0011	0.005	-	0.016
A00507172	0.021	<0.005	0.0014	0.005	-	0.032
A00507173	0.022	<0.005	0.0014	0.008	3.02	0.175
A00507174	0.023	<0.005	0.0015	0.008	-	0.108
A00507175	<0.001	<0.005	<0.0005	0.002	-	0.007
A00507176	0.024	<0.005	0.0017	0.008	-	0.039
A00507177	0.026	<0.005	0.0019	0.006	-	0.019
A00507178	0.023	<0.005	0.0016	0.009	-	0.018

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507179	0.019	<0.005	0.0012	0.008	-	0.024
A00507180	0.006	<0.005	<0.0005	0.005	-	0.080
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.535
*Rep A00507121	-	-	-	-	-	0.099
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.540
*Rep A00507142	-	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 927	0.008	<0.005	0.0022	0.071	-	-
*Std MP-2a	<0.001	0.313	0.0210	0.579	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 623	0.003	<0.005	0.0016	1.012	-	-
*Rep A00507180	0.006	<0.005	<0.0005	0.004	-	-
*Rep A00507180	0.006	<0.005	<0.0005	0.005	-	-
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.541
*Rep A00507178	-	-	-	-	-	0.017
*Std GS314-2	-	-	-	-	-	2.564
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 623	0.003	<0.005	0.0016	0.965	-	-
*Std OREAS 927	0.007	<0.005	0.0021	0.073	-	-
*Rep A00507130	<0.001	<0.005	<0.0005	0.002	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std MP-2a	<0.001	0.326	0.0213	0.559	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A012 / 455
Core (241-300)	
Number of Samples	60

ANALYSIS REPORT BBM21-09794

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.

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ANALYSIS REPORT BBM21-09795

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	25-May-2021
Project	MACDIARMID	Date Analysed	02-Jun-2021 - 15-Dec-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A013 /	Date Completed	26-Dec-2021
455 Core (301-335)		SGS Order Number	BBM21-09795
Number of Samples	35		

Methods Summary

Number of Sample	Method Code	Description
35	G_WGH_KG	Weight of samples received
31	G_PRP	Combined Sample Preparation
35	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
35	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
35	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
35	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507181	2.95	7	<10	<5	1.11	<0.003
A00507182	3.55	<5	<10	<5	1.31	<0.003
A00507183	3.08	<5	<10	<5	1.37	<0.003
A00507184	3.48	<5	<10	<5	1.31	<0.003
A00507185	3.48	<5	<10	<5	1.33	<0.003
A00507186	3.71	<5	<10	<5	1.56	<0.003
A00507187	3.51	<5	<10	<5	1.28	<0.003
A00507188	3.21	<5	<10	<5	1.20	<0.003
A00507189	3.45	<5	<10	<5	1.26	<0.003
A00507190	0.08	9	<10	12	3.78	0.018
A00507191	2.24	<5	<10	<5	1.26	<0.003
A00507192	2.51	12	<10	<5	1.30	<0.003
A00507193	2.16	56	<10	<5	6.53	<0.003
A00507194	2.96	15	<10	<5	7.37	<0.003
A00507195	0.13	<5	<10	<5	12.42	<0.003
A00507196	3.45	13	<10	7	2.99	<0.003
A00507197	3.67	26	<10	7	2.80	<0.003
A00507198	3.56	<5	<10	7	2.95	<0.003
A00507199	3.61	6	<10	8	3.40	<0.003
A00507200	1.97	<5	<10	7	4.09	<0.003
A00507201	2.91	6	<10	<5	8.65	<0.003
A00507202	4.81	<5	<10	<5	8.43	<0.003
A00507203	3.69	<5	<10	<5	8.53	<0.003
A00507204	3.97	<5	<10	<5	8.56	<0.003
A00507205	3.97	<5	<10	<5	8.52	<0.003
A00507206	3.83	<5	<10	<5	8.70	<0.003
A00507207	4.12	<5	<10	<5	8.56	<0.003
A00507208	3.98	<5	<10	<5	8.57	<0.003
A00507209	3.96	<5	<10	<5	8.60	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507210	0.12	<5	<10	<5	12.28	<0.003
A00507211	3.98	<5	<10	<5	8.71	<0.003
A00507212	3.82	<5	<10	<5	8.60	<0.003
A00507213	0.08	9	<10	10	3.76	0.014
A00507214	3.41	5	<10	<5	8.53	<0.003
A00507215	3.27	<5	<10	<5	6.85	<0.003
*Std OREAS 680	-	169	410	226	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507194	-	9	<10	<5	-	-
*Std OREAS 681	-	53	540	250	-	-
*Rep A00507209	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.67	<0.003
*Std MP-2a	-	-	-	-	5.82	0.542
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std OREAS 623	-	-	-	-	5.06	0.008
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507191	-	-	-	-	1.28	<0.003
*Std MP-2a	-	-	-	-	5.99	0.592
*Std OREAS 623	-	-	-	-	5.20	0.010
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.06	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507181	<0.001	<0.0005	0.6	<0.001	0.011	0.219
A00507182	<0.001	<0.0005	0.1	<0.001	0.011	0.209
A00507183	<0.001	<0.0005	0.7	<0.001	0.010	0.184
A00507184	<0.001	<0.0005	0.5	<0.001	0.010	0.150
A00507185	<0.001	<0.0005	0.5	<0.001	0.010	0.154
A00507186	0.004	<0.0005	0.5	<0.001	0.010	0.262
A00507187	<0.001	<0.0005	0.1	<0.001	0.010	0.246
A00507188	<0.001	<0.0005	0.5	<0.001	0.010	0.238
A00507189	<0.001	<0.0005	0.2	<0.001	0.010	0.258
A00507190	0.021	<0.0005	3.0	<0.001	0.007	0.121
A00507191	<0.001	<0.0005	0.2	<0.001	0.010	0.257
A00507192	<0.001	<0.0005	1.7	<0.001	0.010	0.229
A00507193	<0.001	<0.0005	17.0	<0.001	0.005	0.032
A00507194	<0.001	<0.0005	15.2	<0.001	0.005	0.020
A00507195	0.002	<0.0005	0.4	<0.001	<0.001	0.012
A00507196	<0.001	<0.0005	5.2	<0.001	0.008	0.185
A00507197	<0.001	<0.0005	3.1	<0.001	0.009	0.204
A00507198	<0.001	<0.0005	3.1	<0.001	0.008	0.205
A00507199	<0.001	<0.0005	3.7	<0.001	0.008	0.199
A00507200	<0.001	<0.0005	5.7	<0.001	0.007	0.151
A00507201	0.007	<0.0005	8.7	<0.001	0.005	0.023
A00507202	0.005	<0.0005	8.6	<0.001	0.005	0.022
A00507203	0.007	<0.0005	7.6	<0.001	0.005	0.025
A00507204	0.006	<0.0005	7.5	<0.001	0.005	0.023
A00507205	0.006	<0.0005	7.5	<0.001	0.005	0.026
A00507206	0.005	<0.0005	7.8	<0.001	0.005	0.026
A00507207	0.009	<0.0005	7.3	<0.001	0.005	0.029
A00507208	0.007	<0.0005	7.6	<0.001	0.005	0.024
A00507209	0.006	<0.0005	7.4	<0.001	0.005	0.030

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507210	0.002	<0.0005	0.3	<0.001	<0.001	0.027
A00507211	0.007	<0.0005	7.7	<0.001	0.005	0.031
A00507212	0.008	<0.0005	7.4	<0.001	0.005	0.024
A00507213	0.021	<0.0005	3.0	<0.001	0.007	0.118
A00507214	0.005	<0.0005	8.3	<0.001	0.005	0.029
A00507215	0.002	<0.0005	6.2	<0.001	0.006	0.077
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.029	<0.0005	0.4	<0.001	0.003	0.006
*Std MP-2a	0.001	<0.0005	3.1	0.001	<0.001	0.016
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 623	0.136	<0.0005	1.3	0.005	0.022	0.003
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507191	<0.001	<0.0005	0.2	<0.001	0.010	0.258
*Std MP-2a	0.001	<0.0005	3.1	<0.001	<0.001	0.015
*Std OREAS 623	0.145	<0.0005	1.4	0.004	0.022	0.002
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507181	0.027	5.91	<0.1	<0.001	<0.001	21.77
A00507182	<0.001	6.08	<0.1	<0.001	<0.001	22.63
A00507183	<0.001	6.18	<0.1	<0.001	<0.001	21.67
A00507184	<0.001	6.13	<0.1	<0.001	<0.001	21.58
A00507185	<0.001	6.31	<0.1	<0.001	<0.001	22.14

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507186	0.011	6.51	<0.1	<0.001	<0.001	21.45
A00507187	0.012	6.57	<0.1	<0.001	<0.001	22.47
A00507188	0.011	6.48	<0.1	<0.001	<0.001	22.13
A00507189	0.011	6.80	<0.1	<0.001	<0.001	21.88
A00507190	0.013	5.55	0.6	0.001	0.003	13.11
A00507191	0.011	6.58	<0.1	<0.001	<0.001	21.51
A00507192	0.012	6.12	<0.1	<0.001	<0.001	21.46
A00507193	0.013	6.98	<0.1	<0.001	<0.001	6.32
A00507194	0.014	7.92	<0.1	<0.001	0.002	5.50
A00507195	<0.001	0.77	3.9	<0.001	0.003	0.10
A00507196	0.012	6.98	<0.1	<0.001	<0.001	16.62
A00507197	0.012	6.91	<0.1	<0.001	<0.001	17.55
A00507198	0.013	6.93	<0.1	<0.001	<0.001	16.89
A00507199	0.014	7.17	<0.1	<0.001	<0.001	16.27
A00507200	0.013	7.20	<0.1	<0.001	0.001	13.06
A00507201	0.012	8.52	0.4	<0.001	0.002	6.05
A00507202	0.011	8.17	0.2	<0.001	0.002	4.85
A00507203	0.012	8.34	0.3	<0.001	0.002	5.01
A00507204	0.012	8.88	0.3	<0.001	0.002	4.96
A00507205	0.012	8.92	0.3	<0.001	0.001	4.96
A00507206	0.012	8.77	0.3	<0.001	0.001	5.01
A00507207	0.012	8.28	0.4	<0.001	0.002	5.47
A00507208	0.011	8.10	0.4	<0.001	0.002	5.24
A00507209	0.012	8.56	0.3	<0.001	0.002	5.19
A00507210	<0.001	0.97	3.8	<0.001	0.003	0.09
A00507211	0.012	8.42	0.3	<0.001	0.002	5.05
A00507212	0.012	8.58	0.4	<0.001	0.002	5.17
A00507213	0.013	5.53	0.6	0.001	0.003	13.39
A00507214	0.012	8.53	0.2	<0.001	0.002	5.12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507215	0.011	8.25	0.1	<0.001	0.002	10.34
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.018	8.26	1.8	0.003	0.003	2.12
*Std MP-2a	0.045	4.87	1.2	0.014	0.009	0.09
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.583	13.04	1.4	0.002	0.001	1.19
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507191	0.011	6.72	<0.1	<0.001	<0.001	22.12
*Std MP-2a	0.049	5.12	1.2	0.016	0.009	0.09
*Std OREAS 623	1.756	13.76	1.4	0.002	0.002	1.19
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	0.999	8.21	1.7	0.003	0.003	2.00

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507181	0.084	<0.001	0.220	<0.01	<0.002	<0.05
A00507182	0.096	<0.001	0.225	<0.01	<0.002	<0.05
A00507183	0.115	<0.001	0.222	0.01	<0.002	<0.05
A00507184	0.102	<0.001	0.228	<0.01	<0.002	<0.05
A00507185	0.106	<0.001	0.231	<0.01	<0.002	<0.05
A00507186	0.113	<0.001	0.211	0.01	<0.002	<0.05
A00507187	0.099	<0.001	0.211	0.01	<0.002	<0.05
A00507188	0.092	<0.001	0.194	0.01	<0.002	<0.05
A00507189	0.093	<0.001	0.206	0.04	<0.002	<0.05
A00507190	0.112	<0.001	0.206	0.03	<0.002	0.25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507191	0.100	<0.001	0.199	<0.01	<0.002	<0.05
A00507192	0.096	<0.001	0.205	0.03	<0.002	<0.05
A00507193	0.162	<0.001	0.021	0.02	<0.002	<0.05
A00507194	0.163	<0.001	0.012	0.03	<0.002	<0.05
A00507195	0.012	<0.001	<0.001	0.01	<0.002	<0.05
A00507196	0.129	<0.001	0.143	0.02	<0.002	<0.05
A00507197	0.112	<0.001	0.150	0.02	<0.002	<0.05
A00507198	0.112	<0.001	0.141	0.06	<0.002	<0.05
A00507199	0.117	<0.001	0.124	0.02	<0.002	<0.05
A00507200	0.127	<0.001	0.096	0.05	<0.002	<0.05
A00507201	0.141	<0.001	0.018	0.04	<0.002	<0.05
A00507202	0.137	<0.001	0.018	0.02	<0.002	0.10
A00507203	0.139	<0.001	0.016	0.04	<0.002	<0.05
A00507204	0.143	<0.001	0.013	0.04	<0.002	<0.05
A00507205	0.143	<0.001	0.015	0.03	<0.002	<0.05
A00507206	0.140	<0.001	0.016	0.05	<0.002	<0.05
A00507207	0.134	<0.001	0.019	0.02	<0.002	<0.05
A00507208	0.130	<0.001	0.019	0.04	<0.002	<0.05
A00507209	0.136	<0.001	0.017	0.03	<0.002	0.07
A00507210	0.014	<0.001	<0.001	0.01	<0.002	<0.05
A00507211	0.132	<0.001	0.019	0.04	<0.002	<0.05
A00507212	0.136	<0.001	0.016	0.03	<0.002	<0.05
A00507213	0.109	<0.001	0.194	0.04	<0.002	0.24
A00507214	0.136	<0.001	0.017	0.04	<0.002	<0.05
A00507215	0.141	<0.001	0.055	0.03	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 927	0.115	<0.001	0.003	0.06	0.019	1.68
*Std MP-2a	0.103	0.149	0.001	0.02	0.269	0.65
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)	
Number of Samples	35

ANALYSIS REPORT BBM21-09795

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Std OREAS 623	0.062	0.001	0.002	0.05	0.242	9.08
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507191	0.104	<0.001	0.197	<0.01	<0.002	<0.01
*Std MP-2a	0.104	0.147	0.001	0.02	0.270	0.67
*Std OREAS 623	0.059	<0.001	0.001	0.06	0.240	9.64
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 927	0.111	<0.001	0.003	0.07	0.021	1.74

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507181	<0.005	0.0007	17.5	<0.005	<0.001	0.06
A00507182	<0.005	0.0006	17.6	<0.005	<0.001	0.07
A00507183	<0.005	0.0009	18.0	<0.005	<0.001	0.09
A00507184	<0.005	0.0009	17.7	<0.005	<0.001	0.07
A00507185	<0.005	0.0010	18.1	<0.005	<0.001	0.07
A00507186	<0.005	0.0011	17.6	<0.005	0.001	0.09
A00507187	<0.005	0.0010	17.5	<0.005	<0.001	0.07
A00507188	<0.005	0.0009	17.3	<0.005	<0.001	0.06
A00507189	<0.005	0.0010	17.2	<0.005	<0.001	0.06
A00507190	<0.005	0.0011	22.0	<0.005	0.007	0.18
A00507191	<0.005	0.0011	16.9	<0.005	<0.001	0.07
A00507192	<0.005	0.0010	17.3	<0.005	<0.001	0.07
A00507193	<0.005	0.0026	17.3	<0.005	<0.001	0.37
A00507194	<0.005	0.0034	17.5	<0.005	0.001	0.49
A00507195	<0.005	<0.0005	26.8	<0.005	0.003	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507196	<0.005	0.0018	18.7	<0.005	<0.001	0.17
A00507197	<0.005	0.0018	19.2	<0.005	<0.001	0.15
A00507198	<0.005	0.0019	19.2	<0.005	<0.001	0.17
A00507199	<0.005	0.0021	19.8	<0.005	<0.001	0.19
A00507200	<0.005	0.0022	20.8	<0.005	<0.001	0.24
A00507201	<0.005	0.0035	19.5	<0.005	0.014	0.48
A00507202	<0.005	0.0034	21.0	<0.005	0.013	0.46
A00507203	<0.005	0.0033	21.0	<0.005	0.012	0.47
A00507204	<0.005	0.0036	21.2	<0.005	0.013	0.51
A00507205	<0.005	0.0037	21.1	<0.005	0.013	0.51
A00507206	<0.005	0.0035	20.9	<0.005	0.015	0.48
A00507207	<0.005	0.0030	20.3	<0.005	0.011	0.40
A00507208	<0.005	0.0034	20.8	<0.005	0.014	0.45
A00507209	<0.005	0.0033	21.4	<0.005	0.016	0.46
A00507210	<0.005	<0.0005	26.8	<0.005	0.003	<0.01
A00507211	<0.005	0.0034	21.1	<0.005	0.016	0.48
A00507212	<0.005	0.0034	21.1	<0.005	0.015	0.47
A00507213	<0.005	0.0012	21.9	<0.005	0.007	0.17
A00507214	<0.005	0.0035	20.2	<0.005	0.018	0.48
A00507215	<0.005	0.0029	19.5	<0.005	0.007	0.36
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	27.6	<0.005	0.003	0.33
*Std MP-2a	<0.005	<0.0005	30.0	0.051	0.001	0.05
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0006	22.8	<0.005	0.008	0.14
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507191	<0.005	0.0010	17.4	<0.005	<0.001	0.07
*Std MP-2a	<0.005	0.0006	>30.0	0.053	0.001	0.03
*Std OREAS 623	<0.005	0.0008	23.0	<0.005	0.009	0.15

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	27.1	<0.005	0.003	0.31

Element	V	W	Y	Zn	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	0.005
Upper Limit	5	4	2.5	5	30
Unit	%	%	%	%	%
A00507181	0.005	<0.005	<0.0005	0.004	0.093
A00507182	0.005	<0.005	<0.0005	0.005	0.060
A00507183	0.006	<0.005	<0.0005	0.006	0.059
A00507184	0.005	<0.005	<0.0005	0.004	0.068
A00507185	0.005	<0.005	<0.0005	0.004	0.061
A00507186	0.004	<0.005	<0.0005	0.006	0.061
A00507187	0.005	<0.005	<0.0005	0.005	0.076
A00507188	0.003	<0.005	<0.0005	0.006	0.068
A00507189	0.004	<0.005	<0.0005	0.006	0.072
A00507190	0.005	<0.005	0.0009	0.011	0.302
A00507191	0.004	<0.005	<0.0005	0.006	0.072
A00507192	0.004	<0.005	<0.0005	0.004	0.080
A00507193	0.016	<0.005	0.0011	0.007	0.024
A00507194	0.020	<0.005	0.0015	0.007	0.018
A00507195	<0.001	<0.005	<0.0005	0.002	0.005
A00507196	0.010	<0.005	0.0006	0.006	0.109
A00507197	0.009	<0.005	0.0006	0.005	0.109
A00507198	0.009	<0.005	0.0007	0.006	0.096
A00507199	0.012	<0.005	0.0007	0.007	0.108
A00507200	0.012	<0.005	0.0009	0.007	0.080

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	V	W	Y	Zn	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	0.005
Upper Limit	5	4	2.5	5	30
Unit	%	%	%	%	%
A00507201	0.020	<0.005	0.0015	0.008	0.024
A00507202	0.021	<0.005	0.0014	0.008	0.174
A00507203	0.019	<0.005	0.0014	0.008	0.075
A00507204	0.022	<0.005	0.0016	0.008	0.106
A00507205	0.023	<0.005	0.0016	0.009	0.112
A00507206	0.023	<0.005	0.0015	0.009	0.104
A00507207	0.019	<0.005	0.0012	0.008	0.058
A00507208	0.018	<0.005	0.0014	0.008	0.096
A00507209	0.020	<0.005	0.0014	0.009	0.139
A00507210	<0.001	<0.005	<0.0005	0.002	0.017
A00507211	0.021	<0.005	0.0015	0.009	0.107
A00507212	0.020	<0.005	0.0015	0.009	0.077
A00507213	0.005	<0.005	0.0009	0.012	0.329
A00507214	0.020	<0.005	0.0015	0.008	0.040
A00507215	0.015	<0.005	0.0012	0.009	0.047
*Blk BLANK	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	2.541
*Std GS314-2	-	-	-	-	2.564
*Rep A00507198	-	-	-	-	0.095
*Blk BLANK	-	-	-	-	<0.005
*Blk BLANK	-	-	-	-	0.005
*Std GS314-2	-	-	-	-	2.509
*Std GS314-2	-	-	-	-	2.526
*Blk BLANK	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 927	0.008	<0.005	0.0022	0.071	-
*Std MP-2a	<0.001	0.313	0.0210	0.579	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 623	0.003	<0.005	0.0016	1.012	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A013 /
455 Core (301-335)
Number of Samples 35

ANALYSIS REPORT BBM21-09795

Element	V	W	Y	Zn	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	0.005
Upper Limit	5	4	2.5	5	30
Unit	%	%	%	%	%
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Rep A00507191	0.005	<0.005	<0.0005	0.006	-
*Std MP-2a	<0.001	0.334	0.0219	0.572	-
*Std OREAS 623	<0.001	<0.005	0.0017	1.036	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 927	0.005	<0.005	0.0021	0.073	-

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

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT BBM21-09796

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	25-May-2021
Project	MACDIARMID	Date Analysed	02-Jun-2021 - 13-Jan-2022
Submission Number	*LK* Macdiarmid / MAC21-C-A014 /	Date Completed	13-Jan-2022
455 Core (336-395)		SGS Order Number	BBM21-09796
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
54	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
60	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)	
Number of Samples	60

ANALYSIS REPORT BBM21-09796

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507216	3.46	<5	10	14	1.17	<0.003
A00507217	3.25	<5	<10	11	1.22	<0.003
A00507218	3.50	<5	<10	10	1.29	<0.003
A00507219	3.40	<5	<10	9	1.06	<0.003
A00507220	-	<5	<10	8	1.27	<0.003
A00507221	3.19	<5	<10	<5	0.91	<0.003
A00507222	2.09	<5	<10	7	0.95	<0.003
A00507223	3.47	<5	<10	5	1.03	<0.003
A00507224	3.37	<5	<10	<5	1.06	<0.003
A00507225	0.13	<5	<10	<5	12.09	<0.003
A00507226	3.46	<5	10	5	0.99	<0.003
A00507227	3.60	<5	20	13	0.95	<0.003
A00507228	3.46	<5	20	19	1.01	0.003
A00507229	3.38	<5	20	19	0.99	<0.003
A00507230	0.09	8	<10	11	3.72	0.015
A00507231	3.48	<5	10	8	0.97	0.003
A00507232	4.32	<5	<10	<5	0.99	<0.003
A00507233	3.44	<5	<10	9	0.99	<0.003
A00507234	3.79	<5	10	5	1.31	<0.003
A00507235	3.64	<5	<10	<5	0.92	<0.003
A00507236	3.35	<5	<10	8	0.92	<0.003
A00507237	3.73	<5	10	8	0.89	<0.003
A00507238	3.67	<5	20	6	0.88	<0.003
A00507239	3.27	6	<10	6	0.95	<0.003
A00507240	0.12	<5	<10	<5	12.21	<0.003
A00507241	3.45	9	20	22	0.92	<0.003
A00507242	3.54	7	30	20	0.97	<0.003
A00507243	3.03	5	20	19	0.90	<0.003
A00507244	3.66	<5	<10	5	0.92	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507245	0.09	71	<10	12	3.85	0.016
A00507246	3.26	<5	<10	8	1.09	<0.003
A00507247	3.20	<5	20	14	1.13	<0.003
A00507248	4.26	<5	<10	7	1.16	<0.003
A00507249	3.61	<5	<10	7	0.93	<0.003
A00507250	-	<5	<10	6	0.88	<0.003
A00507251	3.45	<5	<10	11	0.84	<0.003
A00507252	3.27	<5	<10	5	0.88	<0.003
A00507253	2.28	<5	10	5	0.78	<0.003
A00507254	3.23	<5	<10	<5	0.78	<0.003
A00507255	3.31	<5	<10	5	0.75	<0.003
A00507256	2.85	<5	<10	7	0.77	<0.003
A00507257	2.92	<5	<10	<5	0.75	<0.003
A00507258	3.12	<5	<10	<5	0.92	<0.003
A00507259	3.52	<5	<10	<5	0.75	<0.003
A00507260	0.13	<5	<10	<5	12.63	<0.003
A00507261	3.06	<5	<10	<5	0.78	<0.003
A00507262	2.84	<5	<10	<5	0.71	<0.003
A00507263	3.27	<5	<10	6	0.68	<0.003
A00507264	2.87	<5	<10	6	0.66	<0.003
A00507265	-	<5	<10	<5	0.66	<0.003
A00507266	3.30	<5	<10	<5	0.72	<0.003
A00507267	3.00	<5	<10	<5	0.62	<0.003
A00507268	2.71	<5	<10	<5	0.67	<0.003
A00507269	3.12	<5	<10	<5	0.64	<0.003
A00507270	0.08	7	30	39	7.47	<0.003
A00507271	3.40	<5	<10	5	0.69	<0.003
A00507272	2.84	<5	<10	7	0.66	<0.003
A00507273	2.86	<5	<10	5	0.65	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507274	3.29	<5	<10	<5	1.41	<0.003
A00507275	3.58	<5	<10	<5	8.26	<0.003
*Dup A00507254	-	<5	<10	<5	0.77	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std MP-2a	-	-	-	-	5.99	0.592
*Std OREAS 623	-	-	-	-	5.20	0.010
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507223	-	-	-	-	1.02	0.003
*Std OREAS 927	-	-	-	-	6.06	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507233	-	-	-	-	0.98	<0.003
*Std OREAS 927	-	-	-	-	6.48	0.003
*Rep A00507248	-	-	-	-	1.17	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.11	0.009
*Std MP-2a	-	-	-	-	6.04	0.551
*Std OREAS 45f	-	21	40	60	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507231	-	6	10	9	-	-
*Std OREAS 681	-	54	530	247	-	-
*Rep A00507264	-	<5	<10	5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	172	420	228	-	-
*Std OREAS 680	-	169	410	226	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	540	250	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507216	<0.001	<0.0005	0.1	<0.001	0.012	0.554
A00507217	<0.001	<0.0005	0.2	<0.001	0.012	0.616
A00507218	<0.001	<0.0005	0.2	<0.001	0.011	0.667
A00507219	<0.001	<0.0005	0.2	<0.001	0.010	0.617
A00507220	<0.001	<0.0005	0.1	<0.001	0.010	0.654
A00507221	<0.001	<0.0005	<0.1	<0.001	0.010	0.551
A00507222	<0.001	<0.0005	<0.1	<0.001	0.011	0.666
A00507223	<0.001	<0.0005	0.3	<0.001	0.009	0.913
A00507224	<0.001	<0.0005	0.2	<0.001	0.010	0.733
A00507225	0.002	<0.0005	0.3	<0.001	<0.001	0.030
A00507226	<0.001	<0.0005	0.2	<0.001	0.010	0.733
A00507227	<0.001	<0.0005	0.3	<0.001	0.010	0.794
A00507228	<0.001	<0.0005	0.3	<0.001	0.011	0.841
A00507229	<0.001	<0.0005	0.4	<0.001	0.010	0.775
A00507230	0.021	<0.0005	2.9	<0.001	0.007	0.115
A00507231	<0.001	<0.0005	0.3	<0.001	0.009	0.663
A00507232	<0.001	<0.0005	0.3	<0.001	0.009	0.714
A00507233	<0.001	<0.0005	0.5	<0.001	0.009	0.761
A00507234	<0.001	<0.0005	0.6	<0.001	0.010	0.693
A00507235	<0.001	<0.0005	0.3	<0.001	0.015	0.560
A00507236	<0.001	<0.0005	0.4	<0.001	0.011	0.453
A00507237	<0.001	<0.0005	0.3	<0.001	0.013	0.410
A00507238	<0.001	<0.0005	0.4	<0.001	0.010	0.394
A00507239	<0.001	<0.0005	0.4	<0.001	0.010	0.414
A00507240	0.002	<0.0005	0.3	<0.001	<0.001	0.030
A00507241	<0.001	<0.0005	0.4	<0.001	0.010	0.403
A00507242	<0.001	<0.0005	0.4	<0.001	0.011	0.403
A00507243	<0.001	<0.0005	0.4	<0.001	0.011	0.393
A00507244	<0.001	<0.0005	0.4	<0.001	0.010	0.484

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507245	0.022	<0.0005	3.0	<0.001	0.007	0.118
A00507246	<0.001	<0.0005	0.4	<0.001	0.010	0.413
A00507247	<0.001	<0.0005	0.7	<0.001	0.010	0.394
A00507248	<0.001	<0.0005	0.7	<0.001	0.011	0.406
A00507249	<0.001	<0.0005	0.3	<0.001	0.010	0.405
A00507250	<0.001	<0.0005	0.2	<0.001	0.010	0.406
A00507251	<0.001	<0.0005	0.2	<0.001	0.010	0.418
A00507252	<0.001	<0.0005	0.2	<0.001	0.009	0.408
A00507253	<0.001	<0.0005	0.2	<0.001	0.010	0.450
A00507254	<0.001	<0.0005	0.2	<0.001	0.011	0.453
A00507255	<0.001	<0.0005	0.1	<0.001	0.009	0.507
A00507256	<0.001	<0.0005	0.1	<0.001	0.009	0.477
A00507257	<0.001	<0.0005	0.1	<0.001	0.012	0.499
A00507258	<0.001	<0.0005	0.2	<0.001	0.009	0.535
A00507259	<0.001	<0.0005	<0.1	<0.001	0.010	0.539
A00507260	0.003	<0.0005	0.3	<0.001	<0.001	0.029
A00507261	<0.001	<0.0005	<0.1	<0.001	0.009	0.548
A00507262	<0.001	<0.0005	<0.1	<0.001	0.009	0.502
A00507263	<0.001	<0.0005	<0.1	<0.001	0.010	0.529
A00507264	<0.001	<0.0005	<0.1	<0.001	0.009	0.449
A00507265	<0.001	<0.0005	<0.1	<0.001	0.009	0.418
A00507266	<0.001	<0.0005	<0.1	<0.001	0.010	0.475
A00507267	<0.001	<0.0005	<0.1	<0.001	0.009	0.503
A00507268	<0.001	<0.0005	<0.1	<0.001	0.010	0.535
A00507269	<0.001	<0.0005	<0.1	<0.001	0.009	0.538
A00507270	0.026	<0.0005	5.7	<0.001	0.013	0.025
A00507271	<0.001	<0.0005	<0.1	<0.001	0.012	0.450
A00507272	<0.001	<0.0005	<0.1	<0.001	0.009	0.398
A00507273	<0.001	<0.0005	<0.1	<0.001	0.010	0.427

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)	
Number of Samples	60

ANALYSIS REPORT BBM21-09796

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507274	<0.001	<0.0005	0.9	<0.001	0.009	0.485
A00507275	0.004	<0.0005	10.3	<0.001	0.005	0.022
*Dup A00507254	<0.001	<0.0005	0.2	<0.001	0.011	0.468
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std MP-2a	0.001	<0.0005	3.1	<0.001	<0.001	0.015
*Std OREAS 623	0.145	<0.0005	1.4	0.004	0.022	0.002
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507223	<0.001	<0.0005	0.3	<0.001	0.010	0.916
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507233	<0.001	<0.0005	0.5	<0.001	0.009	0.762
*Std OREAS 927	0.032	<0.0005	0.4	<0.001	0.003	0.007
*Rep A00507248	<0.001	<0.0005	0.7	<0.001	0.010	0.407
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	0.001
*Std OREAS 623	0.139	<0.0005	1.4	0.004	0.022	0.003
*Std MP-2a	0.001	<0.0005	3.0	<0.001	<0.001	0.015

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507216	0.012	6.49	<0.1	<0.001	<0.001	22.86
A00507217	0.012	6.45	<0.1	<0.001	<0.001	22.59
A00507218	0.012	6.74	<0.1	<0.001	<0.001	22.37
A00507219	0.012	6.01	<0.1	<0.001	<0.001	22.82
A00507220	0.012	6.02	<0.1	<0.001	<0.001	22.71
A00507221	0.012	5.50	<0.1	<0.001	<0.001	23.16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507222	0.013	4.63	<0.1	<0.001	<0.001	24.48
A00507223	0.012	5.55	<0.1	<0.001	<0.001	23.62
A00507224	0.012	6.68	<0.1	<0.001	<0.001	22.62
A00507225	<0.001	0.97	3.9	<0.001	0.004	0.23
A00507226	0.013	4.98	<0.1	<0.001	<0.001	23.30
A00507227	0.013	5.54	<0.1	<0.001	<0.001	22.97
A00507228	0.012	6.74	<0.1	<0.001	<0.001	22.65
A00507229	0.012	5.71	<0.1	<0.001	<0.001	23.20
A00507230	0.013	5.49	0.6	0.001	0.003	13.21
A00507231	0.012	6.72	<0.1	<0.001	<0.001	22.92
A00507232	0.012	6.01	<0.1	<0.001	<0.001	23.67
A00507233	0.012	6.28	<0.1	<0.001	<0.001	22.63
A00507234	0.013	6.96	<0.1	<0.001	<0.001	21.65
A00507235	0.012	7.54	<0.1	<0.001	<0.001	22.26
A00507236	0.012	6.00	<0.1	<0.001	<0.001	22.57
A00507237	0.012	6.95	<0.1	<0.001	<0.001	22.62
A00507238	0.013	5.75	<0.1	<0.001	<0.001	22.54
A00507239	0.013	5.73	<0.1	<0.001	<0.001	22.59
A00507240	<0.001	1.05	3.8	<0.001	0.003	0.32
A00507241	0.013	5.90	<0.1	<0.001	<0.001	22.71
A00507242	0.013	6.46	<0.1	<0.001	<0.001	22.24
A00507243	0.013	6.04	<0.1	<0.001	<0.001	23.13
A00507244	0.013	5.26	<0.1	<0.001	<0.001	21.67
A00507245	0.013	5.49	0.6	0.001	0.003	12.91
A00507246	0.012	6.00	<0.1	<0.001	<0.001	22.23
A00507247	0.013	6.33	<0.1	<0.001	<0.001	22.05
A00507248	0.012	6.16	<0.1	<0.001	<0.001	21.76
A00507249	0.014	6.00	<0.1	<0.001	<0.001	22.93
A00507250	0.013	5.70	<0.1	<0.001	<0.001	22.21

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507251	0.013	5.73	<0.1	<0.001	<0.001	22.83
A00507252	0.012	5.82	<0.1	<0.001	<0.001	23.03
A00507253	0.013	5.86	<0.1	<0.001	<0.001	22.92
A00507254	0.012	6.11	<0.1	<0.001	<0.001	23.14
A00507255	0.013	5.59	<0.1	<0.001	<0.001	23.71
A00507256	0.013	5.95	<0.1	<0.001	<0.001	23.37
A00507257	0.013	5.62	<0.1	<0.001	<0.001	23.83
A00507258	0.013	5.71	<0.1	<0.001	<0.001	22.85
A00507259	0.015	5.23	<0.1	<0.001	<0.001	23.46
A00507260	<0.001	0.93	3.9	<0.001	0.003	0.21
A00507261	0.013	5.99	<0.1	<0.001	<0.001	24.59
A00507262	0.014	6.16	<0.1	<0.001	<0.001	23.07
A00507263	0.013	5.00	<0.1	<0.001	<0.001	24.02
A00507264	0.013	5.19	<0.1	<0.001	<0.001	23.61
A00507265	0.018	5.10	<0.1	<0.001	<0.001	24.07
A00507266	0.015	5.04	<0.1	<0.001	<0.001	23.70
A00507267	0.015	5.29	<0.1	<0.001	0.001	23.80
A00507268	0.015	5.29	<0.1	<0.001	<0.001	24.02
A00507269	0.013	5.07	<0.1	<0.001	<0.001	23.82
A00507270	0.035	9.60	0.6	0.001	<0.001	3.82
A00507271	0.013	5.87	<0.1	<0.001	<0.001	23.67
A00507272	0.014	5.07	<0.1	<0.001	<0.001	23.46
A00507273	0.014	5.14	<0.1	<0.001	<0.001	23.25
A00507274	0.013	5.31	<0.1	<0.001	<0.001	22.14
A00507275	0.011	7.69	0.3	<0.001	0.002	4.70
*Dup A00507254	0.013	5.97	<0.1	<0.001	<0.001	22.81
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std MP-2a	0.049	5.12	1.2	0.016	0.009	0.09
*Std OREAS 623	1.756	13.76	1.4	0.002	0.002	1.19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)	
Number of Samples	60

ANALYSIS REPORT BBM21-09796

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507223	0.012	5.49	<0.1	<0.001	<0.001	22.89
*Std OREAS 927	0.999	8.21	1.7	0.003	0.003	2.00
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507233	0.013	6.27	<0.1	<0.001	<0.001	22.71
*Std OREAS 927	1.080	8.48	1.8	0.003	0.003	2.03
*Rep A00507248	0.013	6.15	<0.1	<0.001	<0.001	21.97
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.905	13.86	1.4	0.002	0.002	1.18
*Std MP-2a	0.049	4.97	1.2	0.015	0.009	0.10

Element	Mn	Mo	Ni	P	Pb	Sb
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.005
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507216	0.094	<0.001	0.109	0.01	<0.002	0.006
A00507217	0.098	<0.001	0.120	0.02	<0.002	0.007
A00507218	0.097	<0.001	0.114	0.01	<0.002	0.006
A00507219	0.099	<0.001	0.115	0.01	<0.002	0.006
A00507220	0.098	<0.001	0.116	0.01	<0.002	0.006
A00507221	0.095	<0.001	0.128	<0.01	<0.002	0.006
A00507222	0.095	<0.001	0.112	0.02	<0.002	0.007
A00507223	0.102	<0.001	0.135	0.02	<0.002	0.010
A00507224	0.099	<0.001	0.146	0.02	<0.002	0.009
A00507225	0.014	<0.001	0.003	0.02	<0.002	<0.005
A00507226	0.095	<0.001	0.168	0.01	<0.002	0.007
A00507227	0.097	<0.001	0.158	<0.01	<0.002	0.008

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Mn	Mo	Ni	P	Pb	Sb
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.005
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507228	0.092	<0.001	0.156	<0.01	<0.002	0.009
A00507229	0.094	<0.001	0.149	0.02	<0.002	0.009
A00507230	0.109	<0.001	0.191	0.03	<0.002	<0.005
A00507231	0.094	<0.001	0.139	0.02	<0.002	0.007
A00507232	0.099	<0.001	0.131	0.01	<0.002	0.008
A00507233	0.099	<0.001	0.187	0.02	<0.002	0.009
A00507234	0.089	<0.001	0.166	0.02	<0.002	0.008
A00507235	0.088	<0.001	0.188	<0.01	<0.002	0.007
A00507236	0.094	<0.001	0.209	0.02	<0.002	<0.005
A00507237	0.090	<0.001	0.164	<0.01	<0.002	<0.005
A00507238	0.091	<0.001	0.215	0.03	<0.002	<0.005
A00507239	0.092	<0.001	0.216	0.01	<0.002	<0.005
A00507240	0.015	<0.001	0.003	0.01	<0.002	<0.005
A00507241	0.091	<0.001	0.214	0.02	<0.002	<0.005
A00507242	0.083	<0.001	0.250	0.01	<0.002	<0.005
A00507243	0.093	<0.001	0.218	0.02	<0.002	<0.005
A00507244	0.084	<0.001	0.212	<0.01	<0.002	<0.005
A00507245	0.110	<0.001	0.218	0.04	<0.002	<0.005
A00507246	0.089	<0.001	0.216	0.01	<0.002	<0.005
A00507247	0.093	<0.001	0.198	0.02	<0.002	<0.005
A00507248	0.086	<0.001	0.176	0.02	<0.002	<0.005
A00507249	0.086	<0.001	0.193	0.02	<0.002	<0.005
A00507250	0.082	<0.001	0.200	0.03	<0.002	<0.005
A00507251	0.088	<0.001	0.218	0.02	<0.002	<0.005
A00507252	0.084	<0.001	0.204	0.01	<0.002	0.005
A00507253	0.083	<0.001	0.216	0.04	<0.002	<0.005
A00507254	0.088	<0.001	0.196	0.03	<0.002	<0.005
A00507255	0.086	<0.001	0.209	<0.01	<0.002	0.005
A00507256	0.084	<0.001	0.205	0.02	<0.002	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Mn	Mo	Ni	P	Pb	Sb
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.005
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507257	0.080	<0.001	0.200	0.02	<0.002	<0.005
A00507258	0.078	<0.001	0.198	<0.01	<0.002	<0.005
A00507259	0.082	<0.001	0.221	<0.01	<0.002	<0.005
A00507260	0.014	<0.001	0.002	0.02	<0.002	<0.005
A00507261	0.081	<0.001	0.207	0.01	<0.002	0.006
A00507262	0.077	<0.001	0.227	0.02	<0.002	0.005
A00507263	0.080	<0.001	0.204	0.02	<0.002	0.006
A00507264	0.075	<0.001	0.208	0.02	<0.002	<0.005
A00507265	0.076	<0.001	0.210	0.02	<0.002	<0.005
A00507266	0.080	<0.001	0.230	<0.01	<0.002	<0.005
A00507267	0.080	<0.001	0.223	0.01	<0.002	<0.005
A00507268	0.078	<0.001	0.240	0.02	<0.002	<0.005
A00507269	0.081	<0.001	0.241	0.02	<0.002	0.006
A00507270	0.104	<0.001	0.665	0.15	<0.002	<0.005
A00507271	0.077	<0.001	0.247	0.03	<0.002	<0.005
A00507272	0.074	<0.001	0.243	0.02	<0.002	<0.005
A00507273	0.078	<0.001	0.238	0.01	<0.002	<0.005
A00507274	0.078	<0.001	0.202	0.02	<0.002	0.005
A00507275	0.126	<0.001	0.017	0.05	<0.002	<0.005
*Dup A00507254	0.087	<0.001	0.227	0.02	<0.002	<0.005
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.005
*Std MP-2a	0.104	0.147	0.001	0.02	0.270	<0.005
*Std OREAS 623	0.059	<0.001	0.001	0.06	0.240	<0.005
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.005
*Rep A00507223	0.101	<0.001	0.131	0.02	<0.002	0.010
*Std OREAS 927	0.111	<0.001	0.003	0.07	0.021	<0.005
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.005
*Rep A00507233	0.098	<0.001	0.181	0.01	<0.002	0.009
*Std OREAS 927	0.114	<0.001	0.004	0.07	0.020	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)	
Number of Samples	60

ANALYSIS REPORT BBM21-09796

Element	Mn	Mo	Ni	P	Pb	Sb
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.005
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Rep A00507248	0.088	<0.001	0.184	0.03	<0.002	<0.005
*Blk BLANK	<0.001	<0.001	<0.001	0.02	<0.002	<0.005
*Std OREAS 623	0.056	<0.001	0.002	0.05	0.233	<0.005
*Std MP-2a	0.098	0.157	<0.001	0.02	0.250	<0.005

Element	Sc	Si	Sn	Sr	Ti	V
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.0005	0.1	0.005	0.001	0.01	0.001
Upper Limit	5	30	5	0.5	25	5
Unit	%	%	%	%	%	%
A00507216	0.0009	17.2	<0.005	<0.001	0.04	0.004
A00507217	0.0009	17.0	<0.005	<0.001	0.05	0.004
A00507218	0.0009	16.7	<0.005	<0.001	0.04	0.003
A00507219	0.0009	16.8	<0.005	<0.001	0.04	0.002
A00507220	0.0009	16.5	<0.005	<0.001	0.06	0.002
A00507221	0.0008	16.7	<0.005	<0.001	0.04	0.003
A00507222	0.0008	17.3	<0.005	<0.001	0.05	0.003
A00507223	0.0008	16.7	<0.005	<0.001	0.05	0.004
A00507224	0.0007	16.0	<0.005	<0.001	0.05	0.003
A00507225	<0.0005	26.7	<0.005	0.003	<0.01	<0.001
A00507226	0.0008	16.7	<0.005	<0.001	0.04	0.004
A00507227	0.0008	16.2	<0.005	<0.001	0.04	0.003
A00507228	0.0008	16.2	<0.005	<0.001	0.06	0.003
A00507229	0.0008	16.7	<0.005	<0.001	0.04	0.004
A00507230	0.0012	21.6	<0.005	0.007	0.17	0.005
A00507231	0.0007	16.5	<0.005	<0.001	0.05	0.003
A00507232	0.0007	16.8	<0.005	<0.001	0.06	0.003
A00507233	0.0007	16.4	<0.005	<0.001	0.05	0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Sc	Si	Sn	Sr	Ti	V
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.0005	0.1	0.005	0.001	0.01	0.001
Upper Limit	5	30	5	0.5	25	5
Unit	%	%	%	%	%	%
A00507234	0.0008	15.9	<0.005	<0.001	0.06	0.005
A00507235	0.0007	16.1	<0.005	<0.001	0.04	0.002
A00507236	0.0007	16.4	<0.005	<0.001	0.04	0.003
A00507237	0.0007	16.3	<0.005	<0.001	0.04	0.002
A00507238	0.0008	16.3	<0.005	<0.001	0.04	0.002
A00507239	0.0008	16.2	<0.005	<0.001	0.03	0.001
A00507240	<0.0005	26.2	<0.005	0.003	<0.01	<0.001
A00507241	0.0009	15.7	<0.005	<0.001	0.03	0.002
A00507242	0.0008	16.2	<0.005	<0.001	0.03	0.003
A00507243	0.0008	16.5	<0.005	<0.001	0.03	0.002
A00507244	0.0008	15.5	<0.005	<0.001	0.03	0.002
A00507245	0.0011	21.7	<0.005	0.007	0.17	0.006
A00507246	0.0007	16.4	<0.005	<0.001	0.04	0.003
A00507247	0.0009	17.0	<0.005	<0.001	0.06	0.003
A00507248	0.0009	17.0	<0.005	<0.001	0.06	0.004
A00507249	0.0008	16.7	<0.005	<0.001	0.04	0.002
A00507250	0.0008	16.2	<0.005	<0.001	0.06	0.002
A00507251	0.0008	16.1	<0.005	<0.001	0.03	0.002
A00507252	0.0007	16.5	<0.005	<0.001	0.04	0.002
A00507253	0.0007	16.3	<0.005	<0.001	0.03	0.003
A00507254	0.0007	16.4	<0.005	<0.001	0.03	0.002
A00507255	0.0007	16.3	<0.005	<0.001	0.03	0.002
A00507256	0.0006	16.4	<0.005	<0.001	0.04	0.002
A00507257	0.0006	16.4	<0.005	<0.001	0.04	0.002
A00507258	0.0007	16.7	<0.005	<0.001	0.04	0.002
A00507259	0.0006	16.2	<0.005	<0.001	0.03	<0.001
A00507260	<0.0005	27.0	<0.005	0.003	<0.01	<0.001
A00507261	0.0005	17.0	<0.005	<0.001	0.03	0.002
A00507262	<0.0005	16.5	<0.005	<0.001	0.03	0.002

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	Sc	Si	Sn	Sr	Ti	V
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.0005	0.1	0.005	0.001	0.01	0.001
Upper Limit	5	30	5	0.5	25	5
Unit	%	%	%	%	%	%
A00507263	0.0006	16.3	<0.005	<0.001	0.03	0.002
A00507264	0.0006	16.3	<0.005	<0.001	0.03	0.001
A00507265	0.0006	16.5	<0.005	<0.001	0.03	0.001
A00507266	0.0006	16.0	<0.005	<0.001	0.03	<0.001
A00507267	0.0006	16.2	<0.005	<0.001	0.03	<0.001
A00507268	0.0006	16.3	<0.005	<0.001	0.05	<0.001
A00507269	0.0006	16.1	<0.005	<0.001	0.03	0.002
A00507270	0.0019	22.6	<0.005	0.037	1.00	0.012
A00507271	0.0006	16.2	<0.005	<0.001	0.04	0.001
A00507272	0.0006	16.1	<0.005	<0.001	0.04	0.002
A00507273	0.0006	16.1	<0.005	<0.001	0.03	0.001
A00507274	0.0008	16.9	<0.005	<0.001	0.07	0.004
A00507275	0.0031	19.8	<0.005	0.015	0.44	0.019
*Dup A00507254	0.0007	16.1	<0.005	<0.001	0.03	0.003
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Std MP-2a	0.0006	>30.0	0.053	0.001	0.03	<0.001
*Std OREAS 623	0.0008	23.0	<0.005	0.009	0.15	<0.001
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Rep A00507223	0.0008	16.4	<0.005	<0.001	0.05	0.004
*Std OREAS 927	0.0010	27.1	<0.005	0.003	0.31	0.005
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Rep A00507233	0.0007	16.2	<0.005	<0.001	0.05	0.003
*Std OREAS 927	0.0010	27.9	<0.005	0.003	0.32	0.006
*Rep A00507248	0.0009	17.2	<0.005	<0.001	0.06	0.003
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Std OREAS 623	0.0007	21.9	<0.005	0.008	0.14	<0.001
*Std MP-2a	0.0006	>30.0	0.049	0.001	0.03	<0.001

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	W	Y	Zn	Bulk Density	@S	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V	GE_ICP90A50
Lower Limit	0.005	0.0005	0.001	1	0.005	0.01
Upper Limit	4	2.5	5	--	30	10
Unit	%	%	%	g / cm³	%	%
A00507216	<0.005	<0.0005	0.004	-	0.066	-
A00507217	<0.005	<0.0005	0.005	-	0.049	-
A00507218	<0.005	<0.0005	0.005	-	0.078	-
A00507219	<0.005	<0.0005	0.004	-	0.042	-
A00507220	<0.005	<0.0005	0.004	-	0.043	-
A00507221	<0.005	<0.0005	0.004	-	0.050	-
A00507222	<0.005	<0.0005	0.005	-	0.051	-
A00507223	<0.005	<0.0005	0.005	-	0.050	-
A00507224	<0.005	<0.0005	0.004	-	0.053	-
A00507225	<0.005	<0.0005	0.001	-	<0.005	-
A00507226	<0.005	<0.0005	0.004	-	0.059	-
A00507227	<0.005	<0.0005	0.003	-	0.065	-
A00507228	<0.005	<0.0005	0.004	-	0.064	-
A00507229	<0.005	<0.0005	0.005	-	0.066	-
A00507230	<0.005	0.0009	0.011	-	0.327	-
A00507231	<0.005	<0.0005	0.004	-	0.017	-
A00507232	<0.005	<0.0005	0.006	-	0.015	-
A00507233	<0.005	<0.0005	0.006	-	0.015	-
A00507234	<0.005	<0.0005	0.004	-	0.019	-
A00507235	<0.005	<0.0005	0.005	2.65	0.022	-
A00507236	<0.005	<0.0005	0.004	-	0.066	-
A00507237	<0.005	<0.0005	0.004	-	0.070	-
A00507238	<0.005	<0.0005	0.004	-	0.071	-
A00507239	<0.005	<0.0005	0.004	-	0.109	-
A00507240	<0.005	<0.0005	0.001	-	0.006	-
A00507241	<0.005	<0.0005	0.004	-	0.075	-
A00507242	<0.005	<0.0005	0.004	-	0.072	-
A00507243	<0.005	<0.0005	0.005	-	0.115	-
A00507244	<0.005	<0.0005	0.004	-	0.073	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	W	Y	Zn	Bulk Density	@S	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V	GE_ICP90A50
Lower Limit	0.005	0.0005	0.001	1	0.005	0.01
Upper Limit	4	2.5	5	--	30	10
Unit	%	%	%	g / cm³	%	%
A00507245	<0.005	0.0009	0.013	-	0.321	-
A00507246	<0.005	<0.0005	0.004	-	0.081	-
A00507247	<0.005	<0.0005	0.004	-	0.074	-
A00507248	<0.005	<0.0005	0.004	-	0.079	-
A00507249	<0.005	<0.0005	0.004	-	0.082	-
A00507250	<0.005	<0.0005	0.004	-	0.126	-
A00507251	<0.005	<0.0005	0.004	-	0.082	-
A00507252	<0.005	<0.0005	0.004	-	0.086	-
A00507253	<0.005	<0.0005	0.004	-	0.087	-
A00507254	<0.005	<0.0005	0.004	-	0.038	-
A00507255	<0.005	<0.0005	0.004	-	0.083	-
A00507256	<0.005	<0.0005	0.004	-	0.053	-
A00507257	<0.005	<0.0005	0.004	-	0.051	-
A00507258	<0.005	<0.0005	0.004	-	0.050	-
A00507259	<0.005	<0.0005	0.003	-	0.043	-
A00507260	<0.005	<0.0005	0.003	-	0.008	-
A00507261	<0.005	<0.0005	0.004	-	0.058	-
A00507262	<0.005	<0.0005	0.003	-	0.052	-
A00507263	<0.005	<0.0005	0.004	-	0.116	-
A00507264	<0.005	<0.0005	0.003	-	0.045	-
A00507265	<0.005	<0.0005	0.003	-	0.042	-
A00507266	<0.005	<0.0005	0.004	-	0.043	-
A00507267	<0.005	<0.0005	0.004	-	0.044	-
A00507268	<0.005	<0.0005	0.004	-	0.061	-
A00507269	<0.005	<0.0005	0.004	-	0.057	-
A00507270	<0.005	0.0019	0.011	-	1.723	-
A00507271	<0.005	<0.0005	0.003	-	0.075	-
A00507272	<0.005	<0.0005	0.003	-	0.056	-
A00507273	<0.005	<0.0005	0.003	2.64	0.086	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)
Number of Samples 60

ANALYSIS REPORT BBM21-09796

Element	W	Y	Zn	Bulk Density	@S	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V	GE_ICP90A50
Lower Limit	0.005	0.0005	0.001	1	0.005	0.01
Upper Limit	4	2.5	5	--	30	10
Unit	%	%	%	g / cm³	%	%
A00507274	<0.005	<0.0005	0.003	-	0.174	-
A00507275	<0.005	0.0014	0.008	-	0.033	-
*Dup A00507254	<0.005	<0.0005	0.004	-	0.039	-
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Std MP-2a	0.334	0.0219	0.572	-	-	0.67
*Std OREAS 623	<0.005	0.0017	1.036	-	-	9.64
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Rep A00507223	<0.005	<0.0005	0.005	-	-	<0.01
*Std OREAS 927	<0.005	0.0021	0.073	-	-	1.74
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Rep A00507233	<0.005	<0.0005	0.005	-	-	<0.01
*Std OREAS 927	<0.005	0.0022	0.071	-	-	1.76
*Rep A00507248	<0.005	<0.0005	0.004	-	-	<0.01
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Std OREAS 623	<0.005	0.0016	1.006	-	-	9.62
*Std MP-2a	0.318	0.0217	0.595	-	-	0.62
*Rep A00507254	-	-	-	-	0.043	-
*Blk BLANK	-	-	-	-	0.006	-
*Std GS314-2	-	-	-	-	2.539	-
*Std GS314-2	-	-	-	-	2.506	-
*Blk BLANK	-	-	-	-	<0.005	-
*Blk BLANK	-	-	-	-	0.005	-
*Rep A00507224	-	-	-	-	0.062	-
*Std GS314-2	-	-	-	-	2.509	-
*Std GS314-2	-	-	-	-	2.526	-
*Blk BLANK	-	-	-	-	<0.005	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A014 /
455 Core (336-395)	
Number of Samples	60

ANALYSIS REPORT BBM21-09796

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.

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ANALYSIS REPORT BBM21-09797

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	25-May-2021
Project	MACDIARMID	Date Analysed	02-Jun-2021 - 27-Dec-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /	Date Completed	27-Dec-2021
455 Core (396-455)		SGS Order Number	BBM21-09797
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
58	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
1	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
60	GE_CSA06V	Total Sulphur and Carbon, IR Combustion

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)	
Number of Samples	60

ANALYSIS REPORT BBM21-09797

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507276	3.62	<5	<10	<5	8.52	<0.003
A00507277	3.34	<5	<10	<5	8.33	<0.003
A00507278	3.85	<5	<10	<5	8.90	<0.003
A00507279	3.57	<5	<10	<5	8.59	<0.003
A00507280	-	<5	<10	<5	8.60	<0.003
A00507281	3.71	<5	<10	<5	8.11	<0.003
A00507282	4.48	<5	<10	<5	7.63	<0.003
A00507283	4.18	<5	<10	<5	7.03	<0.003
A00507284	4.17	<5	<10	<5	0.74	<0.003
A00507285	0.08	16	<10	12	3.70	0.014
A00507286	3.63	<5	<10	<5	0.68	<0.003
A00507287	3.77	<5	<10	<5	0.75	<0.003
A00507288	2.90	<5	<10	<5	0.66	<0.003
A00507289	3.18	<5	<10	<5	0.66	<0.003
A00507290	0.13	<5	<10	<5	11.85	<0.003
A00507291	3.38	<5	<10	<5	0.76	<0.003
A00507292	3.10	<5	<10	<5	0.56	<0.003
A00507293	2.84	<5	<10	<5	0.57	<0.003
A00507294	2.93	<5	<10	<5	0.77	<0.003
A00507295	3.49	8	<10	6	0.68	<0.003
A00507296	4.20	<5	<10	<5	0.62	<0.003
A00507297	3.09	<5	<10	<5	0.55	<0.003
A00507298	3.09	<5	<10	<5	0.43	<0.003
A00507299	3.22	<5	<10	<5	0.45	<0.003
A00507300	0.08	10	<10	10	3.59	0.016
A00507301	3.30	<5	<10	<5	0.45	<0.003
A00507302	3.07	<5	<10	<5	0.37	<0.003
A00507303	3.11	<5	<10	<5	0.35	<0.003
A00507304	3.17	<5	<10	<5	0.42	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)	
Number of Samples	60

ANALYSIS REPORT BBM21-09797

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507305	0.13	<5	<10	<5	11.71	<0.003
A00507306	3.14	<5	<10	<5	0.38	<0.003
A00507307	2.80	<5	<10	<5	0.56	<0.003
A00507308	3.40	<5	<10	<5	0.43	<0.003
A00507309	3.45	<5	<10	<5	0.41	<0.003
A00507310	-	<5	<10	<5	0.42	<0.003
A00507311	2.93	<5	<10	<5	0.36	<0.003
A00507312	3.73	<5	<10	<5	0.46	<0.003
A00507313	3.58	<5	<10	<5	0.34	<0.003
A00507314	3.01	<5	<10	<5	0.35	<0.003
A00507315	2.98	<5	<10	<5	0.42	<0.003
A00507316	3.35	<5	40	<5	0.52	<0.003
A00507317	3.24	<5	30	7	0.58	<0.003
A00507318	3.46	<5	90	<5	0.53	<0.003
A00507319	3.14	<5	20	<5	0.54	<0.003
A00507320	0.13	<5	<10	<5	11.48	<0.003
A00507321	3.12	<5	<10	<5	0.52	<0.003
A00507322	2.98	<5	10	<5	0.55	<0.003
A00507323	2.68	<5	40	<5	0.52	<0.003
A00507324	3.28	<5	<10	<5	0.53	<0.003
A00507325	0.09	10	<10	10	3.61	0.015
A00507326	2.59	<5	<10	<5	0.51	<0.003
A00507327	3.10	<5	<10	<5	0.50	<0.003
A00507328	3.24	<5	<10	<5	0.47	<0.003
A00507329	3.08	<5	<10	<5	0.46	<0.003
A00507330	-	<5	<10	<5	0.46	<0.003
A00507331	3.78	<5	<10	<5	0.47	<0.003
A00507332	3.92	<5	<10	<5	0.55	<0.003
A00507333	3.17	<5	<10	<5	0.55	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507334	3.15	<5	<10	<5	0.47	<0.003
A00507335	3.37	5	<10	<5	0.51	<0.003
*Dup A00507314	-	<5	<10	<5	0.36	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507328	-	-	-	-	0.46	<0.003
*Std OREAS 927	-	-	-	-	6.48	<0.003
*Std OREAS 623	-	-	-	-	5.07	0.011
*Std MP-2a	-	-	-	-	6.08	0.588
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 927	-	-	-	-	6.14	<0.003
*Std OREAS 623	-	-	-	-	4.90	0.009
*Std MP-2a	-	-	-	-	5.66	0.551
*Rep A00507312	-	-	-	-	0.44	<0.003
*Rep A00507312	-	-	-	-	0.46	<0.003
*Std OREAS 45f	-	21	40	60	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	54	530	247	-	-
*Rep A00507277	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	172	420	228	-	-
*Rep A00507304	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	53	520	240	-	-
*Rep A00507326	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	157	380	209	-	-
*Std OREAS 45f	-	20	40	57	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)	
Number of Samples	60

ANALYSIS REPORT BBM21-09797

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
*Std OREAS 927	-	-	-	-	6.48	0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 623	-	-	-	-	5.11	0.009
*Std MP-2a	-	-	-	-	6.04	0.551

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507276	0.012	<0.0005	7.3	<0.001	0.005	0.020
A00507277	0.026	<0.0005	7.4	<0.001	0.005	0.023
A00507278	0.016	<0.0005	7.7	<0.001	0.005	0.020
A00507279	0.010	<0.0005	7.8	<0.001	0.005	0.019
A00507280	0.010	<0.0005	7.5	<0.001	0.005	0.023
A00507281	0.006	<0.0005	10.1	<0.001	0.005	0.018
A00507282	0.001	<0.0005	14.3	<0.001	0.004	0.012
A00507283	<0.001	<0.0005	14.8	<0.001	0.004	0.019
A00507284	<0.001	<0.0005	<0.1	<0.001	0.012	0.558
A00507285	0.020	<0.0005	3.0	<0.001	0.007	0.115
A00507286	<0.001	<0.0005	<0.1	<0.001	0.009	0.600
A00507287	<0.001	<0.0005	<0.1	<0.001	0.011	0.550
A00507288	<0.001	<0.0005	<0.1	<0.001	0.009	0.403
A00507289	<0.001	<0.0005	<0.1	<0.001	0.010	0.384
A00507290	0.002	<0.0005	0.3	<0.001	<0.001	0.011
A00507291	<0.001	<0.0005	<0.1	<0.001	0.010	0.398
A00507292	<0.001	<0.0005	<0.1	<0.001	0.010	0.599
A00507293	<0.001	<0.0005	<0.1	<0.001	0.009	0.532

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507294	<0.001	<0.0005	<0.1	<0.001	0.014	0.418
A00507295	<0.001	<0.0005	<0.1	<0.001	0.012	0.424
A00507296	<0.001	<0.0005	<0.1	<0.001	0.014	0.472
A00507297	<0.001	<0.0005	<0.1	<0.001	0.012	0.427
A00507298	<0.001	<0.0005	<0.1	<0.001	0.008	0.300
A00507299	<0.001	<0.0005	<0.1	<0.001	0.010	0.240
A00507300	0.020	<0.0005	3.1	<0.001	0.007	0.121
A00507301	<0.001	<0.0005	<0.1	<0.001	0.011	0.238
A00507302	<0.001	<0.0005	<0.1	<0.001	0.009	0.185
A00507303	<0.001	<0.0005	<0.1	<0.001	0.009	0.186
A00507304	<0.001	<0.0005	<0.1	<0.001	0.012	0.185
A00507305	0.002	<0.0005	0.3	<0.001	<0.001	0.012
A00507306	<0.001	<0.0005	<0.1	<0.001	0.012	0.244
A00507307	<0.001	<0.0005	<0.1	<0.001	0.009	0.189
A00507308	<0.001	<0.0005	<0.1	<0.001	0.009	0.193
A00507309	<0.001	<0.0005	<0.1	<0.001	0.010	0.195
A00507310	<0.001	<0.0005	<0.1	<0.001	0.009	0.179
A00507311	<0.001	<0.0005	<0.1	<0.001	0.009	0.184
A00507312	<0.001	<0.0005	<0.1	<0.001	0.011	0.169
A00507313	<0.001	<0.0005	<0.1	<0.001	0.009	0.167
A00507314	<0.001	<0.0005	<0.1	<0.001	0.009	0.179
A00507315	<0.001	<0.0005	<0.1	<0.001	0.009	0.271
A00507316	<0.001	<0.0005	<0.1	<0.001	0.008	0.360
A00507317	<0.001	<0.0005	<0.1	<0.001	0.009	0.401
A00507318	<0.001	<0.0005	<0.1	<0.001	0.009	0.362
A00507319	<0.001	<0.0005	<0.1	<0.001	0.009	0.437
A00507320	0.002	<0.0005	0.3	<0.001	<0.001	0.034
A00507321	<0.001	<0.0005	<0.1	<0.001	0.009	0.403
A00507322	<0.001	<0.0005	0.1	<0.001	0.009	0.444

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)	
Number of Samples	60

ANALYSIS REPORT BBM21-09797

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507323	<0.001	<0.0005	<0.1	<0.001	0.009	0.387
A00507324	<0.001	<0.0005	<0.1	<0.001	0.009	0.428
A00507325	0.020	<0.0005	3.0	<0.001	0.007	0.123
A00507326	<0.001	<0.0005	<0.1	<0.001	0.010	0.378
A00507327	<0.001	<0.0005	<0.1	<0.001	0.010	0.402
A00507328	<0.001	<0.0005	0.1	<0.001	0.009	0.338
A00507329	<0.001	<0.0005	0.1	<0.001	0.009	0.330
A00507330	<0.001	<0.0005	0.1	<0.001	0.009	0.354
A00507331	<0.001	<0.0005	0.4	<0.001	0.008	0.407
A00507332	<0.001	<0.0005	<0.1	<0.001	0.011	0.437
A00507333	<0.001	<0.0005	<0.1	<0.001	0.010	0.414
A00507334	<0.001	<0.0005	0.1	<0.001	0.009	0.413
A00507335	<0.001	<0.0005	<0.1	<0.001	0.010	0.397
*Dup A00507314	<0.001	<0.0005	<0.1	<0.001	0.009	0.180
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507328	<0.001	<0.0005	<0.1	<0.001	0.009	0.343
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Std OREAS 623	0.134	<0.0005	1.4	0.004	0.022	0.003
*Std MP-2a	0.001	<0.0005	3.2	<0.001	<0.001	0.016
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.030	<0.0005	0.4	<0.001	0.003	0.007
*Std OREAS 623	0.133	<0.0005	1.4	0.004	0.021	0.003
*Std MP-2a	0.001	<0.0005	3.0	<0.001	<0.001	0.014
*Rep A00507312	<0.001	<0.0005	<0.1	<0.001	0.011	0.163
*Rep A00507312	<0.001	<0.0005	<0.1	<0.001	0.011	0.166
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 927	0.032	<0.0005	0.4	<0.001	0.003	0.007
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	0.001

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
*Std OREAS 623	0.139	<0.0005	1.4	0.004	0.022	0.003
*Std MP-2a	0.001	<0.0005	3.0	<0.001	<0.001	0.015

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507276	0.012	8.25	0.4	<0.001	0.002	4.87
A00507277	0.012	8.18	0.8	<0.001	0.002	4.79
A00507278	0.011	7.93	0.8	<0.001	0.002	5.11
A00507279	0.008	8.18	0.4	<0.001	0.003	5.49
A00507280	0.009	8.18	0.4	<0.001	0.002	5.47
A00507281	0.012	7.87	0.2	<0.001	0.002	4.84
A00507282	0.004	6.74	<0.1	<0.001	0.002	4.43
A00507283	0.007	7.28	<0.1	<0.001	0.004	5.26
A00507284	0.014	6.07	<0.1	<0.001	<0.001	23.47
A00507285	0.013	5.65	0.6	0.001	0.004	13.69
A00507286	0.013	6.18	<0.1	<0.001	<0.001	23.18
A00507287	0.014	4.89	<0.1	<0.001	<0.001	24.16
A00507288	0.012	5.05	<0.1	<0.001	<0.001	23.82
A00507289	0.014	5.42	<0.1	<0.001	<0.001	24.23
A00507290	<0.001	0.66	3.9	<0.001	0.003	0.07
A00507291	0.013	5.55	<0.1	<0.001	<0.001	23.87
A00507292	0.013	5.11	<0.1	<0.001	<0.001	23.98
A00507293	0.013	5.07	<0.1	<0.001	<0.001	23.94
A00507294	0.013	6.57	<0.1	<0.001	<0.001	23.24
A00507295	0.013	6.15	<0.1	<0.001	<0.001	24.12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507296	0.013	5.03	<0.1	<0.001	<0.001	24.02
A00507297	0.013	5.44	<0.1	<0.001	<0.001	23.54
A00507298	0.014	4.36	<0.1	<0.001	<0.001	24.26
A00507299	0.013	5.98	<0.1	<0.001	<0.001	24.64
A00507300	0.014	5.56	0.6	0.001	0.004	13.11
A00507301	0.014	5.33	<0.1	<0.001	<0.001	24.42
A00507302	0.015	5.13	<0.1	<0.001	<0.001	24.80
A00507303	0.014	5.44	<0.1	<0.001	<0.001	25.00
A00507304	0.015	4.94	<0.1	<0.001	<0.001	24.27
A00507305	<0.001	0.69	3.9	<0.001	0.003	0.06
A00507306	0.015	5.05	<0.1	<0.001	<0.001	24.53
A00507307	0.014	4.75	<0.1	<0.001	<0.001	24.62
A00507308	0.015	5.09	<0.1	<0.001	<0.001	24.47
A00507309	0.014	5.08	<0.1	<0.001	<0.001	24.05
A00507310	0.013	5.31	<0.1	<0.001	<0.001	24.27
A00507311	0.015	4.37	<0.1	<0.001	<0.001	24.84
A00507312	0.015	6.77	<0.1	<0.001	<0.001	23.25
A00507313	0.017	4.96	<0.1	<0.001	<0.001	24.73
A00507314	0.014	5.04	<0.1	<0.001	<0.001	24.28
A00507315	0.015	5.28	<0.1	<0.001	<0.001	24.53
A00507316	0.014	5.22	<0.1	<0.001	0.001	24.58
A00507317	0.014	5.46	<0.1	<0.001	<0.001	24.41
A00507318	0.014	6.74	<0.1	<0.001	<0.001	23.42
A00507319	0.014	4.79	<0.1	<0.001	<0.001	23.86
A00507320	<0.001	0.95	3.9	<0.001	0.003	0.18
A00507321	0.015	6.02	<0.1	<0.001	<0.001	23.43
A00507322	0.015	4.98	<0.1	<0.001	<0.001	24.17
A00507323	0.015	5.08	<0.1	<0.001	<0.001	24.31
A00507324	0.015	5.03	<0.1	<0.001	<0.001	24.11

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)	
Number of Samples	60

ANALYSIS REPORT BBM21-09797

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507325	0.014	5.52	0.6	0.001	0.003	13.03
A00507326	0.013	5.10	<0.1	<0.001	<0.001	23.78
A00507327	0.011	4.76	<0.1	<0.001	<0.001	23.58
A00507328	0.012	4.85	<0.1	<0.001	<0.001	24.56
A00507329	0.012	5.74	<0.1	<0.001	<0.001	23.69
A00507330	0.012	5.50	<0.1	<0.001	<0.001	23.62
A00507331	0.011	4.81	<0.1	<0.001	<0.001	23.40
A00507332	0.012	4.60	<0.1	<0.001	<0.001	23.23
A00507333	0.012	5.14	<0.1	<0.001	<0.001	23.65
A00507334	0.012	4.68	<0.1	<0.001	<0.001	23.49
A00507335	0.013	4.95	<0.1	<0.001	<0.001	23.30
*Dup A00507314	0.015	5.15	<0.1	<0.001	<0.001	24.27
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507328	0.012	4.70	<0.1	<0.001	<0.001	23.84
*Std OREAS 927	1.102	8.28	1.8	0.004	0.004	2.05
*Std OREAS 623	1.760	13.40	1.5	0.002	0.002	1.18
*Std MP-2a	0.048	4.98	1.3	0.015	0.010	0.10
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.089	8.59	1.8	0.003	0.004	2.14
*Std OREAS 623	1.694	13.84	1.5	0.002	0.002	1.20
*Std MP-2a	0.047	4.99	1.2	0.016	0.009	0.09
*Rep A00507312	0.015	6.64	<0.1	<0.001	<0.001	23.35
*Rep A00507312	0.014	6.77	<0.1	<0.001	<0.001	23.64
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 927	1.080	8.48	1.8	0.003	0.003	2.03
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 623	1.905	13.86	1.4	0.002	0.002	1.18
*Std MP-2a	0.049	4.97	1.2	0.015	0.009	0.10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507276	0.131	<0.001	0.016	0.04	<0.002	<0.05
A00507277	0.130	<0.001	0.015	0.03	<0.002	<0.05
A00507278	0.120	<0.001	0.020	0.03	<0.002	<0.05
A00507279	0.119	<0.001	0.020	0.02	<0.002	<0.05
A00507280	0.120	<0.001	0.020	0.03	<0.002	<0.05
A00507281	0.118	<0.001	0.017	0.04	<0.002	<0.05
A00507282	0.125	<0.001	0.014	0.03	<0.002	<0.05
A00507283	0.156	<0.001	0.014	0.04	<0.002	<0.05
A00507284	0.064	<0.001	0.206	0.02	<0.002	0.06
A00507285	0.112	<0.001	0.188	0.06	<0.002	0.23
A00507286	0.067	<0.001	0.198	<0.01	<0.002	<0.05
A00507287	0.076	<0.001	0.230	<0.01	<0.002	<0.05
A00507288	0.068	<0.001	0.244	0.01	<0.002	<0.05
A00507289	0.075	<0.001	0.202	0.02	<0.002	<0.05
A00507290	0.011	<0.001	<0.001	0.01	<0.002	<0.05
A00507291	0.076	<0.001	0.217	<0.01	<0.002	<0.05
A00507292	0.077	<0.001	0.236	0.02	<0.002	<0.05
A00507293	0.077	<0.001	0.240	0.01	<0.002	<0.05
A00507294	0.067	<0.001	0.210	<0.01	<0.002	<0.05
A00507295	0.076	<0.001	0.265	0.02	<0.002	<0.05
A00507296	0.079	<0.001	0.246	<0.01	<0.002	<0.05
A00507297	0.078	<0.001	0.260	0.02	<0.002	<0.05
A00507298	0.075	<0.001	0.263	0.01	<0.002	<0.05
A00507299	0.070	<0.001	0.240	0.04	<0.002	<0.05
A00507300	0.112	<0.001	0.205	0.04	<0.002	0.24
A00507301	0.069	<0.001	0.296	0.01	<0.002	<0.05
A00507302	0.073	<0.001	0.309	<0.01	<0.002	<0.05
A00507303	0.076	<0.001	0.298	0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507304	0.070	<0.001	0.288	0.02	<0.002	<0.05
A00507305	0.011	<0.001	<0.001	0.01	<0.002	<0.05
A00507306	0.070	<0.001	0.298	0.03	<0.002	<0.05
A00507307	0.077	<0.001	0.273	0.02	<0.002	<0.05
A00507308	0.082	<0.001	0.268	0.02	<0.002	<0.05
A00507309	0.075	<0.001	0.267	0.01	<0.002	<0.05
A00507310	0.072	<0.001	0.255	<0.01	<0.002	<0.05
A00507311	0.074	<0.001	0.262	<0.01	<0.002	<0.05
A00507312	0.080	<0.001	0.240	0.01	<0.002	<0.05
A00507313	0.075	<0.001	0.277	0.01	<0.002	<0.05
A00507314	0.074	<0.001	0.317	<0.01	<0.002	<0.05
A00507315	0.076	<0.001	0.279	0.01	<0.002	<0.05
A00507316	0.076	<0.001	0.269	<0.01	<0.002	<0.05
A00507317	0.077	<0.001	0.263	<0.01	<0.002	<0.05
A00507318	0.077	<0.001	0.251	<0.01	<0.002	<0.05
A00507319	0.076	<0.001	0.249	<0.01	<0.002	<0.05
A00507320	0.013	<0.001	0.002	0.02	<0.002	<0.05
A00507321	0.077	<0.001	0.231	0.02	<0.002	<0.05
A00507322	0.078	<0.001	0.233	0.02	<0.002	<0.05
A00507323	0.078	<0.001	0.240	<0.01	<0.002	<0.05
A00507324	0.079	<0.001	0.256	<0.01	<0.002	<0.05
A00507325	0.109	<0.001	0.215	0.03	<0.002	0.25
A00507326	0.078	<0.001	0.242	0.01	<0.002	<0.05
A00507327	0.077	<0.001	0.243	0.01	<0.002	<0.05
A00507328	0.081	<0.001	0.240	0.02	<0.002	<0.05
A00507329	0.081	<0.001	0.225	<0.01	<0.002	<0.05
A00507330	0.081	<0.001	0.239	<0.01	<0.002	<0.05
A00507331	0.081	<0.001	0.235	0.01	<0.002	<0.05
A00507332	0.070	<0.001	0.236	0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507333	0.077	<0.001	0.252	0.01	<0.002	<0.05
A00507334	0.078	<0.001	0.220	<0.01	<0.002	<0.05
A00507335	0.076	<0.001	0.241	0.01	<0.002	<0.05
*Dup A00507314	0.074	<0.001	0.321	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507328	0.079	<0.001	0.242	0.02	<0.002	<0.01
*Std OREAS 927	0.115	<0.001	0.004	0.07	0.023	1.77
*Std OREAS 623	0.058	<0.001	0.002	0.05	0.252	9.65
*Std MP-2a	0.105	0.146	0.002	0.02	0.261	0.64
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 927	0.117	<0.001	0.003	0.06	0.021	1.75
*Std OREAS 623	0.057	<0.001	0.002	0.06	0.236	9.23
*Std MP-2a	0.098	0.153	0.001	0.03	0.268	0.68
*Rep A00507312	0.079	<0.001	0.257	0.01	<0.002	<0.01
*Rep A00507312	0.079	<0.001	0.275	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 927	0.114	<0.001	0.004	0.07	0.020	1.76
*Blk BLANK	<0.001	<0.001	<0.001	0.02	<0.002	<0.05
*Std OREAS 623	0.056	<0.001	0.002	0.05	0.233	9.62
*Std MP-2a	0.098	0.157	<0.001	0.02	0.250	0.62

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507276	<0.005	0.0033	20.6	<0.005	0.018	0.47

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507277	<0.005	0.0034	20.1	<0.005	0.021	0.45
A00507278	<0.005	0.0031	20.4	<0.005	0.012	0.42
A00507279	<0.005	0.0031	20.3	<0.005	0.011	0.42
A00507280	<0.005	0.0031	20.4	<0.005	0.012	0.42
A00507281	<0.005	0.0031	19.7	<0.005	0.008	0.44
A00507282	<0.005	0.0027	19.1	<0.005	0.003	0.36
A00507283	<0.005	0.0030	18.6	<0.005	0.004	0.41
A00507284	0.006	0.0006	16.9	<0.005	<0.001	0.03
A00507285	<0.005	0.0012	22.4	<0.005	0.007	0.18
A00507286	0.006	0.0005	16.1	<0.005	<0.001	0.03
A00507287	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507288	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507289	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507290	<0.005	<0.0005	26.9	<0.005	0.003	<0.01
A00507291	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507292	0.007	0.0006	15.7	<0.005	<0.001	0.03
A00507293	0.005	0.0006	16.0	<0.005	<0.001	0.03
A00507294	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507295	<0.005	0.0006	16.6	<0.005	<0.001	0.03
A00507296	<0.005	0.0006	16.6	<0.005	<0.001	0.03
A00507297	<0.005	0.0006	15.8	<0.005	<0.001	0.03
A00507298	<0.005	0.0006	16.1	<0.005	<0.001	0.02
A00507299	<0.005	0.0005	16.3	<0.005	<0.001	0.03
A00507300	<0.005	0.0012	22.2	<0.005	0.007	0.17
A00507301	<0.005	0.0005	16.5	<0.005	<0.001	0.02
A00507302	<0.005	0.0005	16.1	<0.005	<0.001	0.02
A00507303	<0.005	<0.0005	16.2	<0.005	<0.001	0.03
A00507304	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507305	<0.005	<0.0005	26.6	<0.005	0.003	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507306	<0.005	0.0005	16.2	<0.005	<0.001	0.02
A00507307	<0.005	0.0005	16.6	<0.005	<0.001	0.02
A00507308	<0.005	0.0006	15.9	<0.005	<0.001	0.03
A00507309	<0.005	0.0005	16.3	<0.005	<0.001	0.02
A00507310	<0.005	0.0006	16.3	<0.005	<0.001	0.02
A00507311	<0.005	0.0005	16.4	<0.005	<0.001	0.03
A00507312	<0.005	0.0005	15.7	<0.005	<0.001	0.04
A00507313	<0.005	0.0005	16.2	<0.005	<0.001	0.02
A00507314	<0.005	0.0005	16.0	<0.005	<0.001	0.02
A00507315	<0.005	0.0006	16.3	<0.005	<0.001	0.02
A00507316	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507317	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507318	<0.005	0.0006	16.1	<0.005	<0.001	0.04
A00507319	<0.005	0.0007	15.9	<0.005	<0.001	0.03
A00507320	<0.005	<0.0005	26.4	<0.005	0.003	<0.01
A00507321	<0.005	0.0007	15.7	<0.005	<0.001	0.03
A00507322	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507323	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00507324	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00507325	<0.005	0.0011	21.9	<0.005	0.007	0.18
A00507326	<0.005	0.0006	16.0	<0.005	<0.001	0.04
A00507327	<0.005	0.0006	15.7	<0.005	<0.001	0.03
A00507328	<0.005	0.0006	16.6	<0.005	<0.001	0.02
A00507329	<0.005	0.0006	16.0	<0.005	<0.001	0.02
A00507330	<0.005	0.0006	16.3	<0.005	<0.001	0.02
A00507331	<0.005	0.0006	17.0	<0.005	<0.001	0.03
A00507332	<0.005	0.0006	16.6	<0.005	<0.001	0.03
A00507333	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507334	<0.005	0.0006	16.7	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507335	<0.005	0.0006	16.2	<0.005	<0.001	0.03
*Dup A00507314	<0.005	0.0005	15.9	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507328	<0.005	0.0006	16.2	<0.005	<0.001	0.02
*Std OREAS 927	<0.005	0.0011	28.4	<0.005	0.003	0.34
*Std OREAS 623	<0.005	0.0008	22.3	<0.005	0.009	0.15
*Std MP-2a	<0.005	0.0006	>30.0	0.050	0.002	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	28.4	<0.005	0.003	0.34
*Std OREAS 623	<0.005	0.0008	22.3	<0.005	0.009	0.15
*Std MP-2a	<0.005	0.0006	>30.0	0.050	0.001	0.03
*Rep A00507312	<0.005	0.0006	15.4	<0.005	<0.001	0.02
*Rep A00507312	<0.005	0.0006	15.8	<0.005	<0.001	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 927	<0.005	0.0010	27.9	<0.005	0.003	0.32
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 623	<0.005	0.0007	21.9	<0.005	0.008	0.14
*Std MP-2a	<0.005	0.0006	>30.0	0.049	0.001	0.03

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507276	0.022	<0.005	0.0015	0.008	-	0.115
A00507277	0.020	<0.005	0.0014	0.008	-	0.126
A00507278	0.019	<0.005	0.0013	0.007	-	0.091

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507279	0.018	<0.005	0.0013	0.007	-	0.042
A00507280	0.019	<0.005	0.0013	0.006	-	0.044
A00507281	0.019	<0.005	0.0014	0.006	-	0.062
A00507282	0.016	<0.005	0.0012	0.005	-	0.032
A00507283	0.019	<0.005	0.0013	0.005	-	0.046
A00507284	0.002	<0.005	<0.0005	0.003	-	0.187
A00507285	0.005	<0.005	0.0009	0.011	-	0.312
A00507286	0.001	<0.005	<0.0005	0.002	-	0.122
A00507287	0.002	<0.005	<0.0005	0.003	-	0.057
A00507288	0.002	<0.005	<0.0005	0.003	-	0.074
A00507289	0.002	<0.005	<0.0005	0.003	-	0.044
A00507290	<0.001	<0.005	<0.0005	0.001	-	0.020
A00507291	0.003	<0.005	<0.0005	0.003	-	0.071
A00507292	0.002	<0.005	<0.0005	0.004	-	0.048
A00507293	0.002	<0.005	<0.0005	0.003	-	0.071
A00507294	0.002	<0.005	<0.0005	0.003	-	0.112
A00507295	<0.001	<0.005	<0.0005	0.003	-	0.074
A00507296	0.001	<0.005	<0.0005	0.004	-	0.077
A00507297	0.002	<0.005	<0.0005	0.003	-	0.036
A00507298	0.002	<0.005	<0.0005	0.003	-	0.024
A00507299	0.001	<0.005	<0.0005	0.003	-	0.024
A00507300	0.006	<0.005	0.0009	0.011	-	0.297
A00507301	0.001	<0.005	<0.0005	0.003	-	0.029
A00507302	<0.001	<0.005	<0.0005	0.003	-	0.075
A00507303	<0.001	<0.005	<0.0005	0.003	-	0.114
A00507304	<0.001	<0.005	<0.0005	0.003	-	0.077
A00507305	<0.001	<0.005	<0.0005	0.001	-	0.009
A00507306	0.001	<0.005	<0.0005	0.003	-	0.015
A00507307	0.001	<0.005	<0.0005	0.003	-	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507308	<0.001	<0.005	<0.0005	0.003	-	0.007
A00507309	0.001	<0.005	<0.0005	0.003	-	0.006
A00507310	<0.001	<0.005	<0.0005	0.003	-	<0.005
A00507311	<0.001	<0.005	<0.0005	0.003	-	<0.005
A00507312	<0.001	<0.005	<0.0005	0.003	-	<0.005
A00507313	<0.001	<0.005	<0.0005	0.003	2.63	0.006
A00507314	<0.001	<0.005	<0.0005	0.004	-	<0.005
A00507315	0.001	<0.005	<0.0005	0.004	-	<0.005
A00507316	0.002	<0.005	<0.0005	0.004	-	<0.005
A00507317	0.002	<0.005	<0.0005	0.004	-	<0.005
A00507318	<0.001	<0.005	<0.0005	0.004	-	<0.005
A00507319	<0.001	<0.005	<0.0005	0.004	-	<0.005
A00507320	<0.001	<0.005	<0.0005	0.002	-	0.005
A00507321	<0.001	<0.005	<0.0005	0.004	-	<0.005
A00507322	0.001	<0.005	<0.0005	0.005	-	<0.005
A00507323	<0.001	<0.005	<0.0005	0.004	-	<0.005
A00507324	0.001	<0.005	<0.0005	0.005	-	<0.005
A00507325	0.006	<0.005	0.0009	0.010	-	0.285
A00507326	0.002	<0.005	<0.0005	0.004	-	<0.005
A00507327	0.003	<0.005	<0.0005	0.004	-	<0.005
A00507328	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507329	0.002	<0.005	<0.0005	0.004	-	<0.005
A00507330	0.003	<0.005	<0.0005	0.004	-	<0.005
A00507331	0.003	<0.005	<0.0005	0.004	-	<0.005
A00507332	0.002	<0.005	<0.0005	0.004	-	0.011
A00507333	0.002	<0.005	<0.0005	0.004	-	<0.005
A00507334	0.002	<0.005	<0.0005	0.004	-	0.008
A00507335	<0.001	<0.005	<0.0005	0.004	-	0.010
*Dup A00507314	<0.001	<0.005	<0.0005	0.003	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
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Submission Number *LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)
Number of Samples 60

ANALYSIS REPORT BBM21-09797

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
*Std GS314-2	-	-	-	-	-	2.535
*Rep A00507319	-	-	-	-	-	<0.005
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507335	-	-	-	-	-	0.012
*Std GS314-2	-	-	-	-	-	2.536
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507328	0.002	<0.005	<0.0005	0.004	-	-
*Std OREAS 927	0.007	<0.005	0.0023	0.071	-	-
*Std OREAS 623	0.002	<0.005	0.0016	1.015	-	-
*Std MP-2a	<0.001	0.319	0.0212	0.582	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 927	0.006	<0.005	0.0021	0.072	-	-
*Std OREAS 623	<0.001	<0.005	0.0016	0.974	-	-
*Std MP-2a	<0.001	0.322	0.0215	0.569	-	-
*Rep A00507312	<0.001	<0.005	<0.0005	0.003	-	-
*Rep A00507312	<0.001	<0.005	<0.0005	0.004	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 927	0.006	<0.005	0.0022	0.071	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 623	<0.001	<0.005	0.0016	1.006	-	-
*Std MP-2a	<0.001	0.318	0.0217	0.595	-	-
*Blk BLANK	-	-	-	-	-	0.006
*Std GS314-2	-	-	-	-	-	2.539
*Std GS314-2	-	-	-	-	-	2.506
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507299	-	-	-	-	-	0.060

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A015 /
455 Core (396-455)	
Number of Samples	60

ANALYSIS REPORT BBM21-09797

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

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ANALYSIS REPORT BBM21-09981

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	08-Jun-2021 - 02-Nov-2021
Submission Number	Macdiarmid / MAC21-C-A016 / 734	Date Completed	02-Nov-2021
Core (237-296)		SGS Order Number	BBM21-09981
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
54	G_PRP	Combined Sample Preparation
60	G_WGH_KG	Weight of samples received
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
60	GE_CSA06V	Total Sulphur and Carbon, IR Combustion
18	GO_FUZ90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml
18	GO_ICP90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

ANALYSIS REPORT BBM21-09981

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507336	4.03	<5	<10	7	0.59	<0.003
A00507337	2.99	<5	<10	<5	0.38	<0.003
A00507338	3.24	<5	<10	<5	0.47	<0.003
A00507339	3.91	<5	<10	<5	2.93	<0.003
A00507340	0.09	7	30	40	7.10	<0.003
A00507341	3.23	<5	<10	<5	1.79	<0.003
A00507342	3.28	<5	<10	<5	0.41	<0.003
A00507343	3.09	<5	<10	<5	0.41	<0.003
A00507344	3.17	<5	<10	<5	0.40	<0.003
A00507345	-	<5	<10	<5	0.40	<0.003
A00507346	3.31	<5	<10	<5	0.42	<0.003
A00507347	3.06	<5	<10	<5	0.40	<0.003
A00507348	3.25	<5	<10	<5	0.42	<0.003
A00507349	3.15	<5	<10	<5	0.43	<0.003
A00507350	0.13	<5	<10	<5	12.41	<0.003
A00507351	3.29	<5	<10	<5	0.42	<0.003
A00507352	3.43	<5	<10	<5	0.54	<0.003
A00507353	3.34	<5	<10	<5	0.55	<0.003
A00507354	3.88	<5	<10	<5	0.52	<0.003
A00507355	3.31	<5	<10	<5	0.74	<0.003
A00507356	3.21	<5	<10	<5	2.66	<0.003
A00507357	2.98	<5	<10	<5	0.39	<0.003
A00507358	2.95	<5	<10	<5	0.40	<0.003
A00507359	3.17	<5	<10	<5	0.36	<0.003
A00507360	-	<5	<10	<5	0.38	<0.003
A00507361	3.55	<5	<10	<5	0.40	<0.003
A00507362	4.49	<5	<10	<5	0.42	<0.003
A00507363	3.04	<5	<10	6	0.42	<0.003
A00507364	3.00	<5	<10	<5	0.39	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

ANALYSIS REPORT BBM21-09981

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507365	0.08	8	<10	12	3.80	0.013
A00507366	2.99	<5	<10	<5	0.37	<0.003
A00507367	3.00	<5	<10	<5	0.33	<0.003
A00507368	2.96	5	<10	<5	0.30	<0.003
A00507369	3.03	5	<10	<5	0.31	<0.003
A00507370	0.12	<5	<10	<5	12.13	<0.003
A00507371	3.04	<5	<10	<5	0.34	<0.003
A00507372	2.99	<5	<10	<5	0.45	<0.003
A00507373	3.12	<5	<10	<5	0.45	<0.003
A00507374	3.15	<5	<10	<5	0.52	<0.003
A00507375	3.12	<5	<10	<5	0.50	<0.003
A00507376	3.85	<5	<10	<5	0.66	<0.003
A00507377	0.63	<5	<10	<5	0.55	<0.003
A00507378	3.07	<5	<10	<5	0.46	<0.003
A00507379	3.33	<5	<10	<5	0.63	<0.003
A00507380	0.12	<5	<10	<5	12.34	<0.003
A00507381	3.19	<5	<10	<5	0.44	<0.003
A00507382	3.20	<5	<10	<5	0.56	<0.003
A00507383	3.22	8	50	<5	0.58	<0.003
A00507384	3.73	<5	<10	<5	0.56	<0.003
A00507385	-	<5	<10	<5	0.55	<0.003
A00507386	3.46	5	<10	<5	0.59	<0.003
A00507387	3.74	<5	<10	<5	0.45	<0.003
A00507388	3.28	<5	<10	<5	0.47	<0.003
A00507389	3.32	<5	<10	<5	0.55	<0.003
A00507390	0.08	9	<10	12	3.88	0.013
A00507391	3.02	<5	<10	<5	0.66	<0.003
A00507392	2.73	<5	<10	<5	0.81	<0.003
A00507393	3.76	5	<10	<5	0.79	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507394	3.30	6	<10	8	3.63	<0.003
A00507395	3.28	<5	<10	<5	0.68	<0.003
*Dup A00507374	-	<5	<10	<5	0.52	<0.003
*Std OREAS 680	-	158	390	221	-	-
*Rep A00507341	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	52	510	249	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507366	-	<5	<10	<5	-	-
*Std OREAS 45f	-	22	40	62	-	-
*Rep A00507385	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 681	-	55	500	252	-	-
*Std OREAS 45f	-	21	40	59	-	-
*Std OREAS 680	-	164	390	218	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.27	<0.003
*Std OREAS 680	-	-	-	-	7.02	0.011
*Std OREAS 70b	-	-	-	-	3.89	0.015
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507363	-	-	-	-	0.44	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507379	-	-	-	-	0.63	<0.003
*Std OREAS 70b	-	-	-	-	3.75	0.014
*Std SU-1B	-	-	-	-	4.47	<0.003
*Std OREAS 680	-	-	-	-	7.26	0.011

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

ANALYSIS REPORT BBM21-09981

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507336	<0.001	<0.0005	0.1	<0.001	0.016	0.362
A00507337	<0.001	<0.0005	0.1	<0.001	0.010	0.220
A00507338	<0.001	<0.0005	0.1	<0.001	0.011	0.208
A00507339	0.002	<0.0005	7.7	<0.001	0.008	0.119
A00507340	0.023	<0.0005	5.9	<0.001	0.015	0.024
A00507341	0.002	<0.0005	3.5	<0.001	0.010	0.140
A00507342	<0.001	<0.0005	0.1	<0.001	0.010	0.153
A00507343	<0.001	<0.0005	<0.1	<0.001	0.010	0.176
A00507344	<0.001	<0.0005	0.1	<0.001	0.010	0.202
A00507345	<0.001	<0.0005	0.1	<0.001	0.010	0.199
A00507346	<0.001	<0.0005	0.1	<0.001	0.010	0.206
A00507347	<0.001	<0.0005	<0.1	<0.001	0.010	0.141
A00507348	<0.001	<0.0005	0.1	<0.001	0.010	0.211
A00507349	<0.001	<0.0005	0.1	<0.001	0.012	0.211
A00507350	0.002	<0.0005	0.4	<0.001	<0.001	0.002
A00507351	<0.001	<0.0005	<0.1	<0.001	0.012	0.226
A00507352	<0.001	<0.0005	<0.1	<0.001	0.011	0.466
A00507353	<0.001	<0.0005	<0.1	<0.001	0.011	0.378
A00507354	<0.001	<0.0005	0.1	<0.001	0.012	0.327
A00507355	<0.001	<0.0005	<0.1	<0.001	0.017	0.253
A00507356	<0.001	<0.0005	5.4	<0.001	0.014	0.139
A00507357	<0.001	<0.0005	<0.1	<0.001	0.011	0.206
A00507358	<0.001	<0.0005	<0.1	<0.001	0.011	0.221
A00507359	<0.001	<0.0005	<0.1	<0.001	0.010	0.200
A00507360	<0.001	<0.0005	0.1	<0.001	0.010	0.192
A00507361	<0.001	<0.0005	<0.1	<0.001	0.023	0.244
A00507362	<0.001	<0.0005	<0.1	<0.001	0.017	0.178
A00507363	<0.001	<0.0005	<0.1	<0.001	0.011	0.207
A00507364	<0.001	<0.0005	<0.1	<0.001	0.011	0.230

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507365	0.020	<0.0005	3.1	<0.001	0.007	0.112
A00507366	<0.001	<0.0005	0.1	<0.001	0.011	0.235
A00507367	<0.001	<0.0005	<0.1	<0.001	0.010	0.211
A00507368	<0.001	<0.0005	<0.1	<0.001	0.011	0.200
A00507369	<0.001	<0.0005	<0.1	<0.001	0.010	0.225
A00507370	0.002	<0.0005	0.3	<0.001	<0.001	0.001
A00507371	<0.001	<0.0005	<0.1	<0.001	0.012	0.195
A00507372	<0.001	<0.0005	<0.1	<0.001	0.011	0.384
A00507373	<0.001	<0.0005	<0.1	<0.001	0.013	0.288
A00507374	<0.001	<0.0005	<0.1	<0.001	0.015	0.370
A00507375	<0.001	<0.0005	<0.1	<0.001	0.013	0.380
A00507376	<0.001	<0.0005	<0.1	<0.001	0.012	0.491
A00507377	<0.001	<0.0005	<0.1	<0.001	0.013	0.376
A00507378	<0.001	<0.0005	<0.1	<0.001	0.013	0.478
A00507379	<0.001	<0.0005	<0.1	<0.001	0.022	0.430
A00507380	0.002	<0.0005	0.2	<0.001	<0.001	0.002
A00507381	<0.001	<0.0005	<0.1	<0.001	0.012	0.417
A00507382	<0.001	<0.0005	<0.1	<0.001	0.014	0.553
A00507383	<0.001	<0.0005	<0.1	<0.001	0.016	0.528
A00507384	<0.001	<0.0005	<0.1	<0.001	0.016	0.487
A00507385	<0.001	<0.0005	<0.1	<0.001	0.017	0.501
A00507386	<0.001	<0.0005	<0.1	<0.001	0.023	0.337
A00507387	<0.001	<0.0005	<0.1	<0.001	0.015	0.281
A00507388	<0.001	<0.0005	<0.1	<0.001	0.013	0.298
A00507389	<0.001	<0.0005	<0.1	<0.001	0.010	0.432
A00507390	0.021	<0.0005	2.9	<0.001	0.009	0.125
A00507391	<0.001	<0.0005	<0.1	<0.001	0.011	0.591
A00507392	<0.001	<0.0005	<0.1	<0.001	0.018	0.517
A00507393	<0.001	<0.0005	<0.1	<0.001	0.011	0.649

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

ANALYSIS REPORT BBM21-09981

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507394	<0.001	<0.0005	9.6	<0.001	0.013	0.316
A00507395	<0.001	<0.0005	<0.1	<0.001	0.012	0.593
*Dup A00507374	<0.001	<0.0005	<0.1	<0.001	0.014	0.367
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.034	<0.0005	2.3	<0.001	0.064	0.034
*Std OREAS 680	0.063	<0.0005	5.8	<0.001	0.033	0.202
*Std OREAS 70b	0.021	<0.0005	3.3	<0.001	0.008	0.117
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507363	<0.001	<0.0005	0.1	<0.001	0.013	0.216
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507379	<0.001	<0.0005	<0.1	<0.001	0.019	0.417
*Std OREAS 70b	0.021	<0.0005	2.9	<0.001	0.008	0.119
*Std SU-1B	0.038	<0.0005	2.2	<0.001	0.072	0.036
*Std OREAS 680	0.070	<0.0005	5.4	<0.001	0.037	0.206

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507336	<0.001	7.84	<0.1	<0.001	<0.001	24.09
A00507337	<0.001	5.14	<0.1	<0.001	<0.001	>25.00
A00507338	<0.001	4.18	<0.1	<0.001	<0.001	>25.00
A00507339	<0.001	5.93	0.3	<0.001	<0.001	16.46
A00507340	0.033	9.39	0.7	0.001	0.001	3.97
A00507341	<0.001	6.06	0.3	<0.001	<0.001	20.60
A00507342	<0.001	5.02	<0.1	<0.001	<0.001	>25.00
A00507343	<0.001	5.02	<0.1	<0.001	<0.001	>25.00

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507344	<0.001	4.90	<0.1	<0.001	<0.001	>25.00
A00507345	<0.001	4.74	<0.1	<0.001	<0.001	>25.00
A00507346	<0.001	4.87	<0.1	<0.001	<0.001	>25.00
A00507347	<0.001	5.10	<0.1	<0.001	<0.001	>25.00
A00507348	<0.001	5.03	<0.1	<0.001	<0.001	>25.00
A00507349	<0.001	5.46	<0.1	<0.001	<0.001	>25.00
A00507350	<0.001	0.51	4.2	<0.001	0.003	0.19
A00507351	<0.001	5.16	<0.1	<0.001	<0.001	>25.00
A00507352	<0.001	5.32	<0.1	<0.001	<0.001	>25.00
A00507353	<0.001	5.18	<0.1	<0.001	<0.001	24.15
A00507354	<0.001	4.76	<0.1	<0.001	<0.001	24.86
A00507355	<0.001	5.31	<0.1	<0.001	<0.001	24.45
A00507356	<0.001	6.04	<0.1	<0.001	<0.001	19.26
A00507357	<0.001	5.35	<0.1	<0.001	<0.001	>25.00
A00507358	<0.001	5.02	<0.1	<0.001	<0.001	>25.00
A00507359	<0.001	6.14	<0.1	<0.001	<0.001	>25.00
A00507360	<0.001	6.35	<0.1	<0.001	<0.001	>25.00
A00507361	<0.001	10.79	<0.1	<0.001	<0.001	23.67
A00507362	<0.001	12.87	<0.1	<0.001	<0.001	22.59
A00507363	<0.001	6.49	<0.1	<0.001	<0.001	24.24
A00507364	<0.001	5.59	<0.1	<0.001	<0.001	24.68
A00507365	0.004	5.47	0.6	0.001	0.004	13.81
A00507366	<0.001	5.80	<0.1	<0.001	<0.001	>25.00
A00507367	<0.001	6.31	<0.1	<0.001	<0.001	>25.00
A00507368	<0.001	6.58	<0.1	<0.001	<0.001	24.67
A00507369	<0.001	6.09	<0.1	<0.001	<0.001	24.41
A00507370	<0.001	0.47	4.1	<0.001	0.003	0.16
A00507371	<0.001	6.70	<0.1	<0.001	<0.001	24.70
A00507372	<0.001	5.70	<0.1	<0.001	<0.001	23.58

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507373	<0.001	6.71	<0.1	<0.001	<0.001	23.86
A00507374	<0.001	7.17	<0.1	<0.001	<0.001	23.22
A00507375	<0.001	5.53	<0.1	<0.001	<0.001	23.67
A00507376	<0.001	5.31	<0.1	<0.001	<0.001	24.83
A00507377	<0.001	9.17	<0.1	<0.001	<0.001	22.62
A00507378	<0.001	5.36	<0.1	<0.001	<0.001	24.75
A00507379	<0.001	6.09	<0.1	<0.001	<0.001	23.27
A00507380	<0.001	0.49	3.7	<0.001	0.003	0.17
A00507381	<0.001	5.43	<0.1	<0.001	0.001	24.86
A00507382	<0.001	5.44	<0.1	<0.001	<0.001	24.52
A00507383	<0.001	6.57	<0.1	<0.001	<0.001	23.38
A00507384	<0.001	6.50	<0.1	<0.001	<0.001	24.57
A00507385	<0.001	6.35	<0.1	<0.001	<0.001	23.46
A00507386	<0.001	4.58	<0.1	<0.001	<0.001	24.51
A00507387	<0.001	4.82	<0.1	<0.001	<0.001	24.75
A00507388	<0.001	4.30	<0.1	<0.001	<0.001	24.27
A00507389	<0.001	4.71	<0.1	<0.001	<0.001	24.83
A00507390	0.004	5.60	0.6	0.002	0.003	13.54
A00507391	<0.001	4.36	<0.1	<0.001	<0.001	24.67
A00507392	<0.001	8.70	<0.1	<0.001	<0.001	22.17
A00507393	<0.001	4.81	<0.1	<0.001	<0.001	23.43
A00507394	0.021	6.10	<0.1	<0.001	<0.001	13.98
A00507395	0.001	4.88	<0.1	<0.001	<0.001	23.99
*Dup A00507374	<0.001	6.98	<0.1	<0.001	<0.001	23.05
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.184	>25.00	0.7	0.001	<0.001	1.77
*Std OREAS 680	0.890	11.79	1.3	0.002	0.001	3.70
*Std OREAS 70b	0.005	5.66	0.7	0.001	0.004	14.28
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Rep A00507363	<0.001	6.62	<0.1	<0.001	<0.001	24.59
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507379	<0.001	6.06	<0.1	<0.001	<0.001	23.62
*Std OREAS 70b	0.004	5.40	0.6	0.002	0.004	12.87
*Std SU-1B	1.241	>25.00	0.6	0.002	<0.001	1.83
*Std OREAS 680	0.926	11.87	1.2	0.002	0.001	3.65

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507336	0.070	<0.001	0.247	0.03	<0.002	<0.05
A00507337	0.077	<0.001	0.259	0.03	<0.002	<0.05
A00507338	0.076	<0.001	0.277	0.02	<0.002	<0.05
A00507339	0.122	<0.001	0.150	0.03	<0.002	<0.05
A00507340	0.102	<0.001	0.692	0.13	<0.002	1.79
A00507341	0.107	<0.001	0.204	<0.01	<0.002	<0.05
A00507342	0.079	<0.001	0.261	<0.01	<0.002	<0.05
A00507343	0.082	<0.001	0.267	0.01	<0.002	<0.05
A00507344	0.082	<0.001	0.274	0.02	<0.002	<0.05
A00507345	0.081	<0.001	0.269	0.02	<0.002	<0.05
A00507346	0.084	<0.001	0.267	0.02	<0.002	<0.05
A00507347	0.082	<0.001	0.261	0.01	<0.002	<0.05
A00507348	0.087	<0.001	0.259	0.02	<0.002	<0.05
A00507349	0.087	<0.001	0.264	<0.01	<0.002	<0.05
A00507350	0.010	<0.001	0.003	0.02	<0.002	<0.05
A00507351	0.083	<0.001	0.277	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

ANALYSIS REPORT BBM21-09981

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507352	0.083	<0.001	0.266	0.01	<0.002	<0.05
A00507353	0.077	<0.001	0.251	<0.01	<0.002	<0.05
A00507354	0.079	<0.001	0.290	<0.01	<0.002	<0.05
A00507355	0.067	<0.001	0.265	<0.01	<0.002	<0.05
A00507356	0.099	<0.001	0.161	0.02	<0.002	<0.05
A00507357	0.083	<0.001	0.267	0.01	<0.002	<0.05
A00507358	0.082	<0.001	0.276	0.01	<0.002	<0.05
A00507359	0.091	<0.001	0.272	0.02	<0.002	<0.05
A00507360	0.092	<0.001	0.267	0.01	<0.002	<0.05
A00507361	0.099	<0.001	0.253	0.02	<0.002	<0.05
A00507362	0.093	<0.001	0.206	<0.01	<0.002	<0.05
A00507363	0.085	<0.001	0.237	0.01	<0.002	<0.05
A00507364	0.080	<0.001	0.267	0.02	<0.002	<0.05
A00507365	0.112	<0.001	0.213	0.03	<0.002	0.24
A00507366	0.086	<0.001	0.270	0.01	<0.002	<0.05
A00507367	0.080	<0.001	0.273	0.02	<0.002	<0.05
A00507368	0.079	<0.001	0.256	0.01	<0.002	<0.05
A00507369	0.078	<0.001	0.269	0.02	<0.002	<0.05
A00507370	0.010	<0.001	0.001	0.02	<0.002	<0.05
A00507371	0.079	<0.001	0.263	<0.01	<0.002	<0.05
A00507372	0.076	<0.001	0.257	0.03	<0.002	<0.05
A00507373	0.084	<0.001	0.248	<0.01	<0.002	<0.05
A00507374	0.084	<0.001	0.235	<0.01	<0.002	<0.05
A00507375	0.088	<0.001	0.263	0.02	<0.002	<0.05
A00507376	0.089	<0.001	0.198	0.01	<0.002	<0.05
A00507377	0.089	<0.001	0.243	<0.01	<0.002	<0.05
A00507378	0.094	<0.001	0.266	<0.01	<0.002	<0.05
A00507379	0.085	<0.001	0.275	0.02	<0.002	<0.05
A00507380	0.010	<0.001	0.001	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507381	0.089	<0.001	0.279	0.02	<0.002	<0.05
A00507382	0.089	<0.001	0.250	0.02	<0.002	<0.05
A00507383	0.082	<0.001	0.242	0.01	<0.002	<0.05
A00507384	0.091	<0.001	0.232	0.01	<0.002	<0.05
A00507385	0.089	<0.001	0.267	0.02	<0.002	<0.05
A00507386	0.074	<0.001	0.236	<0.01	<0.002	<0.05
A00507387	0.087	<0.001	0.247	<0.01	<0.002	<0.05
A00507388	0.086	<0.001	0.238	0.02	<0.002	<0.05
A00507389	0.092	<0.001	0.236	<0.01	<0.002	<0.05
A00507390	0.119	0.001	0.220	0.02	<0.002	0.23
A00507391	0.084	<0.001	0.230	<0.01	<0.002	<0.05
A00507392	0.084	<0.001	0.212	0.02	<0.002	<0.05
A00507393	0.086	<0.001	0.261	0.01	<0.002	<0.05
A00507394	0.170	<0.001	0.132	0.03	<0.002	<0.05
A00507395	0.084	<0.001	0.264	0.01	<0.002	<0.05
*Dup A00507374	0.083	<0.001	0.250	0.02	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	0.02	<0.002	<0.05
*Std SU-1B	0.070	<0.001	1.895	0.07	0.004	>10.00
*Std OREAS 680	0.120	<0.001	2.150	0.14	0.242	5.30
*Std OREAS 70b	0.114	<0.001	0.227	0.04	<0.002	0.26
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507363	0.087	<0.001	0.247	0.03	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507379	0.086	<0.001	0.257	0.03	<0.002	<0.01
*Std OREAS 70b	0.115	<0.001	0.214	0.02	<0.002	0.22
*Std SU-1B	0.074	<0.001	1.995	0.07	0.005	>10.00
*Std OREAS 680	0.132	<0.001	2.196	0.12	0.253	5.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507336	<0.005	<0.0005	17.3	<0.005	<0.001	0.03
A00507337	<0.005	<0.0005	16.9	<0.005	<0.001	0.03
A00507338	<0.005	<0.0005	17.8	<0.005	<0.001	0.03
A00507339	<0.005	0.0013	17.8	<0.005	0.002	0.19
A00507340	<0.005	0.0017	23.3	<0.005	0.036	1.00
A00507341	<0.005	0.0008	17.3	<0.005	0.002	0.12
A00507342	<0.005	<0.0005	16.7	<0.005	<0.001	0.03
A00507343	<0.005	<0.0005	17.5	<0.005	<0.001	0.03
A00507344	<0.005	<0.0005	17.3	<0.005	<0.001	0.03
A00507345	<0.005	<0.0005	17.4	<0.005	<0.001	0.03
A00507346	<0.005	<0.0005	17.2	<0.005	<0.001	0.02
A00507347	<0.005	<0.0005	16.7	<0.005	<0.001	0.02
A00507348	<0.005	<0.0005	17.1	<0.005	<0.001	0.02
A00507349	<0.005	<0.0005	17.5	<0.005	<0.001	0.02
A00507350	<0.005	<0.0005	28.7	<0.005	0.004	0.02
A00507351	<0.005	<0.0005	17.3	<0.005	<0.001	0.02
A00507352	<0.005	<0.0005	17.6	<0.005	<0.001	0.03
A00507353	<0.005	<0.0005	16.0	<0.005	<0.001	0.03
A00507354	<0.005	<0.0005	17.3	<0.005	<0.001	0.03
A00507355	<0.005	<0.0005	18.5	<0.005	<0.001	0.03
A00507356	<0.005	0.0009	18.6	<0.005	<0.001	0.24
A00507357	<0.005	<0.0005	17.2	<0.005	<0.001	0.03
A00507358	<0.005	<0.0005	17.4	<0.005	<0.001	0.03
A00507359	<0.005	<0.0005	16.7	<0.005	<0.001	0.03
A00507360	<0.005	<0.0005	16.7	<0.005	<0.001	0.04
A00507361	<0.005	<0.0005	16.2	<0.005	<0.001	0.02
A00507362	<0.005	<0.0005	15.9	<0.005	<0.001	0.03
A00507363	<0.005	<0.0005	16.8	<0.005	<0.001	0.02
A00507364	<0.005	<0.0005	16.9	<0.005	<0.001	0.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507365	<0.005	0.0010	23.4	<0.005	0.007	0.18
A00507366	<0.005	<0.0005	17.8	<0.005	<0.001	0.02
A00507367	<0.005	<0.0005	17.0	<0.005	<0.001	0.02
A00507368	<0.005	<0.0005	16.7	<0.005	<0.001	0.02
A00507369	<0.005	<0.0005	16.6	<0.005	<0.001	0.02
A00507370	<0.005	<0.0005	27.1	<0.005	0.003	0.01
A00507371	<0.005	<0.0005	17.0	<0.005	<0.001	0.02
A00507372	<0.005	<0.0005	16.1	<0.005	<0.001	0.06
A00507373	<0.005	<0.0005	16.0	<0.005	<0.001	0.02
A00507374	<0.005	<0.0005	15.8	<0.005	<0.001	0.02
A00507375	<0.005	<0.0005	15.9	<0.005	<0.001	0.03
A00507376	<0.005	<0.0005	17.1	<0.005	<0.001	0.03
A00507377	<0.005	<0.0005	15.7	<0.005	<0.001	0.03
A00507378	<0.005	<0.0005	16.3	<0.005	<0.001	0.02
A00507379	<0.005	<0.0005	16.5	<0.005	<0.001	0.03
A00507380	<0.005	<0.0005	26.4	<0.005	0.003	<0.01
A00507381	<0.005	<0.0005	16.4	<0.005	<0.001	0.02
A00507382	<0.005	<0.0005	16.3	<0.005	<0.001	0.03
A00507383	<0.005	<0.0005	16.5	<0.005	<0.001	0.02
A00507384	<0.005	<0.0005	16.6	<0.005	<0.001	0.03
A00507385	<0.005	<0.0005	16.4	<0.005	<0.001	0.03
A00507386	<0.005	<0.0005	17.4	<0.005	<0.001	0.03
A00507387	<0.005	<0.0005	16.6	<0.005	<0.001	0.02
A00507388	<0.005	<0.0005	16.6	<0.005	<0.001	0.03
A00507389	<0.005	<0.0005	16.9	<0.005	<0.001	0.02
A00507390	<0.005	0.0011	22.2	<0.005	0.008	0.17
A00507391	<0.005	<0.0005	16.8	<0.005	<0.001	0.03
A00507392	<0.005	<0.0005	15.7	<0.005	<0.001	0.04
A00507393	<0.005	<0.0005	15.9	<0.005	<0.001	0.04

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507394	<0.005	0.0008	17.4	<0.005	<0.001	0.12
A00507395	<0.005	<0.0005	16.7	<0.005	<0.001	0.03
*Dup A00507374	<0.005	<0.0005	15.7	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0007	16.0	<0.005	0.029	0.23
*Std OREAS 680	<0.005	0.0020	20.8	<0.005	0.042	0.51
*Std OREAS 70b	<0.005	0.0010	24.1	<0.005	0.008	0.18
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507363	<0.005	<0.0005	17.2	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507379	<0.005	<0.0005	16.5	<0.005	<0.001	0.04
*Std OREAS 70b	<0.005	0.0011	21.6	<0.005	0.007	0.16
*Std SU-1B	<0.005	0.0008	15.6	<0.005	0.031	0.21
*Std OREAS 680	<0.005	0.0022	19.6	<0.005	0.045	0.49

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507336	0.003	<0.005	<0.0005	0.005	-	0.009
A00507337	0.002	<0.005	<0.0005	0.004	-	0.008
A00507338	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507339	0.009	<0.005	0.0006	0.006	-	0.006
A00507340	0.014	<0.005	0.0018	0.011	-	1.736
A00507341	0.006	<0.005	<0.0005	0.005	-	0.008
A00507342	0.002	<0.005	<0.0005	0.004	-	0.006
A00507343	0.001	<0.005	<0.0005	0.004	-	<0.005

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507344	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507345	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507346	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507347	0.002	<0.005	<0.0005	0.004	-	<0.005
A00507348	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507349	0.002	<0.005	<0.0005	0.005	-	0.006
A00507350	<0.001	<0.005	<0.0005	0.002	-	0.007
A00507351	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507352	0.002	<0.005	<0.0005	0.007	-	<0.005
A00507353	0.003	<0.005	<0.0005	0.006	-	0.005
A00507354	0.002	<0.005	<0.0005	0.006	2.61	<0.005
A00507355	0.002	<0.005	<0.0005	0.005	-	0.006
A00507356	0.005	<0.005	<0.0005	0.005	-	0.008
A00507357	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507358	0.002	<0.005	<0.0005	0.005	-	0.008
A00507359	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507360	0.002	<0.005	<0.0005	0.005	-	<0.005
A00507361	0.002	<0.005	<0.0005	0.006	-	0.008
A00507362	0.002	<0.005	<0.0005	0.005	-	0.009
A00507363	0.002	<0.005	<0.0005	0.005	-	0.008
A00507364	0.002	<0.005	<0.0005	0.005	-	0.007
A00507365	0.006	<0.005	0.0009	0.011	-	0.286
A00507366	0.002	<0.005	<0.0005	0.005	-	0.011
A00507367	0.002	<0.005	<0.0005	0.004	-	0.013
A00507368	0.002	<0.005	<0.0005	0.004	-	0.013
A00507369	0.002	<0.005	<0.0005	0.005	-	0.012
A00507370	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507371	0.001	<0.005	<0.0005	0.004	-	<0.005
A00507372	0.002	<0.005	<0.0005	0.006	-	0.007

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

ANALYSIS REPORT BBM21-09981

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507373	0.002	<0.005	<0.0005	0.005	-	0.009
A00507374	0.003	<0.005	<0.0005	0.005	-	0.073
A00507375	0.002	<0.005	<0.0005	0.005	-	0.075
A00507376	0.003	<0.005	<0.0005	0.007	-	0.073
A00507377	0.003	<0.005	<0.0005	0.006	-	0.089
A00507378	0.003	<0.005	<0.0005	0.006	-	0.131
A00507379	0.003	<0.005	<0.0005	0.006	-	0.078
A00507380	<0.001	<0.005	<0.0005	0.001	-	<0.005
A00507381	0.002	<0.005	<0.0005	0.005	-	0.084
A00507382	0.003	<0.005	<0.0005	0.007	-	0.081
A00507383	0.003	<0.005	<0.0005	0.007	-	0.079
A00507384	0.003	<0.005	<0.0005	0.007	-	0.083
A00507385	0.003	<0.005	<0.0005	0.007	-	0.084
A00507386	0.003	<0.005	<0.0005	0.005	-	0.097
A00507387	0.002	<0.005	<0.0005	0.014	-	0.090
A00507388	0.002	<0.005	<0.0005	0.005	-	0.124
A00507389	0.003	<0.005	<0.0005	0.006	-	0.083
A00507390	0.007	<0.005	0.0009	0.017	-	0.327
A00507391	0.004	<0.005	<0.0005	0.006	-	0.089
A00507392	0.004	<0.005	<0.0005	0.006	-	0.088
A00507393	0.004	<0.005	<0.0005	0.007	2.72	0.092
A00507394	0.007	<0.005	<0.0005	0.008	-	0.077
A00507395	0.004	<0.005	<0.0005	0.007	-	0.102
*Dup A00507374	0.002	<0.005	<0.0005	0.005	-	0.073
*Std GS314-2	-	-	-	-	-	2.544
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507360	-	-	-	-	-	0.006
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.539

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number Macdiarmid / MAC21-C-A016 / 734
Core (237-296)
Number of Samples 60

ANALYSIS REPORT BBM21-09981

Element	V	W	Y	Zn	Bulk Density	@S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GE_CSA06V
Lower Limit	0.001	0.005	0.0005	0.001	1	0.005
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.528
*Std GS314-2	-	-	-	-	-	2.545
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507370	-	-	-	-	-	0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.008	<0.005	0.0006	0.027	-	-
*Std OREAS 680	0.022	<0.005	0.0015	0.229	-	-
*Std OREAS 70b	0.006	<0.005	0.0009	0.011	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507363	0.002	<0.005	<0.0005	0.005	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507379	0.003	<0.005	<0.0005	0.006	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-	-
*Std SU-1B	0.008	<0.005	0.0007	0.025	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.224	-	-

Element	Mg
Method	GO_ICP90Q100
Lower Limit	0.01
Upper Limit	30
Unit	%
A00507337	25.16
A00507338	25.40
A00507342	25.09
A00507343	25.38
A00507344	25.05
A00507345	25.21

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM21-09981

Order Number	PO#
Project	MACDIARMID
Submission Number	Macdiarmid / MAC21-C-A016 / 734
Core (237-296)	
Number of Samples	60

Element	Mg
Method	GO_ICP90Q100
Lower Limit	0.01
Upper Limit	30
Unit	%
A00507346	24.99
A00507347	24.72
A00507348	24.66
A00507349	25.00
A00507351	24.79
A00507352	25.28
A00507357	25.26
A00507358	25.30
A00507359	24.58
A00507360	24.62
A00507366	24.82
A00507367	24.55
*Blk BLANK	<0.01
*Rep A00507337	25.00
*Std SARM06	26.96

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

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ANALYSIS REPORT BBM21-09982

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	08-Jun-2021 - 16-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A017 / 734 Core (297-356)	Date Completed	17-Aug-2021
		SGS Order Number	BBM21-09982
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
54	G_PRP	Combined Sample Preparation
60	G_WGH_KG	Weight of samples received
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
1	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
8	GO_FUZ90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml
8	GO_ICP90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)	
Number of Samples	60

ANALYSIS REPORT BBM21-09982

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507396	3.20	<5	<10	<5	0.76	<0.003
A00507397	1.92	<5	<10	<5	0.73	<0.003
A00507398	2.95	<5	<10	<5	0.86	<0.003
A00507399	3.15	<5	<10	<5	7.31	<0.003
A00507400	0.09	8	<10	11	3.73	0.011
A00507401	3.19	<5	<10	<5	1.42	<0.003
A00507402	3.10	<5	<10	<5	0.75	<0.003
A00507403	3.03	<5	<10	<5	0.39	<0.003
A00507404	3.05	<5	<10	<5	1.86	<0.003
A00507405	3.05	<5	<10	<5	1.62	<0.003
A00507406	3.07	<5	<10	<5	0.62	<0.003
A00507407	2.99	<5	<10	<5	0.53	<0.003
A00507408	3.18	<5	<10	<5	0.48	<0.003
A00507409	3.47	6	10	<5	0.66	<0.003
A00507410	0.13	<5	<10	<5	12.16	<0.003
A00507411	2.81	<5	<10	<5	0.66	<0.003
A00507412	2.60	<5	<10	<5	0.68	<0.003
A00507413	3.32	<5	<10	<5	0.58	<0.003
A00507414	2.76	<5	<10	<5	0.52	<0.003
A00507415	3.04	<5	<10	<5	0.65	<0.003
A00507416	3.40	<5	<10	<5	0.74	<0.003
A00507417	3.21	<5	<10	<5	0.64	<0.003
A00507418	3.09	<5	<10	<5	0.62	<0.003
A00507419	3.29	<5	<10	<5	0.61	<0.003
A00507420	3.29	<5	10	<5	0.64	<0.003
A00507421	3.14	<5	<10	<5	0.61	<0.003
A00507422	3.49	<5	<10	<5	0.54	<0.003
A00507423	3.58	<5	<10	<5	0.62	<0.003
A00507424	3.07	<5	<10	<5	0.65	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)	
Number of Samples	60

ANALYSIS REPORT BBM21-09982

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507425	0.08	11	<10	11	3.76	0.012
A00507426	3.39	<5	<10	<5	3.85	<0.003
A00507427	3.42	<5	<10	<5	0.69	<0.003
A00507428	3.23	<5	<10	<5	0.69	<0.003
A00507429	3.17	<5	<10	<5	0.70	<0.003
A00507430	0.13	<5	<10	<5	11.92	<0.003
A00507431	3.64	<5	<10	<5	0.68	<0.003
A00507432	4.64	<5	<10	<5	0.79	<0.003
A00507433	4.18	<5	<10	<5	0.80	<0.003
A00507434	3.77	<5	<10	<5	0.75	<0.003
A00507435	4.09	<5	<10	<5	0.64	<0.003
A00507436	4.09	<5	<10	<5	0.43	<0.003
A00507437	3.38	<5	<10	<5	0.33	<0.003
A00507438	1.52	<5	<10	<5	0.35	<0.003
A00507439	3.43	<5	<10	<5	0.45	<0.003
A00507440	0.08	5	30	30	6.93	<0.003
A00507441	3.33	<5	<10	<5	0.56	<0.003
A00507442	3.62	<5	<10	<5	0.53	<0.003
A00507443	3.40	<5	<10	<5	0.45	<0.003
A00507444	4.10	<5	<10	<5	0.47	<0.003
A00507445	0.13	<5	<10	<5	11.72	<0.003
A00507446	3.60	<5	<10	<5	0.47	<0.003
A00507447	3.71	<5	<10	<5	0.39	<0.003
A00507448	3.37	<5	<10	<5	0.48	<0.003
A00507449	3.28	<5	<10	<5	0.47	<0.003
A00507450	3.28	<5	<10	<5	0.46	<0.003
A00507451	3.69	<5	20	<5	0.55	<0.003
A00507452	3.19	<5	<10	<5	0.53	<0.003
A00507453	3.62	<5	<10	6	0.50	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507454	3.45	<5	<10	<5	0.59	<0.003
A00507455	2.33	<5	<10	<5	1.07	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	6.75	0.010
*Std SU-1B	-	-	-	-	4.08	<0.003
*Std OREAS 70b	-	-	-	-	3.67	0.009
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507400	-	-	-	-	3.77	0.013
*Std OREAS 70b	-	-	-	-	3.72	0.016
*Std SU-1B	-	-	-	-	4.21	<0.003
*Rep A00507429	-	-	-	-	0.67	<0.003
*Std OREAS 680	-	-	-	-	6.89	0.007
*Blk BLANK	-	-	-	-	0.01	<0.003
*Rep A00507396	-	<5	<10	<5	-	-
*Std OREAS 680	-	158	400	220	-	-
*Std PGMS-29	-	87	580	701	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Rep A00507441	-	<5	<10	<5	-	-
*Rep A00507450	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507396	<0.001	<0.0005	0.1	<0.001	0.011	0.677
A00507397	<0.001	<0.0005	<0.1	<0.001	0.010	0.647
A00507398	<0.001	<0.0005	<0.1	<0.001	0.011	0.863
A00507399	0.009	<0.0005	15.2	<0.001	0.004	0.038
A00507400	0.020	<0.0005	3.1	<0.001	0.008	0.133
A00507401	<0.001	<0.0005	1.2	<0.001	0.011	0.509
A00507402	<0.001	<0.0005	0.1	<0.001	0.010	0.493
A00507403	0.001	<0.0005	<0.1	<0.001	0.011	0.256
A00507404	<0.001	<0.0005	3.1	<0.001	0.010	0.292
A00507405	<0.001	<0.0005	2.5	<0.001	0.010	0.299
A00507406	<0.001	<0.0005	<0.1	<0.001	0.010	0.394
A00507407	<0.001	<0.0005	<0.1	<0.001	0.014	0.276
A00507408	<0.001	<0.0005	<0.1	<0.001	0.012	0.268
A00507409	0.002	<0.0005	<0.1	<0.001	0.012	0.406
A00507410	0.002	<0.0005	0.3	<0.001	<0.001	0.011
A00507411	<0.001	<0.0005	<0.1	<0.001	0.010	0.454
A00507412	<0.001	<0.0005	0.1	<0.001	0.010	0.596
A00507413	<0.001	<0.0005	<0.1	<0.001	0.011	0.477
A00507414	<0.001	<0.0005	<0.1	<0.001	0.011	0.322
A00507415	<0.001	<0.0005	<0.1	<0.001	0.010	0.517
A00507416	<0.001	<0.0005	0.1	<0.001	0.011	0.481
A00507417	<0.001	<0.0005	<0.1	<0.001	0.013	0.412
A00507418	<0.001	<0.0005	<0.1	<0.001	0.011	0.430
A00507419	<0.001	<0.0005	<0.1	<0.001	0.011	0.348
A00507420	<0.001	<0.0005	<0.1	<0.001	0.011	0.401
A00507421	<0.001	<0.0005	<0.1	<0.001	0.010	0.371
A00507422	<0.001	<0.0005	<0.1	<0.001	0.010	0.304
A00507423	<0.001	<0.0005	<0.1	<0.001	0.009	0.336
A00507424	<0.001	<0.0005	0.2	<0.001	0.010	0.335

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507425	0.020	<0.0005	3.1	<0.001	0.008	0.137
A00507426	<0.001	<0.0005	8.4	<0.001	0.007	0.163
A00507427	<0.001	<0.0005	<0.1	<0.001	0.010	0.299
A00507428	<0.001	<0.0005	<0.1	<0.001	0.012	0.319
A00507429	<0.001	<0.0005	0.1	<0.001	0.009	0.345
A00507430	0.002	<0.0005	0.3	<0.001	<0.001	0.029
A00507431	<0.001	<0.0005	<0.1	<0.001	0.011	0.309
A00507432	<0.001	<0.0005	<0.1	<0.001	0.011	0.313
A00507433	<0.001	<0.0005	<0.1	<0.001	0.010	0.265
A00507434	<0.001	<0.0005	<0.1	<0.001	0.012	0.245
A00507435	<0.001	<0.0005	<0.1	<0.001	0.011	0.432
A00507436	<0.001	<0.0005	<0.1	<0.001	0.010	0.406
A00507437	<0.001	<0.0005	<0.1	<0.001	0.012	0.292
A00507438	<0.001	<0.0005	<0.1	<0.001	0.014	0.287
A00507439	0.001	<0.0005	<0.1	<0.001	0.012	0.598
A00507440	0.024	<0.0005	5.8	<0.001	0.016	0.028
A00507441	<0.001	<0.0005	<0.1	<0.001	0.012	0.533
A00507442	<0.001	<0.0005	<0.1	<0.001	0.010	0.385
A00507443	<0.001	<0.0005	<0.1	<0.001	0.010	0.431
A00507444	<0.001	<0.0005	<0.1	<0.001	0.011	0.438
A00507445	0.002	<0.0005	0.3	<0.001	<0.001	0.032
A00507446	<0.001	<0.0005	<0.1	<0.001	0.009	0.364
A00507447	<0.001	<0.0005	<0.1	<0.001	0.010	0.278
A00507448	<0.001	<0.0005	<0.1	<0.001	0.011	0.454
A00507449	<0.001	<0.0005	<0.1	<0.001	0.009	0.418
A00507450	<0.001	<0.0005	<0.1	<0.001	0.009	0.383
A00507451	<0.001	<0.0005	<0.1	<0.001	0.009	0.345
A00507452	<0.001	<0.0005	<0.1	<0.001	0.010	0.505
A00507453	<0.001	<0.0005	<0.1	<0.001	0.010	0.253

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)	
Number of Samples	60

ANALYSIS REPORT BBM21-09982

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507454	<0.001	<0.0005	<0.1	<0.001	0.011	0.403
A00507455	<0.001	<0.0005	0.5	<0.001	0.010	0.343
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.063	<0.0005	5.5	<0.001	0.039	0.197
*Std SU-1B	0.035	<0.0005	2.1	<0.001	0.059	0.033
*Std OREAS 70b	0.019	<0.0005	3.0	<0.001	0.007	0.118
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507400	0.020	<0.0005	3.1	<0.001	0.008	0.135
*Std OREAS 70b	0.022	<0.0005	3.1	<0.001	0.008	0.137
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.063	0.040
*Rep A00507429	0.002	<0.0005	0.1	<0.001	0.009	0.342
*Std OREAS 680	0.063	<0.0005	5.6	<0.001	0.039	0.205
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507396	0.008	5.65	<0.1	<0.001	<0.001	24.04
A00507397	0.002	5.33	<0.1	<0.001	<0.001	23.78
A00507398	0.015	6.18	<0.1	<0.001	<0.001	23.08
A00507399	0.008	8.00	0.7	<0.001	0.005	5.35
A00507400	0.006	5.76	0.6	0.001	0.003	13.57
A00507401	0.008	7.75	<0.1	<0.001	<0.001	22.11
A00507402	0.003	6.22	<0.1	<0.001	<0.001	23.81
A00507403	0.001	5.27	<0.1	<0.001	<0.001	>25.00

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507404	0.004	6.09	<0.1	<0.001	<0.001	20.67
A00507405	0.003	5.84	<0.1	<0.001	<0.001	21.43
A00507406	0.002	5.62	<0.1	<0.001	<0.001	24.69
A00507407	0.001	5.97	<0.1	<0.001	<0.001	24.49
A00507408	0.003	5.54	<0.1	<0.001	<0.001	24.44
A00507409	0.002	5.58	<0.1	<0.001	<0.001	24.09
A00507410	<0.001	0.69	3.9	<0.001	0.003	0.07
A00507411	<0.001	5.96	<0.1	<0.001	<0.001	23.83
A00507412	<0.001	5.27	<0.1	<0.001	<0.001	24.01
A00507413	<0.001	5.83	<0.1	<0.001	<0.001	24.68
A00507414	<0.001	5.11	<0.1	<0.001	<0.001	24.36
A00507415	<0.001	5.58	<0.1	<0.001	<0.001	24.64
A00507416	<0.001	5.50	<0.1	<0.001	<0.001	24.25
A00507417	0.004	5.46	<0.1	<0.001	<0.001	>25.00
A00507418	0.003	5.35	<0.1	<0.001	<0.001	24.52
A00507419	0.001	5.59	<0.1	<0.001	<0.001	24.92
A00507420	0.002	5.58	<0.1	<0.001	<0.001	>25.00
A00507421	0.003	5.30	<0.1	<0.001	<0.001	24.07
A00507422	0.001	5.63	<0.1	<0.001	<0.001	24.07
A00507423	0.002	5.13	<0.1	<0.001	<0.001	24.16
A00507424	0.002	5.18	<0.1	<0.001	<0.001	24.36
A00507425	0.005	5.77	0.6	0.001	0.003	13.63
A00507426	0.004	6.94	<0.1	<0.001	<0.001	15.01
A00507427	0.004	6.71	<0.1	<0.001	<0.001	23.63
A00507428	0.003	6.16	<0.1	<0.001	<0.001	24.44
A00507429	0.002	5.79	<0.1	<0.001	<0.001	24.09
A00507430	<0.001	1.08	3.8	<0.001	0.003	0.19
A00507431	0.005	5.58	<0.1	<0.001	<0.001	23.52
A00507432	0.002	5.56	<0.1	<0.001	<0.001	23.78

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507433	0.001	5.67	<0.1	<0.001	<0.001	23.61
A00507434	0.005	6.21	<0.1	<0.001	<0.001	23.15
A00507435	0.004	5.95	<0.1	<0.001	<0.001	23.42
A00507436	0.002	6.02	<0.1	<0.001	<0.001	>25.00
A00507437	0.001	5.33	<0.1	<0.001	<0.001	>25.00
A00507438	0.002	5.81	<0.1	<0.001	<0.001	>25.00
A00507439	<0.001	5.41	<0.1	<0.001	<0.001	24.22
A00507440	0.032	9.69	0.6	0.001	<0.001	3.82
A00507441	0.002	5.18	<0.1	<0.001	<0.001	>25.00
A00507442	0.012	4.54	<0.1	<0.001	<0.001	23.59
A00507443	<0.001	5.64	<0.1	<0.001	<0.001	24.90
A00507444	<0.001	6.14	<0.1	<0.001	<0.001	24.25
A00507445	<0.001	1.03	3.8	<0.001	0.003	0.17
A00507446	<0.001	5.56	<0.1	<0.001	<0.001	24.72
A00507447	<0.001	6.34	<0.1	<0.001	<0.001	24.01
A00507448	<0.001	5.13	<0.1	<0.001	<0.001	24.49
A00507449	<0.001	5.52	<0.1	<0.001	<0.001	24.24
A00507450	<0.001	5.51	<0.1	<0.001	<0.001	23.78
A00507451	0.002	6.39	<0.1	<0.001	<0.001	23.72
A00507452	0.001	5.29	<0.1	<0.001	<0.001	24.54
A00507453	0.001	5.30	<0.1	<0.001	<0.001	23.43
A00507454	0.005	5.04	<0.1	<0.001	<0.001	24.58
A00507455	0.011	5.08	<0.1	<0.001	<0.001	23.14
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.874	11.33	1.2	0.002	0.001	3.65
*Std SU-1B	1.137	24.49	0.6	0.001	0.001	1.77
*Std OREAS 70b	0.005	5.39	0.6	0.001	0.003	13.30
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Rep A00507400	0.005	5.77	0.6	0.001	0.003	13.61
*Std OREAS 70b	0.005	5.80	0.6	0.001	0.003	13.46
*Std SU-1B	1.157	>25.00	0.6	0.001	<0.001	1.81
*Rep A00507429	0.003	6.02	<0.1	<0.001	<0.001	23.38
*Std OREAS 680	0.868	11.39	1.2	0.002	0.001	3.68
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507396	0.078	<0.001	0.252	<0.01	<0.002	<0.05
A00507397	0.076	<0.001	0.250	<0.01	<0.002	<0.05
A00507398	0.078	<0.001	0.270	<0.01	<0.002	<0.05
A00507399	0.160	<0.001	0.019	0.04	<0.002	<0.05
A00507400	0.111	<0.001	0.217	0.03	0.002	0.26
A00507401	0.084	<0.001	0.231	0.03	<0.002	<0.05
A00507402	0.075	<0.001	0.245	<0.01	<0.002	<0.05
A00507403	0.083	<0.001	0.277	<0.01	<0.002	<0.05
A00507404	0.094	<0.001	0.219	<0.01	<0.002	<0.05
A00507405	0.090	<0.001	0.225	0.02	<0.002	<0.05
A00507406	0.088	<0.001	0.259	<0.01	<0.002	<0.05
A00507407	0.083	<0.001	0.251	<0.01	<0.002	<0.05
A00507408	0.074	<0.001	0.250	<0.01	<0.002	<0.05
A00507409	0.073	<0.001	0.258	0.02	<0.002	<0.05
A00507410	0.011	<0.001	<0.001	<0.01	<0.002	<0.05
A00507411	0.078	<0.001	0.249	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507412	0.079	<0.001	0.257	<0.01	<0.002	<0.05
A00507413	0.101	<0.001	0.276	<0.01	<0.002	<0.05
A00507414	0.078	<0.001	0.261	<0.01	<0.002	<0.05
A00507415	0.077	<0.001	0.258	<0.01	<0.002	<0.05
A00507416	0.077	<0.001	0.259	<0.01	<0.002	<0.05
A00507417	0.078	<0.001	0.256	<0.01	<0.002	<0.05
A00507418	0.078	<0.001	0.256	<0.01	<0.002	<0.05
A00507419	0.076	<0.001	0.259	<0.01	<0.002	<0.05
A00507420	0.080	<0.001	0.268	<0.01	<0.002	<0.05
A00507421	0.077	<0.001	0.260	<0.01	<0.002	<0.05
A00507422	0.078	<0.001	0.261	<0.01	<0.002	<0.05
A00507423	0.076	<0.001	0.265	<0.01	<0.002	<0.05
A00507424	0.082	<0.001	0.258	<0.01	<0.002	<0.05
A00507425	0.113	<0.001	0.223	0.02	0.002	0.26
A00507426	0.105	<0.001	0.132	<0.01	<0.002	<0.05
A00507427	0.077	<0.001	0.253	<0.01	<0.002	<0.05
A00507428	0.081	<0.001	0.259	<0.01	<0.002	<0.05
A00507429	0.081	<0.001	0.253	<0.01	<0.002	<0.05
A00507430	0.014	<0.001	0.002	<0.01	<0.002	<0.05
A00507431	0.101	<0.001	0.256	<0.01	<0.002	<0.05
A00507432	0.081	<0.001	0.261	<0.01	<0.002	<0.05
A00507433	0.080	<0.001	0.264	<0.01	<0.002	<0.05
A00507434	0.073	<0.001	0.246	<0.01	<0.002	<0.05
A00507435	0.075	<0.001	0.256	<0.01	<0.002	<0.05
A00507436	0.092	<0.001	0.257	<0.01	<0.002	<0.05
A00507437	0.101	<0.001	0.280	<0.01	<0.002	<0.05
A00507438	0.096	<0.001	0.281	<0.01	<0.002	<0.05
A00507439	0.114	<0.001	0.245	0.01	<0.002	<0.05
A00507440	0.099	<0.001	0.684	0.11	<0.002	1.72

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507441	0.079	<0.001	0.291	<0.01	<0.002	<0.05
A00507442	0.080	<0.001	0.265	0.04	<0.002	<0.05
A00507443	0.092	<0.001	0.244	0.02	<0.002	<0.05
A00507444	0.101	<0.001	0.253	0.03	<0.002	<0.05
A00507445	0.017	<0.001	0.001	<0.01	<0.002	<0.05
A00507446	0.088	<0.001	0.235	0.02	<0.002	<0.05
A00507447	0.095	<0.001	0.250	<0.01	<0.002	<0.05
A00507448	0.091	<0.001	0.241	<0.01	<0.002	<0.05
A00507449	0.094	<0.001	0.249	0.01	<0.002	<0.05
A00507450	0.089	<0.001	0.244	0.02	<0.002	<0.05
A00507451	0.085	<0.001	0.251	0.03	<0.002	<0.05
A00507452	0.083	<0.001	0.254	0.02	<0.002	<0.05
A00507453	0.086	<0.001	0.246	<0.01	<0.002	<0.05
A00507454	0.091	<0.001	0.271	0.02	<0.002	<0.05
A00507455	0.085	<0.001	0.242	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 680	0.122	<0.001	2.021	0.11	0.245	5.57
*Std SU-1B	0.067	<0.001	1.799	0.05	0.007	>10.00
*Std OREAS 70b	0.112	<0.001	0.207	0.01	<0.002	0.25
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507400	0.111	<0.001	0.221	0.02	0.002	0.26
*Std OREAS 70b	0.110	<0.001	0.222	0.01	0.002	0.26
*Std SU-1B	0.068	<0.001	1.904	0.05	0.008	>10.00
*Rep A00507429	0.084	<0.001	0.259	0.02	<0.002	<0.01
*Std OREAS 680	0.116	<0.001	2.156	0.11	0.227	4.63
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507396	<0.005	0.0006	16.7	<0.005	<0.001	0.04
A00507397	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00507398	<0.005	0.0007	16.1	<0.005	<0.001	0.04
A00507399	<0.005	0.0030	18.6	<0.005	0.010	0.43
A00507400	<0.005	0.0012	22.3	<0.005	0.007	0.18
A00507401	<0.005	0.0008	16.6	<0.005	<0.001	0.08
A00507402	<0.005	0.0006	16.3	<0.005	<0.001	0.05
A00507403	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507404	<0.005	0.0010	17.1	<0.005	<0.001	0.11
A00507405	<0.005	0.0009	16.9	<0.005	<0.001	0.09
A00507406	<0.005	0.0006	16.4	<0.005	<0.001	0.04
A00507407	<0.005	0.0005	16.2	<0.005	<0.001	0.03
A00507408	<0.005	0.0005	16.4	<0.005	<0.001	0.02
A00507409	<0.005	0.0005	16.4	<0.005	<0.001	0.04
A00507410	<0.005	<0.0005	27.4	<0.005	0.003	<0.01
A00507411	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507412	<0.005	0.0006	16.4	<0.005	<0.001	0.04
A00507413	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00507414	<0.005	0.0006	16.7	<0.005	<0.001	0.03
A00507415	<0.005	0.0006	16.9	<0.005	<0.001	0.03
A00507416	<0.005	0.0006	16.7	<0.005	<0.001	0.04
A00507417	<0.005	0.0006	17.0	<0.005	<0.001	0.04
A00507418	<0.005	0.0006	16.9	<0.005	<0.001	0.03
A00507419	<0.005	0.0006	16.9	<0.005	<0.001	0.03
A00507420	<0.005	0.0006	17.0	<0.005	<0.001	0.04
A00507421	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00507422	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507423	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00507424	<0.005	0.0006	16.9	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507425	<0.005	0.0012	22.4	<0.005	0.007	0.18
A00507426	<0.005	0.0018	17.0	<0.005	<0.001	0.22
A00507427	<0.005	0.0006	16.7	<0.005	<0.001	0.03
A00507428	<0.005	0.0007	16.8	<0.005	<0.001	0.04
A00507429	<0.005	0.0006	17.1	<0.005	<0.001	0.04
A00507430	<0.005	<0.0005	27.1	<0.005	0.003	<0.01
A00507431	<0.005	0.0007	15.9	<0.005	<0.001	0.05
A00507432	<0.005	0.0006	17.0	<0.005	<0.001	0.04
A00507433	<0.005	0.0007	16.5	<0.005	<0.001	0.04
A00507434	<0.005	0.0007	16.5	<0.005	<0.001	0.04
A00507435	<0.005	0.0006	16.6	<0.005	<0.001	0.03
A00507436	<0.005	0.0005	15.9	<0.005	<0.001	0.02
A00507437	<0.005	0.0005	16.3	<0.005	<0.001	0.02
A00507438	<0.005	0.0005	16.8	<0.005	<0.001	0.02
A00507439	<0.005	0.0005	15.2	<0.005	<0.001	0.04
A00507440	<0.005	0.0018	22.3	<0.005	0.035	1.02
A00507441	<0.005	0.0006	16.8	<0.005	<0.001	0.03
A00507442	<0.005	0.0006	16.0	<0.005	<0.001	0.03
A00507443	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507444	<0.005	0.0006	16.4	0.005	<0.001	0.02
A00507445	<0.005	<0.0005	27.2	<0.005	0.003	<0.01
A00507446	<0.005	0.0005	16.5	<0.005	<0.001	0.02
A00507447	<0.005	0.0005	15.6	<0.005	<0.001	0.02
A00507448	<0.005	0.0006	16.3	<0.005	<0.001	0.02
A00507449	<0.005	0.0005	15.8	<0.005	<0.001	0.03
A00507450	<0.005	0.0005	15.6	<0.005	<0.001	0.04
A00507451	<0.005	0.0006	16.0	<0.005	<0.001	0.03
A00507452	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507453	<0.005	0.0006	15.7	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507454	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507455	<0.005	0.0008	16.7	<0.005	<0.001	0.06
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0021	19.3	<0.005	0.041	0.49
*Std SU-1B	<0.005	0.0008	14.8	<0.005	0.028	0.22
*Std OREAS 70b	<0.005	0.0011	21.9	<0.005	0.007	0.17
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507400	<0.005	0.0012	22.3	<0.005	0.007	0.18
*Std OREAS 70b	<0.005	0.0011	22.3	<0.005	0.007	0.18
*Std SU-1B	<0.005	0.0008	14.9	<0.005	0.028	0.23
*Rep A00507429	<0.005	0.0006	16.5	<0.005	<0.001	0.04
*Std OREAS 680	<0.005	0.0021	19.1	<0.005	0.040	0.49
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.02

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507396	0.004	<0.005	<0.0005	0.005	-	-
A00507397	0.004	<0.005	<0.0005	0.004	-	-
A00507398	0.005	<0.005	<0.0005	0.006	-	-
A00507399	0.020	<0.005	0.0013	0.007	-	-
A00507400	0.007	<0.005	0.0009	0.010	-	-
A00507401	0.006	<0.005	<0.0005	0.006	-	-
A00507402	0.004	<0.005	<0.0005	0.006	-	-
A00507403	0.002	<0.005	<0.0005	0.003	-	24.56

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507404	0.007	<0.005	<0.0005	0.005	-	-
A00507405	0.006	<0.005	<0.0005	0.005	-	-
A00507406	0.004	<0.005	<0.0005	0.004	-	-
A00507407	0.003	<0.005	<0.0005	0.003	-	-
A00507408	0.003	<0.005	<0.0005	0.004	-	-
A00507409	0.004	<0.005	<0.0005	0.004	-	-
A00507410	<0.001	<0.005	<0.0005	0.002	-	-
A00507411	0.004	<0.005	<0.0005	0.004	-	-
A00507412	0.004	<0.005	<0.0005	0.004	-	-
A00507413	0.003	<0.005	<0.0005	0.006	-	-
A00507414	0.003	<0.005	<0.0005	0.004	-	-
A00507415	0.004	<0.005	<0.0005	0.004	-	-
A00507416	0.004	<0.005	<0.0005	0.004	-	-
A00507417	0.004	<0.005	<0.0005	0.004	-	24.74
A00507418	0.003	<0.005	<0.0005	0.004	-	-
A00507419	0.003	<0.005	<0.0005	0.004	-	-
A00507420	0.003	<0.005	<0.0005	0.004	-	24.72
A00507421	0.003	<0.005	<0.0005	0.004	-	-
A00507422	0.003	<0.005	<0.0005	0.004	-	-
A00507423	0.003	<0.005	<0.0005	0.004	-	-
A00507424	0.003	<0.005	<0.0005	0.003	-	-
A00507425	0.007	<0.005	0.0009	0.011	-	-
A00507426	0.012	<0.005	0.0006	0.004	-	-
A00507427	0.003	<0.005	<0.0005	0.004	-	-
A00507428	0.004	<0.005	<0.0005	0.004	-	-
A00507429	0.003	<0.005	<0.0005	0.005	-	-
A00507430	<0.001	<0.005	<0.0005	0.002	-	-
A00507431	0.003	<0.005	<0.0005	0.003	-	-
A00507432	0.003	<0.005	<0.0005	0.004	2.63	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507433	0.003	<0.005	<0.0005	0.003	-	-
A00507434	0.004	<0.005	<0.0005	0.002	-	-
A00507435	0.004	<0.005	<0.0005	0.004	-	-
A00507436	0.003	<0.005	<0.0005	0.004	-	-
A00507437	0.002	<0.005	<0.0005	0.004	-	25.50
A00507438	0.002	<0.005	<0.0005	0.004	-	24.68
A00507439	0.003	<0.005	<0.0005	0.006	-	-
A00507440	0.015	<0.005	0.0019	0.010	-	-
A00507441	0.003	<0.005	<0.0005	0.004	-	24.78
A00507442	0.003	<0.005	<0.0005	0.005	-	-
A00507443	0.003	<0.005	<0.0005	0.005	-	-
A00507444	0.003	<0.005	<0.0005	0.006	-	-
A00507445	<0.001	<0.005	<0.0005	0.002	-	-
A00507446	0.003	<0.005	<0.0005	0.004	-	-
A00507447	0.003	<0.005	<0.0005	0.004	-	-
A00507448	0.003	<0.005	<0.0005	0.005	-	-
A00507449	0.003	<0.005	<0.0005	0.005	-	-
A00507450	0.003	<0.005	<0.0005	0.005	-	-
A00507451	0.003	<0.005	<0.0005	0.005	-	-
A00507452	0.003	<0.005	<0.0005	0.005	-	-
A00507453	0.003	<0.005	<0.0005	0.004	-	-
A00507454	0.004	<0.005	<0.0005	0.005	-	-
A00507455	0.004	<0.005	<0.0005	0.004	-	-
*Blk BLANK	-	-	-	-	-	<0.01
*Rep A00507403	-	-	-	-	-	24.67
*Std OREAS 70b	-	-	-	-	-	13.90
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.224	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A017 /
734 Core (297-356)
Number of Samples 60

ANALYSIS REPORT BBM21-09982

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
*Std SU-1B	0.010	<0.005	0.0007	0.026	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.010	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507400	0.007	<0.005	0.0010	0.011	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-	-
*Std SU-1B	0.010	<0.005	0.0006	0.025	-	-
*Rep A00507429	0.003	<0.005	<0.0005	0.005	-	-
*Std OREAS 680	0.022	<0.005	0.0015	0.220	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-

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

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ANALYSIS REPORT BBM21-09983

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	08-Jun-2021 - 13-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A018 / 734 Core (357-414)	Date Completed	13-Aug-2021
		SGS Order Number	BBM21-09983
Number of Samples	58		

Methods Summary

Number of Sample	Method Code	Description
58	G_WGH_KG	Weight of samples received
52	G_PRP	Combined Sample Preparation
58	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
58	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
58	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507456	2.63	<5	<10	<5	7.07	<0.003
A00507457	0.98	<5	<10	<5	1.30	<0.003
A00507458	4.41	<5	<10	<5	8.10	<0.003
A00507459	2.21	<5	<10	<5	7.42	<0.003
A00507460	0.08	11	<10	12	3.64	0.012
A00507461	3.11	<5	<10	<5	0.80	<0.003
A00507462	3.16	<5	<10	<5	0.63	<0.003
A00507463	3.91	<5	<10	<5	0.55	<0.003
A00507464	3.24	<5	<10	6	0.55	<0.003
A00507465	-	<5	10	7	0.58	<0.003
A00507466	3.88	<5	<10	<5	0.57	<0.003
A00507467	3.35	<5	<10	<5	0.64	<0.003
A00507468	3.88	<5	20	<5	0.61	<0.003
A00507469	3.62	<5	<10	<5	0.74	<0.003
A00507470	0.13	<5	<10	<5	11.67	<0.003
A00507471	3.18	<5	<10	<5	1.61	<0.003
A00507472	3.68	<5	<10	<5	0.64	<0.003
A00507473	3.66	<5	<10	<5	0.59	<0.003
A00507474	3.24	<5	<10	<5	0.60	<0.003
A00507475	3.32	<5	<10	<5	0.55	<0.003
A00507476	3.41	<5	<10	<5	0.67	<0.003
A00507477	3.07	<5	<10	<5	0.69	<0.003
A00507478	3.46	<5	<10	<5	0.69	<0.003
A00507479	3.51	<5	<10	6	0.62	<0.003
A00507480	-	6	<10	5	0.64	<0.003
A00507481	3.18	<5	<10	<5	0.73	<0.003
A00507482	4.39	<5	<10	<5	0.65	<0.003
A00507483	3.72	<5	<10	<5	0.60	<0.003
A00507484	3.14	<5	<10	<5	0.64	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507485	0.13	<5	<10	<5	11.57	<0.003
A00507486	3.79	<5	<10	<5	0.96	<0.003
A00507487	3.94	9	<10	<5	1.07	<0.003
A00507488	4.10	<5	<10	<5	6.68	<0.003
A00507489	4.43	<5	<10	<5	7.74	<0.003
A00507490	0.08	8	<10	11	3.81	0.015
A00507491	4.18	7	<10	<5	8.62	<0.003
A00507492	3.91	6	<10	<5	8.53	<0.003
A00507493	3.06	<5	<10	<5	8.39	<0.003
A00507494	3.76	<5	<10	7	2.43	<0.003
A00507495	3.89	46	<10	8	2.71	<0.003
A00507496	2.93	<5	<10	8	3.09	<0.003
A00507497	3.73	6	<10	<5	7.11	<0.003
A00507498	3.92	<5	<10	<5	8.40	<0.003
A00507499	3.88	<5	<10	<5	8.56	0.004
A00507500	0.14	<5	<10	<5	12.28	<0.003
A00507501	3.62	<5	<10	<5	8.54	<0.003
A00507502	4.01	<5	<10	<5	8.63	<0.003
A00507503	3.78	<5	<10	<5	8.56	<0.003
A00507504	3.90	<5	<10	<5	8.71	<0.003
A00507505	-	<5	<10	<5	8.73	<0.003
A00507506	4.08	<5	<10	<5	8.40	<0.003
A00507507	3.96	<5	<10	<5	8.00	<0.003
A00507508	3.54	<5	<10	<5	7.70	<0.003
A00507509	3.13	<5	<10	<5	8.05	<0.003
A00507510	0.08	8	<10	12	3.86	0.015
A00507511	3.53	<5	<10	<5	8.11	<0.003
A00507512	3.37	<5	<10	<5	8.77	<0.003
A00507513	3.29	<5	<10	<5	8.60	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
*Dup A00507494	-	<5	<10	7	2.41	<0.003
*Std OREAS 680	-	158	400	220	-	-
*Std PGMS-29	-	87	580	701	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	7.17	0.010
*Std SU-1B	-	-	-	-	4.29	0.003
*Std OREAS 70b	-	-	-	-	3.81	0.015
*Blk BLANK	-	-	-	-	0.02	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507457	-	-	-	-	1.31	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	6.75	0.010
*Std SU-1B	-	-	-	-	4.08	<0.003
*Rep A00507485	-	-	-	-	11.91	<0.003
*Std OREAS 70b	-	-	-	-	3.67	0.009
*Std PGMS-27	-	4890	1180	1880	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507487	-	9	<10	<5	-	-
*Std OREAS 45f	-	21	40	62	-	-
*Rep A00507502	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	159	420	213	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507456	0.015	<0.0005	14.0	<0.001	0.003	0.034
A00507457	<0.001	<0.0005	0.3	<0.001	0.009	0.321
A00507458	0.003	<0.0005	13.5	<0.001	0.004	0.022
A00507459	0.015	<0.0005	12.1	<0.001	0.004	0.023
A00507460	0.019	<0.0005	3.1	<0.001	0.007	0.117
A00507461	<0.001	<0.0005	<0.1	<0.001	0.010	0.225
A00507462	<0.001	<0.0005	<0.1	<0.001	0.010	0.359
A00507463	<0.001	<0.0005	<0.1	<0.001	0.010	0.266
A00507464	<0.001	<0.0005	<0.1	<0.001	0.010	0.337
A00507465	<0.001	<0.0005	<0.1	<0.001	0.011	0.328
A00507466	<0.001	<0.0005	<0.1	<0.001	0.009	0.329
A00507467	<0.001	<0.0005	<0.1	<0.001	0.010	0.326
A00507468	<0.001	<0.0005	<0.1	<0.001	0.011	0.355
A00507469	<0.001	<0.0005	<0.1	<0.001	0.009	0.354
A00507470	0.003	<0.0005	0.2	<0.001	<0.001	0.008
A00507471	<0.001	<0.0005	0.5	<0.001	0.008	0.285
A00507472	<0.001	<0.0005	<0.1	<0.001	0.010	0.362
A00507473	<0.001	<0.0005	<0.1	<0.001	0.011	0.384
A00507474	<0.001	<0.0005	<0.1	<0.001	0.010	0.366
A00507475	<0.001	<0.0005	<0.1	<0.001	0.009	0.320
A00507476	<0.001	<0.0005	<0.1	<0.001	0.009	0.195
A00507477	<0.001	<0.0005	<0.1	<0.001	0.009	0.227
A00507478	<0.001	<0.0005	<0.1	<0.001	0.010	0.185
A00507479	<0.001	<0.0005	0.1	<0.001	0.009	0.191
A00507480	<0.001	<0.0005	<0.1	<0.001	0.010	0.194
A00507481	<0.001	<0.0005	<0.1	<0.001	0.010	0.226
A00507482	<0.001	<0.0005	<0.1	<0.001	0.009	0.202
A00507483	<0.001	<0.0005	<0.1	<0.001	0.009	0.196
A00507484	<0.001	<0.0005	0.2	<0.001	0.009	0.228

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507485	0.002	<0.0005	0.2	<0.001	<0.001	0.002
A00507486	<0.001	<0.0005	0.5	<0.001	0.008	0.230
A00507487	<0.001	<0.0005	1.0	<0.001	0.009	0.202
A00507488	0.005	<0.0005	7.4	<0.001	0.004	0.067
A00507489	0.017	<0.0005	11.9	<0.001	0.004	0.017
A00507490	0.020	<0.0005	3.1	<0.001	0.008	0.114
A00507491	0.031	<0.0005	7.2	<0.001	0.004	0.016
A00507492	0.033	<0.0005	7.6	<0.001	0.004	0.017
A00507493	0.013	<0.0005	8.8	<0.001	0.004	0.016
A00507494	<0.001	<0.0005	3.0	<0.001	0.008	0.196
A00507495	<0.001	<0.0005	3.9	<0.001	0.008	0.201
A00507496	<0.001	<0.0005	5.5	<0.001	0.008	0.192
A00507497	0.086	<0.0005	4.3	<0.001	0.005	0.077
A00507498	0.024	<0.0005	4.1	<0.001	0.003	0.016
A00507499	0.012	<0.0005	3.9	<0.001	0.003	0.010
A00507500	0.003	<0.0005	0.3	<0.001	<0.001	<0.001
A00507501	0.012	<0.0005	5.1	<0.001	0.003	0.010
A00507502	0.014	<0.0005	3.9	<0.001	0.003	0.010
A00507503	0.017	<0.0005	4.8	<0.001	0.003	0.011
A00507504	0.013	<0.0005	6.0	<0.001	0.003	0.012
A00507505	0.012	<0.0005	6.2	<0.001	0.003	0.012
A00507506	0.009	<0.0005	5.1	<0.001	0.003	0.011
A00507507	0.008	<0.0005	5.0	<0.001	0.003	0.011
A00507508	0.024	<0.0005	6.7	<0.001	0.003	0.010
A00507509	0.012	<0.0005	4.6	<0.001	0.003	0.012
A00507510	0.020	<0.0005	3.1	<0.001	0.008	0.119
A00507511	0.013	<0.0005	4.7	<0.001	0.003	0.011
A00507512	0.023	<0.0005	5.9	<0.001	0.003	0.011
A00507513	0.025	<0.0005	4.9	<0.001	0.003	0.010

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
*Dup A00507494	<0.001	<0.0005	2.9	<0.001	0.009	0.188
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.067	<0.0005	5.7	<0.001	0.040	0.207
*Std SU-1B	0.036	<0.0005	2.2	<0.001	0.063	0.034
*Std OREAS 70b	0.021	<0.0005	3.1	<0.001	0.008	0.120
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507457	<0.001	<0.0005	0.3	<0.001	0.009	0.324
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.063	<0.0005	5.5	<0.001	0.039	0.197
*Std SU-1B	0.035	<0.0005	2.1	<0.001	0.059	0.033
*Rep A00507485	0.002	<0.0005	0.3	<0.001	<0.001	0.002
*Std OREAS 70b	0.019	<0.0005	3.0	<0.001	0.007	0.118

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507456	0.015	7.08	0.7	<0.001	0.005	5.95
A00507457	0.015	6.31	<0.1	<0.001	<0.001	22.19
A00507458	0.004	7.76	0.1	<0.001	0.004	5.38
A00507459	0.003	7.71	0.8	<0.001	0.005	6.06
A00507460	0.006	5.34	0.6	0.001	0.003	13.38
A00507461	0.003	5.26	<0.1	<0.001	<0.001	23.53
A00507462	<0.001	5.11	<0.1	<0.001	<0.001	23.95
A00507463	<0.001	5.17	<0.1	<0.001	<0.001	24.55
A00507464	<0.001	5.39	<0.1	<0.001	<0.001	23.84

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507465	<0.001	5.31	<0.1	<0.001	<0.001	24.06
A00507466	<0.001	5.40	<0.1	<0.001	<0.001	23.93
A00507467	<0.001	5.28	<0.1	<0.001	<0.001	24.30
A00507468	<0.001	4.59	<0.1	<0.001	<0.001	24.29
A00507469	<0.001	5.41	<0.1	<0.001	<0.001	23.25
A00507470	<0.001	0.54	3.8	<0.001	0.003	0.16
A00507471	0.001	5.30	<0.1	<0.001	<0.001	22.18
A00507472	<0.001	5.70	<0.1	<0.001	<0.001	23.84
A00507473	<0.001	5.54	<0.1	<0.001	<0.001	24.19
A00507474	<0.001	5.48	<0.1	<0.001	<0.001	23.36
A00507475	<0.001	5.71	<0.1	<0.001	<0.001	23.96
A00507476	<0.001	5.71	<0.1	<0.001	<0.001	23.84
A00507477	<0.001	6.00	<0.1	<0.001	<0.001	23.70
A00507478	0.001	5.37	<0.1	<0.001	<0.001	23.76
A00507479	<0.001	5.54	<0.1	<0.001	<0.001	23.54
A00507480	<0.001	5.73	<0.1	<0.001	<0.001	23.60
A00507481	<0.001	5.35	<0.1	<0.001	<0.001	24.05
A00507482	<0.001	5.33	<0.1	<0.001	<0.001	23.69
A00507483	<0.001	5.72	<0.1	<0.001	<0.001	24.05
A00507484	0.001	5.35	<0.1	<0.001	<0.001	24.10
A00507485	<0.001	0.58	3.8	<0.001	0.003	0.24
A00507486	<0.001	5.35	<0.1	<0.001	<0.001	22.57
A00507487	<0.001	5.55	<0.1	<0.001	<0.001	22.18
A00507488	0.004	5.66	0.2	0.002	0.004	11.67
A00507489	0.008	7.48	0.8	<0.001	0.002	4.95
A00507490	0.006	5.37	0.6	0.001	0.003	13.05
A00507491	0.010	8.11	1.0	<0.001	0.003	5.13
A00507492	0.010	8.04	1.0	<0.001	0.003	5.15
A00507493	0.009	8.31	0.5	<0.001	0.003	5.24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507494	0.006	6.16	<0.1	<0.001	<0.001	16.02
A00507495	0.004	6.46	<0.1	<0.001	<0.001	16.15
A00507496	0.005	6.24	<0.1	<0.001	<0.001	13.80
A00507497	0.007	5.24	2.5	<0.001	0.002	7.00
A00507498	0.008	4.54	0.9	<0.001	0.002	4.04
A00507499	0.008	5.30	0.5	0.001	0.002	4.29
A00507500	<0.001	0.61	3.9	<0.001	0.003	0.09
A00507501	0.007	4.69	0.4	0.001	0.002	3.74
A00507502	0.006	5.92	0.4	<0.001	0.002	3.98
A00507503	0.006	5.94	0.4	<0.001	0.001	3.44
A00507504	0.007	5.46	0.3	<0.001	<0.001	2.85
A00507505	0.007	5.43	0.3	<0.001	<0.001	2.75
A00507506	0.008	5.51	0.2	<0.001	0.001	2.82
A00507507	0.008	6.02	0.3	<0.001	0.001	3.23
A00507508	0.007	5.45	1.0	<0.001	0.002	3.18
A00507509	0.007	4.92	0.4	<0.001	<0.001	2.75
A00507510	0.006	5.46	0.6	0.002	0.004	13.13
A00507511	0.008	5.32	0.4	<0.001	0.001	2.50
A00507512	0.007	3.91	0.7	0.001	<0.001	2.27
A00507513	0.006	4.60	0.8	0.001	0.001	2.47
*Dup A00507494	0.006	6.16	<0.1	<0.001	<0.001	15.92
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.01
*Std OREAS 680	0.907	11.59	1.3	0.002	0.001	3.57
*Std SU-1B	1.183	>25.00	0.6	0.001	<0.001	1.82
*Std OREAS 70b	0.005	5.49	0.6	0.001	0.003	13.48
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507457	0.017	6.34	<0.1	<0.001	<0.001	22.33
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Std OREAS 680	0.874	11.33	1.2	0.002	0.001	3.65
*Std SU-1B	1.137	24.49	0.6	0.001	0.001	1.77
*Rep A00507485	<0.001	0.60	3.8	<0.001	0.003	0.23
*Std OREAS 70b	0.005	5.39	0.6	0.001	0.003	13.30

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507456	0.165	<0.001	0.029	0.04	<0.002	<0.05
A00507457	0.073	<0.001	0.260	<0.01	<0.002	<0.05
A00507458	0.149	<0.001	0.021	0.04	<0.002	<0.05
A00507459	0.138	<0.001	0.021	0.03	<0.002	<0.05
A00507460	0.106	<0.001	0.211	0.02	<0.002	0.26
A00507461	0.064	<0.001	0.268	<0.01	<0.002	<0.05
A00507462	0.076	<0.001	0.252	<0.01	<0.002	<0.05
A00507463	0.081	<0.001	0.247	<0.01	<0.002	<0.05
A00507464	0.079	<0.001	0.267	0.02	<0.002	<0.05
A00507465	0.079	<0.001	0.272	0.01	<0.002	<0.05
A00507466	0.079	<0.001	0.246	<0.01	<0.002	<0.05
A00507467	0.084	<0.001	0.259	<0.01	<0.002	<0.05
A00507468	0.085	<0.001	0.252	<0.01	<0.002	<0.05
A00507469	0.070	<0.001	0.257	<0.01	<0.002	<0.05
A00507470	0.010	<0.001	<0.001	<0.01	<0.002	<0.05
A00507471	0.060	<0.001	0.231	0.02	<0.002	<0.05
A00507472	0.082	<0.001	0.250	0.01	<0.002	<0.05
A00507473	0.090	<0.001	0.243	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507474	0.082	<0.001	0.238	<0.01	<0.002	<0.05
A00507475	0.090	<0.001	0.242	<0.01	<0.002	<0.05
A00507476	0.075	<0.001	0.248	<0.01	<0.002	<0.05
A00507477	0.077	<0.001	0.240	<0.01	<0.002	<0.05
A00507478	0.081	<0.001	0.240	<0.01	<0.002	<0.05
A00507479	0.087	<0.001	0.247	<0.01	<0.002	<0.05
A00507480	0.084	<0.001	0.257	<0.01	<0.002	<0.05
A00507481	0.086	<0.001	0.247	<0.01	<0.002	<0.05
A00507482	0.085	<0.001	0.235	<0.01	<0.002	<0.05
A00507483	0.098	<0.001	0.243	<0.01	<0.002	<0.05
A00507484	0.090	<0.001	0.232	<0.01	<0.002	<0.05
A00507485	0.011	<0.001	0.002	<0.01	<0.002	<0.05
A00507486	0.081	<0.001	0.231	<0.01	<0.002	<0.05
A00507487	0.090	<0.001	0.215	<0.01	<0.002	<0.05
A00507488	0.159	<0.001	0.081	0.03	<0.002	<0.05
A00507489	0.143	<0.001	0.019	0.02	<0.002	<0.05
A00507490	0.116	<0.001	0.210	0.03	<0.002	0.26
A00507491	0.134	<0.001	0.020	0.02	<0.002	<0.05
A00507492	0.136	<0.001	0.020	0.02	<0.002	<0.05
A00507493	0.146	<0.001	0.019	0.03	<0.002	<0.05
A00507494	0.094	<0.001	0.166	0.02	<0.002	0.45
A00507495	0.118	<0.001	0.148	0.02	<0.002	0.47
A00507496	0.099	<0.001	0.130	0.02	<0.002	0.12
A00507497	0.112	<0.001	0.054	0.06	<0.002	<0.05
A00507498	0.061	<0.001	0.012	0.06	<0.002	<0.05
A00507499	0.057	<0.001	0.009	0.07	<0.002	<0.05
A00507500	0.011	<0.001	0.001	<0.01	0.002	<0.05
A00507501	0.057	<0.001	0.009	0.06	<0.002	<0.05
A00507502	0.072	<0.001	0.009	0.05	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507503	0.087	<0.001	0.010	0.06	<0.002	<0.05
A00507504	0.092	<0.001	0.011	0.06	<0.002	0.10
A00507505	0.091	<0.001	0.011	0.06	<0.002	0.09
A00507506	0.095	<0.001	0.009	0.05	<0.002	0.07
A00507507	0.098	<0.001	0.011	0.05	<0.002	0.07
A00507508	0.088	<0.001	0.011	0.05	<0.002	<0.05
A00507509	0.081	<0.001	0.010	0.06	<0.002	0.09
A00507510	0.114	<0.001	0.225	0.04	<0.002	0.25
A00507511	0.081	<0.001	0.009	0.07	<0.002	0.30
A00507512	0.088	<0.001	0.008	0.06	<0.002	<0.05
A00507513	0.094	<0.001	0.009	0.05	<0.002	<0.05
*Dup A00507494	0.095	<0.001	0.159	0.02	<0.002	0.44
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 680	0.129	<0.001	2.122	0.13	0.247	5.37
*Std SU-1B	0.072	<0.001	1.944	0.07	0.006	>10.00
*Std OREAS 70b	0.116	<0.001	0.221	0.03	<0.002	0.26
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507457	0.074	<0.001	0.264	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 680	0.122	<0.001	2.021	0.11	0.245	5.57
*Std SU-1B	0.067	<0.001	1.799	0.05	0.007	>10.00
*Rep A00507485	0.011	<0.001	0.001	<0.01	<0.002	<0.05
*Std OREAS 70b	0.112	<0.001	0.207	0.01	<0.002	0.25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507456	<0.005	0.0030	18.6	<0.005	0.029	0.40
A00507457	<0.005	0.0006	16.9	<0.005	<0.001	0.04
A00507458	<0.005	0.0033	18.0	<0.005	0.046	0.44
A00507459	<0.005	0.0035	17.9	<0.005	0.043	0.45
A00507460	<0.005	0.0012	21.9	<0.005	0.007	0.19
A00507461	<0.005	0.0006	16.7	<0.005	<0.001	0.04
A00507462	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507463	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507464	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507465	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507466	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507467	<0.005	0.0006	16.8	<0.005	<0.001	0.04
A00507468	<0.005	0.0007	16.5	<0.005	<0.001	0.03
A00507469	<0.005	0.0006	16.3	<0.005	<0.001	0.04
A00507470	<0.005	<0.0005	26.0	<0.005	0.002	0.01
A00507471	<0.005	0.0009	16.7	<0.005	<0.001	0.08
A00507472	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507473	<0.005	0.0007	16.5	<0.005	<0.001	0.03
A00507474	<0.005	0.0006	15.9	<0.005	<0.001	0.03
A00507475	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507476	<0.005	0.0007	16.6	0.007	<0.001	0.04
A00507477	<0.005	0.0007	16.4	<0.005	<0.001	0.04
A00507478	<0.005	0.0006	16.2	<0.005	<0.001	0.04
A00507479	<0.005	0.0007	16.2	<0.005	<0.001	0.03
A00507480	<0.005	0.0007	16.2	<0.005	<0.001	0.04
A00507481	<0.005	0.0006	16.6	<0.005	<0.001	0.05
A00507482	<0.005	0.0007	16.4	<0.005	<0.001	0.03
A00507483	<0.005	0.0006	16.6	<0.005	<0.001	0.04
A00507484	<0.005	0.0006	16.6	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507485	<0.005	<0.0005	26.7	<0.005	0.003	<0.01
A00507486	<0.005	0.0008	16.5	<0.005	<0.001	0.05
A00507487	<0.005	0.0009	16.8	<0.005	<0.001	0.06
A00507488	<0.005	0.0011	18.1	<0.005	0.013	0.18
A00507489	<0.005	0.0031	20.7	<0.005	0.026	0.42
A00507490	<0.005	0.0011	22.5	<0.005	0.007	0.17
A00507491	<0.005	0.0033	21.1	<0.005	0.016	0.47
A00507492	<0.005	0.0033	21.3	<0.005	0.020	0.46
A00507493	<0.005	0.0033	20.4	<0.005	0.026	0.47
A00507494	<0.005	0.0016	20.8	<0.005	<0.001	0.12
A00507495	<0.005	0.0017	18.4	<0.005	<0.001	0.15
A00507496	<0.005	0.0018	21.7	<0.005	<0.001	0.17
A00507497	<0.005	0.0023	24.3	<0.005	0.004	0.43
A00507498	<0.005	0.0021	25.2	<0.005	0.011	0.45
A00507499	<0.005	0.0025	25.0	<0.005	0.012	0.51
A00507500	<0.005	<0.0005	27.9	<0.005	0.003	<0.01
A00507501	<0.005	0.0022	25.8	<0.005	0.012	0.48
A00507502	<0.005	0.0023	24.0	<0.005	0.014	0.49
A00507503	<0.005	0.0025	24.4	<0.005	0.015	0.51
A00507504	<0.005	0.0024	25.6	<0.005	0.015	0.50
A00507505	<0.005	0.0024	25.6	<0.005	0.015	0.50
A00507506	<0.005	0.0023	25.9	<0.005	0.014	0.49
A00507507	<0.005	0.0024	24.2	<0.005	0.011	0.46
A00507508	<0.005	0.0024	24.5	<0.005	0.010	0.44
A00507509	<0.005	0.0023	25.9	<0.005	0.013	0.47
A00507510	<0.005	0.0011	22.7	<0.005	0.007	0.18
A00507511	<0.005	0.0022	27.0	<0.005	0.013	0.46
A00507512	<0.005	0.0021	27.3	<0.005	0.021	0.48
A00507513	<0.005	0.0023	26.5	<0.005	0.017	0.47

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
*Dup A00507494	<0.005	0.0015	21.0	<0.005	<0.001	0.12
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0021	20.1	<0.005	0.043	0.49
*Std SU-1B	<0.005	0.0008	15.4	<0.005	0.029	0.22
*Std OREAS 70b	<0.005	0.0011	22.6	<0.005	0.007	0.18
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507457	<0.005	0.0006	16.9	<0.005	<0.001	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0021	19.3	<0.005	0.041	0.49
*Std SU-1B	<0.005	0.0008	14.8	<0.005	0.028	0.22
*Rep A00507485	<0.005	<0.0005	27.1	<0.005	0.003	<0.01
*Std OREAS 70b	<0.005	0.0011	21.9	<0.005	0.007	0.17

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507456	0.020	<0.005	0.0012	0.008	-
A00507457	0.004	<0.005	<0.0005	0.002	-
A00507458	0.023	<0.005	0.0013	0.009	-
A00507459	0.023	<0.005	0.0014	0.010	-
A00507460	0.007	<0.005	0.0009	0.010	-
A00507461	0.003	<0.005	<0.0005	0.003	-
A00507462	0.003	<0.005	<0.0005	0.005	-
A00507463	0.003	<0.005	<0.0005	0.004	-
A00507464	0.003	<0.005	<0.0005	0.005	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507465	0.004	<0.005	<0.0005	0.005	-
A00507466	0.004	<0.005	<0.0005	0.005	-
A00507467	0.004	<0.005	<0.0005	0.004	-
A00507468	0.003	<0.005	<0.0005	0.006	2.65
A00507469	0.003	<0.005	<0.0005	0.005	-
A00507470	<0.001	<0.005	0.0006	0.002	-
A00507471	0.005	<0.005	<0.0005	0.004	-
A00507472	0.003	<0.005	<0.0005	0.006	-
A00507473	0.004	<0.005	<0.0005	0.009	-
A00507474	0.004	<0.005	<0.0005	0.007	-
A00507475	0.003	<0.005	<0.0005	0.007	-
A00507476	0.003	<0.005	<0.0005	0.003	-
A00507477	0.004	<0.005	<0.0005	0.004	-
A00507478	0.003	<0.005	<0.0005	0.003	-
A00507479	0.003	<0.005	<0.0005	0.003	-
A00507480	0.003	<0.005	<0.0005	0.003	-
A00507481	0.004	<0.005	<0.0005	0.003	-
A00507482	0.003	<0.005	<0.0005	0.003	-
A00507483	0.003	<0.005	<0.0005	0.004	-
A00507484	0.003	<0.005	<0.0005	0.004	-
A00507485	<0.001	<0.005	<0.0005	0.002	-
A00507486	0.004	<0.005	<0.0005	0.003	-
A00507487	0.005	<0.005	<0.0005	0.004	-
A00507488	0.009	<0.005	0.0011	0.009	-
A00507489	0.022	<0.005	0.0013	0.008	-
A00507490	0.007	<0.005	0.0009	0.013	-
A00507491	0.023	<0.005	0.0014	0.012	-
A00507492	0.023	<0.005	0.0014	0.011	-
A00507493	0.023	<0.005	0.0014	0.008	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)
Number of Samples 58

ANALYSIS REPORT BBM21-09983

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507494	0.010	<0.005	<0.0005	0.006	-
A00507495	0.011	<0.005	0.0006	0.005	-
A00507496	0.012	<0.005	0.0006	0.006	-
A00507497	0.016	<0.005	0.0015	0.006	-
A00507498	0.016	<0.005	0.0015	0.009	-
A00507499	0.018	<0.005	0.0016	0.007	-
A00507500	<0.001	<0.005	<0.0005	0.002	-
A00507501	0.016	<0.005	0.0015	0.007	-
A00507502	0.017	<0.005	0.0016	0.008	-
A00507503	0.019	<0.005	0.0017	0.007	-
A00507504	0.018	<0.005	0.0017	0.007	-
A00507505	0.018	<0.005	0.0017	0.007	-
A00507506	0.017	<0.005	0.0015	0.010	2.86
A00507507	0.017	<0.005	0.0015	0.011	-
A00507508	0.018	<0.005	0.0013	0.009	-
A00507509	0.017	<0.005	0.0016	0.007	-
A00507510	0.007	<0.005	0.0009	0.010	-
A00507511	0.017	<0.005	0.0014	0.011	-
A00507512	0.016	<0.005	0.0015	0.008	-
A00507513	0.017	<0.005	0.0016	0.007	-
*Dup A00507494	0.009	<0.005	<0.0005	0.005	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 680	0.023	<0.005	0.0015	0.225	-
*Std SU-1B	0.010	<0.005	0.0006	0.025	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Rep A00507457	0.004	<0.005	<0.0005	0.002	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A018 /
734 Core (357-414)	
Number of Samples	58

ANALYSIS REPORT BBM21-09983

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
*Std OREAS 680	0.023	<0.005	0.0015	0.224	-
*Std SU-1B	0.010	<0.005	0.0007	0.026	-
*Rep A00507485	<0.001	<0.005	<0.0005	0.002	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.010	-

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

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ANALYSIS REPORT BBM21-09984

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	03-Jun-2021
Project	MACDIARMID	Date Analysed	09-Jun-2021 - 13-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A019 / 734 Core (415-474)	Date Completed	18-Aug-2021
		SGS Order Number	BBM21-09984
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
54	G_PRP	Combined Sample Preparation
60	G_WGH_KG	Weight of samples received
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
Analytical interferences for Pb is in effect due to Nb in scheme GE_ICP90A50.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A019 / 734 Core (415-474)
Number of Samples	60

ANALYSIS REPORT BBM21-09984

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507514	3.09	<5	<10	<5	0.85	<0.003
A00507515	2.60	<5	<10	5	0.83	<0.003
A00507516	3.23	<5	<10	6	1.05	<0.003
A00507517	3.84	<5	10	<5	0.78	<0.003
A00507518	3.84	<5	<10	<5	0.80	<0.003
A00507519	4.15	<5	<10	5	0.89	<0.003
A00507520	2.95	<5	<10	6	0.84	<0.003
A00507521	2.96	<5	<10	<5	0.80	<0.003
A00507522	3.59	<5	<10	5	0.79	<0.003
A00507523	0.13	<5	<10	<5	12.17	<0.003
A00507524	3.42	<5	<10	6	0.77	<0.003
A00507525	3.92	<5	<10	5	0.80	<0.003
A00507526	2.98	<5	<10	<5	0.76	<0.003
A00507527	3.16	<5	<10	<5	0.80	<0.003
A00507528	0.08	8	<10	12	3.78	0.015
A00507529	2.86	<5	<10	<5	0.77	<0.003
A00507530	2.99	<5	<10	<5	0.77	<0.003
A00507531	3.65	<5	<10	<5	0.84	<0.003
A00507532	3.55	<5	<10	<5	0.75	<0.003
A00507533	4.26	<5	<10	5	0.89	<0.003
A00507534	4.34	<5	<10	<5	0.80	<0.003
A00507535	4.03	<5	<10	6	0.87	<0.003
A00507536	3.23	<5	<10	<5	0.83	<0.003
A00507537	3.72	<5	<10	8	0.83	<0.003
A00507538	0.13	<5	<10	<5	11.69	<0.003
A00507539	3.64	<5	<10	6	0.89	<0.003
A00507540	4.61	<5	<10	<5	0.86	<0.003
A00507541	4.51	<5	<10	<5	0.79	<0.003
A00507542	4.21	<5	<10	<5	0.97	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507543	0.09	7	30	38	7.11	<0.003
A00507544	3.50	<5	<10	<5	1.33	<0.003
A00507545	4.73	<5	<10	5	1.38	<0.003
A00507546	4.07	<5	<10	<5	0.93	<0.003
A00507547	4.16	<5	<10	<5	0.79	<0.003
A00507548	4.16	<5	<10	<5	0.81	<0.003
A00507549	3.90	<5	<10	<5	0.81	<0.003
A00507550	3.46	<5	<10	<5	0.78	<0.003
A00507551	3.41	<5	<10	<5	0.79	<0.003
A00507552	3.05	<5	<10	<5	0.75	<0.003
A00507553	3.11	<5	<10	<5	1.05	<0.003
A00507554	3.28	<5	<10	<5	0.84	<0.003
A00507555	2.50	<5	<10	<5	0.72	<0.003
A00507556	3.37	<5	<10	5	0.84	<0.003
A00507557	3.72	<5	<10	<5	1.04	<0.003
A00507558	-	<5	<10	<5	1.08	<0.003
A00507559	4.74	<5	<10	<5	6.87	<0.003
A00507560	4.39	<5	<10	<5	6.80	<0.003
A00507561	2.90	<5	<10	<5	5.58	<0.003
A00507562	2.20	<5	<10	5	1.12	<0.003
A00507563	0.13	<5	<10	<5	11.96	0.004
A00507564	3.41	<5	<10	<5	0.86	<0.003
A00507565	2.94	<5	<10	<5	0.77	<0.003
A00507566	2.93	<5	<10	<5	0.91	<0.003
A00507567	3.76	<5	<10	<5	1.02	<0.003
A00507568	0.09	16	<10	12	3.66	0.015
A00507569	3.76	<5	<10	<5	0.90	<0.003
A00507570	3.90	<5	<10	<5	0.79	<0.003
A00507571	3.30	<5	20	6	0.71	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507572	4.00	<5	<10	5	0.80	<0.003
A00507573	3.97	<5	<10	5	0.78	<0.003
*Dup A00507552	-	<5	<10	<5	0.74	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	7.17	0.010
*Std SU-1B	-	-	-	-	4.29	0.003
*Std OREAS 70b	-	-	-	-	3.81	0.015
*Rep A00507527	-	-	-	-	0.82	<0.003
*Blk BLANK	-	-	-	-	0.02	<0.003
*Rep A00507531	-	-	-	-	0.84	<0.003
*Std PGMS-27	-	4890	1180	1880	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	21	40	62	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507537	-	<5	<10	9	-	-
*Std OREAS 680	-	159	420	213	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Rep A00507569	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	154	390	222	-	-
*Std PGMS-29	-	93	530	687	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.27	<0.003
*Rep A00507552	-	-	-	-	0.77	<0.003
*Std OREAS 70b	-	-	-	-	4.08	0.015
*Std OREAS 680	-	-	-	-	6.90	0.013
*Blk BLANK	-	-	-	-	<0.01	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507514	<0.001	<0.0005	<0.1	<0.001	0.010	0.485
A00507515	<0.001	<0.0005	<0.1	<0.001	0.010	0.452
A00507516	<0.001	<0.0005	<0.1	<0.001	0.011	0.475
A00507517	<0.001	<0.0005	<0.1	<0.001	0.012	0.416
A00507518	<0.001	<0.0005	<0.1	<0.001	0.011	0.470
A00507519	<0.001	<0.0005	<0.1	<0.001	0.010	0.551
A00507520	<0.001	<0.0005	<0.1	<0.001	0.010	0.517
A00507521	<0.001	<0.0005	<0.1	<0.001	0.010	0.515
A00507522	<0.001	<0.0005	<0.1	<0.001	0.011	0.511
A00507523	0.002	<0.0005	0.2	<0.001	<0.001	0.003
A00507524	<0.001	<0.0005	<0.1	<0.001	0.011	0.435
A00507525	<0.001	<0.0005	<0.1	<0.001	0.011	0.503
A00507526	<0.001	<0.0005	<0.1	<0.001	0.011	0.480
A00507527	<0.001	<0.0005	<0.1	<0.001	0.011	0.524
A00507528	0.020	<0.0005	3.1	<0.001	0.008	0.123
A00507529	<0.001	<0.0005	<0.1	<0.001	0.011	0.494
A00507530	<0.001	<0.0005	<0.1	<0.001	0.012	0.562
A00507531	<0.001	<0.0005	<0.1	<0.001	0.011	0.519
A00507532	<0.001	<0.0005	<0.1	<0.001	0.011	0.483
A00507533	<0.001	<0.0005	<0.1	<0.001	0.009	0.550
A00507534	<0.001	<0.0005	<0.1	<0.001	0.010	0.545
A00507535	<0.001	<0.0005	<0.1	<0.001	0.009	0.558
A00507536	<0.001	<0.0005	<0.1	<0.001	0.010	0.559
A00507537	<0.001	<0.0005	<0.1	<0.001	0.009	0.546
A00507538	0.002	<0.0005	0.2	<0.001	<0.001	0.003
A00507539	<0.001	<0.0005	<0.1	<0.001	0.010	0.555
A00507540	<0.001	<0.0005	<0.1	<0.001	0.009	0.479
A00507541	<0.001	<0.0005	0.2	<0.001	0.010	0.515
A00507542	<0.001	<0.0005	<0.1	<0.001	0.010	0.559

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507543	0.023	<0.0005	5.7	<0.001	0.016	0.026
A00507544	<0.001	<0.0005	<0.1	<0.001	0.011	0.407
A00507545	<0.001	<0.0005	<0.1	<0.001	0.010	0.445
A00507546	<0.001	<0.0005	<0.1	<0.001	0.010	0.521
A00507547	<0.001	<0.0005	<0.1	<0.001	0.009	0.539
A00507548	<0.001	<0.0005	<0.1	<0.001	0.009	0.516
A00507549	<0.001	<0.0005	<0.1	<0.001	0.009	0.574
A00507550	<0.001	<0.0005	<0.1	<0.001	0.010	0.565
A00507551	<0.001	<0.0005	<0.1	<0.001	0.009	0.522
A00507552	<0.001	<0.0005	<0.1	<0.001	0.010	0.566
A00507553	<0.001	<0.0005	<0.1	<0.001	0.010	0.510
A00507554	<0.001	<0.0005	<0.1	<0.001	0.009	0.517
A00507555	<0.001	<0.0005	<0.1	<0.001	0.008	0.472
A00507556	<0.001	<0.0005	<0.1	<0.001	0.009	0.536
A00507557	<0.001	<0.0005	<0.1	<0.001	0.010	0.514
A00507558	<0.001	<0.0005	<0.1	<0.001	0.010	0.515
A00507559	<0.001	<0.0005	21.4	<0.001	0.002	0.020
A00507560	<0.001	<0.0005	22.0	<0.001	0.002	0.018
A00507561	<0.001	<0.0005	18.7	<0.001	0.004	0.043
A00507562	<0.001	<0.0005	<0.1	<0.001	0.011	0.558
A00507563	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507564	<0.001	<0.0005	<0.1	<0.001	0.009	0.528
A00507565	<0.001	<0.0005	<0.1	<0.001	0.009	0.593
A00507566	<0.001	<0.0005	<0.1	<0.001	0.010	0.482
A00507567	<0.001	<0.0005	<0.1	<0.001	0.010	0.565
A00507568	0.020	<0.0005	3.0	<0.001	0.008	0.122
A00507569	<0.001	<0.0005	<0.1	<0.001	0.011	0.568
A00507570	<0.001	<0.0005	<0.1	<0.001	0.011	0.468
A00507571	<0.001	<0.0005	<0.1	<0.001	0.010	0.489

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507572	<0.001	<0.0005	<0.1	<0.001	0.009	0.539
A00507573	<0.001	<0.0005	<0.1	<0.001	0.010	0.483
*Dup A00507552	<0.001	<0.0005	<0.1	<0.001	0.009	0.576
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.067	<0.0005	5.7	<0.001	0.040	0.207
*Std SU-1B	0.036	<0.0005	2.2	<0.001	0.063	0.034
*Std OREAS 70b	0.021	<0.0005	3.1	<0.001	0.008	0.120
*Rep A00507527	<0.001	<0.0005	<0.1	<0.001	0.011	0.505
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507531	<0.001	<0.0005	<0.1	<0.001	0.011	0.485
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.035	<0.0005	2.2	<0.001	0.061	0.036
*Rep A00507552	<0.001	<0.0005	<0.1	<0.001	0.009	0.536
*Std OREAS 70b	0.021	<0.0005	3.3	<0.001	0.008	0.139
*Std OREAS 680	0.063	<0.0005	5.6	<0.001	0.039	0.208
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507514	<0.001	5.29	<0.1	<0.001	<0.001	23.60
A00507515	0.001	5.58	<0.1	<0.001	<0.001	23.18
A00507516	0.001	5.11	<0.1	<0.001	<0.001	22.93
A00507517	0.001	9.36	<0.1	<0.001	<0.001	21.00
A00507518	0.001	8.38	<0.1	<0.001	<0.001	22.32
A00507519	<0.001	4.57	<0.1	<0.001	<0.001	24.02

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507520	<0.001	4.84	<0.1	<0.001	<0.001	23.47
A00507521	0.001	6.68	<0.1	<0.001	<0.001	22.53
A00507522	<0.001	8.26	<0.1	<0.001	<0.001	22.03
A00507523	<0.001	0.55	3.9	<0.001	0.003	0.21
A00507524	<0.001	7.84	<0.1	<0.001	<0.001	22.58
A00507525	0.001	7.74	<0.1	<0.001	<0.001	21.84
A00507526	<0.001	5.69	<0.1	<0.001	<0.001	23.18
A00507527	0.002	5.47	<0.1	<0.001	<0.001	23.36
A00507528	0.005	5.40	0.6	0.001	0.004	13.13
A00507529	<0.001	5.39	<0.1	<0.001	<0.001	23.19
A00507530	0.001	5.73	<0.1	<0.001	<0.001	22.92
A00507531	<0.001	6.60	<0.1	<0.001	<0.001	22.62
A00507532	<0.001	11.81	<0.1	<0.001	<0.001	20.81
A00507533	<0.001	4.90	<0.1	<0.001	<0.001	23.43
A00507534	<0.001	5.23	<0.1	<0.001	<0.001	23.91
A00507535	<0.001	5.03	<0.1	<0.001	<0.001	23.01
A00507536	<0.001	5.19	<0.1	<0.001	<0.001	23.00
A00507537	<0.001	4.90	<0.1	<0.001	<0.001	23.25
A00507538	<0.001	0.51	3.7	<0.001	0.003	0.19
A00507539	<0.001	4.64	<0.1	<0.001	<0.001	23.48
A00507540	0.001	5.18	<0.1	<0.001	<0.001	23.13
A00507541	<0.001	7.03	<0.1	<0.001	<0.001	21.46
A00507542	0.001	4.39	<0.1	<0.001	<0.001	22.90
A00507543	0.033	9.19	0.6	0.001	<0.001	3.80
A00507544	0.002	6.80	<0.1	<0.001	<0.001	21.96
A00507545	0.001	4.41	<0.1	<0.001	<0.001	22.65
A00507546	0.001	4.29	<0.1	<0.001	<0.001	22.67
A00507547	<0.001	5.22	<0.1	<0.001	<0.001	22.37
A00507548	0.001	5.72	<0.1	<0.001	<0.001	23.31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507549	0.001	4.80	<0.1	<0.001	<0.001	22.78
A00507550	0.003	5.28	<0.1	<0.001	<0.001	22.88
A00507551	0.001	5.49	<0.1	<0.001	<0.001	22.52
A00507552	0.001	4.67	<0.1	<0.001	<0.001	23.04
A00507553	0.002	5.09	<0.1	<0.001	<0.001	23.23
A00507554	0.001	5.87	<0.1	<0.001	<0.001	22.95
A00507555	<0.001	5.05	<0.1	<0.001	<0.001	23.55
A00507556	0.001	4.81	<0.1	<0.001	<0.001	23.10
A00507557	0.001	5.06	<0.1	<0.001	<0.001	23.07
A00507558	0.001	6.32	<0.1	<0.001	<0.001	22.68
A00507559	<0.001	4.95	<0.1	<0.001	<0.001	2.63
A00507560	<0.001	4.89	<0.1	<0.001	0.001	2.75
A00507561	0.009	5.75	<0.1	<0.001	<0.001	4.97
A00507562	0.002	4.28	<0.1	<0.001	<0.001	23.44
A00507563	<0.001	0.59	3.8	<0.001	0.003	0.06
A00507564	0.002	5.12	<0.1	<0.001	<0.001	23.21
A00507565	<0.001	4.95	<0.1	<0.001	<0.001	24.16
A00507566	<0.001	5.42	<0.1	<0.001	<0.001	22.65
A00507567	0.001	5.53	<0.1	<0.001	<0.001	22.13
A00507568	0.005	5.28	0.6	0.001	0.003	12.94
A00507569	0.001	4.44	<0.1	<0.001	<0.001	23.34
A00507570	<0.001	6.41	<0.1	<0.001	<0.001	22.01
A00507571	<0.001	5.11	<0.1	<0.001	<0.001	23.37
A00507572	<0.001	5.35	<0.1	<0.001	<0.001	22.62
A00507573	<0.001	4.77	<0.1	<0.001	<0.001	22.74
*Dup A00507552	0.001	4.79	<0.1	<0.001	<0.001	22.71
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.01
*Std OREAS 680	0.907	11.59	1.3	0.002	0.001	3.57
*Std SU-1B	1.183	>25.00	0.6	0.001	<0.001	1.82

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Std OREAS 70b	0.005	5.49	0.6	0.001	0.003	13.48
*Rep A00507527	<0.001	5.60	<0.1	<0.001	<0.001	23.49
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Rep A00507531	<0.001	6.56	<0.1	<0.001	<0.001	23.34
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.168	24.30	0.6	0.001	0.001	1.77
*Rep A00507552	0.001	4.90	<0.1	<0.001	<0.001	23.87
*Std OREAS 70b	0.006	5.85	0.7	0.001	0.004	14.29
*Std OREAS 680	0.884	11.51	1.2	0.002	0.001	3.53
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507514	0.093	<0.001	0.212	0.02	<0.002	<0.05
A00507515	0.087	<0.001	0.189	0.01	<0.002	<0.05
A00507516	0.089	<0.001	0.282	<0.01	<0.002	<0.05
A00507517	0.089	<0.001	0.169	0.02	<0.002	<0.05
A00507518	0.092	<0.001	0.203	<0.01	<0.002	<0.05
A00507519	0.087	<0.001	0.232	<0.01	<0.002	<0.05
A00507520	0.087	<0.001	0.221	<0.01	<0.002	<0.05
A00507521	0.090	<0.001	0.226	0.01	<0.002	<0.05
A00507522	0.082	<0.001	0.309	<0.01	<0.002	<0.05
A00507523	0.011	<0.001	0.002	0.01	<0.002	<0.05
A00507524	0.084	<0.001	0.253	<0.01	<0.002	<0.05
A00507525	0.081	<0.001	0.270	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507526	0.093	<0.001	0.262	0.02	<0.002	<0.05
A00507527	0.091	<0.001	0.270	<0.01	<0.002	<0.05
A00507528	0.115	<0.001	0.230	0.03	<0.002	0.25
A00507529	0.092	<0.001	0.214	<0.01	<0.002	<0.05
A00507530	0.088	<0.001	0.279	0.01	<0.002	<0.05
A00507531	0.079	<0.001	0.231	<0.01	<0.002	<0.05
A00507532	0.084	<0.001	0.189	0.02	<0.002	<0.05
A00507533	0.081	<0.001	0.244	0.02	<0.002	<0.05
A00507534	0.084	<0.001	0.243	<0.01	<0.002	<0.05
A00507535	0.076	<0.001	0.185	<0.01	<0.002	<0.05
A00507536	0.077	<0.001	0.233	<0.01	<0.002	<0.05
A00507537	0.083	<0.001	0.211	<0.01	<0.002	<0.05
A00507538	0.010	<0.001	0.001	<0.01	<0.002	<0.05
A00507539	0.079	<0.001	0.231	0.01	<0.002	<0.05
A00507540	0.078	<0.001	0.235	<0.01	<0.002	<0.05
A00507541	0.080	<0.001	0.211	<0.01	<0.002	<0.05
A00507542	0.073	<0.001	0.240	<0.01	<0.002	<0.05
A00507543	0.104	<0.001	0.649	0.12	<0.002	1.69
A00507544	0.071	<0.001	0.183	0.01	<0.002	<0.05
A00507545	0.077	<0.001	0.214	<0.01	<0.002	<0.05
A00507546	0.070	<0.001	0.265	<0.01	<0.002	<0.05
A00507547	0.078	<0.001	0.269	0.01	<0.002	<0.05
A00507548	0.082	<0.001	0.271	<0.01	<0.002	<0.05
A00507549	0.077	<0.001	0.323	<0.01	<0.002	<0.05
A00507550	0.083	<0.001	0.270	0.02	NR	<0.05
A00507551	0.077	<0.001	0.238	<0.01	<0.002	<0.05
A00507552	0.084	<0.001	0.276	<0.01	<0.002	<0.05
A00507553	0.074	<0.001	0.261	<0.01	<0.002	<0.05
A00507554	0.073	<0.001	0.246	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507555	0.079	<0.001	0.236	<0.01	<0.002	<0.05
A00507556	0.074	<0.001	0.265	0.01	<0.002	<0.05
A00507557	0.076	<0.001	0.232	<0.01	<0.002	<0.05
A00507558	0.074	<0.001	0.217	<0.01	<0.002	<0.05
A00507559	0.226	<0.001	0.008	0.02	<0.002	<0.05
A00507560	0.201	<0.001	0.010	0.03	<0.002	<0.05
A00507561	0.200	<0.001	0.028	0.03	<0.002	<0.05
A00507562	0.072	<0.001	0.261	<0.01	<0.002	<0.05
A00507563	0.010	<0.001	<0.001	<0.01	<0.002	<0.05
A00507564	0.072	<0.001	0.240	0.01	<0.002	<0.05
A00507565	0.088	<0.001	0.248	<0.01	<0.002	<0.05
A00507566	0.065	<0.001	0.210	<0.01	<0.002	<0.05
A00507567	0.067	<0.001	0.270	<0.01	<0.002	<0.05
A00507568	0.113	<0.001	0.217	0.02	<0.002	0.22
A00507569	0.065	<0.001	0.295	<0.01	<0.002	<0.05
A00507570	0.087	<0.001	0.218	0.01	<0.002	<0.05
A00507571	0.088	<0.001	0.264	<0.01	<0.002	<0.05
A00507572	0.074	<0.001	0.251	0.01	<0.002	<0.05
A00507573	0.078	<0.001	0.255	<0.01	<0.002	<0.05
*Dup A00507552	0.083	<0.001	0.278	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std OREAS 680	0.129	<0.001	2.122	0.13	0.247	5.37
*Std SU-1B	0.072	<0.001	1.944	0.07	0.006	>10.00
*Std OREAS 70b	0.116	<0.001	0.221	0.03	<0.002	0.26
*Rep A00507527	0.093	<0.001	0.238	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507531	0.081	<0.001	0.265	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.066	<0.001	1.796	0.06	0.007	>10.00

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)	
Number of Samples	60

ANALYSIS REPORT BBM21-09984

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Rep A00507552	0.086	<0.001	0.279	<0.01	<0.002	<0.01
*Std OREAS 70b	0.125	<0.001	0.243	0.02	<0.002	0.25
*Std OREAS 680	0.123	<0.001	2.123	0.12	0.258	5.43
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507514	<0.005	0.0007	16.8	<0.005	<0.001	0.03
A00507515	<0.005	0.0007	16.9	<0.005	<0.001	0.05
A00507516	<0.005	0.0007	16.6	<0.005	<0.001	0.04
A00507517	<0.005	0.0006	15.6	<0.005	<0.001	0.04
A00507518	<0.005	0.0007	16.2	<0.005	<0.001	0.04
A00507519	<0.005	0.0007	17.4	0.005	<0.001	0.04
A00507520	<0.005	0.0007	17.2	<0.005	<0.001	0.04
A00507521	<0.005	0.0006	16.3	<0.005	<0.001	0.04
A00507522	<0.005	0.0006	16.1	<0.005	<0.001	0.04
A00507523	<0.005	<0.0005	27.2	<0.005	0.003	<0.01
A00507524	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00507525	<0.005	0.0006	16.3	<0.005	<0.001	0.04
A00507526	<0.005	0.0006	16.9	<0.005	<0.001	0.04
A00507527	<0.005	0.0008	16.7	<0.005	<0.001	0.04
A00507528	<0.005	0.0011	22.3	<0.005	0.007	0.18
A00507529	<0.005	0.0007	16.4	<0.005	<0.001	0.05
A00507530	<0.005	0.0007	16.7	<0.005	<0.001	0.05
A00507531	<0.005	0.0007	16.9	<0.005	<0.001	0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507532	<0.005	0.0007	15.4	<0.005	<0.001	0.04
A00507533	<0.005	0.0007	17.2	<0.005	<0.001	0.05
A00507534	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507535	<0.005	0.0007	17.4	<0.005	<0.001	0.04
A00507536	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507537	<0.005	0.0007	17.4	<0.005	<0.001	0.04
A00507538	<0.005	<0.0005	27.0	<0.005	0.003	<0.01
A00507539	<0.005	0.0007	17.8	<0.005	<0.001	0.05
A00507540	<0.005	0.0007	16.8	<0.005	<0.001	0.04
A00507541	<0.005	0.0007	16.2	<0.005	<0.001	0.04
A00507542	<0.005	0.0008	17.7	<0.005	<0.001	0.04
A00507543	<0.005	0.0019	23.2	<0.005	0.036	0.99
A00507544	<0.005	0.0010	17.0	<0.005	<0.001	0.04
A00507545	<0.005	0.0009	17.3	<0.005	<0.001	0.04
A00507546	<0.005	0.0007	17.4	<0.005	<0.001	0.04
A00507547	<0.005	0.0007	16.8	<0.005	<0.001	0.03
A00507548	<0.005	0.0007	17.2	<0.005	<0.001	0.04
A00507549	<0.005	0.0007	16.8	<0.005	<0.001	0.04
A00507550	<0.005	0.0007	17.3	<0.005	<0.001	0.04
A00507551	<0.005	0.0007	16.9	<0.005	<0.001	0.04
A00507552	<0.005	0.0007	16.8	<0.005	<0.001	0.05
A00507553	<0.005	0.0008	17.8	<0.005	<0.001	0.05
A00507554	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00507555	<0.005	0.0007	17.4	<0.005	<0.001	0.03
A00507556	<0.005	0.0008	17.3	0.006	<0.001	0.04
A00507557	<0.005	0.0008	17.6	<0.005	<0.001	0.05
A00507558	<0.005	0.0008	17.5	<0.005	<0.001	0.05
A00507559	<0.005	0.0026	20.9	<0.005	<0.001	0.35
A00507560	<0.005	0.0027	20.9	<0.005	<0.001	0.37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507561	<0.005	0.0028	20.2	<0.005	<0.001	0.37
A00507562	<0.005	0.0008	18.4	<0.005	<0.001	0.05
A00507563	<0.005	<0.0005	27.9	<0.005	0.003	<0.01
A00507564	<0.005	0.0008	17.7	<0.005	<0.001	0.04
A00507565	<0.005	0.0008	17.1	<0.005	<0.001	0.05
A00507566	<0.005	0.0008	17.4	<0.005	<0.001	0.04
A00507567	<0.005	0.0008	17.2	<0.005	<0.001	0.05
A00507568	<0.005	0.0012	22.2	<0.005	0.007	0.17
A00507569	<0.005	0.0008	17.9	<0.005	<0.001	0.04
A00507570	<0.005	0.0007	16.4	<0.005	<0.001	0.04
A00507571	<0.005	0.0007	16.9	<0.005	<0.001	0.03
A00507572	<0.005	0.0007	16.5	<0.005	<0.001	0.05
A00507573	<0.005	0.0007	16.6	<0.005	<0.001	0.05
*Dup A00507552	<0.005	0.0007	16.7	<0.005	<0.001	0.06
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0021	20.1	<0.005	0.043	0.49
*Std SU-1B	<0.005	0.0008	15.4	<0.005	0.029	0.22
*Std OREAS 70b	<0.005	0.0011	22.6	<0.005	0.007	0.18
*Rep A00507527	<0.005	0.0007	16.8	<0.005	<0.001	0.05
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507531	<0.005	0.0007	17.4	<0.005	<0.001	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0008	15.5	<0.005	0.028	0.22
*Rep A00507552	<0.005	0.0007	17.6	0.008	<0.001	0.04
*Std OREAS 70b	<0.005	0.0013	24.6	<0.005	0.007	0.19
*Std OREAS 680	<0.005	0.0022	20.3	<0.005	0.041	0.50
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507514	0.005	<0.005	<0.0005	0.003	-
A00507515	0.004	<0.005	<0.0005	0.004	-
A00507516	0.004	<0.005	<0.0005	0.003	-
A00507517	0.004	<0.005	<0.0005	0.003	2.66
A00507518	0.004	<0.005	<0.0005	0.003	-
A00507519	0.004	<0.005	<0.0005	0.004	-
A00507520	0.005	<0.005	<0.0005	0.004	-
A00507521	0.005	<0.005	<0.0005	0.004	-
A00507522	0.005	<0.005	<0.0005	0.003	-
A00507523	<0.001	<0.005	<0.0005	0.001	-
A00507524	0.006	<0.005	<0.0005	0.003	-
A00507525	0.005	<0.005	<0.0005	0.004	-
A00507526	0.004	<0.005	<0.0005	0.004	-
A00507527	0.005	<0.005	<0.0005	0.004	-
A00507528	0.007	<0.005	0.0009	0.011	-
A00507529	0.004	<0.005	<0.0005	0.004	-
A00507530	0.004	<0.005	<0.0005	0.005	-
A00507531	0.004	<0.005	<0.0005	0.004	-
A00507532	0.005	<0.005	<0.0005	0.004	-
A00507533	0.004	<0.005	<0.0005	0.004	-
A00507534	0.004	<0.005	<0.0005	0.004	-
A00507535	0.004	<0.005	<0.0005	0.004	-
A00507536	0.005	<0.005	<0.0005	0.004	-
A00507537	0.004	<0.005	<0.0005	0.004	-
A00507538	<0.001	<0.005	<0.0005	0.002	-
A00507539	0.004	<0.005	<0.0005	0.004	-
A00507540	0.004	<0.005	<0.0005	0.004	-
A00507541	0.004	<0.005	<0.0005	0.004	-
A00507542	0.005	<0.005	<0.0005	0.004	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507543	0.016	<0.005	0.0019	0.010	-
A00507544	0.005	<0.005	<0.0005	0.003	-
A00507545	0.005	<0.005	<0.0005	0.004	-
A00507546	0.004	<0.005	<0.0005	0.003	-
A00507547	0.005	<0.005	<0.0005	0.004	-
A00507548	0.005	<0.005	<0.0005	0.004	-
A00507549	0.005	<0.005	<0.0005	0.004	-
A00507550	0.005	<0.005	<0.0005	0.004	-
A00507551	0.005	<0.005	<0.0005	0.004	-
A00507552	0.005	<0.005	<0.0005	0.004	-
A00507553	0.005	<0.005	<0.0005	0.003	-
A00507554	0.005	<0.005	<0.0005	0.003	-
A00507555	0.004	<0.005	<0.0005	0.003	-
A00507556	0.005	<0.005	<0.0005	0.004	-
A00507557	0.005	<0.005	<0.0005	0.004	2.63
A00507558	0.005	<0.005	<0.0005	0.004	-
A00507559	0.017	<0.005	0.0013	0.003	-
A00507560	0.018	<0.005	0.0013	0.002	-
A00507561	0.018	<0.005	0.0014	0.005	-
A00507562	0.005	<0.005	<0.0005	0.005	-
A00507563	<0.001	<0.005	<0.0005	0.002	-
A00507564	0.004	<0.005	<0.0005	0.005	-
A00507565	0.004	<0.005	<0.0005	0.005	-
A00507566	0.004	<0.005	<0.0005	0.004	-
A00507567	0.004	<0.005	<0.0005	0.005	-
A00507568	0.007	<0.005	0.0009	0.010	-
A00507569	0.004	<0.005	<0.0005	0.004	-
A00507570	0.004	<0.005	<0.0005	0.005	-
A00507571	0.004	<0.005	<0.0005	0.004	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A019 /
734 Core (415-474)
Number of Samples 60

ANALYSIS REPORT BBM21-09984

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507572	0.004	<0.005	<0.0005	0.004	-
A00507573	0.004	<0.005	<0.0005	0.004	-
*Dup A00507552	0.005	<0.005	<0.0005	0.004	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 680	0.023	<0.005	0.0015	0.225	-
*Std SU-1B	0.010	<0.005	0.0006	0.025	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-
*Rep A00507527	0.004	<0.005	<0.0005	0.004	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Rep A00507531	0.004	<0.005	<0.0005	0.004	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std SU-1B	0.010	<0.005	0.0006	0.025	-
*Rep A00507552	0.005	<0.005	<0.0005	0.004	-
*Std OREAS 70b	0.007	<0.005	0.0011	0.011	-
*Std OREAS 680	0.023	<0.005	0.0015	0.223	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-

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

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ANALYSIS REPORT BBM21-09985

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	09-Jun-2021 - 19-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A020 / 734 Core (475-534)	Date Completed	19-Aug-2021
		SGS Order Number	BBM21-09985
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
54	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
1	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)
15	GO_FUZ90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml
15	GO_ICP90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)	
Number of Samples	60

ANALYSIS REPORT BBM21-09985

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507574	3.35	<5	<10	6	0.92	<0.003
A00507575	3.54	<5	<10	8	1.27	<0.003
A00507576	4.04	<5	<10	5	1.06	<0.003
A00507577	3.57	<5	<10	6	0.75	<0.003
A00507578	0.13	<5	<10	<5	12.27	<0.003
A00507579	3.69	<5	<10	<5	0.50	<0.003
A00507580	3.05	<5	<10	<5	0.55	<0.003
A00507581	3.78	<5	<10	<5	0.70	<0.003
A00507582	3.70	<5	<10	<5	0.82	<0.003
A00507583	0.08	8	30	40	7.44	<0.003
A00507584	3.68	<5	<10	<5	0.76	<0.003
A00507585	3.43	<5	<10	<5	1.23	<0.003
A00507586	3.68	<5	<10	<5	0.83	<0.003
A00507587	3.68	<5	<10	<5	0.79	<0.003
A00507588	-	<5	<10	<5	0.90	<0.003
A00507589	3.70	<5	<10	<5	0.67	<0.003
A00507590	3.42	<5	<10	<5	0.61	<0.003
A00507591	3.72	<5	<10	<5	0.62	<0.003
A00507592	3.66	<5	<10	<5	0.51	<0.003
A00507593	3.71	<5	<10	<5	0.53	<0.003
A00507594	4.37	<5	<10	<5	0.62	<0.003
A00507595	3.70	<5	<10	<5	0.55	<0.003
A00507596	3.03	<5	<10	<5	0.59	<0.003
A00507597	4.10	<5	<10	<5	0.63	<0.003
A00507598	-	<5	<10	<5	0.66	<0.003
A00507599	3.22	<5	<10	<5	0.60	<0.003
A00507600	2.82	<5	<10	<5	0.75	<0.003
A00507601	2.82	<5	<10	<5	0.56	<0.003
A00507602	3.90	<5	<10	<5	0.69	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)	
Number of Samples	60

ANALYSIS REPORT BBM21-09985

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507603	0.13	<5	<10	<5	12.79	<0.003
A00507604	3.30	<5	<10	<5	0.72	<0.003
A00507605	3.75	<5	<10	<5	0.67	<0.003
A00507606	3.50	<5	<10	<5	0.72	<0.003
A00507607	3.81	<5	<10	<5	1.71	<0.003
A00507608	0.08	7	<10	13	3.94	0.013
A00507609	3.72	<5	<10	<5	0.66	<0.003
A00507610	3.69	<5	<10	<5	0.68	<0.003
A00507611	3.47	<5	<10	<5	0.74	<0.003
A00507612	3.68	<5	<10	<5	0.67	<0.003
A00507613	3.05	<5	<10	<5	0.59	<0.003
A00507614	3.86	6	<10	<5	0.72	<0.003
A00507615	3.46	<5	<10	<5	0.71	<0.003
A00507616	3.60	<5	<10	<5	0.74	<0.003
A00507617	4.01	<5	<10	<5	1.06	<0.003
A00507618	0.13	<5	<10	<5	12.51	<0.003
A00507619	3.29	<5	<10	<5	3.59	<0.003
A00507620	3.74	<5	<10	<5	0.77	<0.003
A00507621	3.71	<5	<10	<5	0.52	<0.003
A00507622	3.51	<5	<10	<5	0.54	<0.003
A00507623	0.08	7	<10	11	3.90	0.015
A00507624	3.40	<5	<10	<5	0.60	<0.003
A00507625	4.04	<5	<10	<5	0.57	<0.003
A00507626	3.73	6	<10	<5	0.66	<0.003
A00507627	3.26	<5	<10	<5	0.51	<0.003
A00507628	-	<5	<10	<5	0.48	<0.003
A00507629	3.61	<5	<10	<5	0.38	<0.003
A00507630	4.05	<5	<10	<5	0.47	<0.003
A00507631	3.54	<5	<10	<5	0.48	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507632	3.67	<5	<10	<5	0.45	<0.003
A00507633	3.27	<5	<10	<5	0.48	<0.003
*Dup A00507612	-	<5	<10	<5	0.66	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.27	<0.003
*Std OREAS 70b	-	-	-	-	4.08	0.015
*Std OREAS 680	-	-	-	-	6.90	0.013
*Rep A00507579	-	-	-	-	0.55	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.08	<0.003
*Std OREAS 680	-	-	-	-	6.74	0.009
*Std OREAS 70b	-	-	-	-	3.49	0.014
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507625	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	158	410	224	-	-
*Std OREAS 45f	-	22	40	64	-	-
*Std PGMS-27	-	4880	1140	1940	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.35	<0.003
*Std OREAS 680	-	-	-	-	7.14	0.012
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507597	-	-	-	-	0.62	<0.003
*Rep A00507627	-	-	-	-	0.52	<0.003
*Std OREAS 45f	-	20	40	59	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	154	390	222	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)	
Number of Samples	60

ANALYSIS REPORT BBM21-09985

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
*Std PGMS-29	-	93	530	687	-	-
*Rep A00507593	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507612	-	<5	<10	<5	-	-

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507574	<0.001	<0.0005	<0.1	<0.001	0.009	0.484
A00507575	<0.001	<0.0005	<0.1	<0.001	0.010	0.400
A00507576	<0.001	<0.0005	<0.1	<0.001	0.012	0.723
A00507577	<0.001	<0.0005	<0.1	<0.001	0.010	0.562
A00507578	0.002	<0.0005	0.3	<0.001	<0.001	0.001
A00507579	<0.001	<0.0005	<0.1	<0.001	0.010	0.201
A00507580	<0.001	<0.0005	<0.1	<0.001	0.010	0.244
A00507581	<0.001	<0.0005	<0.1	<0.001	0.010	0.425
A00507582	<0.001	<0.0005	<0.1	<0.001	0.009	0.531
A00507583	0.024	<0.0005	5.9	<0.001	0.016	0.027
A00507584	<0.001	<0.0005	<0.1	<0.001	0.010	0.581
A00507585	<0.001	<0.0005	0.3	<0.001	0.010	0.494
A00507586	<0.001	<0.0005	<0.1	<0.001	0.011	0.497
A00507587	<0.001	<0.0005	<0.1	<0.001	0.010	0.492
A00507588	<0.001	<0.0005	<0.1	<0.001	0.011	0.493
A00507589	<0.001	<0.0005	<0.1	<0.001	0.010	0.514
A00507590	<0.001	<0.0005	<0.1	<0.001	0.010	0.478
A00507591	<0.001	<0.0005	<0.1	<0.001	0.010	0.498

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507592	<0.001	<0.0005	<0.1	<0.001	0.010	0.286
A00507593	<0.001	<0.0005	<0.1	<0.001	0.010	0.403
A00507594	<0.001	<0.0005	<0.1	<0.001	0.010	0.379
A00507595	<0.001	<0.0005	<0.1	<0.001	0.010	0.315
A00507596	0.006	<0.0005	<0.1	<0.001	0.010	0.379
A00507597	<0.001	<0.0005	<0.1	<0.001	0.010	0.432
A00507598	<0.001	<0.0005	<0.1	<0.001	0.010	0.474
A00507599	<0.001	<0.0005	<0.1	<0.001	0.009	0.364
A00507600	<0.001	<0.0005	<0.1	<0.001	0.010	0.403
A00507601	<0.001	<0.0005	<0.1	<0.001	0.010	0.355
A00507602	<0.001	<0.0005	<0.1	<0.001	0.010	0.528
A00507603	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507604	<0.001	<0.0005	<0.1	<0.001	0.010	0.540
A00507605	<0.001	<0.0005	<0.1	<0.001	0.010	0.543
A00507606	<0.001	<0.0005	<0.1	<0.001	0.010	0.507
A00507607	<0.001	<0.0005	0.9	<0.001	0.009	0.349
A00507608	0.020	<0.0005	3.1	<0.001	0.007	0.124
A00507609	<0.001	<0.0005	<0.1	<0.001	0.010	0.400
A00507610	<0.001	<0.0005	<0.1	<0.001	0.010	0.461
A00507611	<0.001	<0.0005	<0.1	<0.001	0.010	0.446
A00507612	<0.001	<0.0005	<0.1	<0.001	0.010	0.395
A00507613	<0.001	<0.0005	<0.1	<0.001	0.011	0.415
A00507614	<0.001	<0.0005	<0.1	<0.001	0.010	0.426
A00507615	<0.001	<0.0005	<0.1	<0.001	0.009	0.478
A00507616	<0.001	<0.0005	<0.1	<0.001	0.010	0.523
A00507617	<0.001	<0.0005	<0.1	<0.001	0.010	0.481
A00507618	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507619	<0.001	<0.0005	5.4	<0.001	0.007	0.212
A00507620	<0.001	<0.0005	<0.1	<0.001	0.011	0.510

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507621	<0.001	<0.0005	<0.1	<0.001	0.011	0.235
A00507622	<0.001	<0.0005	<0.1	<0.001	0.009	0.273
A00507623	0.020	<0.0005	3.0	<0.001	0.008	0.122
A00507624	<0.001	<0.0005	<0.1	<0.001	0.009	0.333
A00507625	<0.001	<0.0005	<0.1	<0.001	0.010	0.352
A00507626	<0.001	<0.0005	<0.1	<0.001	0.009	0.417
A00507627	<0.001	<0.0005	<0.1	<0.001	0.010	0.234
A00507628	<0.001	<0.0005	<0.1	<0.001	0.009	0.226
A00507629	<0.001	<0.0005	<0.1	<0.001	0.010	0.207
A00507630	<0.001	<0.0005	<0.1	<0.001	0.010	0.270
A00507631	<0.001	<0.0005	<0.1	<0.001	0.010	0.339
A00507632	<0.001	<0.0005	<0.1	<0.001	0.009	0.222
A00507633	<0.001	<0.0005	<0.1	<0.001	0.009	0.346
*Dup A00507612	<0.001	<0.0005	<0.1	<0.001	0.009	0.392
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.035	<0.0005	2.2	<0.001	0.061	0.036
*Std OREAS 70b	0.021	<0.0005	3.3	<0.001	0.008	0.139
*Std OREAS 680	0.063	<0.0005	5.6	<0.001	0.039	0.208
*Rep A00507579	<0.001	<0.0005	<0.1	<0.001	0.011	0.221
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.036	<0.0005	2.2	<0.001	0.062	0.034
*Std OREAS 680	0.066	<0.0005	5.6	<0.001	0.038	0.198
*Std OREAS 70b	0.020	<0.0005	3.0	<0.001	0.008	0.114
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.060	0.034
*Std OREAS 680	0.064	<0.0005	5.6	<0.001	0.038	0.214
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
*Rep A00507597	<0.001	<0.0005	<0.1	<0.001	0.010	0.421
*Rep A00507627	<0.001	<0.0005	<0.1	<0.001	0.010	0.234

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507574	<0.001	4.87	<0.1	<0.001	<0.001	23.26
A00507575	0.001	4.59	<0.1	<0.001	<0.001	22.92
A00507576	<0.001	6.59	<0.1	<0.001	<0.001	>25.00
A00507577	<0.001	4.77	<0.1	<0.001	<0.001	23.01
A00507578	<0.001	0.56	4.0	<0.001	0.003	0.08
A00507579	0.001	5.70	<0.1	<0.001	<0.001	21.34
A00507580	<0.001	4.97	<0.1	<0.001	<0.001	23.85
A00507581	<0.001	5.39	<0.1	<0.001	<0.001	24.52
A00507582	0.001	4.62	<0.1	<0.001	<0.001	24.49
A00507583	0.034	9.93	0.6	0.001	<0.001	4.09
A00507584	0.001	4.85	<0.1	<0.001	<0.001	24.81
A00507585	<0.001	4.31	<0.1	<0.001	<0.001	24.45
A00507586	0.001	4.45	<0.1	<0.001	<0.001	24.84
A00507587	<0.001	5.18	<0.1	<0.001	<0.001	24.93
A00507588	0.001	5.00	<0.1	<0.001	<0.001	24.84
A00507589	0.001	4.72	<0.1	<0.001	<0.001	24.07
A00507590	<0.001	5.77	<0.1	<0.001	<0.001	24.69
A00507591	<0.001	4.83	<0.1	<0.001	<0.001	24.98
A00507592	0.001	5.13	<0.1	<0.001	<0.001	24.95
A00507593	0.001	5.10	<0.1	<0.001	<0.001	24.12

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507594	<0.001	5.87	<0.1	<0.001	<0.001	24.24
A00507595	<0.001	5.61	<0.1	<0.001	<0.001	24.98
A00507596	0.001	5.69	<0.1	<0.001	<0.001	24.75
A00507597	<0.001	4.83	<0.1	<0.001	<0.001	>25.00
A00507598	0.001	6.10	<0.1	<0.001	<0.001	>25.00
A00507599	0.001	4.88	<0.1	<0.001	<0.001	>25.00
A00507600	<0.001	5.16	<0.1	<0.001	<0.001	>25.00
A00507601	<0.001	5.27	<0.1	<0.001	<0.001	>25.00
A00507602	<0.001	5.44	<0.1	<0.001	<0.001	24.25
A00507603	<0.001	0.60	3.9	<0.001	0.003	0.22
A00507604	<0.001	5.68	<0.1	<0.001	<0.001	>25.00
A00507605	0.001	5.66	<0.1	<0.001	<0.001	>25.00
A00507606	0.001	5.64	<0.1	<0.001	<0.001	23.75
A00507607	0.002	4.95	<0.1	0.004	<0.001	23.98
A00507608	0.006	5.72	0.6	0.001	0.003	14.02
A00507609	0.002	7.13	<0.1	<0.001	<0.001	23.97
A00507610	0.001	5.15	<0.1	<0.001	<0.001	24.07
A00507611	0.001	5.15	<0.1	<0.001	<0.001	24.55
A00507612	0.001	5.69	<0.1	<0.001	<0.001	24.35
A00507613	0.001	8.47	<0.1	<0.001	<0.001	23.33
A00507614	0.001	5.18	<0.1	<0.001	<0.001	>25.00
A00507615	0.001	4.58	<0.1	<0.001	<0.001	24.70
A00507616	0.002	4.59	<0.1	<0.001	<0.001	>25.00
A00507617	0.002	6.21	<0.1	<0.001	<0.001	24.00
A00507618	<0.001	0.59	3.8	<0.001	0.003	0.14
A00507619	0.001	5.72	<0.1	<0.001	<0.001	17.80
A00507620	0.002	4.57	<0.1	<0.001	<0.001	23.98
A00507621	<0.001	5.79	<0.1	<0.001	<0.001	>25.00
A00507622	<0.001	5.60	<0.1	<0.001	<0.001	24.46

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507623	0.006	5.68	0.6	0.001	0.003	13.71
A00507624	<0.001	5.32	<0.1	<0.001	<0.001	>25.00
A00507625	<0.001	5.54	<0.1	<0.001	<0.001	>25.00
A00507626	<0.001	5.98	<0.1	<0.001	<0.001	>25.00
A00507627	0.001	7.24	<0.1	<0.001	<0.001	24.57
A00507628	0.001	6.05	<0.1	<0.001	<0.001	23.93
A00507629	0.002	7.06	<0.1	<0.001	<0.001	23.56
A00507630	0.001	6.05	<0.1	<0.001	<0.001	24.60
A00507631	0.001	5.85	<0.1	<0.001	<0.001	24.83
A00507632	<0.001	6.47	<0.1	<0.001	<0.001	23.39
A00507633	<0.001	5.52	<0.1	<0.001	<0.001	24.26
*Dup A00507612	0.001	4.89	<0.1	<0.001	<0.001	24.96
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.168	24.30	0.6	0.001	0.001	1.77
*Std OREAS 70b	0.006	5.85	0.7	0.001	0.004	14.29
*Std OREAS 680	0.884	11.51	1.2	0.002	0.001	3.53
*Rep A00507579	<0.001	6.24	<0.1	<0.001	<0.001	23.18
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	0.02
*Std SU-1B	1.173	24.84	0.6	0.001	<0.001	1.84
*Std OREAS 680	0.885	11.29	1.2	0.002	0.001	3.76
*Std OREAS 70b	0.005	5.14	0.6	0.001	0.003	13.13
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.162	>25.00	0.6	0.001	<0.001	1.82
*Std OREAS 680	0.884	11.97	1.2	0.002	0.001	3.72
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507597	0.001	4.79	<0.1	<0.001	<0.001	24.88
*Rep A00507627	0.002	7.02	<0.1	<0.001	<0.001	23.67

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507574	0.077	<0.001	0.241	<0.01	<0.002	<0.05
A00507575	0.065	<0.001	0.247	0.01	0.003	<0.05
A00507576	0.093	<0.001	0.266	<0.01	<0.002	<0.05
A00507577	0.080	<0.001	0.232	<0.01	<0.002	<0.05
A00507578	0.010	<0.001	<0.001	<0.01	<0.002	<0.05
A00507579	0.075	<0.001	0.227	<0.01	<0.002	<0.05
A00507580	0.088	<0.001	0.246	<0.01	<0.002	<0.05
A00507581	0.089	<0.001	0.245	<0.01	<0.002	<0.05
A00507582	0.074	<0.001	0.235	<0.01	<0.002	<0.05
A00507583	0.107	<0.001	0.684	0.11	<0.002	1.53
A00507584	0.088	<0.001	0.239	<0.01	<0.002	<0.05
A00507585	0.075	<0.001	0.237	<0.01	<0.002	<0.05
A00507586	0.071	<0.001	0.288	<0.01	<0.002	<0.05
A00507587	0.077	<0.001	0.247	<0.01	<0.002	<0.05
A00507588	0.067	<0.001	0.307	<0.01	<0.002	<0.05
A00507589	0.084	<0.001	0.257	<0.01	<0.002	<0.05
A00507590	0.089	<0.001	0.230	0.01	<0.002	<0.05
A00507591	0.087	<0.001	0.241	<0.01	<0.002	<0.05
A00507592	0.090	<0.001	0.248	<0.01	0.003	<0.05
A00507593	0.090	<0.001	0.255	0.02	<0.002	<0.05
A00507594	0.084	<0.001	0.213	<0.01	<0.002	<0.05
A00507595	0.091	<0.001	0.249	<0.01	<0.002	<0.05
A00507596	0.095	<0.001	0.244	<0.01	<0.002	<0.05
A00507597	0.091	<0.001	0.244	0.01	<0.002	<0.05
A00507598	0.096	<0.001	0.241	0.01	<0.002	<0.05
A00507599	0.093	<0.001	0.246	<0.01	<0.002	<0.05
A00507600	0.088	<0.001	0.240	<0.01	<0.002	<0.05
A00507601	0.093	<0.001	0.247	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507602	0.091	<0.001	0.242	<0.01	<0.002	<0.05
A00507603	0.012	<0.001	0.002	<0.01	<0.002	<0.05
A00507604	0.096	<0.001	0.260	<0.01	<0.002	<0.05
A00507605	0.095	<0.001	0.270	<0.01	<0.002	<0.05
A00507606	0.087	<0.001	0.268	<0.01	<0.002	<0.05
A00507607	0.106	<0.001	0.201	0.19	<0.002	<0.05
A00507608	0.116	<0.001	0.216	0.02	<0.002	0.22
A00507609	0.087	<0.001	0.241	<0.01	<0.002	<0.05
A00507610	0.085	<0.001	0.256	<0.01	<0.002	<0.05
A00507611	0.070	<0.001	0.272	<0.01	<0.002	<0.05
A00507612	0.082	<0.001	0.244	<0.01	<0.002	<0.05
A00507613	0.086	<0.001	0.250	<0.01	<0.002	<0.05
A00507614	0.082	<0.001	0.266	<0.01	<0.002	<0.05
A00507615	0.078	<0.001	0.237	<0.01	<0.002	<0.05
A00507616	0.067	<0.001	0.270	<0.01	<0.002	<0.05
A00507617	0.069	<0.001	0.261	<0.01	<0.002	<0.05
A00507618	0.011	<0.001	<0.001	0.01	<0.002	<0.05
A00507619	0.099	<0.001	0.112	0.02	<0.002	<0.05
A00507620	0.073	<0.001	0.367	0.01	<0.002	<0.05
A00507621	0.088	<0.001	0.227	<0.01	<0.002	<0.05
A00507622	0.089	<0.001	0.228	<0.01	<0.002	<0.05
A00507623	0.118	<0.001	0.222	0.02	<0.002	0.21
A00507624	0.090	<0.001	0.225	<0.01	<0.002	<0.05
A00507625	0.092	<0.001	0.231	<0.01	<0.002	<0.05
A00507626	0.089	<0.001	0.216	0.01	<0.002	<0.05
A00507627	0.088	<0.001	0.261	<0.01	<0.002	<0.05
A00507628	0.082	<0.001	0.237	<0.01	<0.002	<0.05
A00507629	0.090	<0.001	0.247	<0.01	<0.002	<0.05
A00507630	0.095	<0.001	0.290	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507631	0.095	<0.001	0.244	<0.01	<0.002	<0.05
A00507632	0.092	<0.001	0.228	<0.01	<0.002	<0.05
A00507633	0.098	<0.001	0.224	<0.01	<0.002	<0.05
*Dup A00507612	0.081	<0.001	0.235	0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.066	<0.001	1.796	0.06	0.007	>10.00
*Std OREAS 70b	0.125	<0.001	0.243	0.02	<0.002	0.25
*Std OREAS 680	0.123	<0.001	2.123	0.12	0.258	5.43
*Rep A00507579	0.084	<0.001	0.242	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.067	<0.001	1.959	0.07	0.007	>10.00
*Std OREAS 680	0.123	<0.001	2.150	0.12	0.250	4.81
*Std OREAS 70b	0.106	<0.001	0.215	0.01	0.002	0.22
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.071	<0.001	1.892	0.06	0.006	>10.00
*Std OREAS 680	0.123	<0.001	2.129	0.12	0.253	4.61
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.05
*Rep A00507597	0.094	<0.001	0.260	0.01	<0.002	<0.05
*Rep A00507627	0.088	<0.001	0.282	<0.01	<0.002	<0.05

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507574	<0.005	0.0008	17.2	<0.005	<0.001	0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507575	<0.005	0.0009	17.8	<0.005	<0.001	0.06
A00507576	<0.005	0.0010	19.8	<0.005	<0.001	0.05
A00507577	<0.005	0.0007	16.5	<0.005	<0.001	0.03
A00507578	<0.005	<0.0005	28.7	<0.005	0.003	<0.01
A00507579	<0.005	0.0006	15.0	<0.005	<0.001	0.03
A00507580	<0.005	0.0006	16.8	<0.005	<0.001	0.03
A00507581	<0.005	0.0007	17.2	<0.005	<0.001	0.03
A00507582	<0.005	0.0007	16.9	<0.005	<0.001	0.03
A00507583	<0.005	0.0019	23.6	<0.005	0.036	1.00
A00507584	<0.005	0.0007	17.2	<0.005	<0.001	0.04
A00507585	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00507586	<0.005	0.0007	17.8	<0.005	<0.001	0.04
A00507587	<0.005	0.0007	17.6	<0.005	<0.001	0.03
A00507588	<0.005	0.0007	17.8	<0.005	<0.001	0.03
A00507589	<0.005	0.0007	16.6	<0.005	<0.001	0.03
A00507590	<0.005	0.0007	16.6	<0.005	<0.001	0.03
A00507591	<0.005	0.0007	17.0	<0.005	<0.001	0.03
A00507592	<0.005	0.0006	16.6	<0.005	<0.001	0.02
A00507593	<0.005	0.0007	16.4	<0.005	<0.001	0.03
A00507594	<0.005	0.0008	17.4	<0.005	<0.001	0.04
A00507595	<0.005	0.0006	17.0	<0.005	<0.001	0.03
A00507596	<0.005	0.0007	16.7	<0.005	<0.001	0.03
A00507597	<0.005	0.0007	17.0	<0.005	<0.001	0.04
A00507598	<0.005	0.0006	17.2	<0.005	<0.001	0.03
A00507599	<0.005	0.0007	17.0	<0.005	<0.001	0.03
A00507600	<0.005	0.0007	17.5	<0.005	<0.001	0.04
A00507601	<0.005	0.0006	17.0	<0.005	<0.001	0.03
A00507602	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507603	<0.005	<0.0005	27.9	<0.005	0.003	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507604	<0.005	0.0007	16.9	<0.005	<0.001	0.03
A00507605	<0.005	0.0007	17.1	<0.005	<0.001	0.04
A00507606	<0.005	0.0006	16.7	<0.005	<0.001	0.03
A00507607	<0.005	0.0012	17.4	<0.005	0.006	0.17
A00507608	<0.005	0.0012	23.1	<0.005	0.007	0.18
A00507609	<0.005	0.0006	16.3	<0.005	<0.001	0.04
A00507610	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507611	<0.005	0.0006	17.2	<0.005	<0.001	0.03
A00507612	<0.005	0.0006	16.9	<0.005	<0.001	0.04
A00507613	<0.005	0.0006	15.7	<0.005	<0.001	0.03
A00507614	<0.005	0.0006	17.1	<0.005	<0.001	0.04
A00507615	<0.005	0.0006	17.4	<0.005	<0.001	0.03
A00507616	<0.005	0.0006	17.8	<0.005	<0.001	0.03
A00507617	<0.005	0.0006	17.7	<0.005	<0.001	0.04
A00507618	<0.005	<0.0005	27.6	<0.005	0.003	<0.01
A00507619	<0.005	0.0018	17.2	<0.005	<0.001	0.24
A00507620	<0.005	0.0006	17.1	<0.005	<0.001	0.04
A00507621	<0.005	0.0006	17.0	<0.005	<0.001	0.03
A00507622	<0.005	0.0005	16.5	<0.005	<0.001	0.03
A00507623	<0.005	0.0012	22.7	<0.005	0.007	0.17
A00507624	<0.005	0.0005	17.7	<0.005	<0.001	0.03
A00507625	<0.005	<0.0005	16.9	<0.005	<0.001	0.03
A00507626	<0.005	0.0005	17.0	<0.005	<0.001	0.03
A00507627	<0.005	<0.0005	16.7	<0.005	<0.001	0.04
A00507628	<0.005	<0.0005	16.1	<0.005	<0.001	0.03
A00507629	<0.005	0.0005	15.5	<0.005	<0.001	0.02
A00507630	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507631	<0.005	0.0006	16.2	<0.005	<0.001	0.03
A00507632	<0.005	0.0005	15.5	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507633	<0.005	0.0006	16.3	<0.005	<0.001	0.03
*Dup A00507612	<0.005	0.0006	16.8	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0008	15.5	<0.005	0.028	0.22
*Std OREAS 70b	<0.005	0.0013	24.6	<0.005	0.007	0.19
*Std OREAS 680	<0.005	0.0022	20.3	<0.005	0.041	0.50
*Rep A00507579	<0.005	0.0006	16.7	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0009	14.8	<0.005	0.028	0.22
*Std OREAS 680	<0.005	0.0021	19.2	<0.005	0.041	0.49
*Std OREAS 70b	<0.005	0.0011	21.0	<0.005	0.007	0.16
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.02
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0008	15.4	<0.005	0.028	0.21
*Std OREAS 680	<0.005	0.0022	20.0	<0.005	0.040	0.49
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507597	<0.005	0.0007	16.7	<0.005	<0.001	0.04
*Rep A00507627	<0.005	<0.0005	16.3	0.005	<0.001	0.05

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507574	0.004	<0.005	<0.0005	0.004	-	-
A00507575	0.005	<0.005	<0.0005	0.003	-	-
A00507576	0.006	<0.005	<0.0005	0.004	-	24.66

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507577	0.004	<0.005	<0.0005	0.004	-	-
A00507578	<0.001	<0.005	<0.0005	0.002	-	-
A00507579	0.002	<0.005	<0.0005	0.003	-	-
A00507580	0.002	<0.005	<0.0005	0.004	-	-
A00507581	0.003	<0.005	<0.0005	0.004	-	-
A00507582	0.004	<0.005	<0.0005	0.004	-	-
A00507583	0.016	<0.005	0.0019	0.010	-	-
A00507584	0.004	<0.005	<0.0005	0.006	-	-
A00507585	0.004	<0.005	<0.0005	0.003	-	-
A00507586	0.003	<0.005	<0.0005	0.004	-	-
A00507587	0.004	<0.005	<0.0005	0.004	-	-
A00507588	0.004	<0.005	<0.0005	0.004	-	-
A00507589	0.003	<0.005	<0.0005	0.004	-	-
A00507590	0.003	<0.005	<0.0005	0.004	-	-
A00507591	0.003	<0.005	<0.0005	0.004	-	-
A00507592	0.002	<0.005	<0.0005	0.004	-	-
A00507593	0.003	<0.005	<0.0005	0.004	-	-
A00507594	0.003	<0.005	<0.0005	0.003	-	-
A00507595	0.003	<0.005	<0.0005	0.003	-	-
A00507596	0.003	<0.005	<0.0005	0.004	-	-
A00507597	0.003	<0.005	<0.0005	0.004	2.64	25.09
A00507598	0.003	<0.005	<0.0005	0.004	-	25.17
A00507599	0.003	<0.005	<0.0005	0.004	-	23.67
A00507600	0.003	<0.005	<0.0005	0.004	-	24.95
A00507601	0.003	<0.005	<0.0005	0.004	-	22.31
A00507602	0.004	<0.005	<0.0005	0.004	-	-
A00507603	<0.001	<0.005	<0.0005	0.002	-	-
A00507604	0.004	<0.005	<0.0005	0.004	-	23.26
A00507605	0.004	<0.005	<0.0005	0.004	-	24.16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)
Number of Samples 60

ANALYSIS REPORT BBM21-09985

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
A00507606	0.004	<0.005	<0.0005	0.004	-	-
A00507607	0.006	<0.005	0.0012	0.005	-	-
A00507608	0.007	<0.005	0.0010	0.011	-	-
A00507609	0.004	<0.005	<0.0005	0.004	-	-
A00507610	0.003	<0.005	<0.0005	0.004	-	-
A00507611	0.004	<0.005	<0.0005	0.004	-	-
A00507612	0.003	<0.005	<0.0005	0.004	-	-
A00507613	0.004	<0.005	<0.0005	0.004	-	-
A00507614	0.003	<0.005	<0.0005	0.004	-	24.19
A00507615	0.003	<0.005	<0.0005	0.004	-	-
A00507616	0.003	<0.005	<0.0005	0.005	-	24.33
A00507617	0.004	<0.005	<0.0005	0.003	-	-
A00507618	<0.001	<0.005	<0.0005	0.004	-	-
A00507619	0.012	<0.005	0.0009	0.004	-	-
A00507620	0.004	<0.005	<0.0005	0.004	-	-
A00507621	0.003	<0.005	<0.0005	0.005	-	24.57
A00507622	0.003	<0.005	<0.0005	0.004	-	-
A00507623	0.007	<0.005	0.0009	0.010	-	-
A00507624	0.003	<0.005	<0.0005	0.004	-	24.09
A00507625	0.003	<0.005	<0.0005	0.005	-	24.07
A00507626	0.003	<0.005	<0.0005	0.005	-	24.22
A00507627	0.003	<0.005	<0.0005	0.004	-	-
A00507628	0.003	<0.005	<0.0005	0.004	-	-
A00507629	0.003	<0.005	<0.0005	0.004	-	-
A00507630	0.003	<0.005	<0.0005	0.005	-	-
A00507631	0.003	<0.005	<0.0005	0.005	-	-
A00507632	0.003	<0.005	<0.0005	0.004	-	-
A00507633	0.003	<0.005	<0.0005	0.006	-	-
*Dup A00507612	0.003	<0.005	<0.0005	0.003	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A020 /
734 Core (475-534)	
Number of Samples	60

ANALYSIS REPORT BBM21-09985

Element	V	W	Y	Zn	Bulk Density	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V	GO_ICP90Q100
Lower Limit	0.001	0.005	0.0005	0.001	1	0.01
Upper Limit	5	4	2.5	5	--	30
Unit	%	%	%	%	g / cm³	%
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.010	<0.005	0.0006	0.025	-	-
*Std OREAS 70b	0.007	<0.005	0.0011	0.011	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.223	-	-
*Rep A00507579	0.002	<0.005	<0.0005	0.003	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.010	<0.005	0.0007	0.025	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.242	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.010	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Blk BLANK	-	-	-	-	-	<0.01
*Rep A00507626	-	-	-	-	-	25.34
*Std OREAS 70b	-	-	-	-	-	13.66
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.010	<0.005	0.0006	0.025	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.221	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507597	0.003	<0.005	<0.0005	0.004	-	-
*Rep A00507627	0.003	<0.005	<0.0005	0.004	-	-

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

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT BBM21-09986

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	08-Jun-2021 - 17-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A021 / 734 Core (535-594)	Date Completed	18-Aug-2021
		SGS Order Number	BBM21-09986
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
54	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
2	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
Analytical interferences for Pb in GE_ICP90A50 is in effect due to Nb in scheme GE_IMS90A50.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)	
Number of Samples	60

ANALYSIS REPORT BBM21-09986

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)	
Number of Samples	60

ANALYSIS REPORT BBM21-09986

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507634	3.55	<5	<10	<5	8.64	<0.003
A00507635	3.82	<5	<10	<5	0.69	<0.003
A00507636	3.38	<5	<10	<5	0.56	<0.003
A00507637	3.24	<5	<10	<5	0.57	<0.003
A00507638	0.13	<5	<10	<5	11.63	<0.003
A00507639	3.76	<5	<10	<5	0.73	<0.003
A00507640	3.76	<5	<10	<5	0.73	<0.003
A00507641	3.55	<5	<10	<5	0.58	<0.003
A00507642	3.71	<5	<10	<5	0.68	<0.003
A00507643	-	<5	<10	<5	0.70	<0.003
A00507644	3.65	<5	<10	<5	0.62	<0.003
A00507645	3.34	<5	<10	<5	0.66	<0.003
A00507646	4.16	<5	<10	<5	0.60	<0.003
A00507647	3.53	<5	<10	<5	0.60	<0.003
A00507648	0.08	8	<10	12	3.50	0.014
A00507649	3.84	<5	<10	<5	0.55	<0.003
A00507650	3.84	<5	<10	<5	0.79	<0.003
A00507651	1.22	7	<10	<5	1.06	<0.003
A00507652	4.69	<5	<10	<5	6.43	<0.003
A00507653	3.95	<5	<10	<5	5.11	<0.003
A00507654	3.20	<5	<10	<5	0.66	<0.003
A00507655	3.84	<5	<10	<5	0.60	<0.003
A00507656	3.74	<5	<10	<5	0.67	<0.003
A00507657	3.48	<5	<10	<5	0.55	<0.003
A00507658	0.13	<5	<10	<5	11.39	<0.003
A00507659	3.44	<5	<10	<5	0.54	<0.003
A00507660	3.67	<5	<10	<5	0.50	<0.003
A00507661	3.21	<5	<10	<5	0.53	<0.003
A00507662	3.72	<5	<10	<5	0.53	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507663	-	<5	<10	<5	0.54	<0.003
A00507664	3.76	<5	<10	<5	0.72	<0.003
A00507665	3.74	<5	<10	<5	0.96	<0.003
A00507666	2.21	6	10	13	6.87	<0.003
A00507667	3.18	<5	<10	<5	0.78	<0.003
A00507668	0.08	8	<10	12	3.59	0.013
A00507669	2.05	<5	<10	<5	1.16	<0.003
A00507670	4.77	<5	<10	<5	7.24	<0.003
A00507671	4.56	<5	<10	<5	4.83	<0.003
A00507672	5.06	<5	<10	<5	5.25	<0.003
A00507673	4.08	<5	<10	<5	6.95	<0.003
A00507674	2.57	<5	<10	<5	6.14	<0.003
A00507675	2.67	<5	<10	<5	0.90	<0.003
A00507676	3.31	<5	<10	<5	0.64	<0.003
A00507677	1.12	<5	<10	<5	2.78	<0.003
A00507678	-	<5	<10	<5	2.62	<0.003
A00507679	3.78	<5	<10	<5	8.03	<0.003
A00507680	4.16	<5	<10	<5	7.96	<0.003
A00507681	4.45	<5	<10	<5	7.91	<0.003
A00507682	3.58	<5	<10	<5	7.85	<0.003
A00507683	0.08	15	<10	13	3.64	0.015
A00507684	4.24	<5	<10	<5	8.59	<0.003
A00507685	3.54	<5	<10	<5	8.57	<0.003
A00507686	4.50	<5	<10	<5	8.60	<0.003
A00507687	4.02	<5	<10	<5	8.26	<0.003
A00507688	0.13	<5	<10	<5	11.83	<0.003
A00507689	4.07	<5	<10	<5	7.94	<0.003
A00507690	3.96	<5	<10	<5	8.28	<0.003
A00507691	4.16	<5	<10	<5	7.77	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507692	2.27	<5	<10	<5	6.82	<0.003
A00507693	0.80	<5	<10	<5	2.85	<0.003
*Dup A00507672	-	<5	<10	<5	5.48	<0.003
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std SU-1B	-	-	-	-	3.94	<0.003
*Std OREAS 680	-	-	-	-	6.75	0.010
*Rep A00507690	-	-	-	-	8.21	<0.003
*Rep A00507691	-	-	-	-	7.73	<0.003
*Std OREAS 70b	-	-	-	-	3.70	0.013
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	152	400	226	-	-
*Std PGMS-27	-	4190	1150	1870	-	-
*Std OREAS 45f	-	20	40	63	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.08	<0.003
*Std OREAS 680	-	-	-	-	6.74	0.009
*Std OREAS 70b	-	-	-	-	3.49	0.014
*Rep A00507649	-	-	-	-	0.57	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507667	-	-	-	-	0.74	<0.003
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	158	410	224	-	-
*Rep A00507657	-	<5	<10	<5	-	-
*Std OREAS 45f	-	22	40	64	-	-
*Std PGMS-27	-	4880	1140	1940	-	-
*Rep A00507678	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507634	0.141	<0.0005	3.7	<0.001	0.001	0.022
A00507635	<0.001	<0.0005	<0.1	<0.001	0.011	0.450
A00507636	<0.001	<0.0005	<0.1	<0.001	0.011	0.394
A00507637	<0.001	<0.0005	<0.1	<0.001	0.011	0.386
A00507638	0.002	<0.0005	0.3	<0.001	<0.001	0.016
A00507639	<0.001	<0.0005	<0.1	<0.001	0.011	0.436
A00507640	<0.001	<0.0005	<0.1	<0.001	0.010	0.330
A00507641	<0.001	<0.0005	<0.1	<0.001	0.011	0.219
A00507642	<0.001	<0.0005	<0.1	<0.001	0.010	0.431
A00507643	<0.001	<0.0005	<0.1	<0.001	0.011	0.443
A00507644	<0.001	<0.0005	<0.1	<0.001	0.010	0.387
A00507645	<0.001	<0.0005	<0.1	<0.001	0.010	0.281
A00507646	<0.001	<0.0005	<0.1	<0.001	0.010	0.247
A00507647	<0.001	<0.0005	<0.1	<0.001	0.010	0.315
A00507648	0.020	<0.0005	3.0	<0.001	0.007	0.113
A00507649	<0.001	<0.0005	<0.1	<0.001	0.010	0.322
A00507650	<0.001	<0.0005	<0.1	<0.001	0.009	0.259
A00507651	<0.001	<0.0005	<0.1	<0.001	0.008	0.195
A00507652	<0.001	<0.0005	16.1	<0.001	0.003	0.022
A00507653	<0.001	<0.0005	15.6	<0.001	0.003	0.046
A00507654	<0.001	<0.0005	0.7	<0.001	0.009	0.421
A00507655	<0.001	<0.0005	<0.1	<0.001	0.012	0.256
A00507656	<0.001	<0.0005	<0.1	<0.001	0.010	0.329
A00507657	<0.001	<0.0005	<0.1	<0.001	0.008	0.257
A00507658	0.002	<0.0005	0.3	<0.001	<0.001	0.009
A00507659	<0.001	<0.0005	<0.1	<0.001	0.009	0.263
A00507660	<0.001	<0.0005	<0.1	<0.001	0.009	0.256
A00507661	<0.001	<0.0005	<0.1	<0.001	0.010	0.295

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507662	<0.001	<0.0005	<0.1	<0.001	0.011	0.280
A00507663	<0.001	<0.0005	<0.1	<0.001	0.010	0.301
A00507664	<0.001	<0.0005	<0.1	<0.001	0.010	0.390
A00507665	<0.001	<0.0005	0.2	<0.001	0.010	0.343
A00507666	0.018	<0.0005	9.5	<0.001	0.003	0.031
A00507667	<0.001	<0.0005	<0.1	<0.001	0.009	0.269
A00507668	0.021	<0.0005	3.1	<0.001	0.007	0.117
A00507669	<0.001	<0.0005	<0.1	<0.001	0.007	0.273
A00507670	<0.001	<0.0005	14.2	<0.001	0.004	0.028
A00507671	<0.001	<0.0005	16.9	<0.001	0.003	0.020
A00507672	<0.001	<0.0005	19.0	<0.001	0.002	0.015
A00507673	<0.001	<0.0005	17.8	<0.001	0.003	0.025
A00507674	<0.001	<0.0005	17.5	<0.001	0.002	0.025
A00507675	<0.001	<0.0005	<0.1	<0.001	0.009	0.230
A00507676	<0.001	<0.0005	<0.1	<0.001	0.011	0.258
A00507677	<0.001	<0.0005	3.8	<0.001	0.010	0.192
A00507678	<0.001	<0.0005	3.2	<0.001	0.011	0.200
A00507679	0.004	<0.0005	8.9	<0.001	0.004	0.019
A00507680	0.010	<0.0005	7.2	<0.001	0.004	0.025
A00507681	0.010	<0.0005	6.5	<0.001	0.004	0.024
A00507682	0.011	<0.0005	7.1	<0.001	0.004	0.019
A00507683	0.019	<0.0005	2.9	<0.001	0.008	0.116
A00507684	0.006	<0.0005	8.2	<0.001	0.004	0.027
A00507685	0.005	<0.0005	8.1	<0.001	0.004	0.017
A00507686	0.007	<0.0005	7.5	<0.001	0.004	0.022
A00507687	0.007	<0.0005	7.0	<0.001	0.004	0.021
A00507688	0.002	<0.0005	0.3	<0.001	<0.001	0.009
A00507689	0.008	<0.0005	6.7	<0.001	0.004	0.019
A00507690	0.010	<0.0005	8.3	<0.001	0.004	0.023

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)	
Number of Samples	60

ANALYSIS REPORT BBM21-09986

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507691	0.003	<0.0005	12.0	<0.001	0.004	0.017
A00507692	<0.001	<0.0005	15.0	<0.001	0.004	0.023
A00507693	<0.001	<0.0005	0.2	<0.001	0.012	0.196
*Dup A00507672	<0.001	<0.0005	18.7	<0.001	0.002	0.018
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	0.002
*Std SU-1B	0.033	<0.0005	2.1	<0.001	0.061	0.033
*Std OREAS 680	0.061	<0.0005	5.4	<0.001	0.038	0.205
*Rep A00507690	0.010	<0.0005	8.2	<0.001	0.004	0.023
*Rep A00507691	0.003	<0.0005	12.0	<0.001	0.004	0.017
*Std OREAS 70b	0.020	<0.0005	3.0	<0.001	0.008	0.120
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.036	<0.0005	2.2	<0.001	0.062	0.034
*Std OREAS 680	0.066	<0.0005	5.6	<0.001	0.038	0.198
*Std OREAS 70b	0.020	<0.0005	3.0	<0.001	0.008	0.114
*Rep A00507649	<0.001	<0.0005	<0.1	<0.001	0.010	0.324
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507667	<0.001	<0.0005	<0.1	<0.001	0.009	0.283

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507634	0.003	5.26	2.3	0.003	0.001	1.58
A00507635	0.001	5.79	<0.1	<0.001	<0.001	23.16
A00507636	<0.001	6.13	<0.1	<0.001	<0.001	24.02
A00507637	<0.001	5.52	<0.1	<0.001	<0.001	23.91

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507638	<0.001	0.70	3.9	<0.001	0.003	0.15
A00507639	0.002	5.42	<0.1	<0.001	<0.001	24.49
A00507640	<0.001	5.19	<0.1	<0.001	<0.001	23.86
A00507641	<0.001	5.34	<0.1	<0.001	<0.001	23.85
A00507642	<0.001	5.42	<0.1	<0.001	<0.001	24.62
A00507643	<0.001	5.25	<0.1	<0.001	<0.001	23.78
A00507644	<0.001	5.14	<0.1	<0.001	<0.001	23.65
A00507645	<0.001	5.72	<0.1	<0.001	<0.001	23.91
A00507646	<0.001	5.55	<0.1	<0.001	<0.001	23.80
A00507647	0.002	5.54	<0.1	<0.001	<0.001	23.96
A00507648	0.005	5.21	0.6	0.001	0.003	13.11
A00507649	<0.001	5.51	<0.1	<0.001	<0.001	23.33
A00507650	<0.001	4.86	<0.1	<0.001	<0.001	23.18
A00507651	<0.001	3.62	<0.1	<0.001	<0.001	23.12
A00507652	0.001	6.87	<0.1	<0.001	0.002	4.93
A00507653	0.002	5.80	<0.1	<0.001	0.001	6.46
A00507654	<0.001	4.36	<0.1	<0.001	<0.001	22.91
A00507655	<0.001	6.18	<0.1	<0.001	<0.001	23.47
A00507656	<0.001	5.22	<0.1	<0.001	<0.001	24.15
A00507657	<0.001	5.37	<0.1	<0.001	<0.001	23.84
A00507658	<0.001	0.73	3.8	<0.001	0.003	0.19
A00507659	<0.001	5.26	<0.1	<0.001	<0.001	24.97
A00507660	<0.001	5.61	<0.1	<0.001	<0.001	24.69
A00507661	0.002	5.60	<0.1	<0.001	<0.001	23.67
A00507662	<0.001	5.83	<0.1	<0.001	<0.001	23.96
A00507663	<0.001	5.89	<0.1	<0.001	<0.001	23.98
A00507664	<0.001	5.30	<0.1	<0.001	<0.001	23.59
A00507665	<0.001	5.63	<0.1	<0.001	<0.001	23.01
A00507666	0.011	7.05	0.7	<0.001	0.003	4.44

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507667	<0.001	4.88	<0.1	<0.001	<0.001	23.69
A00507668	0.005	5.36	0.6	0.001	0.003	13.54
A00507669	<0.001	5.35	<0.1	<0.001	<0.001	22.18
A00507670	0.003	6.95	<0.1	<0.001	<0.001	5.43
A00507671	0.062	6.23	<0.1	<0.001	<0.001	4.89
A00507672	0.004	5.33	<0.1	<0.001	0.002	3.96
A00507673	0.002	5.60	<0.1	<0.001	0.001	3.67
A00507674	0.007	5.19	<0.1	<0.001	0.001	4.10
A00507675	<0.001	5.39	<0.1	<0.001	<0.001	22.41
A00507676	<0.001	6.01	<0.1	<0.001	<0.001	22.70
A00507677	0.008	5.01	<0.1	<0.001	<0.001	17.93
A00507678	0.007	5.24	<0.1	<0.001	<0.001	19.56
A00507679	0.010	7.99	0.5	<0.001	0.001	5.04
A00507680	0.009	7.94	0.6	<0.001	0.001	4.95
A00507681	0.009	8.43	0.6	<0.001	0.001	4.86
A00507682	0.010	8.07	0.6	<0.001	0.001	4.64
A00507683	0.005	5.34	0.6	0.001	0.003	13.15
A00507684	0.012	8.07	0.4	<0.001	0.001	5.21
A00507685	0.005	7.64	0.2	<0.001	0.002	5.45
A00507686	0.009	7.62	0.4	<0.001	0.001	5.29
A00507687	0.011	7.80	0.6	<0.001	0.001	5.03
A00507688	<0.001	0.59	4.0	<0.001	0.002	0.06
A00507689	0.011	8.06	0.6	<0.001	0.001	5.05
A00507690	0.008	8.08	0.4	<0.001	0.002	5.14
A00507691	0.008	7.51	0.1	<0.001	0.002	4.85
A00507692	0.048	6.65	<0.1	<0.001	0.001	5.78
A00507693	0.003	3.22	<0.1	<0.001	<0.001	22.10
*Dup A00507672	0.007	5.15	<0.1	<0.001	0.002	3.77
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Std SU-1B	1.106	24.08	0.6	0.001	<0.001	1.73
*Std OREAS 680	0.857	11.33	1.2	0.002	<0.001	3.49
*Rep A00507690	0.008	8.02	0.4	<0.001	0.001	5.10
*Rep A00507691	0.007	7.53	0.1	<0.001	0.001	4.78
*Std OREAS 70b	0.005	5.42	0.6	0.001	0.003	13.33
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	0.02
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	0.02
*Std SU-1B	1.173	24.84	0.6	0.001	<0.001	1.84
*Std OREAS 680	0.885	11.29	1.2	0.002	0.001	3.76
*Std OREAS 70b	0.005	5.14	0.6	0.001	0.003	13.13
*Rep A00507649	<0.001	5.71	<0.1	<0.001	<0.001	24.72
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Rep A00507667	<0.001	4.82	<0.1	<0.001	<0.001	22.73

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507634	0.095	<0.001	0.002	0.11	<0.002	<0.05
A00507635	0.079	<0.001	0.240	0.01	<0.002	<0.05
A00507636	0.102	<0.001	0.273	<0.01	<0.002	<0.05
A00507637	0.089	<0.001	0.272	<0.01	<0.002	<0.05
A00507638	0.011	<0.001	0.001	<0.01	<0.002	<0.05
A00507639	0.091	<0.001	0.253	<0.01	<0.002	<0.05
A00507640	0.088	<0.001	0.263	<0.01	<0.002	<0.05
A00507641	0.085	<0.001	0.259	0.01	<0.002	<0.05
A00507642	0.103	<0.001	0.246	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507643	0.098	<0.001	0.257	<0.01	<0.002	<0.05
A00507644	0.095	<0.001	0.255	<0.01	<0.002	<0.05
A00507645	0.084	<0.001	0.252	<0.01	<0.002	<0.05
A00507646	0.078	<0.001	0.252	<0.01	<0.002	<0.05
A00507647	0.069	<0.001	0.247	0.01	<0.002	<0.05
A00507648	0.105	<0.001	0.219	0.02	<0.002	0.22
A00507649	0.080	<0.001	0.251	0.01	<0.002	<0.05
A00507650	0.061	<0.001	0.287	<0.01	<0.002	<0.05
A00507651	0.066	<0.001	0.207	<0.01	<0.002	<0.05
A00507652	0.175	<0.001	0.019	0.02	<0.002	<0.05
A00507653	0.148	<0.001	0.039	0.01	<0.002	<0.05
A00507654	0.095	<0.001	0.212	<0.01	<0.002	<0.05
A00507655	0.058	<0.001	0.283	<0.01	<0.002	<0.05
A00507656	0.064	<0.001	0.267	<0.01	<0.002	<0.05
A00507657	0.072	<0.001	0.273	<0.01	<0.002	<0.05
A00507658	0.011	<0.001	0.001	<0.01	<0.002	<0.05
A00507659	0.076	<0.001	0.291	<0.01	<0.002	<0.05
A00507660	0.082	<0.001	0.280	<0.01	<0.002	<0.05
A00507661	0.080	<0.001	0.266	0.01	NR	<0.05
A00507662	0.079	<0.001	0.255	<0.01	<0.002	<0.05
A00507663	0.081	<0.001	0.256	<0.01	<0.002	<0.05
A00507664	0.067	<0.001	0.269	<0.01	<0.002	<0.05
A00507665	0.076	<0.001	0.287	<0.01	<0.002	<0.05
A00507666	0.134	<0.001	0.013	0.03	<0.002	<0.05
A00507667	0.103	<0.001	0.255	<0.01	<0.002	<0.05
A00507668	0.106	<0.001	0.223	0.03	0.002	0.22
A00507669	0.085	<0.001	0.232	<0.01	<0.002	<0.05
A00507670	0.129	<0.001	0.029	0.01	<0.002	<0.05
A00507671	0.177	<0.001	0.014	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507672	0.147	<0.001	0.010	0.02	<0.002	<0.05
A00507673	0.120	<0.001	0.017	0.02	<0.002	<0.05
A00507674	0.162	<0.001	0.012	0.02	<0.002	<0.05
A00507675	0.052	<0.001	0.253	<0.01	<0.002	<0.05
A00507676	0.048	<0.001	0.277	<0.01	<0.002	<0.05
A00507677	0.092	<0.001	0.190	<0.01	<0.002	<0.05
A00507678	0.092	<0.001	0.203	0.01	<0.002	<0.05
A00507679	0.126	<0.001	0.019	0.02	<0.002	<0.05
A00507680	0.125	<0.001	0.019	0.02	<0.002	<0.05
A00507681	0.131	<0.001	0.018	0.02	<0.002	<0.05
A00507682	0.130	<0.001	0.016	0.02	<0.002	<0.05
A00507683	0.109	<0.001	0.219	0.02	<0.002	0.25
A00507684	0.127	<0.001	0.020	0.02	<0.002	0.07
A00507685	0.127	<0.001	0.023	0.02	<0.002	<0.05
A00507686	0.117	<0.001	0.024	0.02	<0.002	<0.05
A00507687	0.122	<0.001	0.020	0.02	<0.002	<0.05
A00507688	0.010	<0.001	<0.001	<0.01	<0.002	<0.05
A00507689	0.126	<0.001	0.021	0.02	<0.002	0.06
A00507690	0.127	<0.001	0.021	0.02	<0.002	<0.05
A00507691	0.168	<0.001	0.018	0.01	<0.002	<0.05
A00507692	0.195	<0.001	0.020	0.01	<0.002	<0.05
A00507693	0.142	<0.001	0.218	0.02	<0.002	<0.05
*Dup A00507672	0.149	<0.001	0.010	0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.065	<0.001	1.960	0.06	0.008	>10.00
*Std OREAS 680	0.114	<0.001	2.129	0.12	0.242	5.45
*Rep A00507690	0.128	<0.001	0.021	0.02	<0.002	<0.01
*Rep A00507691	0.163	<0.001	0.019	0.02	<0.002	<0.01
*Std OREAS 70b	0.111	<0.001	0.224	0.02	0.002	0.25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.01
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.067	<0.001	1.959	0.07	0.007	>10.00
*Std OREAS 680	0.123	<0.001	2.150	0.12	0.250	4.81
*Std OREAS 70b	0.106	<0.001	0.215	0.01	0.002	0.22
*Rep A00507649	0.080	<0.001	0.255	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Rep A00507667	0.096	<0.001	0.266	<0.01	<0.002	<0.01

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507634	<0.005	0.0015	26.0	<0.005	0.041	0.59
A00507635	<0.005	0.0006	16.1	<0.005	<0.001	0.04
A00507636	<0.005	0.0006	15.7	<0.005	<0.001	0.03
A00507637	<0.005	0.0007	15.9	<0.005	<0.001	0.03
A00507638	<0.005	<0.0005	26.8	<0.005	0.003	<0.01
A00507639	<0.005	0.0006	16.5	<0.005	<0.001	0.04
A00507640	<0.005	0.0006	16.1	<0.005	<0.001	0.04
A00507641	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507642	<0.005	0.0006	16.0	<0.005	<0.001	0.04
A00507643	<0.005	0.0006	15.6	<0.005	<0.001	0.04
A00507644	<0.005	<0.0005	15.6	0.006	<0.001	0.03
A00507645	<0.005	0.0006	15.9	<0.005	<0.001	0.04
A00507646	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00507647	<0.005	0.0006	16.3	<0.005	<0.001	0.04

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507648	<0.005	0.0011	21.1	<0.005	0.007	0.16
A00507649	<0.005	0.0005	16.1	<0.005	<0.001	0.03
A00507650	<0.005	0.0006	16.4	<0.005	<0.001	0.04
A00507651	<0.005	0.0008	16.9	<0.005	<0.001	0.04
A00507652	<0.005	0.0027	18.7	<0.005	0.006	0.39
A00507653	<0.005	0.0023	19.2	<0.005	0.006	0.32
A00507654	<0.005	0.0005	17.6	<0.005	<0.001	0.03
A00507655	<0.005	0.0006	17.0	<0.005	<0.001	0.03
A00507656	<0.005	0.0006	16.7	<0.005	<0.001	0.04
A00507657	<0.005	0.0006	16.1	<0.005	<0.001	0.03
A00507658	<0.005	<0.0005	26.2	<0.005	0.003	<0.01
A00507659	<0.005	0.0006	16.5	<0.005	<0.001	0.03
A00507660	<0.005	0.0006	15.9	<0.005	<0.001	0.03
A00507661	<0.005	0.0006	15.4	<0.005	<0.001	0.03
A00507662	<0.005	0.0006	15.8	<0.005	<0.001	0.04
A00507663	<0.005	0.0005	16.0	<0.005	<0.001	0.04
A00507664	<0.005	0.0006	16.3	<0.005	<0.001	0.05
A00507665	<0.005	0.0008	16.9	<0.005	<0.001	0.06
A00507666	<0.005	0.0035	21.6	<0.005	0.029	0.34
A00507667	<0.005	0.0006	17.5	<0.005	<0.001	0.03
A00507668	<0.005	0.0012	21.2	<0.005	0.007	0.17
A00507669	<0.005	0.0006	16.4	<0.005	<0.001	0.05
A00507670	<0.005	0.0028	18.3	<0.005	0.008	0.39
A00507671	<0.005	0.0017	19.8	<0.005	0.006	0.23
A00507672	<0.005	0.0022	19.6	<0.005	0.003	0.30
A00507673	<0.005	0.0029	19.0	<0.005	0.008	0.42
A00507674	<0.005	0.0022	19.6	<0.005	0.006	0.31
A00507675	<0.005	0.0006	17.1	<0.005	<0.001	0.05
A00507676	<0.005	0.0005	17.1	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507677	<0.005	0.0014	16.7	<0.005	<0.001	0.17
A00507678	<0.005	0.0013	17.5	<0.005	<0.001	0.15
A00507679	<0.005	0.0031	20.5	<0.005	0.016	0.45
A00507680	<0.005	0.0031	20.3	<0.005	0.021	0.44
A00507681	<0.005	0.0034	20.9	<0.005	0.020	0.48
A00507682	<0.005	0.0034	20.6	<0.005	0.023	0.49
A00507683	<0.005	0.0011	22.0	<0.005	0.007	0.17
A00507684	<0.005	0.0033	21.3	<0.005	0.014	0.44
A00507685	<0.005	0.0026	19.5	<0.005	0.013	0.39
A00507686	<0.005	0.0027	20.7	<0.005	0.019	0.41
A00507687	<0.005	0.0031	20.5	<0.005	0.017	0.44
A00507688	<0.005	<0.0005	27.1	<0.005	0.003	<0.01
A00507689	<0.005	0.0032	20.6	<0.005	0.021	0.46
A00507690	<0.005	0.0031	20.6	<0.005	0.015	0.45
A00507691	<0.005	0.0031	19.5	<0.005	0.009	0.43
A00507692	<0.005	0.0028	19.4	<0.005	0.004	0.42
A00507693	<0.005	0.0011	16.5	<0.005	<0.001	0.20
*Dup A00507672	<0.005	0.0018	19.5	<0.005	0.004	0.25
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.01
*Std SU-1B	<0.005	0.0008	14.6	<0.005	0.027	0.21
*Std OREAS 680	<0.005	0.0021	19.3	<0.005	0.041	0.49
*Rep A00507690	<0.005	0.0031	20.5	<0.005	0.015	0.44
*Rep A00507691	<0.005	0.0031	19.3	<0.005	0.008	0.44
*Std OREAS 70b	<0.005	0.0011	22.4	<0.005	0.007	0.17
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0009	14.8	<0.005	0.028	0.22
*Std OREAS 680	<0.005	0.0021	19.2	<0.005	0.041	0.49
*Std OREAS 70b	<0.005	0.0011	21.0	<0.005	0.007	0.16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
*Rep A00507649	<0.005	0.0005	16.7	<0.005	<0.001	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.02
*Rep A00507667	<0.005	0.0006	17.0	<0.005	<0.001	0.03

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507634	0.012	<0.005	0.0030	0.009	-
A00507635	0.004	<0.005	<0.0005	0.005	-
A00507636	0.003	<0.005	<0.0005	0.006	-
A00507637	0.003	<0.005	<0.0005	0.006	2.63
A00507638	<0.001	<0.005	<0.0005	0.002	-
A00507639	0.004	<0.005	<0.0005	0.007	-
A00507640	0.004	<0.005	<0.0005	0.005	-
A00507641	0.003	<0.005	<0.0005	0.003	-
A00507642	0.003	<0.005	<0.0005	0.006	-
A00507643	0.004	<0.005	<0.0005	0.007	-
A00507644	0.003	<0.005	<0.0005	0.007	-
A00507645	0.003	<0.005	<0.0005	0.004	-
A00507646	0.003	<0.005	<0.0005	0.004	-
A00507647	0.003	<0.005	<0.0005	0.003	-
A00507648	0.007	<0.005	0.0009	0.010	-
A00507649	0.003	<0.005	<0.0005	0.004	-
A00507650	0.003	<0.005	<0.0005	0.003	-
A00507651	0.004	<0.005	<0.0005	0.003	-
A00507652	0.019	<0.005	0.0011	0.005	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507653	0.017	<0.005	0.0010	0.004	-
A00507654	0.003	<0.005	<0.0005	0.006	-
A00507655	0.003	<0.005	<0.0005	0.003	-
A00507656	0.003	<0.005	<0.0005	0.004	-
A00507657	0.003	<0.005	<0.0005	0.005	-
A00507658	<0.001	<0.005	<0.0005	0.002	-
A00507659	0.003	<0.005	<0.0005	0.005	-
A00507660	0.003	<0.005	<0.0005	0.005	-
A00507661	0.003	<0.005	<0.0005	0.006	-
A00507662	0.003	<0.005	<0.0005	0.005	-
A00507663	0.003	<0.005	<0.0005	0.005	-
A00507664	0.004	<0.005	<0.0005	0.005	-
A00507665	0.005	<0.005	<0.0005	0.005	-
A00507666	0.022	<0.005	0.0013	0.007	-
A00507667	0.003	<0.005	<0.0005	0.004	-
A00507668	0.007	<0.005	0.0009	0.011	-
A00507669	0.004	<0.005	<0.0005	0.003	-
A00507670	0.020	<0.005	0.0012	0.005	-
A00507671	0.013	<0.005	0.0007	0.006	-
A00507672	0.016	<0.005	0.0011	0.002	-
A00507673	0.021	<0.005	0.0013	0.003	-
A00507674	0.016	<0.005	0.0010	0.003	-
A00507675	0.004	<0.005	<0.0005	0.001	-
A00507676	0.003	<0.005	<0.0005	0.003	-
A00507677	0.009	<0.005	0.0005	0.004	-
A00507678	0.009	<0.005	<0.0005	0.003	-
A00507679	0.022	<0.005	0.0013	0.007	-
A00507680	0.022	<0.005	0.0014	0.007	-
A00507681	0.024	<0.005	0.0015	0.007	3.04

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)
Number of Samples 60

ANALYSIS REPORT BBM21-09986

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507682	0.024	<0.005	0.0015	0.007	-
A00507683	0.007	<0.005	0.0009	0.010	-
A00507684	0.023	<0.005	0.0015	0.008	-
A00507685	0.019	<0.005	0.0012	0.007	-
A00507686	0.020	<0.005	0.0013	0.007	-
A00507687	0.022	<0.005	0.0013	0.007	-
A00507688	<0.001	<0.005	<0.0005	0.001	-
A00507689	0.023	<0.005	0.0014	0.007	-
A00507690	0.022	<0.005	0.0014	0.007	-
A00507691	0.022	<0.005	0.0014	0.005	-
A00507692	0.019	<0.005	0.0012	0.006	-
A00507693	0.009	<0.005	<0.0005	0.003	-
*Dup A00507672	0.013	<0.005	0.0009	0.002	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std SU-1B	0.010	<0.005	0.0006	0.022	-
*Std OREAS 680	0.023	<0.005	0.0015	0.208	-
*Rep A00507690	0.022	<0.005	0.0014	0.007	-
*Rep A00507691	0.022	<0.005	0.0014	0.005	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std SU-1B	0.010	<0.005	0.0007	0.025	-
*Std OREAS 680	0.023	<0.005	0.0015	0.242	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.010	-
*Rep A00507649	0.003	<0.005	<0.0005	0.005	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Rep A00507667	0.003	<0.005	<0.0005	0.003	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A021 /
734 Core (535-594)	
Number of Samples	60

ANALYSIS REPORT BBM21-09986

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

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

ANALYSIS REPORT BBM21-09987

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	09-Jun-2021 - 17-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A022 / 734 Core (595-654)	Date Completed	18-Aug-2021
		SGS Order Number	BBM21-09987
Number of Samples	60		

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
54	G_PRP	Combined Sample Preparation
60	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
60	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
60	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507694	0.94	11	20	10	1.17	<0.003
A00507695	3.44	<5	<10	<5	0.78	<0.003
A00507696	4.51	<5	<10	<5	0.61	<0.003
A00507697	4.36	<5	<10	<5	0.61	<0.003
A00507698	0.08	7	<10	12	3.69	0.009
A00507699	4.45	<5	<10	<5	0.62	<0.003
A00507700	3.57	<5	<10	<5	0.96	<0.003
A00507701	2.64	<5	<10	<5	0.62	<0.003
A00507702	3.53	<5	<10	<5	0.59	<0.003
A00507703	-	<5	<10	<5	0.61	<0.003
A00507704	2.65	<5	<10	<5	0.62	<0.003
A00507705	2.60	<5	<10	<5	0.62	<0.003
A00507706	3.04	<5	<10	<5	0.63	<0.003
A00507707	2.87	<5	<10	<5	0.57	<0.003
A00507708	0.13	<5	<10	<5	11.97	<0.003
A00507709	3.66	<5	<10	<5	0.86	<0.003
A00507710	3.65	<5	<10	<5	0.72	<0.003
A00507711	3.58	<5	<10	<5	0.71	<0.003
A00507712	3.59	<5	<10	<5	0.77	<0.003
A00507713	3.62	<5	<10	<5	0.73	<0.003
A00507714	3.38	<5	<10	<5	0.82	<0.003
A00507715	3.81	<5	<10	<5	0.80	<0.003
A00507716	3.51	<5	<10	<5	0.83	<0.003
A00507717	3.79	<5	<10	<5	0.73	<0.003
A00507718	-	<5	<10	<5	0.71	<0.003
A00507719	3.67	<5	<10	<5	0.77	<0.003
A00507720	3.28	<5	<10	<5	0.86	<0.003
A00507721	3.79	<5	<10	<5	0.80	<0.003
A00507722	3.36	<5	<10	<5	0.87	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507723	0.09	11	20	12	4.03	0.013
A00507724	3.60	<5	<10	<5	0.81	<0.003
A00507725	3.51	<5	<10	<5	0.82	<0.003
A00507726	3.74	<5	<10	<5	0.86	<0.003
A00507727	3.25	<5	<10	<5	0.88	<0.003
A00507728	0.13	<5	<10	<5	12.39	<0.003
A00507729	3.60	<5	<10	<5	0.89	<0.003
A00507730	3.02	<5	<10	<5	0.97	<0.003
A00507731	3.56	<5	<10	<5	0.93	<0.003
A00507732	4.19	<5	<10	<5	0.99	<0.003
A00507733	2.95	<5	<10	<5	1.05	<0.003
A00507734	4.13	<5	<10	<5	1.19	<0.003
A00507735	3.53	6	<10	<5	1.16	<0.003
A00507736	3.57	<5	<10	<5	1.18	<0.003
A00507737	3.92	<5	<10	<5	1.35	<0.003
A00507738	0.08	2000	30	38	7.39	<0.003
A00507739	3.48	<5	<10	<5	1.47	<0.003
A00507740	3.73	<5	<10	<5	1.41	<0.003
A00507741	2.99	<5	<10	<5	1.54	<0.003
A00507742	3.27	<5	<10	<5	1.32	<0.003
A00507743	-	<5	<10	<5	1.30	<0.003
A00507744	4.27	<5	<10	<5	1.00	<0.003
A00507745	3.50	<5	<10	<5	1.02	<0.003
A00507746	3.80	<5	<10	<5	1.07	<0.003
A00507747	3.56	<5	<10	<5	1.07	<0.003
A00507748	0.13	<5	<10	<5	12.55	<0.003
A00507749	3.62	<5	<10	5	1.09	<0.003
A00507750	3.65	<5	<10	6	1.04	<0.003
A00507751	3.87	<5	<10	<5	1.01	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507752	3.76	<5	<10	<5	1.01	<0.003
A00507753	1.94	<5	<10	<5	1.07	<0.003
*Dup A00507732	-	<5	<10	<5	0.98	<0.003
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std SU-1B	-	-	-	-	3.94	<0.003
*Std OREAS 680	-	-	-	-	6.75	0.010
*Std OREAS 70b	-	-	-	-	3.70	0.013
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507695	-	<5	<10	<5	-	-
*Std OREAS 680	-	152	400	226	-	-
*Std PGMS-27	-	4190	1150	1870	-	-
*Std OREAS 45f	-	20	40	63	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507743	-	<5	<10	<5	-	-
*Rep A00507749	-	<5	<10	5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	7.42	0.012
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std SU-1B	-	-	-	-	4.30	<0.003
*Std OREAS 70b	-	-	-	-	3.80	0.014

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507694	<0.001	<0.0005	0.2	<0.001	0.019	0.392

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507695	<0.001	<0.0005	<0.1	<0.001	0.011	0.299
A00507696	<0.001	<0.0005	<0.1	<0.001	0.010	0.322
A00507697	<0.001	<0.0005	<0.1	<0.001	0.009	0.327
A00507698	0.020	<0.0005	2.9	<0.001	0.008	0.116
A00507699	<0.001	<0.0005	<0.1	<0.001	0.010	0.368
A00507700	<0.001	<0.0005	<0.1	<0.001	0.009	0.324
A00507701	<0.001	<0.0005	<0.1	<0.001	0.010	0.218
A00507702	<0.001	<0.0005	<0.1	<0.001	0.010	0.273
A00507703	<0.001	<0.0005	<0.1	<0.001	0.010	0.277
A00507704	<0.001	<0.0005	<0.1	<0.001	0.011	0.406
A00507705	<0.001	<0.0005	<0.1	<0.001	0.011	0.315
A00507706	<0.001	<0.0005	<0.1	<0.001	0.011	0.217
A00507707	<0.001	<0.0005	<0.1	<0.001	0.011	0.183
A00507708	0.002	<0.0005	0.3	<0.001	<0.001	0.003
A00507709	<0.001	<0.0005	<0.1	<0.001	0.010	0.208
A00507710	<0.001	<0.0005	<0.1	<0.001	0.010	0.200
A00507711	<0.001	<0.0005	<0.1	<0.001	0.010	0.186
A00507712	<0.001	<0.0005	<0.1	<0.001	0.010	0.229
A00507713	<0.001	<0.0005	<0.1	<0.001	0.011	0.223
A00507714	<0.001	<0.0005	<0.1	<0.001	0.010	0.235
A00507715	<0.001	<0.0005	<0.1	<0.001	0.009	0.204
A00507716	<0.001	<0.0005	<0.1	<0.001	0.010	0.169
A00507717	<0.001	<0.0005	<0.1	<0.001	0.010	0.150
A00507718	<0.001	<0.0005	<0.1	<0.001	0.011	0.150
A00507719	<0.001	<0.0005	<0.1	<0.001	0.011	0.160
A00507720	<0.001	<0.0005	<0.1	<0.001	0.009	0.154
A00507721	<0.001	<0.0005	0.1	<0.001	0.011	0.127
A00507722	<0.001	<0.0005	<0.1	<0.001	0.011	0.145
A00507723	0.020	<0.0005	3.1	<0.001	0.008	0.108

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507724	<0.001	<0.0005	<0.1	<0.001	0.011	0.133
A00507725	<0.001	<0.0005	<0.1	<0.001	0.012	0.128
A00507726	<0.001	<0.0005	0.1	<0.001	0.011	0.162
A00507727	<0.001	<0.0005	0.1	<0.001	0.010	0.175
A00507728	0.002	<0.0005	0.4	<0.001	<0.001	<0.001
A00507729	<0.001	<0.0005	0.1	<0.001	0.011	0.182
A00507730	<0.001	<0.0005	<0.1	<0.001	0.011	0.188
A00507731	<0.001	<0.0005	<0.1	<0.001	0.011	0.205
A00507732	<0.001	<0.0005	0.2	<0.001	0.011	0.208
A00507733	<0.001	<0.0005	0.1	<0.001	0.011	0.209
A00507734	<0.001	<0.0005	0.1	<0.001	0.011	0.219
A00507735	<0.001	<0.0005	0.1	<0.001	0.011	0.214
A00507736	<0.001	<0.0005	0.2	<0.001	0.010	0.205
A00507737	<0.001	<0.0005	0.8	<0.001	0.011	0.202
A00507738	0.023	<0.0005	5.8	<0.001	0.019	0.023
A00507739	<0.001	<0.0005	1.2	<0.001	0.010	0.204
A00507740	<0.001	<0.0005	0.9	<0.001	0.010	0.211
A00507741	<0.001	<0.0005	1.6	<0.001	0.009	0.210
A00507742	<0.001	<0.0005	0.1	<0.001	0.010	0.217
A00507743	<0.001	<0.0005	0.1	<0.001	0.010	0.203
A00507744	<0.001	<0.0005	0.1	<0.001	0.016	0.146
A00507745	<0.001	<0.0005	0.1	<0.001	0.011	0.158
A00507746	<0.001	<0.0005	<0.1	<0.001	0.009	0.154
A00507747	<0.001	<0.0005	0.1	<0.001	0.010	0.222
A00507748	0.002	<0.0005	0.4	<0.001	<0.001	<0.001
A00507749	<0.001	<0.0005	0.1	<0.001	0.009	0.215
A00507750	<0.001	<0.0005	0.2	<0.001	0.011	0.209
A00507751	<0.001	<0.0005	0.1	<0.001	0.010	0.215
A00507752	<0.001	<0.0005	0.2	<0.001	0.010	0.187

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507753	<0.001	<0.0005	0.1	<0.001	0.010	0.194
*Dup A00507732	<0.001	<0.0005	0.1	<0.001	0.011	0.215
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	0.002
*Std SU-1B	0.033	<0.0005	2.1	<0.001	0.061	0.033
*Std OREAS 680	0.061	<0.0005	5.4	<0.001	0.038	0.205
*Std OREAS 70b	0.020	<0.0005	3.0	<0.001	0.008	0.120
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.066	<0.0005	5.7	<0.001	0.046	0.203
*Blk BLANK	<0.001	<0.0005	0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.067	0.031
*Std OREAS 70b	0.019	<0.0005	3.0	<0.001	0.008	0.118

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507694	0.004	4.41	<0.1	<0.001	<0.001	23.05
A00507695	<0.001	4.87	<0.1	<0.001	<0.001	23.07
A00507696	<0.001	5.92	<0.1	<0.001	<0.001	23.79
A00507697	<0.001	5.05	<0.1	<0.001	<0.001	22.83
A00507698	0.005	5.33	0.6	0.001	0.003	13.16
A00507699	<0.001	5.51	<0.1	<0.001	<0.001	24.21
A00507700	<0.001	5.13	<0.1	<0.001	<0.001	23.43
A00507701	<0.001	5.48	<0.1	<0.001	<0.001	23.59
A00507702	<0.001	4.91	<0.1	<0.001	<0.001	23.59
A00507703	<0.001	5.04	<0.1	<0.001	<0.001	24.13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507704	<0.001	5.24	<0.1	<0.001	<0.001	23.64
A00507705	<0.001	5.26	<0.1	<0.001	<0.001	24.17
A00507706	0.001	5.45	<0.1	<0.001	<0.001	24.59
A00507707	<0.001	5.11	<0.1	<0.001	<0.001	23.67
A00507708	<0.001	0.59	4.0	<0.001	0.002	0.29
A00507709	<0.001	4.93	<0.1	<0.001	<0.001	23.82
A00507710	<0.001	5.30	<0.1	<0.001	<0.001	23.48
A00507711	<0.001	5.47	<0.1	<0.001	<0.001	23.65
A00507712	<0.001	5.45	<0.1	<0.001	<0.001	24.42
A00507713	<0.001	5.47	<0.1	<0.001	<0.001	23.56
A00507714	<0.001	5.26	<0.1	<0.001	<0.001	23.83
A00507715	<0.001	5.18	<0.1	<0.001	<0.001	22.91
A00507716	<0.001	5.25	<0.1	<0.001	<0.001	23.49
A00507717	<0.001	5.37	<0.1	<0.001	<0.001	23.19
A00507718	<0.001	5.25	<0.1	<0.001	<0.001	22.78
A00507719	<0.001	5.77	<0.1	<0.001	<0.001	23.34
A00507720	<0.001	4.99	<0.1	<0.001	<0.001	23.25
A00507721	<0.001	5.98	<0.1	<0.001	<0.001	22.79
A00507722	<0.001	6.06	<0.1	<0.001	<0.001	23.42
A00507723	0.005	5.80	0.7	0.001	0.003	13.18
A00507724	0.001	5.96	<0.1	<0.001	<0.001	22.64
A00507725	<0.001	6.21	<0.1	<0.001	<0.001	23.26
A00507726	<0.001	5.92	<0.1	<0.001	<0.001	22.80
A00507727	<0.001	5.17	<0.1	<0.001	<0.001	23.12
A00507728	<0.001	0.58	4.1	<0.001	0.003	0.21
A00507729	<0.001	5.82	<0.1	<0.001	<0.001	21.65
A00507730	<0.001	6.41	<0.1	<0.001	<0.001	22.41
A00507731	<0.001	5.92	<0.1	<0.001	<0.001	22.18
A00507732	<0.001	5.98	<0.1	<0.001	<0.001	22.18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507733	<0.001	6.28	<0.1	<0.001	<0.001	21.51
A00507734	<0.001	6.15	<0.1	<0.001	<0.001	22.15
A00507735	<0.001	6.03	<0.1	<0.001	<0.001	21.92
A00507736	<0.001	6.14	<0.1	<0.001	<0.001	21.95
A00507737	<0.001	5.88	<0.1	<0.001	<0.001	21.49
A00507738	0.034	9.69	0.7	0.001	<0.001	3.77
A00507739	<0.001	6.24	<0.1	<0.001	<0.001	21.50
A00507740	<0.001	6.16	<0.1	<0.001	<0.001	21.10
A00507741	0.003	6.12	<0.1	<0.001	<0.001	20.45
A00507742	0.009	6.01	<0.1	<0.001	<0.001	22.43
A00507743	0.010	6.09	<0.1	<0.001	<0.001	22.54
A00507744	0.013	6.45	<0.1	<0.001	<0.001	21.66
A00507745	0.004	6.06	<0.1	<0.001	<0.001	22.69
A00507746	0.001	4.59	<0.1	<0.001	<0.001	21.81
A00507747	0.005	5.77	<0.1	<0.001	<0.001	21.77
A00507748	<0.001	0.62	4.1	<0.001	0.003	0.25
A00507749	0.002	5.97	<0.1	<0.001	<0.001	21.93
A00507750	0.003	6.15	0.1	<0.001	<0.001	22.41
A00507751	0.005	5.98	<0.1	<0.001	<0.001	22.53
A00507752	0.005	6.06	0.1	<0.001	<0.001	21.88
A00507753	0.006	6.33	<0.1	<0.001	<0.001	21.91
*Dup A00507732	<0.001	5.90	<0.1	<0.001	<0.001	21.66
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.106	24.08	0.6	0.001	<0.001	1.73
*Std OREAS 680	0.857	11.33	1.2	0.002	<0.001	3.49
*Std OREAS 70b	0.005	5.42	0.6	0.001	0.003	13.33
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	0.02
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.903	12.08	1.4	0.002	0.001	3.60

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)	
Number of Samples	60

ANALYSIS REPORT BBM21-09987

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Std SU-1B	1.144	>25.00	0.7	0.001	<0.001	1.71
*Std OREAS 70b	0.006	5.52	0.7	0.001	0.003	12.86

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507694	0.070	<0.001	0.337	0.02	<0.002	<0.05
A00507695	0.065	<0.001	0.250	0.01	<0.002	<0.05
A00507696	0.074	<0.001	0.251	<0.01	<0.002	<0.05
A00507697	0.065	<0.001	0.264	<0.01	<0.002	<0.05
A00507698	0.111	<0.001	0.218	0.03	0.002	0.25
A00507699	0.069	<0.001	0.273	<0.01	<0.002	<0.05
A00507700	0.070	<0.001	0.259	<0.01	<0.002	<0.05
A00507701	0.068	<0.001	0.259	<0.01	<0.002	<0.05
A00507702	0.070	<0.001	0.263	<0.01	<0.002	<0.05
A00507703	0.074	<0.001	0.261	<0.01	<0.002	<0.05
A00507704	0.074	<0.001	0.267	<0.01	<0.002	<0.05
A00507705	0.076	<0.001	0.251	<0.01	<0.002	<0.05
A00507706	0.084	<0.001	0.261	0.01	<0.002	<0.05
A00507707	0.070	<0.001	0.260	<0.01	<0.002	<0.05
A00507708	0.011	<0.001	0.002	<0.01	<0.002	<0.05
A00507709	0.097	<0.001	0.245	<0.01	<0.002	<0.05
A00507710	0.073	<0.001	0.252	<0.01	<0.002	<0.05
A00507711	0.077	<0.001	0.253	<0.01	<0.002	<0.05
A00507712	0.075	<0.001	0.266	<0.01	<0.002	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507713	0.073	<0.001	0.263	<0.01	<0.002	<0.05
A00507714	0.064	<0.001	0.250	<0.01	<0.002	<0.05
A00507715	0.068	<0.001	0.245	<0.01	<0.002	<0.05
A00507716	0.065	<0.001	0.245	<0.01	<0.002	<0.05
A00507717	0.069	<0.001	0.265	<0.01	<0.002	<0.05
A00507718	0.067	<0.001	0.268	<0.01	<0.002	<0.05
A00507719	0.070	<0.001	0.263	<0.01	<0.002	<0.05
A00507720	0.066	<0.001	0.255	<0.01	<0.002	<0.05
A00507721	0.066	<0.001	0.227	0.01	0.003	<0.05
A00507722	0.069	<0.001	0.238	0.02	0.003	<0.05
A00507723	0.109	<0.001	0.191	0.03	0.006	0.25
A00507724	0.067	<0.001	0.234	0.02	0.004	<0.05
A00507725	0.069	<0.001	0.234	0.01	0.003	<0.05
A00507726	0.065	<0.001	0.240	0.02	0.002	<0.05
A00507727	0.091	<0.001	0.219	<0.01	<0.002	<0.05
A00507728	0.010	<0.001	0.002	0.02	0.005	<0.05
A00507729	0.063	<0.001	0.233	0.02	0.003	<0.05
A00507730	0.066	<0.001	0.234	0.02	0.003	<0.05
A00507731	0.067	<0.001	0.228	0.01	0.003	<0.05
A00507732	0.066	<0.001	0.227	0.01	0.004	<0.05
A00507733	0.071	<0.001	0.244	<0.01	0.003	<0.05
A00507734	0.092	<0.001	0.219	0.01	0.003	<0.05
A00507735	0.095	<0.001	0.224	0.02	0.003	<0.05
A00507736	0.102	<0.001	0.199	0.02	0.003	<0.05
A00507737	0.104	<0.001	0.205	0.02	0.003	<0.05
A00507738	0.096	<0.001	0.651	0.13	0.004	1.71
A00507739	0.107	<0.001	0.205	0.02	0.003	<0.05
A00507740	0.108	<0.001	0.200	0.02	0.003	<0.05
A00507741	0.095	<0.001	0.211	0.01	0.004	<0.05

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507742	0.097	<0.001	0.220	0.02	0.003	<0.05
A00507743	0.097	<0.001	0.225	0.02	0.003	<0.05
A00507744	0.075	<0.001	0.242	0.02	<0.002	<0.05
A00507745	0.076	<0.001	0.246	0.03	<0.002	<0.05
A00507746	0.072	<0.001	0.217	0.01	<0.002	<0.05
A00507747	0.072	<0.001	0.226	0.02	0.003	<0.05
A00507748	0.010	<0.001	0.001	0.02	0.005	<0.05
A00507749	0.069	<0.001	0.226	0.02	0.003	<0.05
A00507750	0.070	<0.001	0.225	0.02	0.003	<0.05
A00507751	0.074	<0.001	0.241	<0.01	0.002	<0.05
A00507752	0.075	<0.001	0.235	0.01	0.003	<0.05
A00507753	0.075	<0.001	0.229	0.02	<0.002	<0.05
*Dup A00507732	0.064	<0.001	0.237	0.02	0.004	<0.05
*Blk BLANK	<0.001	<0.001	0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.065	<0.001	1.960	0.06	0.008	>10.00
*Std OREAS 680	0.114	<0.001	2.129	0.12	0.242	5.45
*Std OREAS 70b	0.111	<0.001	0.224	0.02	0.002	0.25
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	0.01	0.002	<0.05
*Std OREAS 680	0.118	<0.001	2.034	0.15	0.248	5.34
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.064	<0.001	1.808	0.07	0.010	>10.00
*Std OREAS 70b	0.104	<0.001	0.205	0.03	0.005	0.26

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507694	<0.005	0.0007	16.9	<0.005	<0.001	0.06
A00507695	<0.005	0.0006	16.3	<0.005	<0.001	0.03
A00507696	<0.005	0.0006	16.9	<0.005	<0.001	0.04
A00507697	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507698	<0.005	0.0011	22.1	<0.005	0.007	0.18
A00507699	<0.005	0.0006	17.3	<0.005	<0.001	0.03
A00507700	<0.005	0.0007	16.6	<0.005	<0.001	0.06
A00507701	<0.005	0.0006	16.7	<0.005	<0.001	0.04
A00507702	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507703	<0.005	0.0007	16.7	<0.005	<0.001	0.03
A00507704	<0.005	0.0006	16.4	<0.005	<0.001	0.03
A00507705	<0.005	0.0006	16.6	<0.005	<0.001	0.03
A00507706	<0.005	0.0006	16.7	<0.005	<0.001	0.05
A00507707	<0.005	0.0007	16.5	<0.005	<0.001	0.03
A00507708	<0.005	<0.0005	27.0	<0.005	0.003	<0.01
A00507709	<0.005	0.0006	16.3	<0.005	<0.001	0.06
A00507710	<0.005	0.0006	16.4	<0.005	<0.001	0.05
A00507711	<0.005	0.0006	16.6	<0.005	<0.001	0.04
A00507712	<0.005	0.0007	17.2	<0.005	<0.001	0.05
A00507713	<0.005	0.0007	16.6	<0.005	<0.001	0.04
A00507714	<0.005	0.0007	17.2	<0.005	<0.001	0.04
A00507715	<0.005	0.0007	16.4	<0.005	<0.001	0.05
A00507716	<0.005	0.0007	16.8	<0.005	<0.001	0.04
A00507717	<0.005	0.0007	16.6	<0.005	<0.001	0.04
A00507718	<0.005	0.0007	16.3	<0.005	<0.001	0.04
A00507719	<0.005	0.0007	16.9	<0.005	<0.001	0.04
A00507720	<0.005	0.0007	16.8	<0.005	<0.001	0.05
A00507721	<0.005	0.0007	16.9	<0.005	<0.001	0.02
A00507722	<0.005	0.0007	17.5	<0.005	<0.001	0.03

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507723	<0.005	0.0011	22.7	<0.005	0.008	0.15
A00507724	<0.005	0.0007	17.0	<0.005	<0.001	0.02
A00507725	<0.005	0.0007	17.2	<0.005	<0.001	0.02
A00507726	<0.005	0.0007	17.3	<0.005	<0.001	0.02
A00507727	<0.005	0.0006	16.5	0.006	<0.001	0.06
A00507728	<0.005	<0.0005	26.9	<0.005	0.004	<0.01
A00507729	<0.005	0.0007	16.5	<0.005	<0.001	0.02
A00507730	<0.005	0.0008	17.2	<0.005	<0.001	0.02
A00507731	<0.005	0.0007	16.8	<0.005	<0.001	0.03
A00507732	<0.005	0.0008	17.1	<0.005	<0.001	0.02
A00507733	<0.005	0.0008	16.8	<0.005	<0.001	0.03
A00507734	<0.005	0.0008	17.3	<0.005	<0.001	0.05
A00507735	<0.005	0.0008	17.1	<0.005	<0.001	0.03
A00507736	<0.005	0.0008	17.5	<0.005	<0.001	0.03
A00507737	<0.005	0.0009	17.5	<0.005	<0.001	0.05
A00507738	<0.005	0.0018	22.7	<0.005	0.037	0.98
A00507739	<0.005	0.0010	18.1	<0.005	<0.001	0.05
A00507740	<0.005	0.0010	17.3	<0.005	<0.001	0.04
A00507741	<0.005	0.0011	17.3	<0.005	<0.001	0.07
A00507742	<0.005	0.0010	17.1	<0.005	<0.001	0.04
A00507743	<0.005	0.0010	17.3	<0.005	<0.001	0.05
A00507744	<0.005	0.0007	17.2	<0.005	<0.001	0.04
A00507745	<0.005	0.0007	17.4	0.005	<0.001	0.04
A00507746	<0.005	0.0007	16.9	<0.005	<0.001	0.03
A00507747	<0.005	0.0008	17.0	<0.005	<0.001	0.03
A00507748	<0.005	<0.0005	27.2	<0.005	0.004	<0.01
A00507749	<0.005	0.0008	17.1	<0.005	<0.001	0.03
A00507750	<0.005	0.0008	17.5	<0.005	<0.001	0.04
A00507751	<0.005	0.0008	17.5	<0.005	<0.001	0.04

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507752	<0.005	0.0008	17.3	<0.005	<0.001	0.03
A00507753	<0.005	0.0008	17.2	<0.005	<0.001	0.03
*Dup A00507732	<0.005	0.0008	16.8	<0.005	<0.001	0.02
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.01
*Std SU-1B	<0.005	0.0008	14.6	<0.005	0.027	0.21
*Std OREAS 680	<0.005	0.0021	19.3	<0.005	0.041	0.49
*Std OREAS 70b	<0.005	0.0011	22.4	<0.005	0.007	0.17
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0021	20.0	<0.005	0.043	0.49
*Blk BLANK	<0.005	<0.0005	<0.1	0.008	<0.001	0.01
*Std SU-1B	<0.005	0.0008	14.8	<0.005	0.029	0.20
*Std OREAS 70b	<0.005	0.0011	21.6	<0.005	0.007	0.14

Element	V	W	Y	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.005	0.0005	0.001
Upper Limit	5	4	2.5	5
Unit	%	%	%	%
A00507694	0.006	<0.005	<0.0005	0.004
A00507695	0.004	<0.005	<0.0005	0.003
A00507696	0.004	<0.005	<0.0005	0.005
A00507697	0.003	<0.005	<0.0005	0.005
A00507698	0.007	<0.005	0.0009	0.011
A00507699	0.003	<0.005	<0.0005	0.006
A00507700	0.004	<0.005	<0.0005	0.004
A00507701	0.003	<0.005	<0.0005	0.003
A00507702	0.003	<0.005	<0.0005	0.004

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	V	W	Y	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.005	0.0005	0.001
Upper Limit	5	4	2.5	5
Unit	%	%	%	%
A00507703	0.003	<0.005	<0.0005	0.004
A00507704	0.003	<0.005	<0.0005	0.007
A00507705	0.003	<0.005	<0.0005	0.006
A00507706	0.004	<0.005	<0.0005	0.003
A00507707	0.003	<0.005	<0.0005	0.003
A00507708	<0.001	<0.005	<0.0005	0.001
A00507709	0.004	<0.005	<0.0005	0.003
A00507710	0.004	<0.005	<0.0005	0.003
A00507711	0.004	<0.005	<0.0005	0.003
A00507712	0.004	<0.005	<0.0005	0.004
A00507713	0.004	<0.005	<0.0005	0.004
A00507714	0.004	<0.005	<0.0005	0.003
A00507715	0.004	<0.005	<0.0005	0.003
A00507716	0.004	<0.005	<0.0005	0.003
A00507717	0.004	<0.005	<0.0005	0.003
A00507718	0.004	<0.005	<0.0005	0.003
A00507719	0.004	<0.005	<0.0005	0.003
A00507720	0.004	<0.005	<0.0005	0.003
A00507721	0.004	<0.005	<0.0005	0.003
A00507722	0.004	<0.005	<0.0005	0.003
A00507723	0.006	<0.005	0.0009	0.011
A00507724	0.004	<0.005	<0.0005	0.003
A00507725	0.004	<0.005	<0.0005	0.003
A00507726	0.004	<0.005	<0.0005	0.003
A00507727	0.003	<0.005	<0.0005	0.003
A00507728	<0.001	<0.005	<0.0005	0.002
A00507729	0.004	<0.005	<0.0005	0.003
A00507730	0.004	<0.005	<0.0005	0.003
A00507731	0.004	<0.005	<0.0005	0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	V	W	Y	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.005	0.0005	0.001
Upper Limit	5	4	2.5	5
Unit	%	%	%	%
A00507732	0.004	<0.005	<0.0005	0.003
A00507733	0.005	<0.005	<0.0005	0.003
A00507734	0.005	<0.005	<0.0005	0.003
A00507735	0.005	<0.005	<0.0005	0.004
A00507736	0.005	<0.005	<0.0005	0.004
A00507737	0.006	<0.005	<0.0005	0.004
A00507738	0.015	<0.005	0.0019	0.010
A00507739	0.006	<0.005	<0.0005	0.004
A00507740	0.005	<0.005	<0.0005	0.004
A00507741	0.007	<0.005	<0.0005	0.004
A00507742	0.005	<0.005	<0.0005	0.003
A00507743	0.006	<0.005	<0.0005	0.003
A00507744	0.004	<0.005	<0.0005	0.002
A00507745	0.004	<0.005	<0.0005	0.003
A00507746	0.004	<0.005	<0.0005	0.002
A00507747	0.005	<0.005	<0.0005	0.002
A00507748	<0.001	<0.005	<0.0005	0.002
A00507749	0.004	<0.005	<0.0005	0.002
A00507750	0.005	<0.005	<0.0005	0.002
A00507751	0.004	<0.005	<0.0005	0.002
A00507752	0.004	<0.005	<0.0005	0.002
A00507753	0.005	<0.005	<0.0005	0.003
*Dup A00507732	0.004	<0.005	<0.0005	0.003
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001
*Std SU-1B	0.010	<0.005	0.0006	0.022
*Std OREAS 680	0.023	<0.005	0.0015	0.208
*Std OREAS 70b	0.007	<0.005	0.0009	0.011
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A022 /
734 Core (595-654)
Number of Samples 60

ANALYSIS REPORT BBM21-09987

Element	V	W	Y	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.005	0.0005	0.001
Upper Limit	5	4	2.5	5
Unit	%	%	%	%
*Std OREAS 680	0.024	<0.005	0.0015	0.235
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001
*Std SU-1B	0.010	<0.005	0.0006	0.026
*Std OREAS 70b	0.007	<0.005	0.0009	0.010

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

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ANALYSIS REPORT BBM21-09988

To CANADA NICKEL COMPANY INC
EDWIN ESCARRAGA
130 KING STREET WEST SUITE 1900
FIRST CANADIAN PLACE EXHANGER TOWER
TORONTO M5X 1E3
ON
CANADA

Order Number	PO#	Date Received	02-Jun-2021
Project	MACDIARMID	Date Analysed	09-Jun-2021 - 17-Aug-2021
Submission Number	*LK* Macdiarmid / MAC21-C-A023 / 734 Core (655-674)	Date Completed	17-Aug-2021
		SGS Order Number	BBM21-09988
Number of Samples	20		

Methods Summary

Number of Sample	Method Code	Description
18	G_PRP	Combined Sample Preparation
20	G_WGH_KG	Weight of samples received
20	GE_FAI31V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 30g-5mL
20	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
20	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
1	GS_PHY18V	Bulk Density (BD), Immersion, non-waxed (subcontracted)

Comments

Preparation of samples was performed at the SGS Lakefield site.
Analysis of samples was performed at the SGS Burnaby site.
S reporting limit was raised due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com

Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
A00507754	3.42	<5	<10	<5	1.28	<0.003
A00507755	2.47	<5	<10	<5	1.09	<0.003
A00507756	3.23	<5	10	<5	0.97	<0.003
A00507757	3.40	<5	<10	<5	0.94	<0.003
A00507758	0.09	9	<10	11	3.79	0.013
A00507759	2.15	<5	<10	<5	0.95	<0.003
A00507760	4.18	<5	<10	<5	1.17	<0.003
A00507761	3.00	<5	<10	6	2.63	0.003
A00507762	4.21	<5	<10	5	2.65	<0.003
A00507763	0.14	<5	<10	<5	12.69	<0.003
A00507764	4.26	<5	<10	<5	1.26	<0.003
A00507765	4.21	<5	<10	<5	4.06	<0.003
A00507766	4.04	<5	<10	<5	5.24	0.006
A00507767	4.03	<5	<10	<5	6.72	0.003
A00507768	-	<5	<10	<5	6.72	<0.003
A00507769	3.24	<5	<10	<5	6.57	<0.003
A00507770	3.09	5	<10	<5	7.02	<0.003
A00507771	3.35	<5	<10	<5	7.85	<0.003
A00507772	3.74	<5	<10	<5	8.21	<0.003
A00507773	3.61	<5	<10	<5	7.70	<0.003
*Std OREAS 680	-	152	400	226	-	-
*Std PGMS-27	-	4190	1150	1870	-	-
*Std OREAS 45f	-	20	40	63	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	7.42	0.012
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std SU-1B	-	-	-	-	4.30	<0.003

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	WTG	@Au	@Pt	@Pd	Al	As
Method	G_WGH_KG	GE_FAI31V5	GE_FAI31V5	GE_FAI31V5	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	5	10	5	0.01	0.003
Upper Limit	--	10,000	10,000	10,000	25	10
Unit	kg	ppb	ppb	ppb	%	%
*Std OREAS 70b	-	-	-	-	3.80	0.014
*Std OREAS 680	-	157	420	226	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	65	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.18	<0.003
*Std OREAS 70b	-	-	-	-	3.77	0.012
*Std OREAS 680	-	-	-	-	7.02	0.010

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507754	<0.001	<0.0005	0.2	<0.001	0.014	0.238
A00507755	<0.001	<0.0005	0.2	<0.001	0.014	0.198
A00507756	<0.001	<0.0005	0.2	<0.001	0.013	0.184
A00507757	<0.001	<0.0005	1.3	<0.001	0.013	0.186
A00507758	0.020	<0.0005	3.0	<0.001	0.008	0.114
A00507759	<0.001	<0.0005	1.5	<0.001	0.012	0.174
A00507760	<0.001	<0.0005	1.9	<0.001	0.012	0.184
A00507761	<0.001	<0.0005	7.6	<0.001	0.010	0.186
A00507762	<0.001	<0.0005	5.7	<0.001	0.010	0.242
A00507763	0.002	<0.0005	0.4	<0.001	<0.001	<0.001
A00507764	<0.001	<0.0005	2.5	<0.001	0.011	0.206
A00507765	<0.001	<0.0005	10.0	<0.001	0.007	0.121

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number	PO#
Project	MACDIARMID
Submission Number	*LK* Macdiarmid / MAC21-C-A023 / 734 Core (655-674)
Number of Samples	20

ANALYSIS REPORT BBM21-09988

Element	Ba	Be	Ca	Cd	Co	Cr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.0005	0.1	0.001	0.001	0.001
Upper Limit	5	2.5	25	5	5	5
Unit	%	%	%	%	%	%
A00507766	<0.001	<0.0005	15.5	<0.001	0.003	0.013
A00507767	0.028	<0.0005	2.6	<0.001	0.001	0.003
A00507768	0.026	<0.0005	2.8	<0.001	0.001	0.004
A00507769	0.042	<0.0005	2.6	<0.001	0.001	0.003
A00507770	0.053	<0.0005	3.1	<0.001	0.001	0.004
A00507771	0.047	<0.0005	5.4	<0.001	0.002	0.007
A00507772	0.021	<0.0005	4.9	<0.001	0.002	0.009
A00507773	0.022	<0.0005	6.2	<0.001	0.002	0.007
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.066	<0.0005	5.7	<0.001	0.046	0.203
*Blk BLANK	<0.001	<0.0005	0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.067	0.031
*Std OREAS 70b	0.019	<0.0005	3.0	<0.001	0.008	0.118
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	0.001
*Std SU-1B	0.034	<0.0005	2.1	<0.001	0.065	0.037
*Std OREAS 70b	0.020	<0.0005	2.9	<0.001	0.008	0.128
*Std OREAS 680	0.065	<0.0005	5.5	<0.001	0.040	0.225

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507754	0.020	6.15	<0.1	<0.001	<0.001	22.14
A00507755	0.015	5.68	<0.1	<0.001	<0.001	21.93
A00507756	0.014	6.15	<0.1	<0.001	<0.001	21.66
A00507757	0.003	5.98	<0.1	<0.001	<0.001	20.91

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	Cu	Fe	K	La	Li	Mg
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.01	0.1	0.001	0.001	0.01
Upper Limit	5	25	25	5	5	25
Unit	%	%	%	%	%	%
A00507758	0.005	5.47	0.7	0.001	0.003	12.71
A00507759	0.002	5.18	<0.1	<0.001	<0.001	20.24
A00507760	0.020	5.26	<0.1	<0.001	<0.001	20.10
A00507761	0.039	6.72	<0.1	<0.001	<0.001	14.29
A00507762	0.008	7.08	<0.1	<0.001	<0.001	16.52
A00507763	<0.001	0.68	4.1	<0.001	0.003	0.08
A00507764	0.014	6.11	<0.1	<0.001	<0.001	20.01
A00507765	0.008	6.39	0.1	<0.001	<0.001	12.09
A00507766	0.026	6.61	0.1	0.001	<0.001	4.29
A00507767	0.011	3.51	1.4	0.002	<0.001	0.69
A00507768	0.012	3.73	1.3	0.002	<0.001	0.72
A00507769	0.008	3.94	1.8	0.002	<0.001	0.89
A00507770	0.007	4.45	3.3	0.002	<0.001	0.94
A00507771	0.006	5.07	2.1	0.001	<0.001	1.62
A00507772	0.006	5.12	1.1	0.001	<0.001	2.42
A00507773	0.007	5.02	1.2	0.001	<0.001	2.10
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.903	12.08	1.4	0.002	0.001	3.60
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.02
*Std SU-1B	1.144	>25.00	0.7	0.001	<0.001	1.71
*Std OREAS 70b	0.006	5.52	0.7	0.001	0.003	12.86
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.01
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.167	24.82	0.6	0.001	<0.001	1.82
*Std OREAS 70b	0.005	5.50	0.6	0.001	0.003	13.67
*Std OREAS 680	0.910	11.75	1.3	0.002	<0.001	3.82

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
A00507754	0.094	<0.001	0.208	<0.01	0.003	0.06
A00507755	0.093	<0.001	0.236	0.02	0.003	0.09
A00507756	0.099	<0.001	0.255	0.01	0.004	0.14
A00507757	0.104	<0.001	0.255	0.01	0.003	0.17
A00507758	0.106	<0.001	0.204	0.03	0.005	0.26
A00507759	0.103	<0.001	0.235	0.01	0.003	0.16
A00507760	0.096	<0.001	0.235	0.03	0.003	0.15
A00507761	0.121	<0.001	0.149	0.03	0.003	0.48
A00507762	0.105	<0.001	0.141	0.04	0.003	0.40
A00507763	0.011	<0.001	<0.001	0.01	0.005	<0.05
A00507764	0.064	<0.001	0.193	0.03	0.004	2.20
A00507765	0.120	<0.001	0.086	0.02	0.004	1.30
A00507766	0.082	<0.001	0.029	0.06	0.004	2.41
A00507767	0.016	<0.001	0.001	0.06	<0.002	1.55
A00507768	0.018	<0.001	0.002	0.06	<0.002	1.64
A00507769	0.034	<0.001	0.002	0.05	<0.002	0.91
A00507770	0.050	<0.001	0.002	0.06	<0.002	0.28
A00507771	0.064	<0.001	0.005	0.06	<0.002	1.25
A00507772	0.091	<0.001	0.009	0.05	<0.002	0.33
A00507773	0.086	<0.001	0.007	0.05	<0.002	0.47
*Blk BLANK	<0.001	<0.001	<0.001	0.01	0.002	<0.05
*Std OREAS 680	0.118	<0.001	2.034	0.15	0.248	5.34
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.064	<0.001	1.808	0.07	0.010	>10.00
*Std OREAS 70b	0.104	<0.001	0.205	0.03	0.005	0.26
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.05
*Std SU-1B	0.070	<0.001	1.833	0.08	0.008	>10.00
*Std OREAS 70b	0.117	<0.001	0.214	0.01	<0.002	0.21

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	Mn	Mo	Ni	P	Pb	S
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.001	0.001	0.001	0.01	0.002	0.05
Upper Limit	10	5	10	25	10	10
Unit	%	%	%	%	%	%
*Std OREAS 680	0.129	<0.001	2.098	0.11	0.254	5.04

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
A00507754	<0.005	0.0009	17.6	<0.005	<0.001	0.04
A00507755	<0.005	0.0008	17.4	<0.005	<0.001	0.03
A00507756	<0.005	0.0007	17.3	<0.005	<0.001	0.02
A00507757	<0.005	0.0007	18.3	<0.005	<0.001	0.02
A00507758	<0.005	0.0011	21.5	<0.005	0.008	0.14
A00507759	<0.005	0.0007	17.7	<0.005	<0.001	0.02
A00507760	<0.005	0.0007	18.0	<0.005	<0.001	0.04
A00507761	<0.005	0.0013	18.8	<0.005	<0.001	0.12
A00507762	<0.005	0.0016	18.5	<0.005	<0.001	0.11
A00507763	<0.005	<0.0005	27.2	<0.005	0.004	<0.01
A00507764	<0.005	0.0009	18.7	<0.005	<0.001	0.05
A00507765	<0.005	0.0017	18.9	<0.005	<0.001	0.17
A00507766	<0.005	0.0010	21.4	<0.005	0.002	0.28
A00507767	<0.005	0.0012	>30.0	<0.005	0.014	0.45
A00507768	<0.005	0.0012	>30.0	<0.005	0.014	0.44
A00507769	<0.005	0.0012	>30.0	<0.005	0.011	0.44
A00507770	<0.005	0.0015	>30.0	<0.005	0.015	0.46
A00507771	<0.005	0.0019	26.0	<0.005	0.021	0.42
A00507772	<0.005	0.0022	25.7	<0.005	0.021	0.43
A00507773	<0.005	0.0020	25.7	<0.005	0.016	0.40
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	Sb	Sc	Si	Sn	Sr	Ti
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.005	0.0005	0.1	0.005	0.001	0.01
Upper Limit	10	5	30	5	0.5	25
Unit	%	%	%	%	%	%
*Std OREAS 680	<0.005	0.0021	20.0	<0.005	0.043	0.49
*Blk BLANK	<0.005	<0.0005	<0.1	0.008	<0.001	0.01
*Std SU-1B	<0.005	0.0008	14.8	<0.005	0.029	0.20
*Std OREAS 70b	<0.005	0.0011	21.6	<0.005	0.007	0.14
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0008	15.4	<0.005	0.029	0.22
*Std OREAS 70b	<0.005	0.0011	22.6	<0.005	0.007	0.17
*Std OREAS 680	<0.005	0.0022	20.5	<0.005	0.042	0.50

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507754	0.005	<0.005	<0.0005	0.004	-
A00507755	0.004	<0.005	<0.0005	0.003	-
A00507756	0.004	<0.005	<0.0005	0.002	-
A00507757	0.004	<0.005	<0.0005	0.004	-
A00507758	0.007	<0.005	0.0009	0.011	-
A00507759	0.004	<0.005	<0.0005	0.004	-
A00507760	0.004	<0.005	<0.0005	0.011	-
A00507761	0.008	<0.005	0.0006	0.011	-
A00507762	0.010	<0.005	0.0006	0.009	-
A00507763	<0.001	<0.005	0.0005	0.002	-
A00507764	0.005	<0.005	<0.0005	0.004	-
A00507765	0.011	<0.005	0.0008	0.006	-
A00507766	0.008	<0.005	0.0011	0.004	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number PO#
Project MACDIARMID
Submission Number *LK* Macdiarmid / MAC21-C-A023 /
734 Core (655-674)
Number of Samples 20

ANALYSIS REPORT BBM21-09988

Element	V	W	Y	Zn	Bulk Density
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GS_PHY18V
Lower Limit	0.001	0.005	0.0005	0.001	1
Upper Limit	5	4	2.5	5	--
Unit	%	%	%	%	g / cm³
A00507767	0.011	<0.005	0.0016	0.006	-
A00507768	0.011	<0.005	0.0016	0.007	-
A00507769	0.011	<0.005	0.0016	0.015	-
A00507770	0.012	<0.005	0.0017	0.017	-
A00507771	0.014	<0.005	0.0016	0.008	-
A00507772	0.015	<0.005	0.0017	0.007	2.84
A00507773	0.014	<0.005	0.0015	0.008	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 680	0.024	<0.005	0.0015	0.235	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std SU-1B	0.010	<0.005	0.0006	0.026	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.010	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std SU-1B	0.010	<0.005	0.0006	0.026	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-
*Std OREAS 680	0.024	<0.005	0.0015	0.231	-

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

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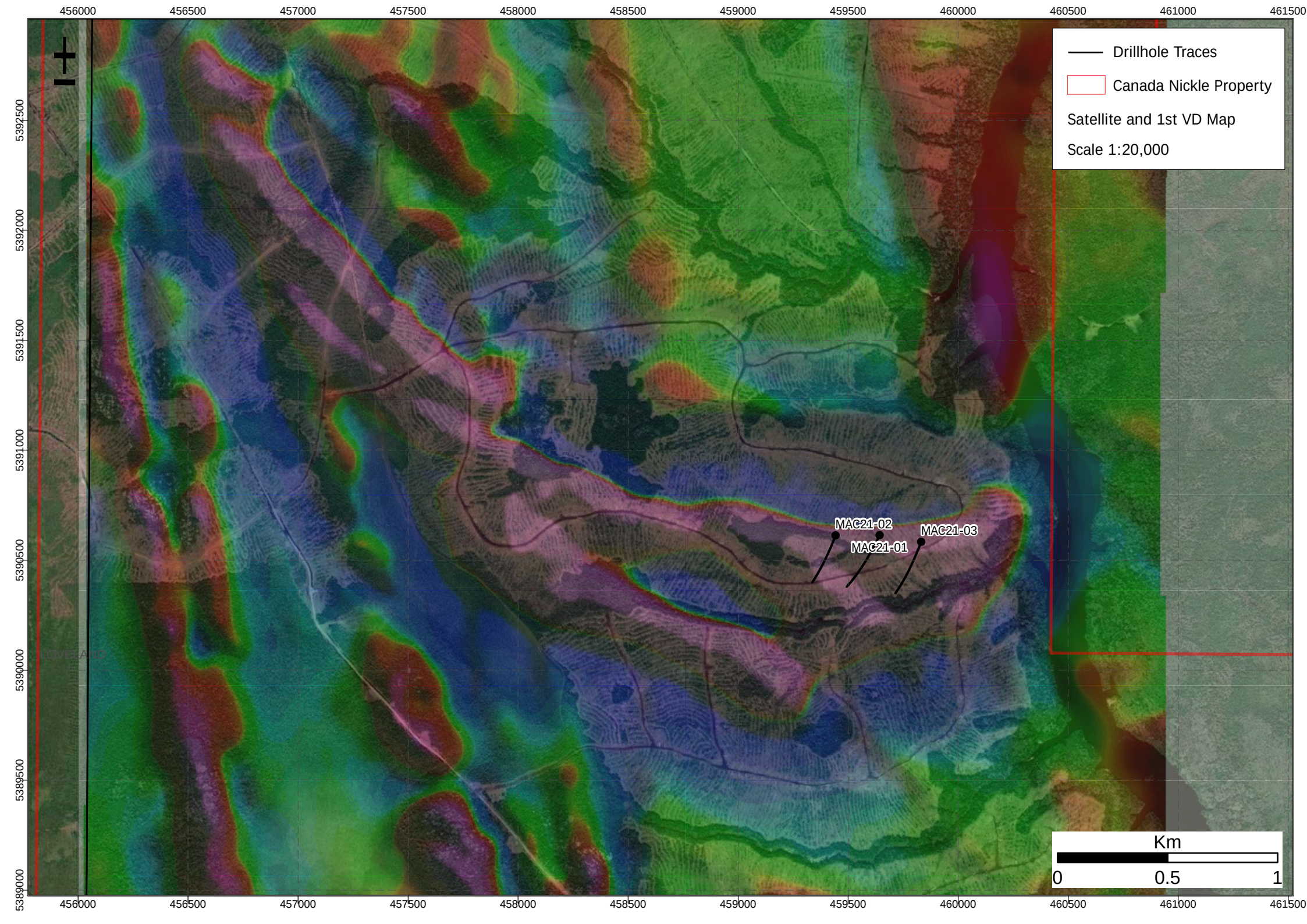
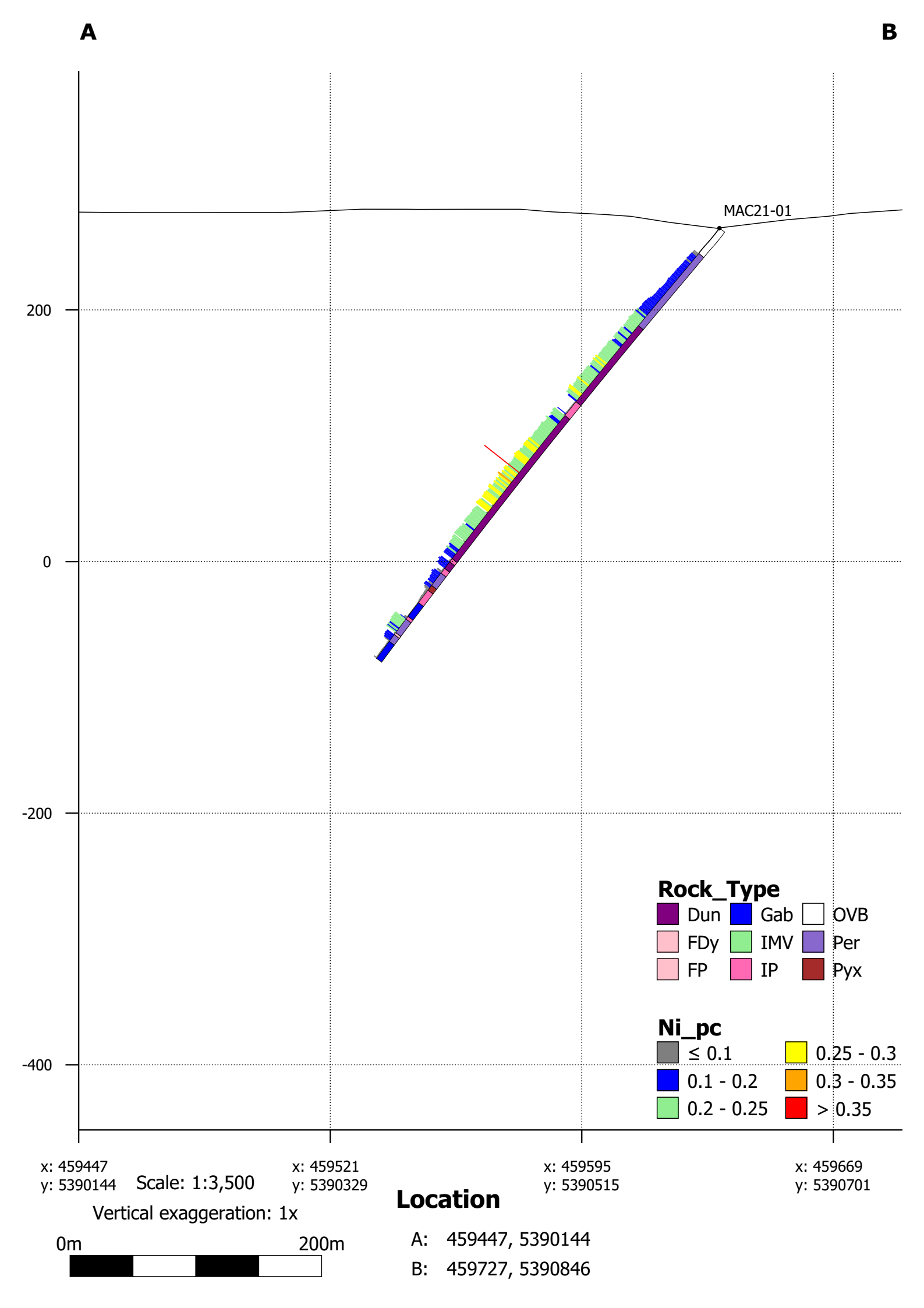
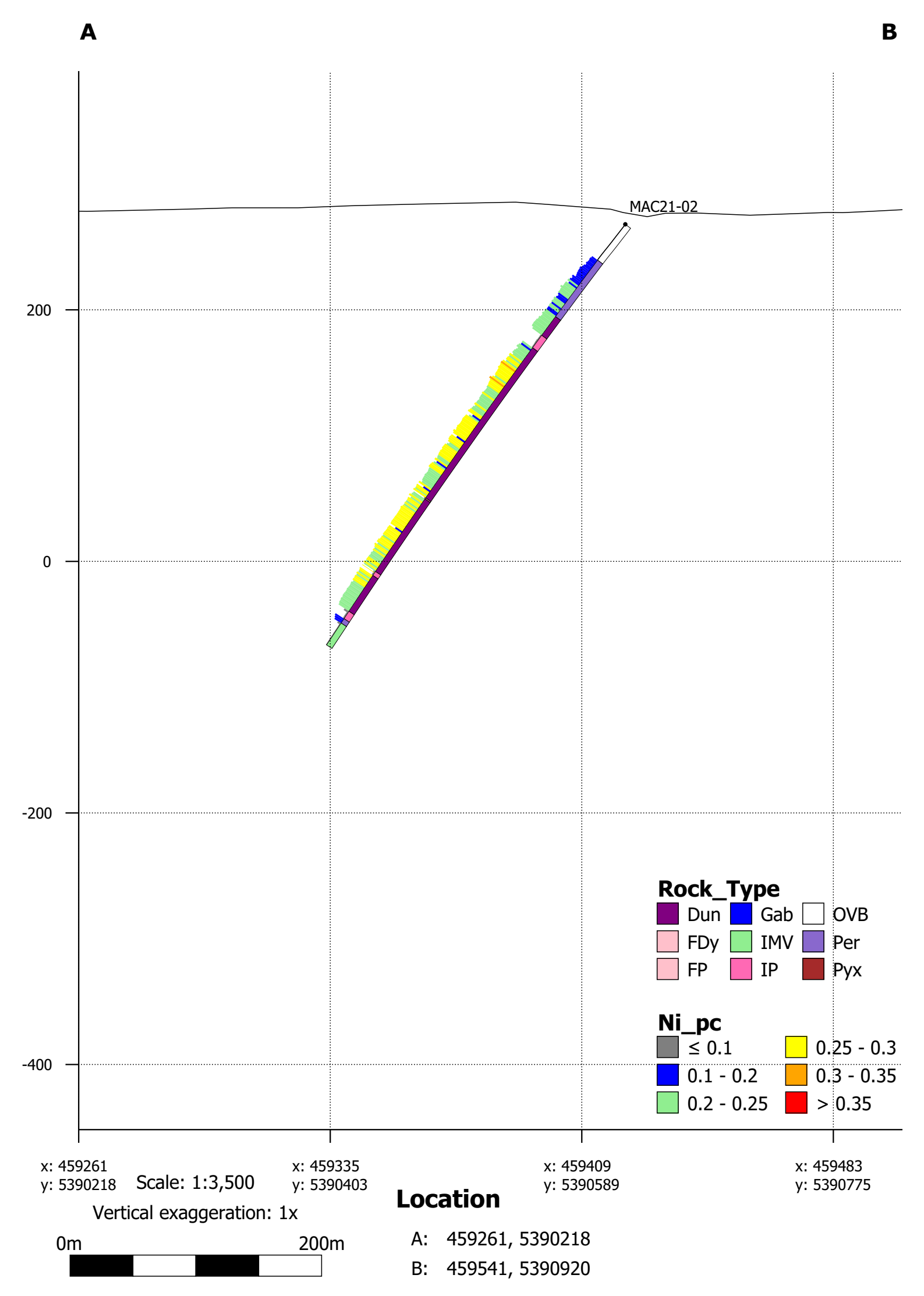
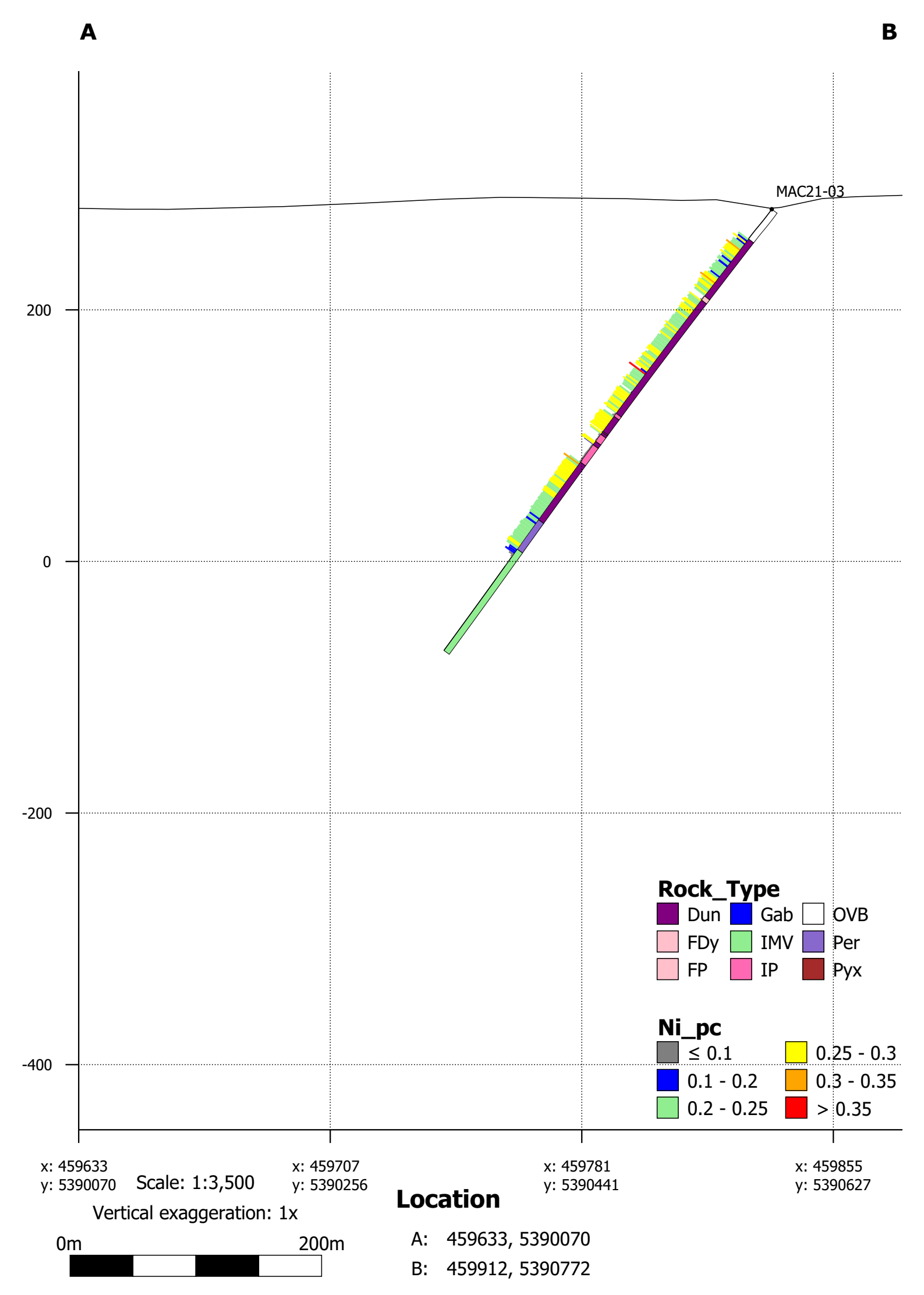
Appendix F – Drillhole Map


Drillhole Traces
Canada Nickle Property
Satellite and 1st VD Map
Scale 1:20,000
MAC21-02
MAC21-01
MAC21-03
Km
0
0.5
1
456000
456500
457000
457500
458000
458500
459000
459500
460000
460500
461000
461500
5392500
5392000
5391500
5391000
5390500
5390000
5389500
5389000

Appendix G - Cross Sections


A
B
MAC21-01
200
0
-200
-400
Rock_Type
Dun
Gab
OVB
FDy
IMV
Per
FP
IP
Pyx
Ni_pc
≤ 0.1
0.25 - 0.3
0.1 - 0.2
0.3 - 0.35
0.2 - 0.25
> 0.35
x: 459447
y: 5390144
x: 459521
y: 5390329
x: 459595
y: 5390515
x: 459669
y: 5390701
Scale: 1:3,500
Vertical exaggeration: 1x
0m
200m
Location
A: 459447, 5390144
B: 459727, 5390846


A
B
MAC21-02
200
0
-200
-400
Rock_Type
Dun
Gab
OVB
FDy
IMV
Per
FP
IP
Pyx
Ni_pc
≤ 0.1
0.25 - 0.3
0.1 - 0.2
0.3 - 0.35
0.2 - 0.25
> 0.35
x: 459261
y: 5390218
x: 459335
y: 5390403
x: 459409
y: 5390589
x: 459483
y: 5390775
Scale: 1:3,500
Vertical exaggeration: 1x
0m
200m
Location
A: 459261, 5390218
B: 459541, 5390920


A
B
MAC21-03
200
0
-200
-400
Rock_Type
Dun
Gab
OVB
FDy
IMV
Per
FP
IP
Pyx
Ni_pc
≤ 0.1
0.25 - 0.3
0.1 - 0.2
0.3 - 0.35
0.2 - 0.25
> 0.35
x: 459633
y: 5390070
x: 459707
y: 5390256
x: 459781
y: 5390441
x: 459855
y: 5390627
Scale: 1:3,500
Vertical exaggeration: 1x
0m
200m
Location
A: 459633, 5390070
B: 459912, 5390772