Ontario

We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l’accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d’aide à la communication, veuillez nous contacter.

Report on the

2021 Diamond Drill Program

Mahaffy Township, Porcupine Mining Division,

Northeastern Ontario

NTS 42A13 and 42A14

CANADA NICKEL COMPANY
1900-130 King Street W
Toronto, Ontario CANADA M5X 1E3
Tel: 416-214-2250 fax: 416-367-1954
Website: www.canadanickel.com
Email: info@canadanickel.com

Prepared By:
Mike Kilbourne
P.Geo (ON)
Orix Geoscience Inc.

Edwin Escarraga
P.Geo (ON)
Orix Geoscience Inc.
14th day of February 2022

Summary

Canada Nickel Company ("CNC") completed two diamond drill holes totaling 1,171 meters from May 15 to Jun 11 2021, in Mahaffy Township near Timmins, Ontario, Canada. One hole was abandoned in overburden at 115m. The objective of the drilling program was to test 4-5 closely spaced ultra-mafic sills having an aggregate strike length of 24 km. This prospect was previously tested by Historic hole 31901 (1966) which intersected 0.23% nickel over 127 metres, and hole T2-80-2 (1980) which intersected 277 metres of serpentinized ultramafic rock with no assays reported.

The first hole at Mahaffy (MAH21-01A) was collared southwest of the intrusive sequence and was pulled back to the southwest to also test for PGM mineralization. The hole encountered 116.5 metres of overburden followed by 15.5 metres of volcanics before intersecting a thick interval of 427 metres of primarily peridotite (with lesser dunite) to the end of hole at 561 metres. A potential PGM interval was not identified in the drill core. Hole MAH21-02A was collared 220 metres to the northwest and along strike from MAH21-01A. The hole encountered 159 metres of overburden before intersecting a core length of 335 metres of mineralized dunite to the end of hole at 495 metres (no potential PGM interval).

The 2021 drillhole program succeeded at confirming the presence of ultramafic lithologies (peridotite and dunite) that have the potential in hosting Ni-Cu-PGM mineralization. Although visual observations of the core did not appear to be enriched in sulphides and possible PGM values, the total magnetic field signature of the ultramafic sill on the Mahaffy Property is extensive with a strike length of 8km and width of 200-500m. This provides ample space and geometry to further investigate the ultramafic sill and limited drilling to date has covered little of its aerial coverage.

As overburden cover is extensive, geophysical methods and modern inversion and modeling techniques should be utilized to provide additional drill targets.

Table of Contents

List of Figures

List of Tables

List of Appendices

1.0 Introduction

Canada Nickel Company Inc. is advancing the next generation of nickel-cobalt sulphide projects to deliver nickel and cobalt required to feed the high growth electric vehicle and stainless-steel markets. Canada Nickel Company is pursuing the development of processes to allow the production of net zero carbon nickel, cobalt, and iron products. Canada Nickel is currently anchored by its 100% owned flagship Crawford Nickel-Cobalt Sulphide Project in the heart of the prolific Timmins-Cochrane mining camp.

Recent work (2003-2012) suggests that the rocks underlying the Crawford Ultramafic Complex (CUC) are part of the Deloro Assemblage (Monecke et al., 2017). The Deloro Assemblage (2730 to 2724 Ma) hosts the Crawford Ultramafic Complex (CUC) and consists mainly of mafic to felsic calc-alkaline volcanic rocks with local tholeiitic mafic volcanic units and an iron formation cap which is typically iron-poor, chert-magnetite (Ayer et al., 2005; Thurston et al., 2008). Sulphide mineralization discovered to date on the Crawford property can be characterized as komatiite-hosted Ni-Cu-Co-platinum-group-elements (PGE) deposit type.

The surrounding Lower Blake River Assemblage (2704 to 2701 Ma) underlying the property, consists predominantly of tholeiitic mafic volcanic rocks with isolated units of tholeiitic felsic volcanic rocks and turbiditic sedimentary rocks (Ayer et al., 2005; Thurston et al., 2008) and is host to several mafic-ultramafic sills in the northern part of Crawford Township and in neighboring Mahaffy and Aubin townships.

The Mahaffy Property is located 15 kilometres west of Crawford. The Mahaffy Property consists of 4 to 5 closely spaced ultramafic sills having an aggregate strike length of 24 kilometres. This prospect was previously tested by Historic hole 31901 (1966) which intersected 0.23% nickel over 127 metres, and hole T2-80-2 (1980) which intersected 277 metres of serpentinized ultramafic rock with no assays reported. For reference, the Crawford Main Zone resource is 1.7 kilometres long and 225 to 425 metres wide.

CNC contracted NPLH Drilling and completed two diamond drill holes from May 15th to June 11, 2021, totaling 1,056m and collecting 621 samples. One hole was abandoned in overburden at 115m. The objective of the drilling program was to investigate the nature and significance of the ultramafic sills and their mineral tenor to expand on the economic viability of the Crawford Nickel-Cobalt Sulphide Project.

The first hole, MAH21-01A (claim 527466) was collared southwest of the intrusive sequence and was pulled back to the southwest to also test for PGM mineralization. A potential PGM interval was not identified in the drill core. Hole MAH21-02A, (claims 527466 and 527411) was collared 220 metres to the northwest and along strike from MAH21-01A. A potential PGM interval was not identified in the drill core.

2.0 Property Description, Location and Access

The Mahaffy Property is located in the Porcupine Mining Division, District of Cochrane, Timmins Area, Northern Ontario, Canada, starting approximately 45 km north of Timmins (Figure 1). The project is located in NTS Sheet 42A13 and 42A14 within Mahaffy and Aubin Townships. The approximate centre of the property is located at 48.861º north and -81.533º west (UTM coordinates 460870E, 5412140N Zone 17U NAD83). The Mahaffy Target is comprised of 332 single mining cells, totaling approximately 6,860 hectares (Figure 2).
The mining claims were registered to Noble Mineral Exploration, at the time of work. Noble then optioned the claims to CNC. Table 1 summarizes the mining claim tenure.

Figure 1. Mahaffy Property regional location.

Figure 2. Mahaffy Property claim fabric.

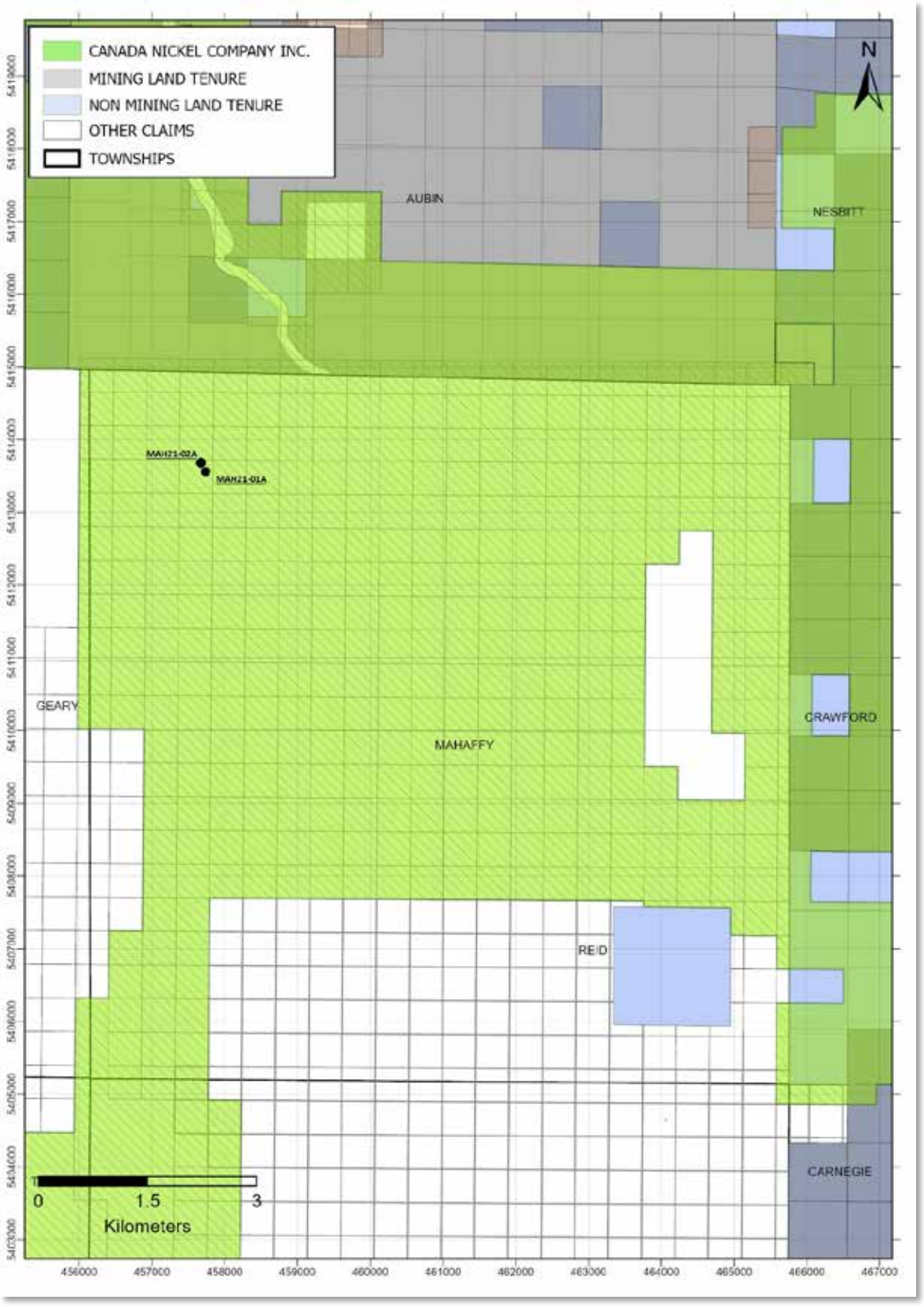


Table 1. Claim details of the Mahaffy Property. Source MLAS.

Claim #	TYPE	ISSUE_DATE	CLAIM_DUE	Claim #	TYPE	ISSUE_DATE	CLAIM_DUE
640798	SCMC	2021-03-05	2023-03-05	**527492**	SCMC	2018-08-17	2022-08-17
640797	SCMC	2021-03-05	2023-03-05	**527493**	SCMC	2018-08-17	2022-08-17
640799	SCMC	2021-03-05	2023-03-05	**527494**	SCMC	2018-08-17	2022-08-17
640800	SCMC	2021-03-05	2023-03-05	**527495**	SCMC	2018-08-17	2022-08-17
640801	SCMC	2021-03-05	2023-03-05	**527496**	SCMC	2018-08-17	2022-08-17
640802	SCMC	2021-03-05	2023-03-05	**527497**	SCMC	2018-08-17	2022-08-17
535130	SCMC	2018-11-17	2022-11-17	**527498**	SCMC	2018-08-17	2022-08-17
535136	SCMC	2018-11-17	2022-11-17	**527499**	SCMC	2018-08-17	2022-08-17
535137	SCMC	2018-11-17	2022-11-17	**527500**	SCMC	2018-08-17	2022-08-17
535131	SCMC	2018-11-17	2022-11-17	**527503**	SCMC	2018-08-17	2022-08-17
535132	SCMC	2018-11-17	2022-11-17	**527504**	SCMC	2018-08-17	2022-08-17
535133	SCMC	2018-11-17	2022-11-17	**527505**	SCMC	2018-08-17	2022-08-17
535138	SCMC	2018-11-17	2022-11-17	**527506**	SCMC	2018-08-17	2022-08-17
535139	SCMC	2018-11-17	2022-11-17	**527507**	SCMC	2018-08-17	2022-08-17
535140	SCMC	2018-11-17	2022-11-17	**527508**	SCMC	2018-08-17	2022-08-17
535141	SCMC	2018-11-17	2022-11-17	**527509**	SCMC	2018-08-17	2022-08-17
535142	SCMC	2018-11-17	2022-11-17	**527510**	SCMC	2018-08-17	2022-08-17
535144	SCMC	2018-11-17	2022-11-17	**527511**	SCMC	2018-08-17	2022-08-17
535145	SCMC	2018-11-17	2022-11-17	**527512**	SCMC	2018-08-17	2022-08-17
535146	SCMC	2018-11-17	2022-11-17	**527514**	SCMC	2018-08-17	2022-08-17
535147	SCMC	2018-11-17	2022-11-17	**527515**	SCMC	2018-08-17	2022-08-17
535148	SCMC	2018-11-17	2022-11-17	**527516**	SCMC	2018-08-17	2022-08-17
535149	SCMC	2018-11-17	2022-11-17	**527517**	SCMC	2018-08-17	2022-08-17
535152	SCMC	2018-11-17	2022-11-17	**527518**	SCMC	2018-08-17	2022-08-17
535153	SCMC	2018-11-17	2022-11-17	**527519**	SCMC	2018-08-17	2022-08-17
535154	SCMC	2018-11-17	2022-11-17	**527520**	SCMC	2018-08-17	2022-08-17
535155	SCMC	2018-11-17	2022-11-17	**527521**	SCMC	2018-08-17	2022-08-17
506740	SCMC	2018-04-10	2022-04-10	**527526**	SCMC	2018-08-17	2022-08-17
604508	MCMC	2020-08-04	2022-08-04	**527527**	SCMC	2018-08-17	2022-08-17
527436	SCMC	2018-08-17	2022-08-17	**527528**	SCMC	2018-08-17	2022-08-17
527437	SCMC	2018-08-17	2022-08-17	**527529**	SCMC	2018-08-17	2022-08-17
527438	SCMC	2018-08-17	2022-08-17	**527530**	SCMC	2018-08-17	2022-08-17
527439	SCMC	2018-08-17	2022-08-17	**527531**	SCMC	2018-08-17	2022-08-17
527440	SCMC	2018-08-17	2022-08-17	**527532**	SCMC	2018-08-17	2022-08-17
527459	SCMC	2018-08-17	2022-08-17	**527533**	SCMC	2018-08-17	2022-08-17
527460	SCMC	2018-08-17	2022-08-17	**527534**	SCMC	2018-08-17	2022-08-17
527461	SCMC	2018-08-17	2022-08-17	**527535**	SCMC	2018-08-17	2022-08-17
527462	SCMC	2018-08-17	2022-08-17	**527536**	SCMC	2018-08-17	2022-08-17
527463	SCMC	2018-08-17	2022-08-17	**527537**	SCMC	2018-08-17	2022-08-17
527464	SCMC	2018-08-17	2022-08-17	**527538**	SCMC	2018-08-17	2022-08-17
527465	SCMC	2018-08-17	2022-08-17	**527539**	SCMC	2018-08-17	2022-08-17

527466	SCMC	2018-08-17	2022-08-17		**527540**	SCMC	2018-08-17	2022-08-17
527467	SCMC	2018-08-17	2022-08-17		**527541**	SCMC	2018-08-17	2022-08-17
527468	SCMC	2018-08-17	2022-08-17		**527542**	SCMC	2018-08-17	2022-08-17
527469	SCMC	2018-08-17	2022-08-17		**527543**	SCMC	2018-08-17	2022-08-17
527471	SCMC	2018-08-17	2022-08-17		**527544**	SCMC	2018-08-17	2022-08-17
527472	SCMC	2018-08-17	2022-08-17		**527545**	SCMC	2018-08-17	2022-08-17
527473	SCMC	2018-08-17	2022-08-17		**527546**	SCMC	2018-08-17	2022-08-17
527474	SCMC	2018-08-17	2022-08-17		**527547**	SCMC	2018-08-17	2022-08-17
527475	SCMC	2018-08-17	2022-08-17		**527548**	SCMC	2018-08-17	2022-08-17
527476	SCMC	2018-08-17	2022-08-17		**527549**	SCMC	2018-08-17	2022-08-17
527477	SCMC	2018-08-17	2022-08-17		**527550**	SCMC	2018-08-17	2022-08-17
527478	SCMC	2018-08-17	2022-08-17		**527551**	SCMC	2018-08-17	2022-08-17
527479	SCMC	2018-08-17	2022-08-17		**527552**	SCMC	2018-08-17	2022-08-17
527480	SCMC	2018-08-17	2022-08-17		**527553**	SCMC	2018-08-17	2022-08-17
527481	SCMC	2018-08-17	2022-08-17		**527554**	SCMC	2018-08-17	2022-08-17
527482	SCMC	2018-08-17	2022-08-17		**527555**	SCMC	2018-08-17	2022-08-17
527483	SCMC	2018-08-17	2022-08-17		**527556**	SCMC	2018-08-17	2022-08-17
527484	SCMC	2018-08-17	2022-08-17		**527557**	SCMC	2018-08-17	2022-08-17
527485	SCMC	2018-08-17	2022-08-17		**527558**	SCMC	2018-08-17	2022-08-17
527486	SCMC	2018-08-17	2022-08-17		**527559**	SCMC	2018-08-17	2022-08-17
527487	SCMC	2018-08-17	2022-08-17		**527560**	SCMC	2018-08-17	2022-08-17
527488	SCMC	2018-08-17	2022-08-17		**527561**	SCMC	2018-08-17	2022-08-17
527489	SCMC	2018-08-17	2022-08-17		**527562**	SCMC	2018-08-17	2022-08-17
527490	SCMC	2018-08-17	2022-08-17		**527563**	SCMC	2018-08-17	2022-08-17
527491	SCMC	2018-08-17	2022-08-17		**527564**	SCMC	2018-08-17	2022-08-17
527390	SCMC	2018-08-17	2022-08-17		**527565**	SCMC	2018-08-17	2022-08-17
527391	SCMC	2018-08-17	2022-08-17		**527566**	SCMC	2018-08-17	2022-08-17
527392	SCMC	2018-08-17	2022-08-17		**527567**	SCMC	2018-08-17	2022-08-17
527393	SCMC	2018-08-17	2022-08-17		**527568**	SCMC	2018-08-17	2022-08-17
527394	SCMC	2018-08-17	2022-08-17		**527569**	SCMC	2018-08-17	2022-08-17
527395	SCMC	2018-08-17	2022-08-17		**527570**	SCMC	2018-08-17	2022-08-17
527396	SCMC	2018-08-17	2022-08-17		**527571**	SCMC	2018-08-17	2022-08-17
527397	SCMC	2018-08-17	2022-08-17		**527572**	SCMC	2018-08-17	2022-08-17
527398	SCMC	2018-08-17	2022-08-17		**527573**	SCMC	2018-08-17	2022-08-17
527399	SCMC	2018-08-17	2022-08-17		**527574**	SCMC	2018-08-17	2022-08-17
527400	SCMC	2018-08-17	2022-08-17		**527575**	SCMC	2018-08-17	2022-08-17
527401	SCMC	2018-08-17	2022-08-17		**527576**	SCMC	2018-08-17	2022-08-17
527402	SCMC	2018-08-17	2022-08-17		**527577**	SCMC	2018-08-17	2022-08-17
527403	SCMC	2018-08-17	2022-08-17		**527578**	SCMC	2018-08-17	2022-08-17
527404	SCMC	2018-08-17	2022-08-17		**527579**	SCMC	2018-08-17	2022-08-17
527405	SCMC	2018-08-17	2022-08-17		**527580**	SCMC	2018-08-17	2022-08-17
527406	SCMC	2018-08-17	2022-08-17		**640810**	SCMC	2021-03-05	2023-03-05
527407	SCMC	2018-08-17	2022-08-17		**640811**	SCMC	2021-03-05	2023-03-05
527408	SCMC	2018-08-17	2022-08-17		**640812**	SCMC	2021-03-05	2023-03-05

527409	SCMC	2018-08-17	2022-08-17		**640813**	SCMC	2021-03-05	2023-03-05
527410	SCMC	2018-08-17	2022-08-17		**640814**	SCMC	2021-03-05	2023-03-05
527411	SCMC	2018-08-17	2022-08-17		**640815**	SCMC	2021-03-05	2023-03-05
527412	SCMC	2018-08-17	2022-08-17		**640816**	SCMC	2021-03-05	2023-03-05
527413	SCMC	2018-08-17	2022-08-17		**640817**	SCMC	2021-03-05	2023-03-05
527414	SCMC	2018-08-17	2022-08-17		**640818**	SCMC	2021-03-05	2023-03-05
527415	SCMC	2018-08-17	2022-08-17		**640819**	SCMC	2021-03-05	2023-03-05
527416	SCMC	2018-08-17	2022-08-17		**640820**	SCMC	2021-03-05	2023-03-05
527417	SCMC	2018-08-17	2022-08-17		**640821**	SCMC	2021-03-05	2023-03-05
527418	SCMC	2018-08-17	2022-08-17		**640822**	SCMC	2021-03-05	2023-03-05
527419	SCMC	2018-08-17	2022-08-17		**640823**	SCMC	2021-03-05	2023-03-05
527420	SCMC	2018-08-17	2022-08-17		**640824**	SCMC	2021-03-05	2023-03-05
527421	SCMC	2018-08-17	2022-08-17		**640825**	SCMC	2021-03-05	2023-03-05
527422	SCMC	2018-08-17	2022-08-17		**640826**	SCMC	2021-03-05	2023-03-05
527423	SCMC	2018-08-17	2022-08-17		**640827**	SCMC	2021-03-05	2023-03-05
527424	SCMC	2018-08-17	2022-08-17		**640828**	SCMC	2021-03-05	2023-03-05
527425	SCMC	2018-08-17	2022-08-17		**640829**	SCMC	2021-03-05	2023-03-05
527426	SCMC	2018-08-17	2022-08-17		**640830**	SCMC	2021-03-05	2023-03-05
527427	SCMC	2018-08-17	2022-08-17		**640831**	SCMC	2021-03-05	2023-03-05
527428	SCMC	2018-08-17	2022-08-17		**640832**	SCMC	2021-03-05	2023-03-05
527429	SCMC	2018-08-17	2022-08-17		**640833**	SCMC	2021-03-05	2023-03-05
527430	SCMC	2018-08-17	2022-08-17		**640834**	SCMC	2021-03-05	2023-03-05
527431	SCMC	2018-08-17	2022-08-17		**640835**	SCMC	2021-03-05	2023-03-05
527432	SCMC	2018-08-17	2022-08-17		**640836**	SCMC	2021-03-05	2023-03-05
527433	SCMC	2018-08-17	2022-08-17		**640837**	SCMC	2021-03-05	2023-03-05
527434	SCMC	2018-08-17	2022-08-17		**640838**	SCMC	2021-03-05	2023-03-05
527435	SCMC	2018-08-17	2022-08-17		**640839**	SCMC	2021-03-05	2023-03-05
527441	SCMC	2018-08-17	2022-08-17		**640840**	SCMC	2021-03-05	2023-03-05
527442	SCMC	2018-08-17	2022-08-17		**640841**	SCMC	2021-03-05	2023-03-05
527444	SCMC	2018-08-17	2022-08-17		**640842**	SCMC	2021-03-05	2023-03-05
527445	SCMC	2018-08-17	2022-08-17		**640843**	SCMC	2021-03-05	2023-03-05
527446	SCMC	2018-08-17	2022-08-17		**640844**	SCMC	2021-03-05	2023-03-05
527447	SCMC	2018-08-17	2022-08-17		**640845**	SCMC	2021-03-05	2023-03-05
527448	SCMC	2018-08-17	2022-08-17		**640846**	SCMC	2021-03-05	2023-03-05
527449	SCMC	2018-08-17	2022-08-17		**640847**	SCMC	2021-03-05	2023-03-05
527450	SCMC	2018-08-17	2022-08-17		**640848**	SCMC	2021-03-05	2023-03-05
527451	SCMC	2018-08-17	2022-08-17		**640849**	SCMC	2021-03-05	2023-03-05
527452	SCMC	2018-08-17	2022-08-17		**640850**	SCMC	2021-03-05	2023-03-05
527453	SCMC	2018-08-17	2022-08-17		**640851**	SCMC	2021-03-05	2023-03-05
527454	SCMC	2018-08-17	2022-08-17		**640852**	SCMC	2021-03-05	2023-03-05
527455	SCMC	2018-08-17	2022-08-17		**640853**	SCMC	2021-03-05	2023-03-05
527456	SCMC	2018-08-17	2022-08-17		**640854**	SCMC	2021-03-05	2023-03-05
527458	SCMC	2018-08-17	2022-08-17		**640855**	SCMC	2021-03-05	2023-03-05
527581	SCMC	2018-08-17	2022-08-17		**640856**	SCMC	2021-03-05	2023-03-05

527582	SCMC	2018-08-17	2022-08-17		**640857**	SCMC	2021-03-05	2023-03-05
527583	SCMC	2018-08-17	2022-08-17		**640858**	SCMC	2021-03-05	2023-03-05
527584	SCMC	2018-08-17	2022-08-17		**640859**	SCMC	2021-03-05	2023-03-05
527585	SCMC	2018-08-17	2022-08-17		**640860**	SCMC	2021-03-05	2023-03-05
527586	SCMC	2018-08-17	2022-08-17		**640861**	SCMC	2021-03-05	2023-03-05
527587	SCMC	2018-08-17	2022-08-17		**640862**	SCMC	2021-03-05	2023-03-05
527588	SCMC	2018-08-17	2022-08-17		**640863**	SCMC	2021-03-05	2023-03-05
527589	SCMC	2018-08-17	2022-08-17		**640773**	SCMC	2021-03-05	2023-03-05
527590	SCMC	2018-08-17	2022-08-17		**640774**	SCMC	2021-03-05	2023-03-05
527591	SCMC	2018-08-17	2022-08-17		**640775**	SCMC	2021-03-05	2023-03-05
527592	SCMC	2018-08-17	2022-08-17		**640776**	SCMC	2021-03-05	2023-03-05
527593	SCMC	2018-08-17	2022-08-17		**640777**	SCMC	2021-03-05	2023-03-05
527594	SCMC	2018-08-17	2022-08-17		**640778**	SCMC	2021-03-05	2023-03-05
527595	SCMC	2018-08-17	2022-08-17		**640779**	SCMC	2021-03-05	2023-03-05
527596	SCMC	2018-08-17	2022-08-17		**640780**	SCMC	2021-03-05	2023-03-05
527597	SCMC	2018-08-17	2022-08-17		**640781**	SCMC	2021-03-05	2023-03-05
527598	SCMC	2018-08-17	2022-08-17		**640782**	SCMC	2021-03-05	2023-03-05
527599	SCMC	2018-08-17	2022-08-17		**640783**	SCMC	2021-03-05	2023-03-05
527600	SCMC	2018-08-17	2022-08-17		**640784**	SCMC	2021-03-05	2023-03-05
527601	SCMC	2018-08-17	2022-08-17		**640785**	SCMC	2021-03-05	2023-03-05
527602	SCMC	2018-08-17	2022-08-17		**640786**	SCMC	2021-03-05	2023-03-05
527603	SCMC	2018-08-17	2022-08-17		**640787**	SCMC	2021-03-05	2023-03-05
527604	SCMC	2018-08-17	2022-08-17		**640788**	SCMC	2021-03-05	2023-03-05
527605	SCMC	2018-08-17	2022-08-17		**640789**	SCMC	2021-03-05	2023-03-05
527606	SCMC	2018-08-17	2022-08-17		**640790**	SCMC	2021-03-05	2023-03-05
527607	SCMC	2018-08-17	2022-08-17		**640791**	SCMC	2021-03-05	2023-03-05
527608	SCMC	2018-08-17	2022-08-17		**640792**	SCMC	2021-03-05	2023-03-05
527609	SCMC	2018-08-17	2022-08-17		**640793**	SCMC	2021-03-05	2023-03-05
527610	SCMC	2018-08-17	2022-08-17		**640794**	SCMC	2021-03-05	2023-03-05
527611	SCMC	2018-08-17	2022-08-17		**640795**	SCMC	2021-03-05	2023-03-05
527612	SCMC	2018-08-17	2022-08-17		**640796**	SCMC	2021-03-05	2023-03-05
527613	SCMC	2018-08-17	2022-08-17		**640803**	SCMC	2021-03-05	2023-03-05
527614	SCMC	2018-08-17	2022-08-17		**640804**	SCMC	2021-03-05	2023-03-05
527615	SCMC	2018-08-17	2022-08-17		**640805**	SCMC	2021-03-05	2023-03-05
527616	SCMC	2018-08-17	2022-08-17		**640806**	SCMC	2021-03-05	2023-03-05
527617	SCMC	2018-08-17	2022-08-17		**640807**	SCMC	2021-03-05	2023-03-05
640809	SCMC	2021-03-05	2023-03-05		**640808**	SCMC	2021-03-05	2023-03-05

The western portion of the Property is accessed from Timmins by travelling approximately 46 km north on the Kamiskotia Road. A series of old logging roads can then be utilized. The northeastern portion of the Property can be access using the Lower Sturgeon Falls hydroelectric generating station road. At km 5 an old logging road can be utilized to access this portion of the Property (Figure 3). The 2021 drilling program however was helicopter-supported.

Figure 3. Access to the Mahaffy Property. Source Google.

3.0 Climate, Physiography, Infrastructure

3.1 Climate

In the Timmins area, the long winters see average temperatures below 0 ˚C from November to April, with the lowest temperatures in January at an average of -23 ˚C. The summers are short and relatively hot with above 20 ˚C temperature highs from June to August; July is the hottest month with an average temperature high of 24 ˚C.

The area receives approximately 834.6 mm of precipitation annually, with 558.3 mm as rain and 311.3 mm as snow. September is the wettest month, receiving an average 83.7 mm of rain; February is the month with the least precipitation, only receiving on average 1.7 mm of rain and 45.9 mm of snow (Environment Canada, Victor Power Airport).

The property lies within the Subarctic Climate zone, with short summers and long, cold winters. Snow squalls occur from October to June, and the frost-free period hardly exceeds 90 days. Fieldwork is occasionally not permitted due to forest fire danger and the MNR may prevent access to certain areas during such times. The area is also part of the Boreal Shield eco-zone

which has relatively low tree growth rates and timber volumes compared with other forested eco-zones in Canada. Tree species in the Boreal Shield eco-zone include white and black spruce, balsam fir, tamarack, trembling aspen, white pine, red pine, jack pine, maple, eastern red cedar, eastern hemlock, paper birch, speckled alder, pin cherry, mountain ash, among other plants. Mammals include moose, black bear, wolf, chipmunk, beaver, muskrat, snowshoe hare, red squirrel, mice, marten, short-tailed weasel, fisher, mink, river otter, coyote, and red fox. Garter snakes and frogs are also present. Aquatic birds are seen on lakes during the ice-free season, and fish can be abundant in some lakes and the larger perennial streams.

3.2 Physiography

The Property resides within the Mattagami Drainage Basin. The landscape consists of forest cover with thick fine-grained glaciolacustrine deposits and boulder and gravel till; geological mapping indicating that outcrop composes less than 1% of the property. The thick overburden cover subdues the local landscape, with the terrain characterized by broad, poorly drained swampy tracts, spring-runoff stream beds and swales, beaver ponds, and small lakes. The area is mostly at low relief with some lithologically controlled topographic highs. Local glacial landforms also form some higher reliefs. Elevations range from 260 to 340m above sea level.

3.3 Infrastructure

Northeastern Ontario, especially the Timmins area, has a long exploration and mining history focused on VMS and gold deposits that dates back to the turn of the 20th century. A complete range of mining and exploration services and suppliers are available in Timmins, including exploration supplies, diamond drilling companies, machine shops, mining equipment, motels, restaurants, and a large base of skilled personnel. The well-serviced Victor M. Power airport is located 10 km north of Timmins, with flights to Toronto and several small communities.

4.0 Exploration History

The discovery of gold in the Abitibi Greenstone Belt near Timmins in 1908 founded the Porcupine Mining District and spurred decades of mineral exploration in the region. Exploration proved to be more difficult in the townships to the north of Timmins due to a significant lack of outcrop. The advent of airborne geophysics in the mid-20th century enabled exploration campaigns in thick overburden covered areas of the Abitibi Belt. In the early 1960s, several companies including INCO Ltd. (CANICO) flew proprietary airborne magnetic and electromagnetic (EM) surveys. Texas Gulf discovered the Kidd Creek mine in the early 1960s, stimulating exploration activity in the area north of Timmins.

The earliest recorded exploration on the Aubin-Mahaffy Property dates back to 1964 which would coincide with the discovery of the Kidd Creek VMS deposit in 1962 by Texas Gulf. Below is a brief summary of exploration:

1964: Sunburst Exploration Ltd. completed a ground magnetic and electromagnetic survey on a portion of the Property (AFRI 42A13SE1076).

1964: D'Eldona Gold Mines Ltd. completed a ground magnetic and electromagnetic survey on a portion of the Property (AFRI 42A13SE0077).

1965: Base Metals Mining Corp. completed 3 diamond drill holes hole within the confines of the Property totaling 2,078 feet (633.3m). No assays are recorded in the hand-written drill logs (AFRI 42A14SW0070).

1963-1966: INCO drilled six diamond drill holes within the confines of the Property totaling 5,684 feet (1,732.4m). No sampling or assays are indicated in the drill logs in AFRI 42A13SE0351. In drill hole 31901, nickel values elevated throughout peridotite and 3 samples returned 0.35 % Ni at 190 ft, 345 ft and 650 ft downhole. In hole 31903, continuous sampling over 10-foot intervals throughout hole returned from 0.16% to 0.36% nickel. In hole 27051A, 0.12% to 0.28% Ni from 1072 to 1272.5ft (continuous sampling, 15-foot intervals) in serpentinized peridotite and talc chlorite schist mineralized with pyrite, pyrrhotite and possibly pentlandite. At 711.7ft, 0.27% Cu over 0.9ft in meta-dacite. In hole 27074, 0.10-0.21% Ni from 329-515.5ft downhole within serpentinized peridotite mineralized with pyrrhotite. Assays of 0.14-0.26% Ni from 535-609ft downhole within serpentinized peridotite mineralized with pyrrhotite and 0.14 - 0.29% Ni from 673-765ft downhole within serpentinized ultramafic with pyrite and pyrrhotite (AFRI 42A14SE0106 and 42A13NE0006)

1966: Cincinnati-Porcupine Mines Ltd. completed an airborne magnetic survey over a portion of the Property (AFRI 42A13NE005).

1966: Keevil Mining Group Ltd. completed a ground magnetometer survey over a portion of the Property (AFRI 42A13SE0400).

1973: Asarco Exploration Company of Canada Ltd. completed an extra low frequency (ELF) electromagnetic survey over select airborne EM anomalies from an earlier survey. Drilling was recommended (AFRI 42A13SE1073).

1973: Teck Mining Group Ltd. completed an airborne Dighem survey over a portion of the Property. Their conclusions were "A number of EM anomalies were obtained of the first (or lowest) conductance grade. Several of these latter are likely to be surface effects, as indicated by the interpretation on the EM map. Several definite bedrock conductors were located having conductance grades of 3 to 5 (AFRI 42A14SW0065).

1974: Asarco Exploration Ltd. drilled one reverse circulation (RC) hole within the confines of the Property to total depth of 1,054 feet (321.2m) targeting their ELF anomaly. Geochemically, anomalous results were obtained (AFRI 42A13SE1065).

1979: Mattagami Lake Exploration Ltd., completed a ground induced polarization (IP) over a portion of the Property. Six strong IP anomalies were outlined with two appearing to be directly related to ultramafic intrusive rocks (AFRI 42A13SE0378).

1980: Mattagami Lake Explorations Ltd. drilled two diamond drill holes within the confines of the Property totaling 1,734 feet (528.5m). No sampling or assays are indicated in the drill logs (AFRI 42A13SE0351).

1981: Hudbay drilled one diamond drill hole within the confines of the Property totaling 115.9m targeting a ground electromagnetic anomaly. Interbedded graphitic volcanics were intersected explaining the anomaly (AFRI 42A13SE0051).

1983: Chevron Minerals Ltd. completed an airborne total field magnetic survey of over a portion of the Property (AFRI 42A13NE0001).

1992: Placer Dome Inc. completed a ground magnetic and electromagnetic (Maxmin II) survey over a portion of the Property. Their conclusions were "It is suggested to drill test the four major formational electromagnetic conductors to establish their nature and evaluate their geologic potential for mineralization. A more detail analysis of the structural features of the property with other geoscientific information could also be done to select additional nonconductive drilling targets" (AFRI 42A14SW8633).

2004: INCO performed a ground magnetometer and horizontal loop electromagnetic survey over a portion of the Property. This target was selected based on the MegaTEM response released in 2002 by the OGS. A moderate to strong conductor was outlined by the survey (AFRI 42A14NW2003).

2005: INCO drilled one diamond drill hole within the confines of the Property which totaled 189m. A metasedimentary unit contained graphitic horizons explaining the ground HLEM anomaly (AFRI 20001860).

2011: Noble Mineral Exploration acquired the P81 Property from Abitibi Bowater Canada Inc. Noble performed regional helicopter airborne EM and magnetic surveys over various portions of the Property in (AFRI 2_53773_10).

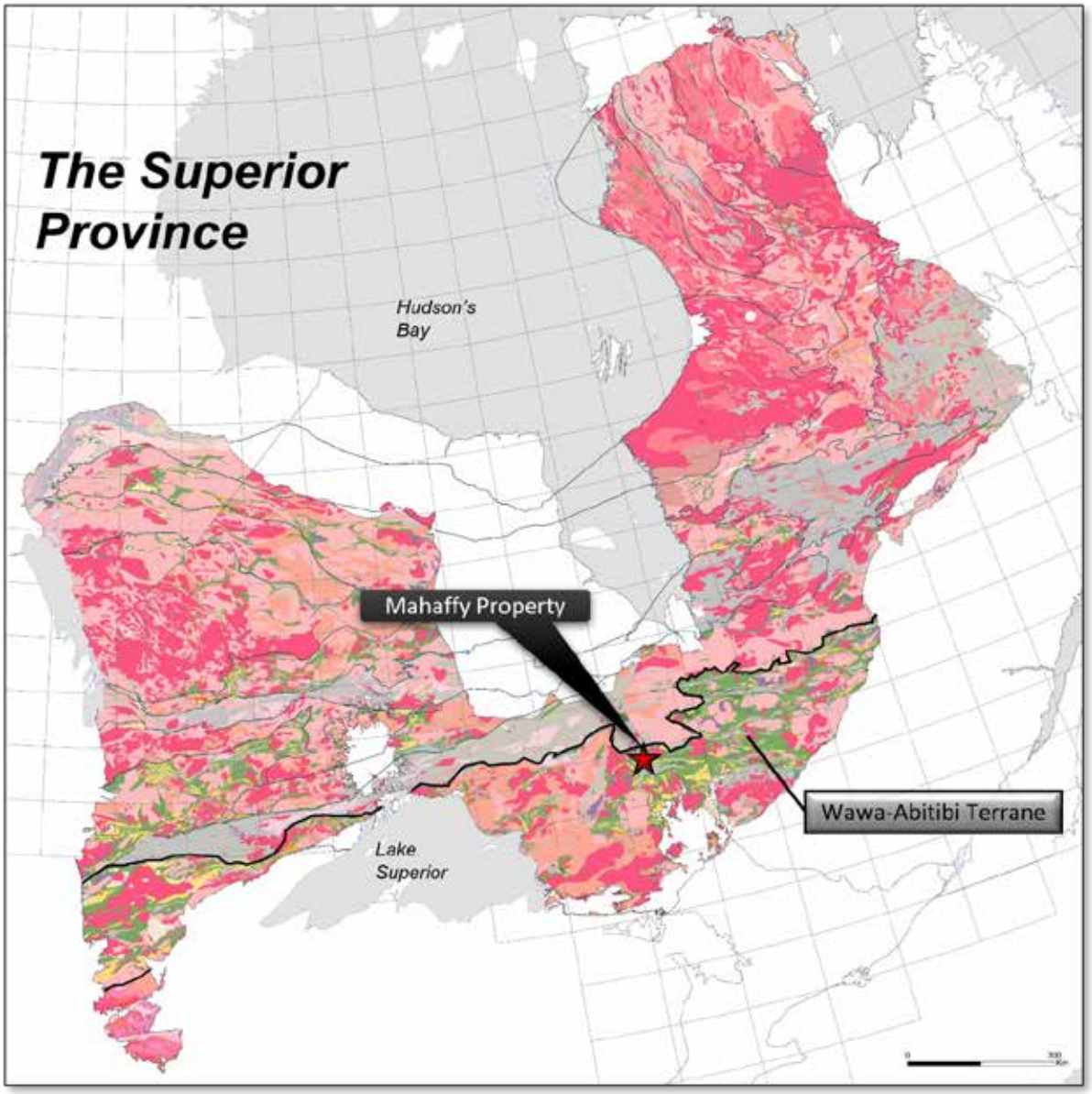
2018: Noble Mineral Exploration helicopter airborne TDEM and magnetic over the Property in (AFRI 2000018184).

5.0 Geological Setting

5.1 Regional Geology

The Mahaffy Property is located in the Abitibi Subprovince of the Wawa-Abitibi Terrane within the Superior Province of Canada which spans the provinces of Manitoba, Ontario and Quebec (Figure 4). The Superior Province is the earth's largest Archean craton that accounts for roughly a quarter of the planet's exposed Archean crust and consists of linear, fault bounded Subprovinces that are characterized by volcanic, sedimentary and plutonic rocks (William et al., 1991).

Figure 4. Regional geological location of the Mahaffy Property.



The Mahaffy Property is adjacent to Canada Nickel's Crawford Nickel Sulphide Project. The following descriptions in Section 5.1, 5.1.1, 5.1.2 and 5.2 is taken from the Crawford Nickel Sulphide Project, NI 43-101 Technical Report and Preliminary Economic Assessment Ontario, Canada with an effective date of May 21, 2021, and prepared by Ausenco Engineering Canada Inc.

The supracrustal rocks of the Abitibi Subprovince or more commonly known as the Abitibi greenstone belt (AGB) are uniquely well preserved and have mostly been overprinted only at a low metamorphic grade (Monecke et al., 2017). The economic importance of the AGB is of incredible importance as it contains some of the most important gold and base metal mining camps in Canada, as well as a long history of punctuated production from ultramafic extrusive komatiite-hosted Ni-Cu-(PGE) sulphide deposits.

More than an estimated 50% of the supracrustal rocks of the AGB, including those on the property, are under tens of meters of clay-dominated cover (referred to as the "Abitibi Clay Belt" or "Great Clay Belt" and formed from the lakebed sediments of Glacial Lake Ojibway), making mineral exploration challenging and expensive and hampering the discovery rate of new metal mines. At the same time this also creates an opportunity for discovery.

The Abitibi greenstone belt has been subdivided into nine lithotectonic assemblages or volcanic episodes (Ayer et al., 2002a, 2002b and 2005) (Figure 5); however, the relationships between these assemblages are for the most part ambiguous. Allochthonous greenstone belt models, with each terrane having been formed in a different tectonic environment, predict them to be a collage of unrelated fragments. Autochthonous greenstone belt models allow for the prediction of syngenetic mineral deposits hosted by specific stratigraphic intervals and formed within a structurally deformed singular terrane.

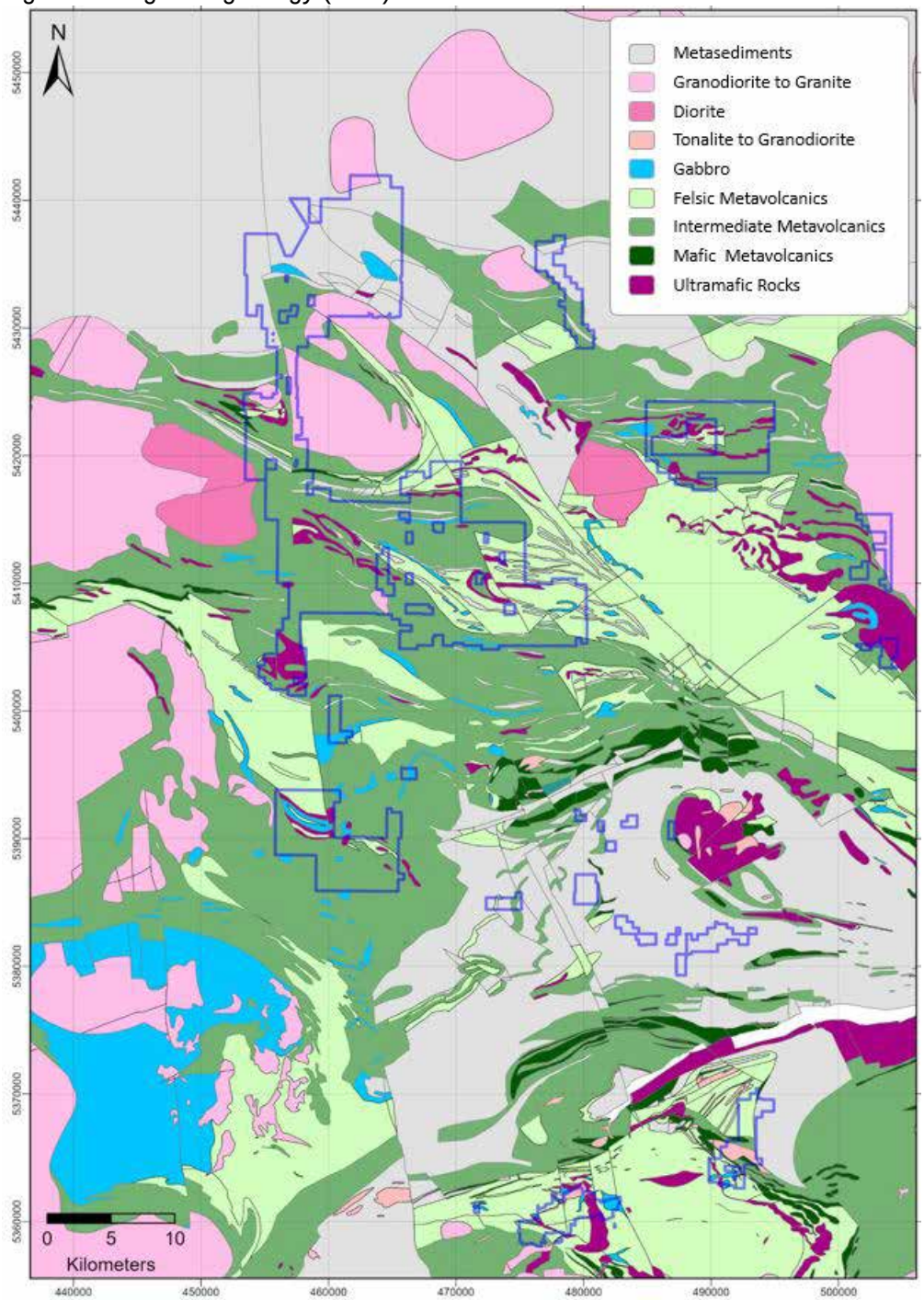
Proterozoic dikes of the Matachewan Dyke Swarm and the Abitibi Dyke Swarm intrude all of the rock in the region. Matachewan dikes generally trend north-northwest while the younger Abitibi Dyke Swarm trends northeast.

5.1.1 Komatiitic Rocks

Of the nine distinct lithotectonic assemblages defined in the AGB, only four of these are generally accepted to contain extrusive komatiitic rocks (ultramafic mantle-derived rock with ≥18 wt% MgO) and therefore considered prospective for komatiite-associated Ni-Cu-(PGE) sulphide deposits (Arndt et al., 2008). These four assemblages, which differ considerably in the physical volcanology and geochemistry of the komatiitic flows, have distinct and well-defined ages as well as spatial distribution (Sproule et al., 2003; Thurston et al., 2008; Houle and Lesher, 2011):

- Pacaud Assemblage (2750-2735 Ma)
- Stoughton-Roquemaure Assemblage (2723-2720 Ma)
- Kidd-Munro Assemblage (2719-2711 Ma)
- Tisdale Assemblage (2710-2704 Ma)

Figure 5: Regional geology (OGS).



The Kidd-Munro and Tisdale assemblages contain a much greater abundance of cumulate komatiites than the other assemblages. The Kidd-Munro Assemblage is east to southeast-striking and comprises komatiitic flows, magnesium to iron-rich mafic volcanic rocks, thin rhyolite units (FIII-type to calc-alkaline), clastic sedimentary rocks (argillite and greywackes, many graphitic), and chemical sedimentary rocks (limestone, dolomite) occurring as interflow horizons (Figure 6). These units are intruded by mafic to ultramafic bodies and minor felsic dikes (Ayer et al., 2002a and 2002b; Sproule et al., 2005; Ayer et al., 2005).

Almost all komatiite-associated Ni-Cu-(PGE) deposits in the AGB are interpreted to be localized in lava channels/channelized sheet flows (e.g., Alexo, Hart, Langmuir, Marbridge, and Texmont) or channelized sheet sills (e.g., Sothman, Dumont, Kelex-Dundeal-Dundonald South). One exception is the McWatters deposit, which occurs within a thick mesocumulate to adcumulate peridotite that is interpreted to be a synvolcanic dike (Houlé and Lesher, 2011).

5.1.2 Economic Geology

The Timmins Mining camp has a history of nickel production from komatiite-associated Ni-Cu-(PGE) deposits (see Table 2). Several of these deposit types have been identified within the Kidd-Munro Assemblage (e.g., Alexo, Dundonald, Mickel, and Marbridge) and the Tisdale Assemblage (e.g., Hart, Langmuir, Redstone, Texmont, and Sothman).

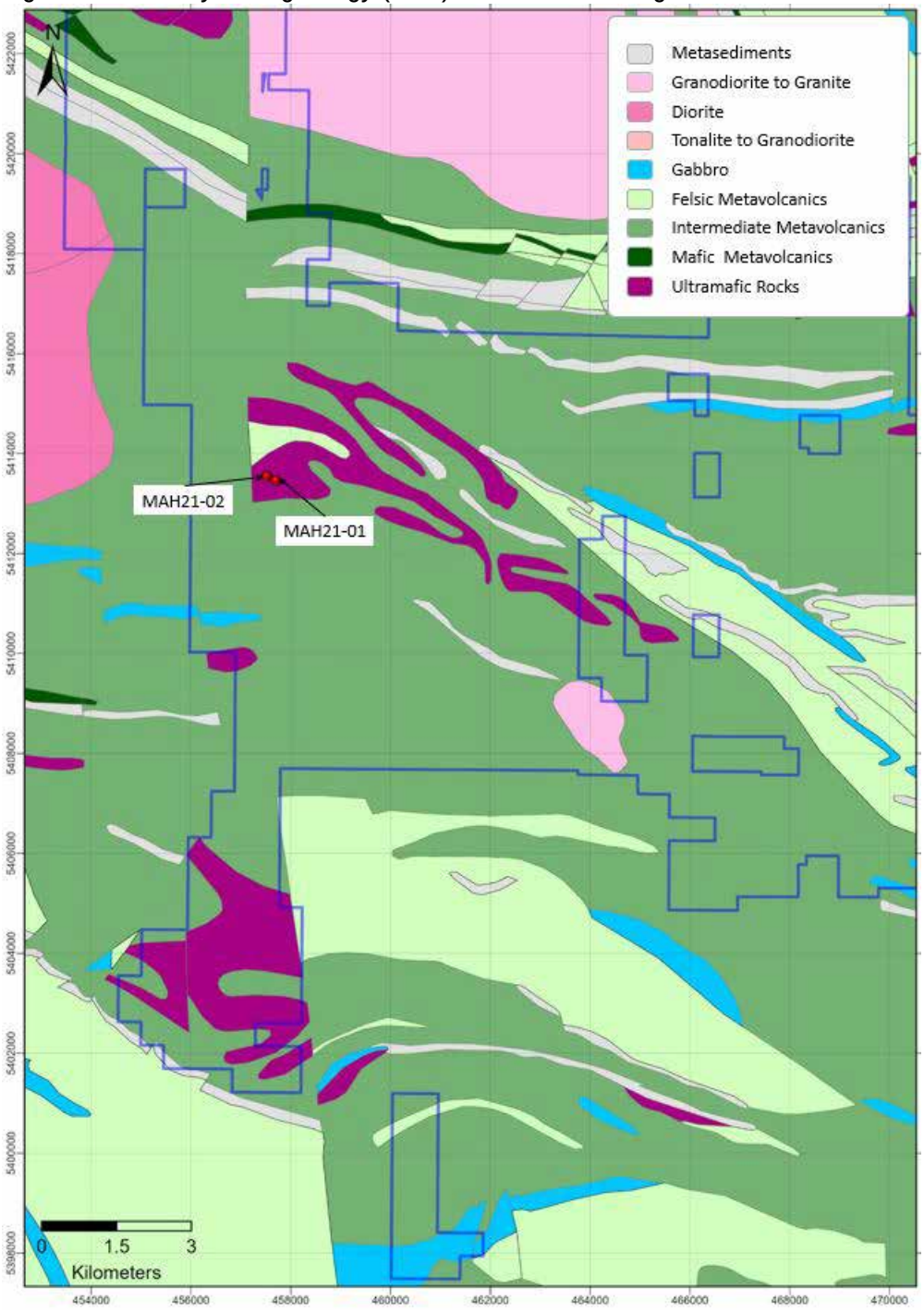
Table 2. Pre-mining geologic resource estimates plus mined ore, komatiite-hosted Ni-Cu-(PGE) mines/deposits, Timmins mining camp. Source Houle et al. 2017.

Name	Status	Township	Notes	Assemblage	Milled (t)	Reported (t)	Ni (%)
Alexo	Past Producer	Dundonald	extrusive	Kidd-Munro	115,000	-	3.18
Kelex	Past Producer	Clergue	intrusive (subvolcanic sill)	Kidd-Munro	279,000	-	0.97
Dundeal	Deposit	Dundonald	intrusive (subvolcanic sill)	Kidd-Munro	-	400,000	2.00
Dundonald	Deposit	Dundonald	intrusive (subvolcanic sill)	Kidd-Munro		141,000	2.73
Langmuir #1	Deposit	Langmuir	extrusive; Shaw Dome	Tisdale	1,834,000	-	0.58
Langmuir #2	Past Producer	Langmuir	extrusive; Shaw Dome	Tisdale	1,369,000	-	1.40
McWatters	Past Producer	Langmuir	intrusive; Shaw Dome	Tisdale	1,688,000	-	0.75
Redstone	Past Producer	Eldorado	extrusive; Shaw Dome	Tisdale	2,043,000	-	1.62
Hart	Deposit	Eldorado	extrusive; Shaw Dome	Tisdale	1.868,000	-	1.38
Texmont	Past Producer	Bartlett Geikie	extrusive	Tisdale	3,369,000	-	0.92

In addition to nickel, the Timmins-Porcupine Gold Camp of Northeastern Ontario represents the largest Archean orogenic greenstone-hosted gold camp in the world in terms of total gold production (e.g., Monecke et al., 2017).
The Kidd Creek Cu-Zn deposit, north of Timmins and about 15 km south of Crawford Township, is the world's largest and highest-grade Archean volcanogenic massive sulphide (VMS) deposit currently in production. Monecke et al. (2017) reported historical past production, reserves and

resources to the 2,990 m level as 170.9 Mt grading 2.25% Cu, 5.88% Zn, 0.22% Pb, and 77 g Ag/t. Discovery hole K55-1 was drilled in 1963 and encountered ore at a depth of 7 m, intersecting 190 m (entire hole) grading 1.21% Cu, 8.5% Zn, 0.8% Pb, and 138 g Ag/t. Today, the orebodies of the deposit are exploited from surface to more than 3 km depth and are open at depth, making Kidd Creek the deepest base metal mine in the world (Monecke et al., 2017).

Figure 6: Mahaffy area geology (OGS) with 2021 drilling.



5.2 Property Geology

The Greenstone Architecture Project (2003-2005) and Discover Abitibi Initiative (2001-2012), led by the Ontario Geological Survey (OGS), resulted in reclassification of the lithological assemblages in the southern WAT (Ontario portion) by using detailed U/Pb geochronology, and updated geological and geophysical compilations (Ayer et al., 2005; Thurston et al., 2008). This work suggests that the rocks underlying the CUC property are part of the Deloro Assemblage (Monecke et al., 2017).

The Mahaffy Property lithologies belong to the Blake River Assemblage (2704 to 2701 Ma) which consists mainly of tholeiitic mafic volcanic rocks with isolated units of tholeiitic felsic volcanic rocks and turbiditic sedimentary rocks (Ayer et al., 2005; Thurston et al., 2008). This assemblage, also referred to as the Blake River Group, is host to several mafic-ultramafic sills in the northern part of Crawford Township. The Blake River Assemblage, the youngest volcanic-dominated package, is one of the most prospective Archean stratigraphic packages for VMS exploration, especially for gold-rich VMS deposits (Ross et al., 2009). The rocks have undergone greenschist facies metamorphism with widespread carbonate, chlorite and sericite alteration in volcanic rocks and serpentinization in ultramafic rocks (i.e., dunite, peridotite).

6.0 Mineralization

There are three (3) documented and registered Ministry Energy Department and Mines (MNDM) Mineral Deposit Inventory (MDI) occurrences within the Mahaffy Property. Details are provided below in Table 3.

Table 3. MNDM registered mineral occurrences and registration year of Mahaffy Property.

MNDM Mineral Deposit Inventory Occurrences				
MDI Indentification Number	**Occurrence Names**	**Easting UTM**	**Northing UTM**	**Primary Commmodity**
MDI000000001024	Hudson Bay Mah-1 - 1981	458052	5411810	Gold
MDI000000000125	Inco Dh 27051a / 27074 - 1966	459191	5415080	Nickel, Copper
MDI000000000126	Inco Dh 31901/ 31903 - 1966	458099	5415548	Nickel
Coordinates in NAD 83, Zone 17 datum.				

Mineralization characteristics has largely been inferred from diamond drill logs, as outcrop exposure is rare. Various geophysical airborne surveys over the 50 years have provided drill targets as overburden can exceed 75m vertically. Mineralization has been described in diamond drill logs as pyrite and pyrrhotite as disseminations and in graphitic schists and as narrow 1mm to 1cm wide semi-massive to massive pyrrhotite seams in well foliated metasediments.

The objective of the CNC 2021 drill program was to intersect disseminated komatiite-hosted Ni-Cu-Co-platinum-group-elements (PGE) mineralization. Drilling by Inco between 1963-1966 encountered disseminated pyrite and pyrrhotite mineralization within serpentinized peridotite and talc chlorite schists.

7.0 2021 Drill Program

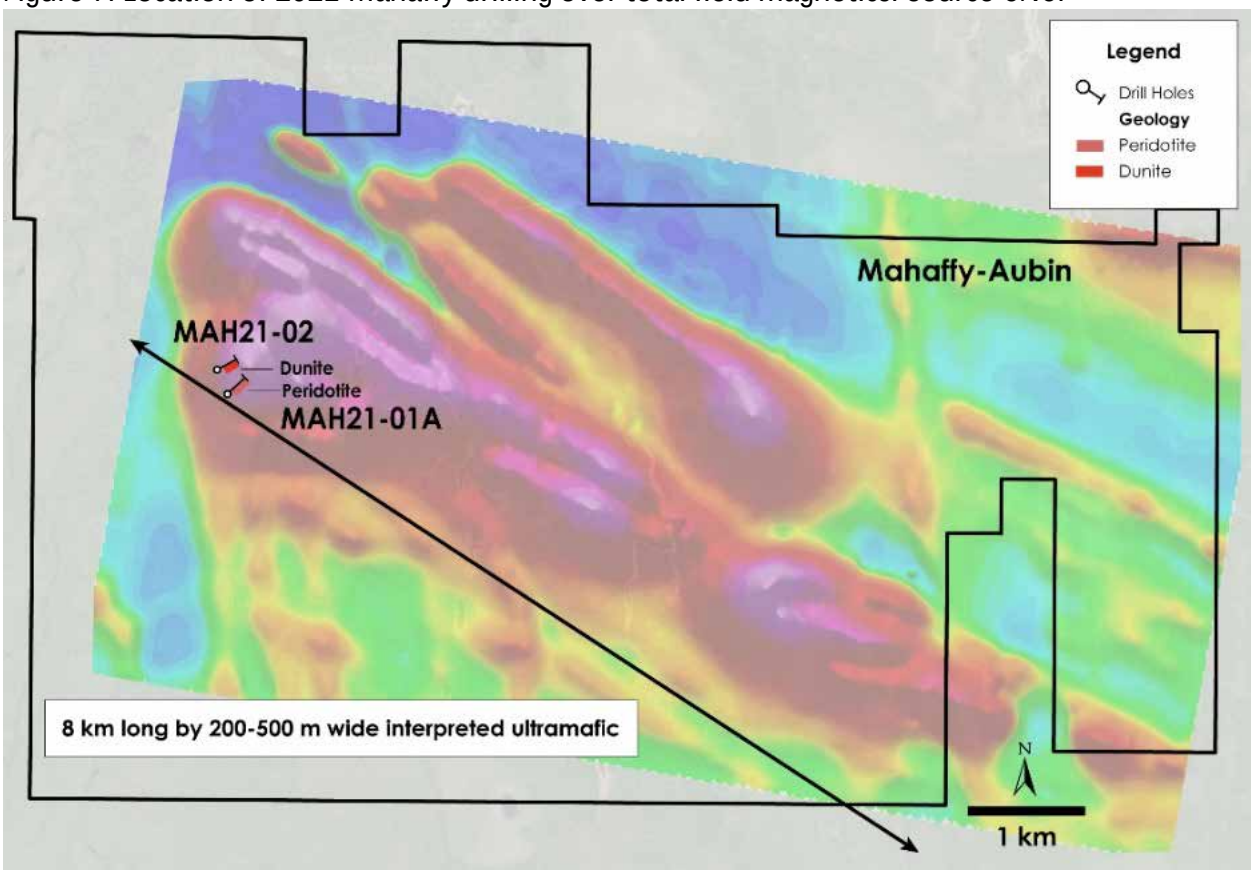
From May 15th to June 11, 2021, CNC contracted NPLH Drilling to complete a 2-hole (and 1 abandoned hole) diamond drill program totaling 1,171m on the Mahaffy Property (Table 4). NPLH Drilling is based out of Timmins, Ontario. Drill core logging and drill management was performed by Canada Nickel's geologists and the project was supervised by Edwin Escarraga P. Geo (ON) – Exploration Manager, and Steve Balch P. Geo (ON) - VP Exploration. All samples collected from the drill core were submitted to Activation Laboratories Ltd (Actlabs), and SGS for analysis. Two drill holes and one abandoned drill were completed on mining claim 527466.

Table 4: CNC 2021 Diamond Drillhole Summary

Drillhole	Azimuth	Dip	Length (m)	Easting	Northing	Elevation	Samples Taken
MAH21-01	45	-50	115	457650	5413477	268	0
MAH21-01A	45	-70	561	457650	5413477	268	351
MAH21-02A	60	-70	495	457562	5413681	270	270

The objective of the drill program was to investigate the nature and significance of previously recorded nickel mineralization in a wide magnetic high within reported serpentinized peridotite and talc chlorite schists. (Figure 7)

Figure 7. Location of 2021 Mahaffy drilling over total field magnetics. Source CNC.



7.1 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 270 core samples were delivered to Activation Laboratories in Timmins, Ontario for analysis, and the remaining 351 were sent 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 (Code RX1). 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 (Na_2O_2) fusion digestion. Actlabs and 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), blanks (silica) and pulp duplicates were inserted into the sampling stream. A total of 96 QAQC samples were inserted which corresponds to 15.4% of all samples submitted. The QAQC samples consisted of 21 standards of OREAS 70b, 8 standards of OREAS 72a, 2 standards of 72b, 32 blanks and 32 pulp duplicates.

Graphic logs can be found in Appendix I. Assay COA's can be found in Appendix II. Exported drill hole logs are on Appendix III. Drill Map on Appendix IV.

8.0 Results

The 2021 drilling yielded some promising Ni assay values, confirming the presence of mineralized ultramafic rocks. A total of 525 core samples were collected over a total of 779.5 m of drill core. The 2 drillholes intersected anomalous Nickel. A summary of the 2021 assay highlights is listed below (Table 5).

Table 5. Assay Highlights

DDH	Ni (%)	From (m)	To (m)	Interval (m)
MAH21-01A	0.22	131.5	561.0	429.5
MAH21-02A	0.21	160.0	495.0	335.0
including	0.29	421.5	463.5	42.0

MAH21-01A
This hole intersected 429.5m of ultramafic (peridotite). Alteration varied throughout the hole mainly with carbonate and talc zones. However, serpentinization increased with depth which in turn resulted in slightly higher amounts oh pentlandite/heazlewoodite mineralization.

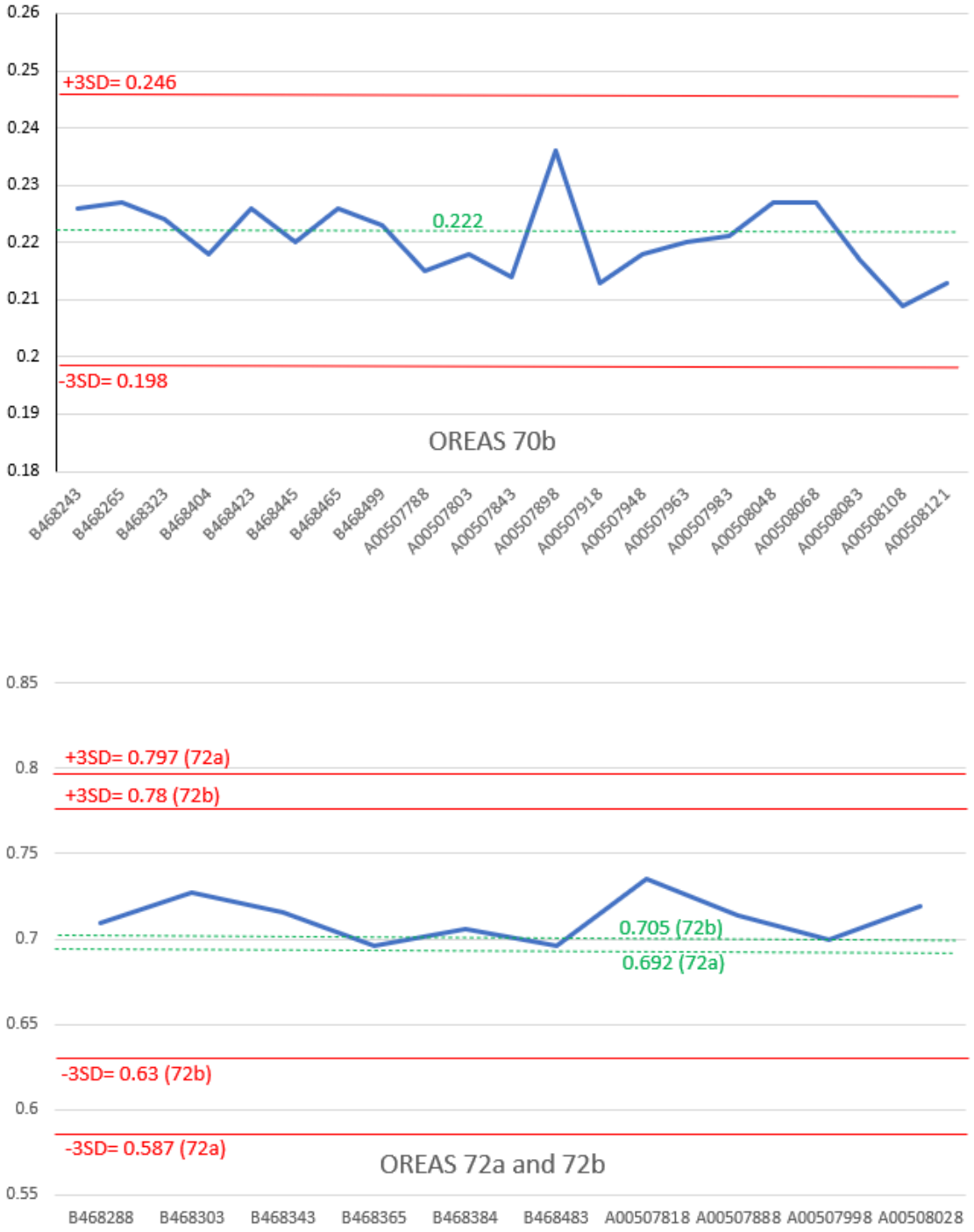
MAH21-02A
This hole intersected 335m of ultramafic (dunite/peridotite). Ni Mineralization varied in this hole with sections predominantly around ~0.25%. However, near the bottom of the hole, higher grade mineralization became “patchy”.

8.1 QA/QC Results

Blanks and pulp duplicate results were satisfactory for the 2021 drill program.
Three different standards (moderate Ni 70b; and high Ni 72a, 72b) were inserted at a rate of 2 every 30 samples. When a standard failed over or below the 2SD, 10 samples above and below the failed standard were resubmitted for reassay.
Although ultimately all standards passed below 3SD, high concentration standards (72a, 72b) showed a slight bias high in comparison to certified values.

Results from Standards taken are shown below (Figure 8):

Figure 8. Standards used in the Mahaffy Project. OREAS 70b above, OREAS 72a and 72b below.



9.0 Recommendations and Conclusions

The 2021 drillhole program succeeded at confirming the presence of ultramafic lithologies (peridotite and dunite) that have the potential in hosting Ni-Cu-PGM mineralization. Although visual observations of the core only showed to be enriched in sulphides and possible PGM values in few areas, the total magnetic field signature of the ultramafic sill on the Mahaffy Property is extensive with a strike length of 8km and width of 200-500m. This provides ample space and geometry to further investigate the ultramafic sill and limited drilling to date has covered little of its aerial coverage.

As overburden cover is extensive, geophysical methods and modern inversion and modeling techniques should be utilized to provide additional drill targets.

10.0 References

Arndt, N.T, Lesher, C.M. and Barnes, S.J. (2008): Komatiites. Cambridge University Press, 469p.

Ayer, J.A., Amelin, Y., Corfu, F., Kamo, S.L., Ketchum, J.W.F., Kwok, K. and Trowell, N.F. (2002a): Evolution of the southern Abitibi greenstone belt based on U-Pb geochronology: autochthonous volcanic construction followed by plutonism, regional deformation and sedimentation; Precambrian Research, v115, pp. 63-95.

Ayer, J.A., Ketchum, J.W.F. and Trowell, N.F. (2002b): New geochronological and neodymium isotopic results from the Abitibi greenstone belt, with emphasis on the timing and the tectonic implications of Neoarchean sedimentation and volcanism; In Summary of Field Work and Other Activities 2002, Ontario Geological Survey, Open File Report 6100, pp. 5-1 to 5-16.

Ayer, J.A., Thurston, P.C., Bateman, R., Dubé, B., Gibson, H.L., Hamilton, M.A., Hathway, B., Hocker, S.M., Houlé, M.G., Hudak, G., Ispolatov, V.O., Lafrance, B., Lesher, C.M., MacDonald, P.J., Péloquin, A.S., Piercey, S.J., Reed, L.E. and Thompson, P.H. (2005): Overview of results from the Greenstone Architecture Project: Discover Abitibi Initiative; Ontario Geological Survey, Open File Report 6154, 175p.

Bateman, R., Ayer, J.A., and Dubé, B. 2008. The Timmins-Porcupine Gold Camp, Ontario: Anatomy of an Archean Greenstone Belt and Ontogeny of Gold Mineralization. Economic Geology 103 (6): 1285-1308.

Houle, M.G., Lesher, C.M., and Prefontaine, S. (2017): Physical Volcanology of Komatiites and Ni-Cu-(PGE) Deposits of the Southern Abitibi Greenstone Belt; In Archean Base and Precious Metal deposits, Southern Abitibi Greenstone Belt, Canada, Reviews in Economic Geology, v19, pp. 103-132.

Houle, M.G. and Lesher, C.M. (2011): Komatiite-Associated Ni-Cu-(PGE) Deposits, Abitibi Greenstone Belt, Superior Province, Canada; Reviews in Economic Geology, v17, pp. 89–121.

Monecke, T., Mercier-Langevin, P., Dube, B., and Frieman, B.M. (2017): Geology of the Abitibi Greenstone Belt (Chapter 1); In Archean Base and Precious Metal deposits, Southern Abitibi Greenstone Belt, Canada, Reviews in Economic Geology, v19, pp. 7-49.

Ross, P.-S., Goutier, J., Legault, M., Grunsky, E., and Dube, B. (2009): New volcanological and geochemical observations from the Blake River Group, Abitibi Greenstone Belt, Ontario and Quebec: Tannahill Township and Lake Labyrinth Area. Geological Survey of Canada, Current Research 2009-8, 26p.

Sproule, R.A., Lesher, C.M., Ayer, J.A. and Thurston, P.C. (2003): Geochemistry and Metallogenesis of Komatiitic Rocks in the Abitibi Greenstone Belt, Ontario. Ontario Geological Survey, Open File Report 6073, 119p.

Sproule, R.A., Lesher, C.M., Houle, M.G., Keays, R.R., Ayer, J.A., and Thurston, P.C. (2005): Chalcophile Element Geochemistry and Metallogenesis of Komatiitic Rocks in the Abitibi Greenstone Belt, Canada. Economic Geology, v100, pp. 1169-1190.

Thurston, P.C., Ayer, J.A., Goutier, J., and Hamilton, M.A. (2008): Depositional Gaps in Abitibi Greenstone Belt Stratigraphy: A Key to Exploration for Syngenetic Mineralization. Economic Geology v103, pp. 1097-1134.

William, H., Scott, G., Heather, K., Muir, T., Sage, R., 1991. Wawa Subprovince: in Geology of Ontario Geological Survey, Special Volume 4, Part I, 485-539.

CERTIFICATE OF QUALIFIED PERSON

MICHAEL KILBOURNE, P.GEO.

I, Michael Kilbourne, P.Geo., residing at 20 Park View Avenue, Oro Station, Ontario, L0L 2E0, do hereby certify that:

1. I am an Assoicate Geologist with Orix Geoscience and a independent consulting geologist.

2. This certificate applies to the report titled "Report on 2021 Diamond Drill Program, Mahaffy Township, Porcupine Mining Division, Northeastern Ontario, NTS 42A13 and 32A14 prepared for Canada Nickel Company," (the "Report") dated February 14th, 2022.

3. I am a graduate of the University of Western Ontario with a B.Sc (HONS) in Geological Sciences (1985). I have worked as a geologist for over of 37 years since obtaining my Honours B.Sc. degree.

4. I am currently licensed by the Professional Geoscientists of Ontario (PGO, License No. 1591) by l'Ordre des Géologues du Québec (OGQ, Restricitve License No. 1971) and the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG No. L4959) and am a member of the Prospectors and Developers Association of Canada.

5. A majority of my experience has been exclusive to the Abitibi Subprovince and Archean-aged geological terranes similar to the Canada Nickel Property. During my experience I've managed and executed over 150,000 meters of diamond drilling across the Abitibi Subprovince throughout Ontario and Quebec. I worked as a production geologist at the Pamour Gold Mine in Timmins, Ontario from 1991-1996 in underground narrow vein, underground bulk and open pit gold mining environments. I've held previous executive positions for junior resources publicly traded companies.

6. As a result of my experience and qualifications, I am a Qualified Person as defined by National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI-43-101).

7. I contributed to and co-authored all sections in this Report.

8. As of the date of this certificate, to the best of my knowledge, information and belief, the Report contains all scientific and technical information that is required to be disclosed to make the Report not misleading

9. As at the date of this certificate, I do not hold a direct interst in the Canada Nickel Company.

Respectfully submitted and signed this 14th day of February 2022.

[Michael Kilbourne, PGO #1971]

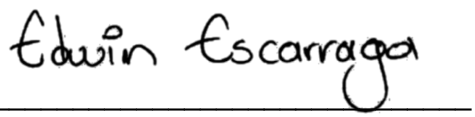
Michael Kilbourne, P.Geo.

Statement of Qualifications

I, Edwin Escarraga, P.Geo., of Orix Geoscience Inc. do hereby 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 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 am responsible for the preparation of this report titled 'Report on the 2021 Diamond Drill Program, Mahaffy Township, Porcupine Mining Division, Northeastern Ontario, NTS 42A13 and 42A14.
5) I have no prior involvement with the property that is the subject of this Report.

Dated this 14th day of February 2022.

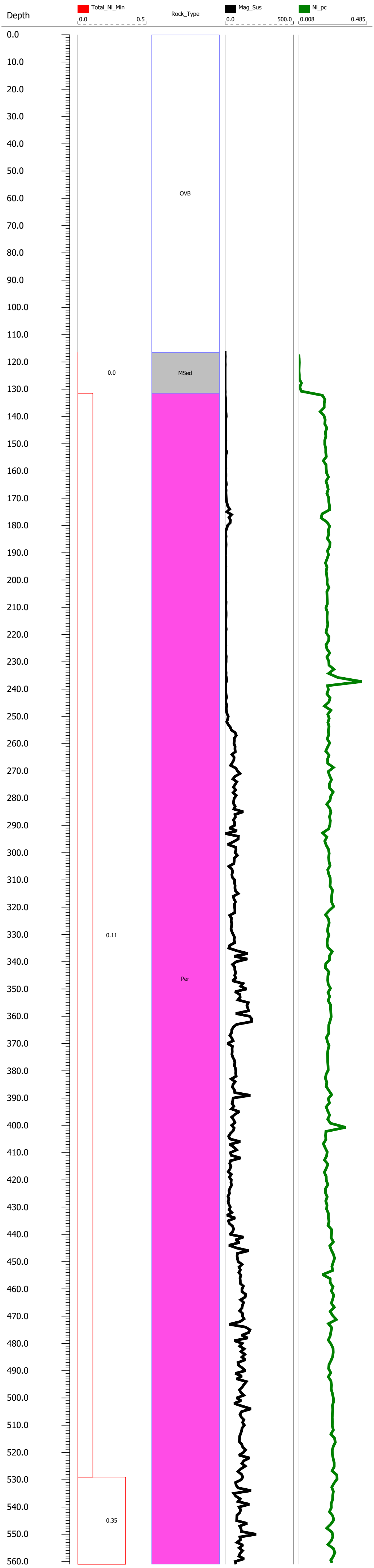


Edwin Escarraga, P.Geo. (PGO # 2859)

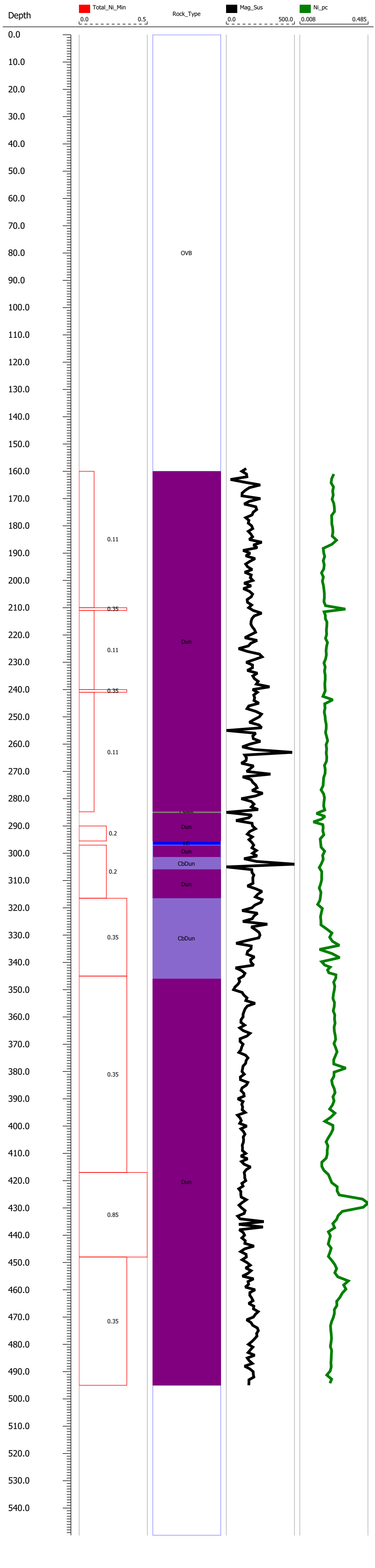
APPENDIX I

Graphic Logs

Mahaf_DB: MAH21-01A



Mahaf_DB: MAH21-02A



APPENDIX II

Assay Certificates

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11161-Revised**
Report Date: **02-Sep-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford (CR-19-A104)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-25 14:07:43
Specific Gravity Core-Timmins	- Core	2021-07-19 20:46:08
Weight Rpt (kg)-Timmins	Received Weights	2021-08-05 11:36:34

REPORT **A21-11161-Revised**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11161-Revised**
Report Date: **02-Sep-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford (CR-19-A104)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-26 15:50:14

REPORT **A21-11161-Revised**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Spec Grav Core	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti
Unit Symbol	ppb	ppb	ppb	-	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	GRAV	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468297	< 2	< 5	6		1.38	0.39	< 0.01	< 0.001	0.16	0.014	0.56	< 0.005	8.17	< 0.1	< 0.01	24.3	0.10	0.185	< 0.01	0.02	< 0.01	16.1	0.02
B468298	< 2	7	13		1.61	0.33	< 0.01	< 0.001	0.20	0.015	0.56	< 0.005	8.27	< 0.1	< 0.01	24.3	0.11	0.182	< 0.01	0.01	< 0.01	16.4	0.02
B468299	< 2	< 5	6		1.54	0.30	< 0.01	< 0.001	0.50	0.015	0.55	< 0.005	8.53	< 0.1	< 0.01	24.4	0.11	0.183	< 0.01	0.02	< 0.01	16.1	0.02
B468300	< 2	< 5	6		1.10	0.42	< 0.01	< 0.001	0.45	0.013	0.54	< 0.005	7.86	< 0.1	< 0.01	24.2	0.10	0.185	< 0.01	0.03	< 0.01	16.5	0.02
B468301	< 2	< 5	< 5		1.15	0.36	< 0.01	< 0.001	0.20	0.014	0.57	< 0.005	8.17	< 0.1	< 0.01	24.2	0.12	0.177	< 0.01	0.03	< 0.01	16.7	0.02
B468302	< 2	< 5	7		1.08	0.32	< 0.01	< 0.001	0.31	0.014	0.53	< 0.005	8.01	< 0.1	< 0.01	24.3	0.11	0.169	< 0.01	0.02	< 0.01	16.3	0.02
B468303	4	42	42		0.0660	7.64	< 0.01	< 0.001	5.90	0.018	0.02	0.033	9.59	0.7	< 0.01	3.99	0.11	0.727	< 0.01	1.68	< 0.01	23.9	1.03
B468304	6	< 5	8		1.82	0.45	< 0.01	< 0.001	0.95	0.013	0.52	< 0.005	7.79	< 0.1	< 0.01	23.3	0.10	0.238	< 0.01	0.07	< 0.01	16.7	0.02
B468305	10	< 5	8		1.84	0.84	< 0.01	< 0.001	1.01	0.014	0.55	< 0.005	9.66	< 0.1	< 0.01	22.7	0.12	0.179	< 0.01	0.04	< 0.01	15.7	0.05
B468306	< 2	< 5	< 5		1.42	0.48	< 0.01	< 0.001	0.66	0.014	0.51	< 0.005	8.67	< 0.1	< 0.01	23.6	0.13	0.184	< 0.01	0.04	< 0.01	16.1	0.02
B468307	< 2	< 5	< 5		0.120	12.7	< 0.01	< 0.001	0.19	< 0.002	< 0.01	< 0.005	1.00	4.0	< 0.01	0.07	0.01	< 0.005	< 0.01	0.01	< 0.01	27.9	< 0.01
B468308	2	< 5	8		1.86	0.56	< 0.01	< 0.001	0.60	0.012	0.53	< 0.005	7.78	< 0.1	< 0.01	23.7	0.09	0.178	< 0.01	0.05	< 0.01	17.1	0.02
B468309	< 2	< 5	6	2.60	1.59	0.44	< 0.01	< 0.001	0.33	0.014	0.55	< 0.005	7.89	< 0.1	< 0.01	24.2	0.10	0.184	< 0.01	0.03	< 0.01	16.7	0.02
B468310	< 2	< 5	5		1.53	0.39	< 0.01	< 0.001	0.13	0.015	0.54	< 0.005	7.95	< 0.1	< 0.01	24.4	0.10	0.186	< 0.01	0.03	< 0.01	17.0	0.02
B468311	< 2	< 5	9		1.67	0.38	< 0.01	< 0.001	0.33	0.016	0.53	< 0.005	8.05	< 0.1	< 0.01	24.6	0.10	0.193	< 0.01	0.02	< 0.01	16.1	0.02
B468312	< 2	< 5	8		1.50	0.33	< 0.01	< 0.001	0.33	0.016	0.54	< 0.005	8.29	< 0.1	< 0.01	24.7	0.09	0.192	< 0.01	0.02	< 0.01	16.2	0.02
B468313	< 2	< 5	6		0.000	0.37	< 0.01	< 0.001	0.33	0.016	0.55	< 0.005	8.25	< 0.1	< 0.01	24.4	0.10	0.195	< 0.01	0.03	< 0.01	16.6	0.02
B468314	< 2	< 5	11		1.51	0.66	< 0.01	< 0.001	0.23	0.014	0.53	< 0.005	7.87	< 0.1	< 0.01	23.8	0.10	0.187	< 0.01	0.03	< 0.01	16.8	0.03
B468315	< 2	< 5	< 5		1.54	0.38	< 0.01	< 0.001	0.25	0.016	0.53	< 0.005	8.22	< 0.1	< 0.01	24.1	0.09	0.195	< 0.01	0.02	< 0.01	16.4	0.02
B468316	< 2	< 5	< 5		1.58	0.39	< 0.01	< 0.001	0.13	0.015	0.55	< 0.005	7.91	< 0.1	< 0.01	24.5	0.09	0.202	< 0.01	0.02	< 0.01	16.8	0.02

Analyte Symbol	W	Zn
Unit Symbol	%	%
Lower Limit	0.005	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
B468297	< 0.005	< 0.01
B468298	< 0.005	< 0.01
B468299	< 0.005	< 0.01
B468300	< 0.005	< 0.01
B468301	< 0.005	< 0.01
B468302	< 0.005	< 0.01
B468303	< 0.005	0.01
B468304	< 0.005	< 0.01
B468305	< 0.005	< 0.01
B468306	< 0.005	< 0.01
B468307	< 0.005	< 0.01
B468308	< 0.005	< 0.01
B468309	< 0.005	< 0.01
B468310	< 0.005	< 0.01
B468311	< 0.005	< 0.01
B468312	< 0.005	< 0.01
B468313	< 0.005	< 0.01
B468314	< 0.005	< 0.01
B468315	< 0.005	< 0.01
B468316	< 0.005	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			< 0.01	0.013	1.55	< 0.005				31.4	0.08	0.389	< 0.01		< 0.01	18.8			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.010					1.07	< 0.005	< 0.01			16.1		0.360	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.018	0.02	0.033	9.52					0.704		1.71					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.113	13.8					3.23		7.37		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.06	0.03			0.011		0.393							0.17	32.5		0.25			54.4
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.031		23.1	31.9			0.71	0.01		0.71	34.9	0.01				3.04
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	5050	2010	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2080	1690	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.93	0.20		3.24	0.160	0.03	0.339	29.9	0.4	< 0.01	2.62	0.07	11.6	< 0.01	21.8	< 0.01	9.60	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.79	0.03	< 0.001	1.16	0.003		0.026	11.8	3.3	< 0.01	0.49	0.65		2.21	15.9	< 0.01	16.4	0.16		13.2
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.42	< 0.01		1.30	0.027		2.94	16.4	1.0	< 0.01	1.26	0.07		0.60	13.2	< 0.01	20.3	0.15	< 0.005	2.33
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion)											43.2										14.9		

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
Meas																							
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.59	< 0.01	0.003	0.92		< 0.01	0.034	3.04	1.5	0.48	0.47	0.04				< 0.01	35.0	0.36	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468305 Orig				0.88	< 0.01	< 0.001	1.01	0.014	0.55	< 0.005	9.66	< 0.1	< 0.01	22.8	0.12	0.181	< 0.01	0.04	< 0.01	15.9	0.05	< 0.005	< 0.01
B468305 Dup				0.81	< 0.01	< 0.001	1.02	0.014	0.55	< 0.005	9.66	< 0.1	< 0.01	22.6	0.12	0.178	< 0.01	0.05	< 0.01	15.6	0.05	< 0.005	< 0.01
B468306 Orig	< 2	< 5	6																				
B468306 Dup	3	< 5	< 5																				
B468311 Orig				0.37	< 0.01	< 0.001	0.31	0.016	0.52	< 0.005	8.01	< 0.1	< 0.01	24.6	0.10	0.192	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	< 0.01
B468311 Dup				0.38	< 0.01	< 0.001	0.34	0.015	0.53	< 0.005	8.09	< 0.1	< 0.01	24.6	0.10	0.194	< 0.01	0.02	< 0.01	16.2	0.02	< 0.005	< 0.01
B468316 Orig	< 2	< 5	5																				
B468316 Dup	< 2	< 5	< 5																				
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	7																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11162-Revised**
Report Date: **02-Sep-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-25 14:07:43
Weight Rpt (kg)-Timmins	Received Weights	2021-08-05 11:41:51

REPORT **A21-11162-Revised**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11162-Revised**
Report Date: **02-Sep-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-26 15:50:14

REPORT **A21-11162-Revised**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468277	< 2	< 5	< 5	1.02	0.31	< 0.01	< 0.001	0.14	0.016	0.50	< 0.005	8.13	< 0.1	< 0.01	24.3	0.12	0.177	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005
B468278	< 2	< 5	< 5	1.57	0.46	< 0.01	< 0.001	0.07	0.013	0.50	< 0.005	7.80	< 0.1	< 0.01	24.3	0.11	0.186	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005
B468279	< 2	< 5	< 5	1.04	0.52	< 0.01	< 0.001	0.43	0.013	0.46	< 0.005	7.83	< 0.1	< 0.01	24.2	0.12	0.186	< 0.01	< 0.01	< 0.01	16.7	0.02	< 0.005
B468280	< 2	< 5	9	1.66	0.32	< 0.01	< 0.001	0.05	0.015	0.54	< 0.005	8.20	< 0.1	< 0.01	24.4	0.12	0.197	< 0.01	< 0.01	< 0.01	16.3	0.02	< 0.005
B468281	< 2	< 5	6	1.60	0.26	< 0.01	< 0.001	0.05	0.016	0.54	< 0.005	8.06	< 0.1	< 0.01	24.8	0.12	0.196	< 0.01	< 0.01	< 0.01	16.5	0.02	< 0.005
B468282	< 2	< 5	< 5	1.52	0.33	< 0.01	< 0.001	0.11	0.015	0.54	< 0.005	8.06	< 0.1	< 0.01	24.3	0.12	0.193	< 0.01	< 0.01	< 0.01	16.2	0.02	< 0.005
B468283	< 2	< 5	< 5	1.64	0.24	< 0.01	< 0.001	0.06	0.016	0.54	< 0.005	7.97	< 0.1	< 0.01	25.0	0.13	0.195	< 0.01	0.04	< 0.01	16.3	0.02	< 0.005
B468284	< 2	< 5	< 5	1.96	0.29	< 0.01	< 0.001	0.11	0.015	0.57	< 0.005	7.81	< 0.1	< 0.01	24.5	0.13	0.187	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005
B468285	< 2	< 5	< 5	1.89	0.31	< 0.01	< 0.001	0.12	0.015	0.56	< 0.005	8.63	< 0.1	< 0.01	25.0	0.15	0.201	< 0.01	0.04	< 0.01	16.0	0.02	< 0.005
B468286	< 2	< 5	< 5	1.49	0.28	< 0.01	< 0.001	0.05	0.015	0.57	< 0.005	8.21	< 0.1	< 0.01	24.6	0.13	0.194	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005
B468287	< 2	< 5	< 5	1.61	0.27	< 0.01	< 0.001	0.05	0.014	0.55	< 0.005	8.11	< 0.1	< 0.01	24.9	0.15	0.190	< 0.01	0.03	< 0.01	16.2	0.02	< 0.005
B468288	4	39	26	0.0660	7.53	< 0.01	< 0.001	5.92	0.016	0.02	0.031	9.39	0.6	< 0.01	3.99	0.11	0.709	< 0.01	1.66	< 0.01	22.8	1.02	< 0.005
B468289	< 2	7	9	1.63	0.30	< 0.01	< 0.001	0.49	0.014	0.59	< 0.005	8.20	< 0.1	< 0.01	24.4	0.14	0.193	< 0.01	0.05	< 0.01	16.0	0.02	< 0.005
B468290	< 2	< 5	< 5	2.05	0.30	< 0.01	< 0.001	0.09	0.014	0.56	< 0.005	7.79	< 0.1	< 0.01	24.6	0.16	0.188	< 0.01	0.04	< 0.01	16.0	0.02	< 0.005
B468291	< 2	< 5	< 5	0.120	12.7	< 0.01	< 0.001	0.29	< 0.002	0.01	< 0.005	1.03	4.0	< 0.01	0.07	0.02	< 0.005	< 0.01	0.02	< 0.01	27.9	< 0.01	< 0.005
B468292	< 2	< 5	7	1.85	0.23	< 0.01	< 0.001	< 0.01	0.015	0.56	< 0.005	8.16	< 0.1	< 0.01	24.9	0.14	0.176	< 0.01	0.02	< 0.01	16.1	0.02	< 0.005
B468293	< 2	< 5	< 5	2.06	0.29	< 0.01	< 0.001	0.09	0.015	0.56	< 0.005	8.22	< 0.1	< 0.01	24.3	0.13	0.187	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005
B468294	< 2	37	46	1.91	0.31	< 0.01	< 0.001	0.18	0.013	0.57	< 0.005	7.76	< 0.1	< 0.01	24.6	0.11	0.180	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005
B468295	< 2	28	22	0.000	0.31	< 0.01	< 0.001	0.20	0.013	0.57	< 0.005	7.81	< 0.1	< 0.01	24.5	0.11	0.177	< 0.01	0.03	< 0.01	16.8	0.02	< 0.005
B468296	< 2	< 5	< 5	1.54	0.30	< 0.01	< 0.001	0.15	0.015	0.58	< 0.005	8.21	< 0.1	< 0.01	24.6	0.12	0.185	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468277	< 0.01
B468278	< 0.01
B468279	< 0.01
B468280	< 0.01
B468281	< 0.01
B468282	< 0.01
B468283	< 0.01
B468284	< 0.01
B468285	< 0.01
B468286	< 0.01
B468287	< 0.01
B468288	0.01
B468289	< 0.01
B468290	< 0.01
B468291	< 0.01
B468292	< 0.01
B468293	< 0.01
B468294	< 0.01
B468295	< 0.01
B468296	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			< 0.01	0.013	1.55	< 0.005				31.4	0.08	0.389	< 0.01		< 0.01	18.8			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.010					1.07	< 0.005	< 0.01			16.1		0.360	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.018	0.02	0.033	9.52					0.704		1.71					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.113	13.8					3.23		7.37		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.06	0.03			0.011		0.393							0.17	32.5		0.25			54.4
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.031		23.1	31.9			0.71	0.01		0.71	34.9	0.01				3.04
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	5050	2010	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2080	1690	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.93	0.20		3.24	0.160	0.03	0.339	29.9	0.4	< 0.01	2.62	0.07	11.6	< 0.01	21.8	< 0.01	9.60	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.79	0.03	< 0.001	1.16	0.003		0.026	11.8	3.3	< 0.01	0.49	0.65		2.21	15.9	< 0.01	16.4	0.16		13.2
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.42	< 0.01		1.30	0.027		2.94	16.4	1.0	< 0.01	1.26	0.07		0.60	13.2	< 0.01	20.3	0.15	< 0.005	2.33
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion)											43.2										14.9		

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
Meas																							
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.59	< 0.01	0.003	0.92		< 0.01	0.034	3.04	1.5	0.48	0.47	0.04				< 0.01	35.0	0.36	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468286 Orig	< 2	< 5	< 5																				
B468286 Dup	< 2	< 5	< 5																				
B468287 Orig				0.27	< 0.01	< 0.001	0.05	0.015	0.55	< 0.005	8.10	< 0.1	< 0.01	24.9	0.15	0.191	< 0.01	0.02	< 0.01	16.1	0.02	< 0.005	< 0.01
B468287 Dup				0.27	< 0.01	< 0.001	0.05	0.014	0.54	< 0.005	8.13	< 0.1	< 0.01	24.9	0.15	0.190	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
B468293 Orig				0.29	< 0.01	< 0.001	0.11	0.015	0.56	< 0.005	8.23	< 0.1	< 0.01	24.3	0.13	0.185	< 0.01	0.04	< 0.01	16.2	0.02	< 0.005	< 0.01
B468293 Dup				0.29	< 0.01	< 0.001	0.08	0.015	0.56	< 0.005	8.21	< 0.1	< 0.01	24.3	0.13	0.188	< 0.01	0.01	< 0.01	16.3	0.02	< 0.005	< 0.01
B468296 Orig	< 2	< 5	< 5																				
B468296 Dup	< 2	< 5	< 5																				
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	7																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11163**
Report Date: **30-Aug-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-26 15:50:14

REPORT **A21-11163**

Notes:

SCC Accredited LAB
LAB Accrédité CCN
TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11163**
Report Date: **30-Aug-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-04 10:21:13
Specific Gravity Core-Timmins	- Core	2021-07-19 20:46:08
Weight Rpt (kg)-Timmins	Received Weights	2021-08-05 11:42:41

REPORT **A21-11163**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Spec Grav Core	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti
Unit Symbol	ppb	ppb	ppb	-	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	GRAV	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468257	7	7	8		2.40	0.76	< 0.01	< 0.001	2.43	0.016	0.47	< 0.005	8.52	< 0.1	< 0.01	21.8	0.11	0.232	< 0.01	0.07	< 0.01	15.8	0.04
B468258	< 2	6	< 5		1.34	0.64	< 0.01	< 0.001	1.26	0.015	0.68	< 0.005	8.28	< 0.1	< 0.01	22.9	0.13	0.171	< 0.01	0.04	< 0.01	16.5	0.04
B468259	< 2	< 5	8		1.96	0.65	< 0.01	< 0.001	0.49	0.015	0.71	< 0.005	8.28	< 0.1	< 0.01	23.6	0.12	0.174	< 0.01	0.03	< 0.01	16.7	0.04
B468260	< 2	13	7		1.59	0.60	< 0.01	< 0.001	0.60	0.014	0.51	< 0.005	8.21	< 0.1	< 0.01	23.2	0.12	0.181	< 0.01	0.03	< 0.01	16.5	0.04
B468261	< 2	8	6		1.62	0.70	< 0.01	< 0.001	0.11	0.014	0.56	< 0.005	8.05	< 0.1	< 0.01	23.4	0.12	0.171	< 0.01	0.04	< 0.01	16.7	0.04
B468262	3	14	10		2.49	0.62	< 0.01	< 0.001	0.41	0.015	0.40	< 0.005	7.85	< 0.1	< 0.01	23.8	0.12	0.178	< 0.01	0.03	< 0.01	17.0	0.03
B468263	< 2	15	10		1.74	0.59	< 0.01	< 0.001	0.18	0.014	0.48	< 0.005	8.04	< 0.1	< 0.01	23.6	0.12	0.175	< 0.01	0.02	< 0.01	16.8	0.03
B468264	< 2	23	14		1.36	0.69	< 0.01	< 0.001	0.16	0.014	0.37	< 0.005	7.95	< 0.1	< 0.01	24.0	0.12	0.159	< 0.01	0.03	< 0.01	17.1	0.04
B468265	27	8	< 5		0.0660	3.94	0.01	< 0.001	3.02	0.008	0.14	0.005	5.60	0.7	< 0.01	13.8	0.12	0.227	< 0.01	0.33	< 0.01	22.7	0.18
B468266	< 2	14	9		1.84	0.58	< 0.01	< 0.001	0.19	0.015	0.42	< 0.005	8.46	< 0.1	< 0.01	23.8	0.12	0.172	< 0.01	< 0.01	< 0.01	16.8	0.03
B468267	2	7	< 5		1.67	0.44	< 0.01	< 0.001	0.06	0.015	0.47	< 0.005	8.21	< 0.1	< 0.01	24.0	0.12	0.165	< 0.01	< 0.01	< 0.01	17.1	0.02
B468268	< 2	6	< 5		1.59	0.38	< 0.01	< 0.001	< 0.01	0.016	0.47	< 0.005	8.30	< 0.1	< 0.01	24.2	0.12	0.172	< 0.01	< 0.01	< 0.01	16.9	0.02
B468269	< 2	6	6		1.84	0.47	< 0.01	< 0.001	0.28	0.014	0.49	< 0.005	8.36	< 0.1	< 0.01	23.9	0.14	0.176	< 0.01	< 0.01	< 0.01	16.4	0.03
B468270	< 2	< 5	< 5		0.120	12.4	< 0.01	< 0.001	0.32	< 0.002	< 0.01	< 0.005	1.21	4.0	< 0.01	0.08	0.02	< 0.005	< 0.01	< 0.01	< 0.01	27.9	< 0.01
B468271	3	< 5	6		1.70	0.62	< 0.01	< 0.001	0.42	0.014	0.45	< 0.005	9.01	< 0.1	< 0.01	23.6	0.11	0.179	< 0.01	0.02	< 0.01	17.0	0.03
B468272	2	< 5	7	2.58	1.57	0.33	< 0.01	< 0.001	0.22	0.015	0.51	< 0.005	8.07	< 0.1	< 0.01	24.5	0.12	0.179	< 0.01	0.01	< 0.01	17.0	0.02
B468273	< 2	< 5	< 5		0.000	0.33	< 0.01	< 0.001	0.23	0.015	0.51	< 0.005	8.08	< 0.1	< 0.01	24.4	0.12	0.183	< 0.01	< 0.01	< 0.01	17.0	0.02
B468274	2	< 5	6		1.66	1.06	< 0.01	< 0.001	2.11	0.011	0.50	< 0.005	7.70	< 0.1	< 0.01	22.3	0.10	0.176	< 0.01	0.02	< 0.01	16.7	0.02
B468275	< 2	< 5	< 5		1.89	0.32	< 0.01	< 0.001	0.14	0.016	0.51	< 0.005	8.47	< 0.1	< 0.01	24.3	0.13	0.187	< 0.01	< 0.01	< 0.01	16.7	0.02
B468276	< 2	120	22		1.25	0.34	< 0.01	< 0.001	0.14	0.029	0.50	< 0.005	8.68	< 0.1	< 0.01	24.3	0.12	0.326	< 0.01	0.07	< 0.01	16.7	0.02

Analyte Symbol	W	Zn
Unit Symbol	%	%
Lower Limit	0.005	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
B468257	< 0.005	< 0.01
B468258	< 0.005	< 0.01
B468259	< 0.005	< 0.01
B468260	< 0.005	< 0.01
B468261	< 0.005	< 0.01
B468262	< 0.005	< 0.01
B468263	< 0.005	< 0.01
B468264	< 0.005	< 0.01
B468265	< 0.005	0.01
B468266	< 0.005	0.01
B468267	< 0.005	< 0.01
B468268	< 0.005	< 0.01
B468269	< 0.005	< 0.01
B468270	< 0.005	< 0.01
B468271	< 0.005	< 0.01
B468272	< 0.005	< 0.01
B468273	< 0.005	< 0.01
B468274	< 0.005	< 0.01
B468275	< 0.005	< 0.01
B468276	< 0.005	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
DTS-2b Meas				0.23			< 0.01	0.013	1.55	< 0.005				31.4	0.08	0.389	< 0.01		< 0.01	18.8			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.113	13.8					3.23		7.37		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CDN-PGMS-27 Meas	5170	1930	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1990	1700	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1730	1640	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.93	0.20		3.24	0.160	0.03	0.339	29.9	0.4	< 0.01	2.62	0.07	11.6	< 0.01	21.8	< 0.01	9.60	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.79	0.03	< 0.001	1.16	0.003		0.026	11.8	3.3	< 0.01	0.49	0.65		2.21	15.9	< 0.01	16.4	0.16		13.2
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.42	< 0.01		1.30	0.027		2.94	16.4	1.0	< 0.01	1.26	0.07		0.60	13.2	< 0.01	20.3	0.15	< 0.005	2.33
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											43.2										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.59	< 0.01	0.003	0.92		< 0.01	0.034	3.04	1.5	0.48	0.47	0.04				< 0.01	35.0	0.36	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468266 Orig	< 2	14	6																				
B468266 Dup	< 2	14	12																				
B468276 Orig	3	119	19																				
B468276 Dup	< 2	120	25																				
Method Blank	< 2	< 5	< 5																				

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11164**
Report Date: **31-Aug-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-26 15:50:14

REPORT **A21-11164**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11164**
Report Date: **31-Aug-21**
Date Submitted: **17-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-04 10:21:13
Weight Rpt (kg)-Timmins	Received Weights	2021-08-05 11:39:29

REPORT **A21-11164**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468237	4	< 5	9	2.86	0.66	< 0.01	< 0.001	0.49	0.013	0.68	< 0.005	7.99	< 0.1	< 0.01	23.1	0.11	0.245	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005
B468238	10	11	43	1.68	0.83	< 0.01	< 0.001	1.13	0.011	0.58	< 0.005	8.61	< 0.1	< 0.01	22.4	0.12	0.230	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005
B468239	7	10	46	2.16	0.75	< 0.01	< 0.001	2.16	0.013	0.52	< 0.005	8.43	< 0.1	< 0.01	21.9	0.13	0.226	< 0.01	0.04	< 0.01	16.2	0.03	< 0.005
B468240	< 2	< 5	18	1.68	0.58	< 0.01	< 0.001	0.28	0.011	0.57	< 0.005	8.83	< 0.1	< 0.01	23.2	0.12	0.241	< 0.01	< 0.01	< 0.01	16.9	0.03	< 0.005
B468241	3	< 5	8	1.72	0.70	< 0.01	< 0.001	0.28	0.011	0.56	< 0.005	8.26	< 0.1	< 0.01	23.3	0.12	0.237	< 0.01	< 0.01	< 0.01	17.1	0.04	< 0.005
B468242	2	< 5	9	1.97	0.66	< 0.01	< 0.001	0.37	0.012	0.56	< 0.005	8.66	< 0.1	< 0.01	23.0	0.11	0.241	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005
B468243	39	10	< 5	0.0660	3.98	0.01	< 0.001	3.18	0.009	0.12	< 0.005	5.67	0.7	< 0.01	13.8	0.12	0.226	< 0.01	0.29	< 0.01	23.4	0.18	< 0.005
B468244	6	7	9	1.52	0.79	< 0.01	< 0.001	1.47	0.012	0.54	< 0.005	8.02	< 0.1	< 0.01	22.4	0.10	0.233	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005
B468245	2	< 5	10	1.78	0.66	< 0.01	< 0.001	0.51	0.013	0.52	< 0.005	8.37	< 0.1	< 0.01	23.5	0.11	0.245	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005
B468246	3	< 5	< 5	1.57	0.59	< 0.01	< 0.001	0.61	0.013	0.50	< 0.005	8.54	< 0.1	< 0.01	23.3	0.11	0.249	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005
B468247	< 2	< 5	8	1.64	0.61	< 0.01	< 0.001	0.11	0.013	0.52	< 0.005	8.65	< 0.1	< 0.01	23.5	0.12	0.250	< 0.01	0.02	< 0.01	17.3	0.04	< 0.005
B468248	3	< 5	< 5	0.120	12.1	< 0.01	< 0.001	0.17	< 0.002	< 0.01	< 0.005	1.13	3.8	< 0.01	0.06	0.02	< 0.005	< 0.01	< 0.01	< 0.01	26.8	< 0.01	< 0.005
B468249	3	< 5	11	1.63	0.69	< 0.01	< 0.001	0.57	0.011	0.51	< 0.005	8.69	< 0.1	< 0.01	23.0	0.12	0.229	< 0.01	0.02	< 0.01	16.0	0.04	< 0.005
B468250	28	< 5	13	1.71	0.68	< 0.01	< 0.001	0.88	0.011	0.51	< 0.005	8.29	< 0.1	< 0.01	22.6	0.12	0.231	< 0.01	0.02	< 0.01	16.0	0.03	< 0.005
B468251	2	< 5	6	1.68	0.55	< 0.01	< 0.001	0.41	0.012	0.53	< 0.005	8.40	< 0.1	< 0.01	23.4	0.13	0.231	< 0.01	0.02	< 0.01	15.7	0.03	< 0.005
B468252	2	< 5	9	1.98	0.62	< 0.01	< 0.001	0.42	0.012	0.54	< 0.005	8.46	< 0.1	< 0.01	23.2	0.12	0.237	< 0.01	0.03	< 0.01	16.0	0.03	< 0.005
B468253	< 2	< 5	10	0.000	0.61	< 0.01	< 0.001	0.41	0.012	0.52	< 0.005	8.46	< 0.1	< 0.01	23.4	0.12	0.236	< 0.01	0.02	< 0.01	16.2	0.03	< 0.005
B468254	3	< 5	8	1.66	0.72	< 0.01	< 0.001	0.57	0.011	0.47	< 0.005	8.57	< 0.1	< 0.01	23.0	0.12	0.239	< 0.01	0.04	< 0.01	16.3	0.04	< 0.005
B468255	4	25	36	2.42	0.60	< 0.01	< 0.001	1.16	0.012	0.50	< 0.005	8.54	< 0.1	< 0.01	22.6	0.12	0.233	< 0.01	0.15	< 0.01	16.2	0.04	< 0.005
B468256	7	15	26	1.66	0.61	< 0.01	< 0.001	0.44	0.015	0.55	< 0.005	7.30	< 0.1	< 0.01	23.7	0.12	0.264	< 0.01	0.07	< 0.01	16.7	0.03	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468237	< 0.01
B468238	< 0.01
B468239	< 0.01
B468240	< 0.01
B468241	0.01
B468242	< 0.01
B468243	0.01
B468244	< 0.01
B468245	< 0.01
B468246	< 0.01
B468247	< 0.01
B468248	< 0.01
B468249	0.01
B468250	< 0.01
B468251	0.01
B468252	0.03
B468253	< 0.01
B468254	< 0.01
B468255	< 0.01
B468256	0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			< 0.01	0.013	1.55	< 0.005				31.4	0.08	0.389	< 0.01		< 0.01	18.8			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.010					1.07	< 0.005	< 0.01			16.1		0.360	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.018	0.02	0.033	9.52					0.704		1.71					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.113	13.8					3.23		7.37		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.06	0.03			0.011		0.393							0.17	32.5		0.25			54.4
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.031		23.1	31.9			0.71	0.01		0.71	34.9	0.01				3.04
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	5170	1930	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1990	1700	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1730	1640	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.93	0.20		3.24	0.160	0.03	0.339	29.9	0.4	< 0.01	2.62	0.07	11.6	< 0.01	21.8	< 0.01	9.60	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.79	0.03	< 0.001	1.16	0.003		0.026	11.8	3.3	< 0.01	0.49	0.65		2.21	15.9	< 0.01	16.4	0.16		13.2
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.42	< 0.01		1.30	0.027		2.94	16.4	1.0	< 0.01	1.26	0.07		0.60	13.2	< 0.01	20.3	0.15	< 0.005	2.33
OREAS 624				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.00045	2.41

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Cert																						8	
AMIS 0346 (Peroxide Fusion) Meas											43.2										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.59	< 0.01	0.003	0.92		< 0.01	0.034	3.04	1.5	0.48	0.47	0.04				< 0.01	35.0	0.36	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468240 Orig				0.58	< 0.01	< 0.001	0.27	0.011	0.56	< 0.005	8.86	< 0.1	< 0.01	23.2	0.12	0.243	< 0.01	< 0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
B468240 Dup				0.58	< 0.01	< 0.001	0.28	0.011	0.57	< 0.005	8.80	< 0.1	< 0.01	23.2	0.12	0.239	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
B468246 Orig	3	< 5	< 5																				
B468246 Dup	2	< 5	8																				
B468255 Orig				0.60	< 0.01	< 0.001	1.16	0.012	0.50	< 0.005	8.60	< 0.1	< 0.01	22.5	0.12	0.234	< 0.01	0.25	< 0.01	16.0	0.04	< 0.005	0.38
B468255 Dup				0.60	< 0.01	< 0.001	1.17	0.012	0.50	< 0.005	8.47	< 0.1	< 0.01	22.7	0.12	0.231	< 0.01	0.05	< 0.01	16.3	0.04	< 0.005	< 0.01
B468256 Orig	7	14	24																				
B468256 Dup	7	15	28																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11360**
Report Date: **02-Sep-21**
Date Submitted: **20-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-20 15:19:34

REPORT **A21-11360**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11360**
Report Date: **02-Sep-21**
Date Submitted: **20-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-24 22:02:56
Specific Gravity Core-Timmins	- Core	2021-07-20 16:20:15
Weight Rpt (kg)-Timmins	Received Weights	2021-08-09 10:54:24

REPORT **A21-11360**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Spec Grav Core	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti
Unit Symbol	ppb	ppb	ppb	-	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	GRAV	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468357	< 2	< 5	< 5		1.77	0.78	< 0.01	< 0.001	0.14	0.015	0.48	< 0.005	8.43	< 0.1	< 0.01	22.9	0.13	0.160	< 0.01	< 0.01	< 0.01	17.2	0.04
B468358	< 2	< 5	10	2.57	1.84	0.71	< 0.01	< 0.001	0.35	0.014	0.50	< 0.005	8.39	< 0.1	< 0.01	23.2	0.15	0.153	< 0.01	0.01	< 0.01	16.9	0.04
B468359	< 2	< 5	23		1.86	0.73	< 0.01	< 0.001	0.76	0.014	0.48	< 0.005	8.63	< 0.1	< 0.01	22.5	0.13	0.143	< 0.01	< 0.01	< 0.01	17.0	0.04
B468360	< 2	< 5	8		1.70	0.61	< 0.01	< 0.001	0.10	0.015	0.55	< 0.005	8.47	< 0.1	< 0.01	23.2	0.14	0.156	< 0.01	< 0.01	< 0.01	17.0	0.04
B468361	< 2	< 5	5		1.79	0.87	< 0.01	< 0.001	0.25	0.014	0.45	< 0.005	8.33	< 0.1	< 0.01	22.7	0.13	0.152	< 0.01	< 0.01	< 0.01	17.2	0.05
B468362	< 2	< 5	< 5		1.64	0.93	< 0.01	< 0.001	1.25	0.014	0.42	< 0.005	8.31	< 0.1	< 0.01	22.1	0.14	0.148	< 0.01	< 0.01	< 0.01	17.4	0.06
B468363	< 2	< 5	< 5		1.96	1.17	< 0.01	< 0.001	2.48	0.014	0.41	< 0.005	8.08	< 0.1	< 0.01	20.9	0.18	0.132	< 0.01	0.02	< 0.01	16.3	0.10
B468364	< 2	< 5	< 5		1.60	0.87	< 0.01	< 0.001	0.92	0.014	0.50	< 0.005	7.97	< 0.1	< 0.01	23.0	0.14	0.165	< 0.01	< 0.01	< 0.01	16.9	0.05
B468365	3	39	30		0.0660	7.39	< 0.01	< 0.001	6.08	0.017	0.02	0.031	9.46	0.7	< 0.01	3.97	0.11	0.696	< 0.01	1.65	< 0.01	23.0	1.02
B468366	< 2	< 5	< 5		2.22	0.90	< 0.01	< 0.001	1.06	0.014	0.50	< 0.005	8.28	< 0.1	< 0.01	22.4	0.12	0.158	< 0.01	< 0.01	< 0.01	17.2	0.05
B468367	< 2	< 5	7		2.26	0.83	< 0.01	< 0.001	0.44	0.015	0.47	< 0.005	9.45	< 0.1	< 0.01	22.2	0.13	0.152	< 0.01	< 0.01	< 0.01	16.6	0.05
B468368	< 2	< 5	< 5		1.87	0.89	< 0.01	< 0.001	1.32	0.014	0.49	< 0.005	7.77	< 0.1	< 0.01	22.2	0.12	0.155	< 0.01	0.02	< 0.01	16.5	0.05
B468369	< 2	< 5	12		2.19	1.03	< 0.01	< 0.001	0.43	0.014	0.43	< 0.005	8.59	< 0.1	< 0.01	22.4	0.10	0.155	< 0.01	0.02	< 0.01	17.0	0.05
B468370	< 2	< 5	< 5		0.120	12.1	< 0.01	< 0.001	0.21	< 0.002	< 0.01	< 0.005	0.75	3.9	< 0.01	0.09	0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.6	< 0.01
B468371	< 2	< 5	6		2.34	0.81	< 0.01	< 0.001	0.80	0.014	0.52	< 0.005	8.31	< 0.1	< 0.01	22.2	0.11	0.195	< 0.01	0.03	< 0.01	16.9	0.05
B468372	< 2	20	12		2.08	0.79	< 0.01	< 0.001	0.65	0.014	0.55	< 0.005	7.98	< 0.1	< 0.01	23.0	0.11	0.232	< 0.01	0.05	< 0.01	17.2	0.04
B468373	21	19	10		2.51	0.67	< 0.01	< 0.001	1.10	0.015	0.53	< 0.005	8.21	< 0.1	< 0.01	22.2	0.10	0.216	< 0.01	0.04	< 0.01	16.9	0.04
B468374	24	16	9		0.000	0.68	< 0.01	< 0.001	1.16	0.015	0.54	< 0.005	8.27	< 0.1	< 0.01	22.0	0.10	0.202	< 0.01	0.04	< 0.01	17.2	0.04
B468375	7	24	10		2.39	0.77	< 0.01	< 0.001	0.64	0.015	0.53	< 0.005	7.79	< 0.1	< 0.01	22.7	0.10	0.235	< 0.01	0.05	< 0.01	17.2	0.04
B468376	10	36	21		2.22	0.80	< 0.01	< 0.001	0.65	0.015	0.52	< 0.005	8.33	< 0.1	< 0.01	22.5	0.10	0.284	< 0.01	0.07	< 0.01	16.9	0.04

Analyte Symbol	W	Zn
Unit Symbol	%	%
Lower Limit	0.005	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
B468357	< 0.005	< 0.01
B468358	< 0.005	< 0.01
B468359	< 0.005	< 0.01
B468360	< 0.005	< 0.01
B468361	< 0.005	< 0.01
B468362	< 0.005	0.01
B468363	< 0.005	< 0.01
B468364	< 0.005	< 0.01
B468365	< 0.005	0.01
B468366	< 0.005	< 0.01
B468367	< 0.005	0.01
B468368	< 0.005	< 0.01
B468369	< 0.005	< 0.01
B468370	< 0.005	< 0.01
B468371	< 0.005	< 0.01
B468372	< 0.005	0.01
B468373	< 0.005	0.01
B468374	< 0.005	< 0.01
B468375	< 0.005	< 0.01
B468376	< 0.005	0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.03	0.013	1.61	< 0.005				31.4	0.08	0.378	< 0.01		< 0.01	18.8			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.009					1.08	< 0.005	< 0.01			16.5		0.360	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.02	0.032	9.55					0.728		1.67					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.119	13.8					3.18		7.56		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.010		0.126	12.0							19.6	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.79									0.007	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.04			0.010		0.417							0.18	34.4		0.27			55.2
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.031		23.1	31.3			0.71	< 0.01		0.72	36.5	< 0.01				3.06
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4870	2040	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4750	1970	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4810	1910	1190																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4340	1900	1220																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1860	1690	233																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1860	1600	206																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30	1930	1640	221																				

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
Meas																							
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1800	1690	225																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.86	0.19		3.28	0.159	0.03	0.324	29.5	0.4	< 0.01	2.56	0.07	11.4	0.01	22.0	< 0.01	9.29	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.70	0.03	< 0.001	0.99	0.003		0.027	11.8	3.2	< 0.01	0.46	0.65		2.21	15.5	< 0.01	16.2	0.15		13.7
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.24	< 0.01		1.42	0.027		3.04	16.5	1.0	< 0.01	1.25	0.07		0.62	12.8	< 0.01	20.2	0.15	< 0.005	2.43
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											45.3										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.31	< 0.01	0.003	0.82		< 0.01	0.035	3.09	1.5	0.46	0.44	0.04				< 0.01	36.1	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468360 Orig				0.61	< 0.01	< 0.001	0.10	0.014	0.54	< 0.005	8.49	< 0.1	< 0.01	23.3	0.14	0.155	< 0.01	< 0.01	< 0.01	17.0	0.04	< 0.005	< 0.01
B468360 Dup				0.61	< 0.01	< 0.001	0.10	0.015	0.55	< 0.005	8.46	< 0.1	< 0.01	23.2	0.14	0.156	< 0.01	< 0.01	< 0.01	16.9	0.04	< 0.005	< 0.01
B468375 Orig				0.77	< 0.01	< 0.001	0.64	0.015	0.53	< 0.005	7.79	< 0.1	< 0.01	22.6	0.10	0.235	< 0.01	0.05	< 0.01	17.1	0.04	< 0.005	< 0.01
B468375 Dup				0.77	< 0.01	< 0.001	0.64	0.015	0.52	< 0.005	7.80	< 0.1	< 0.01	22.8	0.10	0.234	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.02	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	7																				
Method Blank	< 2	< 5	< 5																				
Method Blank	3	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11361**
Report Date: **20-Aug-21**
Date Submitted: **20-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-09 15:44:45

REPORT **A21-11361**

Notes:

SCC Accredited LAB
LAB Accrédité CCN
TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11361**
Report Date: **20-Aug-21**
Date Submitted: **20-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-19 08:50:26
Weight Rpt (kg)-Timmins	Received Weights	2021-08-09 10:56:37

REPORT **A21-11361**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468337	< 2	10	9	1.60	2.67	< 0.01	< 0.001	4.79	0.010	0.32	0.024	8.52	< 0.1	< 0.01	17.8	0.36	0.124	< 0.01	0.06	< 0.01	17.8	0.28	< 0.005
B468338	< 2	10	10	1.14	0.90	< 0.01	< 0.001	1.32	0.009	0.44	< 0.005	8.91	< 0.1	< 0.01	21.9	0.08	0.184	< 0.01	0.03	< 0.01	16.9	0.05	< 0.005
B468339	< 2	< 5	< 5	1.08	0.98	< 0.01	< 0.001	3.32	0.013	0.35	< 0.005	8.27	< 0.1	< 0.01	21.3	0.08	0.159	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005
B468340	< 2	< 5	< 5	1.28	2.93	< 0.01	< 0.001	7.27	0.010	0.27	0.007	8.05	< 0.1	< 0.01	16.2	0.42	0.102	< 0.01	0.02	< 0.01	18.0	0.30	< 0.005
B468341	< 2	< 5	< 5	1.16	0.79	< 0.01	< 0.001	1.02	0.011	0.41	< 0.005	8.47	< 0.1	< 0.01	22.9	0.10	0.168	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005
B468342	< 2	< 5	13	1.32	0.70	< 0.01	< 0.001	0.27	0.012	0.46	< 0.005	8.39	< 0.1	< 0.01	23.3	0.10	0.172	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005
B468343	3	38	30	0.0660	7.67	< 0.01	< 0.001	6.33	0.019	0.03	0.034	9.59	0.7	< 0.01	4.04	0.11	0.716	< 0.01	1.80	< 0.01	23.9	1.04	< 0.005
B468344	< 2	5	11	2.41	0.76	< 0.01	< 0.001	0.50	0.012	0.44	< 0.005	8.55	< 0.1	< 0.01	23.2	0.11	0.168	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005
B468345	< 2	< 5	14	1.85	0.70	< 0.01	< 0.001	0.26	0.011	0.46	< 0.005	8.11	< 0.1	< 0.01	23.8	0.12	0.175	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005
B468346	3	< 5	< 5	1.70	0.82	< 0.01	< 0.001	0.49	0.012	0.41	< 0.005	8.01	< 0.1	< 0.01	22.8	0.13	0.150	< 0.01	0.03	< 0.01	17.1	0.04	< 0.005
B468347	< 2	< 5	< 5	0.120	12.4	< 0.01	< 0.001	0.28	< 0.002	< 0.01	< 0.005	1.10	3.9	< 0.01	0.05	0.02	< 0.005	< 0.01	< 0.01	< 0.01	27.5	< 0.01	< 0.005
B468348	< 2	< 5	12	1.85	0.75	< 0.01	< 0.001	0.16	0.014	0.47	< 0.005	8.38	< 0.1	< 0.01	23.4	0.13	0.156	< 0.01	0.01	< 0.01	17.2	0.04	< 0.005
B468349	< 2	< 5	< 5	1.67	0.69	< 0.01	< 0.001	0.08	0.014	0.51	< 0.005	8.37	< 0.1	< 0.01	23.8	0.13	0.181	< 0.01	< 0.01	< 0.01	16.9	0.03	< 0.005
B468350	< 2	< 5	5	1.69	0.62	< 0.01	< 0.001	0.43	0.014	0.52	< 0.005	8.16	< 0.1	< 0.01	23.7	0.14	0.170	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005
B468351	< 2	< 5	8	1.71	0.78	< 0.01	< 0.001	1.09	0.012	0.52	< 0.005	7.38	< 0.1	< 0.01	23.1	0.12	0.171	< 0.01	0.05	< 0.01	17.4	0.04	< 0.005
B468352	< 2	5	15	1.64	0.86	< 0.01	< 0.001	1.77	0.013	0.49	< 0.005	7.58	< 0.1	< 0.01	22.4	0.12	0.159	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005
B468353	< 2	< 5	7	0.000	0.89	< 0.01	< 0.001	1.85	0.013	0.49	< 0.005	7.53	< 0.1	< 0.01	22.6	0.12	0.160	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005
B468354	< 2	< 5	10	1.48	0.88	< 0.01	< 0.001	0.82	0.012	0.43	< 0.005	7.01	< 0.1	< 0.01	23.5	0.12	0.143	< 0.01	0.04	< 0.01	17.3	0.04	< 0.005
B468355	< 2	< 5	< 5	1.95	0.75	< 0.01	< 0.001	0.45	0.014	0.54	< 0.005	8.32	< 0.1	< 0.01	23.7	0.14	0.161	< 0.01	0.03	< 0.01	16.5	0.04	< 0.005
B468356	< 2	< 5	13	1.00	0.70	< 0.01	< 0.001	0.03	0.016	0.52	< 0.005	8.76	< 0.1	< 0.01	23.4	0.14	0.160	< 0.01	0.01	< 0.01	17.4	0.04	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468337	0.02
B468338	0.01
B468339	< 0.01
B468340	< 0.01
B468341	< 0.01
B468342	0.01
B468343	0.01
B468344	0.01
B468345	0.01
B468346	< 0.01
B468347	< 0.01
B468348	< 0.01
B468349	< 0.01
B468350	< 0.01
B468351	< 0.01
B468352	< 0.01
B468353	< 0.01
B468354	< 0.01
B468355	< 0.01
B468356	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.53				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.04	0.013	1.55	< 0.005				31.1	0.08	0.374	< 0.01		< 0.01	18.7			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.011					1.03	< 0.005	< 0.01			15.8		0.351	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.02	0.031	9.26					0.701		1.68					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.122	13.6					3.20		7.60		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.008	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.03			0.010		0.391							0.18	33.9		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.19	0.11			0.031		23.7	31.6			0.72	0.01		0.71	35.7	0.01				2.93
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4860	1950	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4220	1870	1210																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1800	1660	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1870	1650	249																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1950	1620	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.92	0.19		3.26	0.155	0.03	0.339	29.7	0.3	< 0.01	2.63	0.07	11.6	0.01	21.6	< 0.01	9.09	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139				3.88	0.03	< 0.001	1.24	0.002		0.025	11.6	3.3	< 0.01	0.48	0.65		2.23	17.0	< 0.01	16.2	0.15		13.6

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.39	0.01		1.41	0.027		3.08	16.1	1.0	< 0.01	1.25	0.06		0.60	12.1	< 0.01	20.1	0.15	< 0.005	2.37
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											44.8										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.51	< 0.01	0.003	0.93		< 0.01	0.034	3.12	1.5	0.48	0.46	0.04				< 0.01	36.5	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468342 Orig				0.70	< 0.01	< 0.001	0.27	0.012	0.46	< 0.005	8.42	< 0.1	< 0.01	23.6	0.10	0.171	< 0.01	0.01	< 0.01	17.2	0.04	< 0.005	0.01
B468342 Dup				0.70	< 0.01	< 0.001	0.27	0.012	0.46	< 0.005	8.37	< 0.1	< 0.01	23.1	0.10	0.172	< 0.01	0.03	< 0.01	17.2	0.04	< 0.005	0.01
B468345 Orig	< 2	< 5	16																				
B468345 Dup	2	< 5	11																				
B468348 Orig	< 2	< 5	12																				
B468348 Dup	< 2	< 5	13																				
B468350 Orig				0.64	< 0.01	< 0.001	0.39	0.014	0.52	< 0.005	8.17	< 0.1	< 0.01	23.7	0.14	0.167	< 0.01	0.02	< 0.01	16.9	0.03	< 0.005	< 0.01
B468350 Dup				0.61	< 0.01	< 0.001	0.46	0.014	0.52	< 0.005	8.15	< 0.1	< 0.01	23.7	0.14	0.173	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	0.04	< 0.01	0.008	< 0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	3	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11362**
Report Date: **20-Aug-21**
Date Submitted: **20-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-19 08:50:26
Weight Rpt (kg)-Timmins	Received Weights	2021-08-09 10:57:08

REPORT **A21-11362**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11362**
Report Date: **20-Aug-21**
Date Submitted: **20-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-09 15:44:45

REPORT **A21-11362**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468317	3	29	36	1.51	0.41	< 0.01	< 0.001	0.05	0.015	0.54	< 0.005	7.56	< 0.1	< 0.01	24.6	0.09	0.191	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005
B468318	< 2	6	< 5	1.58	0.39	< 0.01	< 0.001	0.13	0.014	0.55	< 0.005	6.72	< 0.1	< 0.01	25.0	0.08	0.195	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005
B468319	< 2	6	< 5	1.48	0.49	< 0.01	< 0.001	0.32	0.014	0.53	< 0.005	8.64	< 0.1	< 0.01	24.0	0.08	0.192	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005
B468320	< 2	6	< 5	1.57	0.32	< 0.01	< 0.001	0.08	0.013	0.56	< 0.005	6.63	< 0.1	< 0.01	25.0	0.08	0.196	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005
B468321	< 2	< 5	< 5	1.55	0.41	< 0.01	< 0.001	0.24	0.014	0.53	< 0.005	7.95	< 0.1	< 0.01	24.5	0.08	0.194	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005
B468322	< 2	6	< 5	1.47	0.42	< 0.01	< 0.001	0.32	0.015	0.54	< 0.005	7.91	< 0.1	< 0.01	24.2	0.08	0.180	< 0.01	< 0.01	< 0.01	16.5	0.02	< 0.005
B468323	5	12	6	0.0660	4.10	0.02	< 0.001	3.25	0.008	0.12	< 0.005	5.65	0.6	< 0.01	14.2	0.12	0.224	< 0.01	0.36	< 0.01	23.0	0.19	< 0.005
B468324	< 2	< 5	< 5	1.63	0.31	< 0.01	< 0.001	0.08	0.015	0.56	< 0.005	7.37	< 0.1	< 0.01	24.9	0.08	0.185	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005
B468325	< 2	21	14	1.63	0.43	< 0.01	< 0.001	0.12	0.014	0.54	< 0.005	7.51	< 0.1	< 0.01	24.6	0.08	0.184	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005
B468326	3	< 5	< 5	1.45	0.42	< 0.01	< 0.001	0.16	0.013	0.57	< 0.005	7.21	< 0.1	< 0.01	24.5	0.08	0.174	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005
B468327	< 2	< 5	< 5	0.125	12.7	< 0.01	< 0.001	0.24	< 0.002	< 0.01	< 0.005	0.98	4.0	< 0.01	0.04	0.01	< 0.005	< 0.01	0.01	< 0.01	27.7	< 0.01	< 0.005
B468328	< 2	8	8	1.54	0.38	< 0.01	< 0.001	0.23	0.015	0.57	< 0.005	7.93	< 0.1	< 0.01	24.1	0.09	0.172	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005
B468329	< 2	27	20	1.76	0.41	< 0.01	< 0.001	0.50	0.014	0.51	< 0.005	7.66	< 0.1	< 0.01	24.2	0.09	0.170	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005
B468330	< 2	39	51	1.74	0.89	< 0.01	< 0.001	0.68	0.013	0.36	< 0.005	8.51	< 0.1	< 0.01	23.2	0.08	0.156	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005
B468331	< 2	42	35	1.55	0.75	< 0.01	< 0.001	0.81	0.012	0.43	< 0.005	7.54	< 0.1	< 0.01	23.4	0.08	0.175	< 0.01	0.04	< 0.01	16.7	0.04	< 0.005
B468332	< 2	19	16	1.97	0.53	< 0.01	< 0.001	0.28	0.015	0.52	< 0.005	8.00	< 0.1	< 0.01	23.9	0.09	0.180	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005
B468333	< 2	19	13	2.36	0.83	< 0.01	< 0.001	< 0.01	0.012	0.47	< 0.005	8.08	< 0.1	< 0.01	23.4	0.09	0.176	< 0.01	0.03	< 0.01	17.2	0.04	< 0.005
B468334	< 2	18	11	0.000	0.84	< 0.01	< 0.001	< 0.01	0.012	0.47	< 0.005	8.04	< 0.1	< 0.01	23.5	0.09	0.178	< 0.01	0.03	< 0.01	17.5	0.04	< 0.005
B468335	< 2	21	11	1.55	0.85	< 0.01	< 0.001	< 0.01	0.011	0.47	< 0.005	8.11	< 0.1	< 0.01	23.4	0.08	0.174	< 0.01	0.03	< 0.01	17.2	0.04	< 0.005
B468336	< 2	19	10	1.39	0.85	< 0.01	< 0.001	0.08	0.015	0.48	< 0.005	8.10	< 0.1	< 0.01	23.2	0.08	0.182	< 0.01	0.02	< 0.01	17.5	0.04	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468317	< 0.01
B468318	< 0.01
B468319	< 0.01
B468320	< 0.01
B468321	< 0.01
B468322	< 0.01
B468323	0.01
B468324	< 0.01
B468325	< 0.01
B468326	< 0.01
B468327	< 0.01
B468328	< 0.01
B468329	< 0.01
B468330	< 0.01
B468331	< 0.01
B468332	< 0.01
B468333	< 0.01
B468334	0.01
B468335	< 0.01
B468336	0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.53				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.04	0.013	1.55	< 0.005				31.1	0.08	0.374	< 0.01		< 0.01	18.7			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.011					1.03	< 0.005	< 0.01			15.8		0.351	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.02	0.031	9.26					0.701		1.68					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.122	13.6					3.20		7.60		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.008	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.03			0.010		0.391							0.18	33.9		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.19	0.11			0.031		23.7	31.6			0.72	0.01		0.71	35.7	0.01				2.93
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4860	1950	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4220	1870	1210																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1800	1660	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1870	1650	249																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1950	1620	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.92	0.19		3.26	0.155	0.03	0.339	29.7	0.3	< 0.01	2.63	0.07	11.6	0.01	21.6	< 0.01	9.09	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139				3.88	0.03	< 0.001	1.24	0.002		0.025	11.6	3.3	< 0.01	0.48	0.65		2.23	17.0	< 0.01	16.2	0.15		13.6

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.39	0.01		1.41	0.027		3.08	16.1	1.0	< 0.01	1.25	0.06		0.60	12.1	< 0.01	20.1	0.15	< 0.005	2.37
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											44.8										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.51	< 0.01	0.003	0.93		< 0.01	0.034	3.12	1.5	0.48	0.46	0.04				< 0.01	36.5	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468324 Orig	< 2	< 5	< 5																				
B468324 Dup	< 2	< 5	6																				
B468325 Orig				0.43	< 0.01	< 0.001	0.12	0.014	0.54	< 0.005	7.50	< 0.1	< 0.01	24.5	0.08	0.184	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
B468325 Dup				0.43	< 0.01	< 0.001	0.13	0.014	0.55	< 0.005	7.52	< 0.1	< 0.01	24.7	0.08	0.184	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
B468331 Orig				0.76	< 0.01	< 0.001	0.74	0.012	0.43	< 0.005	7.54	< 0.1	< 0.01	23.4	0.08	0.174	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
B468331 Dup				0.74	< 0.01	< 0.001	0.88	0.012	0.44	< 0.005	7.54	< 0.1	< 0.01	23.4	0.08	0.175	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
B468333 Orig	< 2	20	14																				
B468333 Dup	< 2	19	13																				
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	0.04	< 0.01	0.008	< 0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	3	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11685**
Report Date: **20-Aug-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-20 10:25:30
Weight Rpt (kg)-Timmins	Received Weights	2021-08-12 11:50:10

REPORT **A21-11685**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11685**
Report Date: **20-Aug-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-09 15:44:45

REPORT **A21-11685**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468437	< 2	5	< 5	1.67	0.82	< 0.01	< 0.001	0.34	0.011	0.94	< 0.005	5.51	< 0.1	< 0.01	24.9	0.07	0.199	< 0.01	0.01	< 0.01	17.0	0.04	< 0.005
B468438	< 2	< 5	< 5	2.45	0.89	< 0.01	< 0.001	1.22	0.011	1.00	< 0.005	5.60	< 0.1	< 0.01	23.8	0.08	0.192	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005
B468439	< 2	< 5	< 5	1.42	1.56	< 0.01	< 0.001	1.18	0.012	0.93	< 0.005	5.91	< 0.1	< 0.01	22.7	0.13	0.161	< 0.01	< 0.01	< 0.01	18.0	0.11	< 0.005
B468440	2	< 5	< 5	1.82	1.67	< 0.01	< 0.001	0.46	0.012	0.53	< 0.005	6.08	0.1	< 0.01	23.0	0.13	0.161	< 0.01	< 0.01	< 0.01	18.9	0.08	< 0.005
B468441	< 2	< 5	< 5	1.69	1.16	< 0.01	< 0.001	0.69	0.011	0.44	< 0.005	5.98	< 0.1	< 0.01	23.6	0.08	0.176	< 0.01	0.02	< 0.01	18.4	0.06	< 0.005
B468442	< 2	< 5	< 5	1.93	0.94	< 0.01	< 0.001	0.73	0.011	0.89	< 0.005	6.27	< 0.1	< 0.01	24.1	0.09	0.207	< 0.01	< 0.01	< 0.01	17.1	0.06	< 0.005
B468443	4	12	< 5	1.70	0.89	< 0.01	< 0.001	0.27	0.011	1.01	< 0.005	5.66	< 0.1	< 0.01	24.6	0.08	0.219	< 0.01	0.01	< 0.01	16.8	0.04	< 0.005
B468444	3	< 5	6	1.69	0.82	< 0.01	< 0.001	0.91	0.010	0.98	< 0.005	5.77	< 0.1	< 0.01	24.2	0.08	0.231	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005
B468445	6	13	13	0.0660	4.01	0.01	< 0.001	3.19	0.008	0.12	0.005	5.53	0.6	< 0.01	13.9	0.12	0.220	< 0.01	0.30	< 0.01	23.1	0.18	< 0.005
B468446	4	10	< 5	1.69	0.88	< 0.01	< 0.001	0.58	0.010	0.94	< 0.005	5.77	< 0.1	< 0.01	23.9	0.09	0.269	< 0.01	0.06	< 0.01	17.3	0.04	< 0.005
B468447	6	13	< 5	1.76	0.84	< 0.01	< 0.001	0.90	0.009	0.95	< 0.005	6.09	< 0.1	< 0.01	24.2	0.09	0.268	< 0.01	0.07	< 0.01	16.5	0.04	< 0.005
B468448	6	26	13	1.55	0.84	< 0.01	< 0.001	1.20	0.008	0.93	< 0.005	6.58	< 0.1	< 0.01	23.8	0.08	0.283	< 0.01	0.07	< 0.01	16.4	0.04	< 0.005
B468449	18	54	21	1.60	0.77	< 0.01	< 0.001	0.46	0.010	0.97	< 0.005	5.71	< 0.1	< 0.01	24.5	0.09	0.446	< 0.01	0.13	< 0.01	17.0	0.04	< 0.005
B468450	15	32	6	1.74	0.79	< 0.01	< 0.001	0.60	0.019	0.91	< 0.005	6.14	< 0.1	< 0.01	24.2	0.09	0.485	< 0.01	0.16	< 0.01	16.4	0.04	< 0.005
B468451	7	28	10	1.67	0.75	< 0.01	< 0.001	0.19	0.016	0.94	< 0.005	5.84	< 0.1	< 0.01	24.8	0.09	0.451	< 0.01	0.14	< 0.01	17.3	0.04	< 0.005
B468452	< 2	19	6	1.76	0.88	< 0.01	< 0.001	0.11	0.010	0.85	< 0.005	6.31	< 0.1	< 0.01	24.8	0.10	0.305	< 0.01	0.07	< 0.01	17.4	0.05	< 0.005
B468453	< 2	< 5	< 5	0.120	12.7	< 0.01	< 0.001	0.28	< 0.002	< 0.01	< 0.005	0.99	3.9	< 0.01	0.06	0.01	< 0.005	< 0.01	< 0.01	< 0.01	28.2	< 0.01	< 0.005
B468454	3	22	12	1.61	0.82	< 0.01	< 0.001	0.04	0.011	0.86	< 0.005	6.16	< 0.1	< 0.01	24.9	0.10	0.276	< 0.01	0.05	< 0.01	17.5	0.04	< 0.005
B468455	6	17	6	1.90	0.78	< 0.01	< 0.001	0.12	0.011	0.84	< 0.005	6.00	< 0.1	< 0.01	24.9	0.10	0.264	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005
B468456	< 2	18	< 5	0.000	0.82	< 0.01	< 0.001	0.11	0.011	0.86	< 0.005	5.96	< 0.1	< 0.01	24.7	0.10	0.265	< 0.01	0.05	< 0.01	17.4	0.04	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468437	< 0.01
B468438	< 0.01
B468439	< 0.01
B468440	< 0.01
B468441	< 0.01
B468442	< 0.01
B468443	< 0.01
B468444	< 0.01
B468445	0.01
B468446	< 0.01
B468447	< 0.01
B468448	< 0.01
B468449	< 0.01
B468450	< 0.01
B468451	< 0.01
B468452	< 0.01
B468453	< 0.01
B468454	< 0.01
B468455	< 0.01
B468456	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.53				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.04	0.013	1.55	< 0.005				31.1	0.08	0.374	< 0.01		< 0.01	18.7			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.011					1.03	< 0.005	< 0.01			15.8		0.351	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.02	0.031	9.26					0.701		1.68					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.122	13.6					3.20		7.60		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.008	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.03			0.010		0.391							0.18	33.9		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.19	0.11			0.031		23.7	31.6			0.72	0.01		0.71	35.7	0.01				2.93
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4700	2050	1360																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1880	1690	235																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1730	242																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.92	0.19		3.26	0.155	0.03	0.339	29.7	0.3	< 0.01	2.63	0.07	11.6	0.01	21.6	< 0.01	9.09	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.88	0.03	< 0.001	1.24	0.002		0.025	11.6	3.3	< 0.01	0.48	0.65		2.23	17.0	< 0.01	16.2	0.15		13.6
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.39	0.01		1.41	0.027		3.08	16.1	1.0	< 0.01	1.25	0.06		0.60	12.1	< 0.01	20.1	0.15	< 0.005	2.37
OREAS 624				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.00045	2.41

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Cert																						8	
AMIS 0346 (Peroxide Fusion) Meas											44.8										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.51	< 0.01	0.003	0.93		< 0.01	0.034	3.12	1.5	0.48	0.46	0.04				< 0.01	36.5	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468446 Orig	3	11	< 5																				
B468446 Dup	5	10	< 5																				
B468456 Orig	2	18	< 5	0.82	< 0.01	< 0.001	0.13	0.011	0.86	< 0.005	5.97	< 0.1	< 0.01	24.8	0.10	0.267	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
B468456 Dup	< 2	18	7	0.83	< 0.01	< 0.001	0.10	0.011	0.86	< 0.005	5.94	< 0.1	< 0.01	24.7	0.10	0.264	< 0.01	0.05	< 0.01	17.3	0.04	< 0.005	< 0.01
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	0.04	< 0.01	0.008	< 0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	2	< 5	5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11689**
Report Date: **02-Sep-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-09 15:44:45

REPORT **A21-11689**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11689**
Report Date: **02-Sep-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-26 10:01:45
Specific Gravity Core-Timmins	- Core	2021-07-27 11:12:11
Weight Rpt (kg)-Timmins	Received Weights	2021-08-12 11:50:39

REPORT **A21-11689**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Spec Grav Core	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti
Unit Symbol	ppb	ppb	ppb	-	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	GRAV	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468417	3	< 5	< 5		1.65	0.92	< 0.01	< 0.001	1.29	0.011	0.84	< 0.005	5.77	< 0.1	< 0.01	23.7	0.07	0.235	< 0.01	0.05	< 0.01	17.1	0.04
B468418	< 2	< 5	< 5		1.48	0.64	< 0.01	< 0.001	0.11	0.011	0.96	< 0.005	5.60	< 0.1	< 0.01	25.2	0.09	0.248	< 0.01	0.01	< 0.01	16.6	0.03
B468419	< 2	< 5	< 5		1.62	0.56	< 0.01	< 0.001	0.21	0.012	0.91	< 0.005	5.64	< 0.1	< 0.01	25.5	0.09	0.254	< 0.01	0.02	< 0.01	17.0	0.03
B468420	< 2	< 5	< 5		1.74	0.71	< 0.01	< 0.001	0.49	0.012	0.94	< 0.005	5.58	< 0.1	< 0.01	25.0	0.09	0.239	< 0.01	0.03	< 0.01	17.1	0.03
B468421	< 2	< 5	< 5		1.65	0.65	< 0.01	< 0.001	0.22	0.011	0.92	< 0.005	5.41	< 0.1	< 0.01	25.5	0.09	0.247	< 0.01	0.03	< 0.01	16.9	0.03
B468422	4	< 5	< 5		1.73	0.65	< 0.01	< 0.001	0.47	0.012	0.93	< 0.005	5.50	< 0.1	< 0.01	25.2	0.09	0.236	< 0.01	0.02	< 0.01	16.5	0.03
B468423	4	9	10		0.0660	4.00	0.02	< 0.001	3.07	0.009	0.12	0.006	5.55	0.6	< 0.01	14.2	0.12	0.226	< 0.01	0.31	< 0.01	23.8	0.18
B468424	< 2	< 5	< 5		1.60	0.57	< 0.01	< 0.001	0.33	0.012	0.86	< 0.005	5.29	< 0.1	< 0.01	25.3	0.08	0.216	< 0.01	0.02	< 0.01	17.2	0.03
B468425	< 2	< 5	< 5		1.44	0.88	< 0.01	< 0.001	0.77	0.012	0.85	< 0.005	6.18	< 0.1	< 0.01	24.3	0.09	0.253	< 0.01	0.06	< 0.01	16.2	0.04
B468426	< 2	< 5	< 5		1.80	0.65	< 0.01	< 0.001	0.34	0.012	0.84	< 0.005	5.56	< 0.1	< 0.01	25.0	0.08	0.224	< 0.01	0.02	< 0.01	16.9	0.04
B468427	2	< 5	< 5		2.03	0.70	< 0.01	< 0.001	4.60	0.010	0.62	< 0.005	4.59	< 0.1	< 0.01	22.5	0.09	0.182	< 0.01	0.03	< 0.01	14.7	0.03
B468428	< 2	< 5	< 5		1.63	0.85	< 0.01	< 0.001	0.93	0.011	0.85	< 0.005	5.43	< 0.1	< 0.01	24.0	0.09	0.239	< 0.01	0.06	< 0.01	16.8	0.04
B468429	< 2	< 5	7		1.80	0.88	< 0.01	< 0.001	0.27	0.012	0.85	< 0.005	5.36	< 0.1	< 0.01	25.0	0.09	0.239	< 0.01	0.04	< 0.01	16.6	0.04
B468430	< 2	< 5	< 5		0.120	12.6	< 0.01	< 0.001	0.29	< 0.002	< 0.01	< 0.005	0.56	3.9	< 0.01	0.08	0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.8	< 0.01
B468431	< 2	< 5	< 5		2.04	0.64	< 0.01	< 0.001	0.36	0.012	0.84	< 0.005	5.64	< 0.1	< 0.01	25.1	0.08	0.225	< 0.01	0.03	< 0.01	16.6	0.03
B468432	< 2	< 5	< 5	2.53	1.70	0.70	< 0.01	< 0.001	0.54	0.012	0.85	< 0.005	5.51	< 0.1	< 0.01	25.0	0.08	0.207	< 0.01	0.02	< 0.01	16.3	0.04
B468433	< 2	< 5	5		1.56	0.71	< 0.01	< 0.001	0.61	0.011	0.68	< 0.005	5.82	< 0.1	< 0.01	24.5	0.07	0.191	< 0.01	0.03	< 0.01	17.2	0.04
B468434	2	< 5	6		1.69	0.70	< 0.01	< 0.001	0.34	0.012	1.14	< 0.005	5.43	< 0.1	< 0.01	25.3	0.08	0.204	< 0.01	0.02	< 0.01	16.7	0.03
B468435	3	< 5	8		0.000	0.70	< 0.01	< 0.001	0.36	0.012	1.16	< 0.005	5.51	< 0.1	< 0.01	25.2	0.08	0.205	< 0.01	0.02	< 0.01	16.9	0.03
B468436	< 2	< 5	< 5		1.58	0.73	< 0.01	< 0.001	0.48	0.012	1.01	< 0.005	5.80	< 0.1	< 0.01	25.2	0.08	0.199	< 0.01	0.05	< 0.01	16.2	0.04

Analyte Symbol	W	Zn
Unit Symbol	%	%
Lower Limit	0.005	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
B468417	< 0.005	< 0.01
B468418	< 0.005	< 0.01
B468419	< 0.005	< 0.01
B468420	< 0.005	< 0.01
B468421	< 0.005	< 0.01
B468422	< 0.005	< 0.01
B468423	< 0.005	0.01
B468424	< 0.005	< 0.01
B468425	< 0.005	< 0.01
B468426	< 0.005	< 0.01
B468427	< 0.005	< 0.01
B468428	< 0.005	< 0.01
B468429	< 0.005	< 0.01
B468430	< 0.005	< 0.01
B468431	< 0.005	< 0.01
B468432	< 0.005	< 0.01
B468433	< 0.005	< 0.01
B468434	< 0.005	< 0.01
B468435	< 0.005	< 0.01
B468436	< 0.005	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.65														3.53				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.04	0.013	1.55	< 0.005				31.1	0.08	0.374	< 0.01		< 0.01	18.7			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.011					1.03	< 0.005	< 0.01			15.8		0.351	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.02	0.031	9.26					0.701		1.68					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.122	13.6					3.20		7.60		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							20.2	0.01				17.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.008	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.03			0.010		0.391							0.18	33.9		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.19	0.11			0.031		23.7	31.6			0.72	0.01		0.71	35.7	0.01				2.93
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4390	1900	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4380	1950	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1960	1770	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1920	1650	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1720	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.92	0.19		3.26	0.155	0.03	0.339	29.7	0.3	< 0.01	2.63	0.07	11.6	0.01	21.6	< 0.01	9.09	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139				3.88	0.03	< 0.001	1.24	0.002		0.025	11.6	3.3	< 0.01	0.48	0.65		2.23	17.0	< 0.01	16.2	0.15		13.6

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.39	0.01		1.41	0.027		3.08	16.1	1.0	< 0.01	1.25	0.06		0.60	12.1	< 0.01	20.1	0.15	< 0.005	2.37
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											44.8										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.51	< 0.01	0.003	0.93		< 0.01	0.034	3.12	1.5	0.48	0.46	0.04				< 0.01	36.5	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468426 Orig	< 2	< 5	< 5																				
B468426 Dup	< 2	< 5	< 5																				
B468431 Orig				0.65	< 0.01	< 0.001	0.35	0.012	0.84	< 0.005	5.63	< 0.1	< 0.01	25.2	0.08	0.225	< 0.01	0.02	< 0.01	16.4	0.03	< 0.005	< 0.01
B468431 Dup				0.64	< 0.01	< 0.001	0.38	0.012	0.84	< 0.005	5.65	< 0.1	< 0.01	24.9	0.08	0.224	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
B468436 Orig	< 2	< 5	< 5																				
B468436 Dup	< 2	< 5	< 5																				
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	0.04	< 0.01	0.008	< 0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	3	< 5	6																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	6																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11692**
Report Date: **02-Sep-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-27 15:27:56

REPORT **A21-11692**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11692**
Report Date: **02-Sep-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-26 10:01:45
Specific Gravity Core-Timmins	- Core	2021-07-26 13:09:40
Weight Rpt (kg)-Timmins	Received Weights	2021-08-12 11:51:10

REPORT **A21-11692**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Spec Grav Core	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti
Unit Symbol	ppb	ppb	ppb	Kg	-	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	none	GRAV	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468397	< 2	< 5	< 5	1.63		0.56	< 0.01	< 0.001	0.29	0.012	0.90	< 0.005	5.60	< 0.1	< 0.01	25.2	0.09	0.241	< 0.01	0.05	< 0.01	16.3	0.03
B468398	< 2	< 5	< 5	1.71	2.46	0.59	< 0.01	< 0.001	0.41	0.010	0.97	< 0.005	5.30	< 0.1	< 0.01	25.4	0.09	0.252	< 0.01	0.05	< 0.01	16.2	0.03
B468399	< 2	< 5	< 5	1.71		0.62	< 0.01	< 0.001	0.45	0.011	0.86	< 0.005	5.66	< 0.1	< 0.01	25.1	0.09	0.250	< 0.01	0.05	< 0.01	16.0	0.03
B468400	< 2	< 5	< 5	1.62		0.58	< 0.01	< 0.001	0.39	0.011	0.93	< 0.005	5.50	< 0.1	< 0.01	25.6	0.09	0.254	< 0.01	0.05	< 0.01	16.1	0.03
B468401	< 2	< 5	< 5	1.65		0.66	< 0.01	< 0.001	0.36	0.011	0.92	< 0.005	5.57	< 0.1	< 0.01	25.3	0.08	0.247	< 0.01	0.05	< 0.01	16.4	0.04
B468402	< 2	< 5	< 5	1.72		0.64	< 0.01	< 0.001	0.69	0.011	0.84	< 0.005	5.41	< 0.1	< 0.01	25.6	0.09	0.249	< 0.01	0.05	< 0.01	16.3	0.04
B468403	< 2	< 5	< 5	1.67		0.60	< 0.01	< 0.001	0.04	0.011	0.94	< 0.005	5.32	< 0.1	< 0.01	25.9	0.08	0.255	< 0.01	0.05	< 0.01	16.6	0.04
B468404	6	11	< 5	0.0660		3.95	0.01	< 0.001	3.20	0.008	0.12	0.007	5.68	0.6	< 0.01	14.1	0.12	0.218	< 0.01	0.29	< 0.01	22.7	0.18
B468405	< 2	< 5	< 5	0.876		0.52	< 0.01	< 0.001	0.20	0.011	0.94	< 0.005	4.90	< 0.1	< 0.01	25.8	0.09	0.258	< 0.01	0.05	< 0.01	16.7	0.03
B468406	< 2	< 5	< 5	1.89		0.55	< 0.01	< 0.001	1.06	0.011	0.77	< 0.005	5.37	< 0.1	< 0.01	25.5	0.09	0.246	< 0.01	0.05	< 0.01	15.2	0.03
B468407	< 2	< 5	< 5	1.56		0.64	< 0.01	< 0.001	0.83	0.010	0.83	< 0.005	5.32	< 0.1	< 0.01	25.1	0.08	0.257	< 0.01	0.05	< 0.01	16.3	0.03
B468408	< 2	< 5	< 5	0.120		12.5	< 0.01	< 0.001	0.28	< 0.002	< 0.01	< 0.005	0.82	4.0	< 0.01	0.05	0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.9	< 0.01
B468409	< 2	< 5	< 5	1.94		0.60	< 0.01	< 0.001	0.96	0.011	0.89	< 0.005	5.55	< 0.1	< 0.01	24.8	0.09	0.268	< 0.01	0.06	< 0.01	15.8	0.03
B468410	< 2	< 5	< 5	0.000		0.58	< 0.01	< 0.001	0.81	0.012	0.90	< 0.005	5.60	< 0.1	< 0.01	25.3	0.09	0.277	< 0.01	0.06	< 0.01	15.8	0.03
B468411	< 2	< 5	< 5	1.93		0.60	< 0.01	< 0.001	0.36	0.011	0.88	< 0.005	5.59	< 0.1	< 0.01	25.6	0.08	0.244	< 0.01	0.05	< 0.01	15.9	0.03
B468412	< 2	< 5	< 5	1.58		0.58	< 0.01	< 0.001	0.26	0.011	0.86	< 0.005	5.42	< 0.1	< 0.01	25.4	0.08	0.245	< 0.01	0.05	< 0.01	16.4	0.03
B468413	< 2	54	< 5	1.65		0.67	< 0.01	< 0.001	0.87	0.010	0.80	< 0.005	5.77	< 0.1	< 0.01	24.6	0.08	0.328	< 0.01	0.07	< 0.01	16.0	0.03
B468414	< 2	< 5	< 5	1.63		0.74	< 0.01	< 0.001	0.48	0.011	0.86	< 0.005	5.57	< 0.1	< 0.01	25.1	0.09	0.247	< 0.01	0.03	< 0.01	16.1	0.03
B468415	< 2	< 5	< 5	1.68		0.60	< 0.01	< 0.001	0.08	0.012	0.90	< 0.005	5.54	< 0.1	< 0.01	25.5	0.08	0.246	< 0.01	0.02	< 0.01	16.4	0.03
B468416	< 2	< 5	< 5	1.74		0.59	< 0.01	< 0.001	0.86	0.010	0.81	< 0.005	5.33	< 0.1	< 0.01	25.3	0.11	0.230	< 0.01	0.02	< 0.01	15.2	0.03

Analyte Symbol	W	Zn
Unit Symbol	%	%
Lower Limit	0.005	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
B468397	< 0.005	< 0.01
B468398	< 0.005	< 0.01
B468399	< 0.005	< 0.01
B468400	< 0.005	< 0.01
B468401	< 0.005	< 0.01
B468402	< 0.005	< 0.01
B468403	< 0.005	< 0.01
B468404	< 0.005	0.01
B468405	< 0.005	< 0.01
B468406	< 0.005	< 0.01
B468407	< 0.005	< 0.01
B468408	< 0.005	< 0.01
B468409	< 0.005	< 0.01
B468410	< 0.005	< 0.01
B468411	< 0.005	< 0.01
B468412	< 0.005	< 0.01
B468413	< 0.005	< 0.01
B468414	< 0.005	< 0.01
B468415	< 0.005	< 0.01
B468416	< 0.005	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.67														3.54				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.08	0.013	1.55	< 0.005				31.9	0.09	0.372	< 0.01		< 0.01	19.0			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.007					1.07	< 0.005	< 0.01			16.5		0.362	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.018	0.02	0.031	9.42					0.695		1.64					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.121	13.7					3.20		7.37		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.138	12.1							20.0	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.06	0.03			0.010		0.387							0.18	33.1		0.26			55.2
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.11			0.031		23.6	31.7			0.71	0.01		0.71	36.1	0.01				3.02
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4390	1900	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4380	1950	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1960	1770	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1920	1650	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1720	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.89	0.19		3.28	0.159	0.03	0.322	29.6	0.4	< 0.01	2.63	0.07	11.6	0.01	22.1	< 0.01	9.29	0.06	< 0.005	0.03
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139				3.85	0.03	< 0.001	1.24	0.003		0.026	11.8	3.2	< 0.01	0.49	0.65		2.28	16.5	< 0.01	15.9	0.16		13.9

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.40	0.01		1.55	0.027		3.14	16.4	0.9	< 0.01	1.32	0.07		0.62	13.0	< 0.01	20.0	0.15	< 0.005	2.39
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											45.2										14.9		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.52	< 0.01	0.003	0.82		< 0.01	0.034	3.07	1.5	0.50	0.46	0.04				< 0.01	36.3	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468406 Orig	< 2	< 5	< 5																				
B468406 Dup	< 2	< 5	< 5																				
B468407 Orig				0.64	< 0.01	< 0.001	0.84	0.010	0.83	< 0.005	5.33	< 0.1	< 0.01	25.0	0.08	0.258	< 0.01	0.05	< 0.01	16.2	0.03	< 0.005	< 0.01
B468407 Dup				0.65	< 0.01	< 0.001	0.83	0.010	0.82	< 0.005	5.31	< 0.1	< 0.01	25.3	0.08	0.256	< 0.01	0.05	< 0.01	16.4	0.03	< 0.005	< 0.01
B468413 Orig				0.66	< 0.01	< 0.001	0.88	0.010	0.80	< 0.005	5.75	< 0.1	< 0.01	24.3	0.08	0.329	< 0.01	0.07	< 0.01	15.8	0.03	< 0.005	< 0.01
B468413 Dup				0.68	< 0.01	< 0.001	0.86	0.010	0.80	< 0.005	5.79	< 0.1	< 0.01	25.0	0.08	0.328	< 0.01	0.07	< 0.01	16.2	0.03	< 0.005	< 0.01
B468416 Orig	< 2	< 5	< 5																				
B468416 Dup	< 2	< 5	< 5																				
Method Blank	3	< 5	6																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	6																				
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11694**
Report Date: **02-Sep-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-26 10:01:45
Weight Rpt (kg)-Timmins	Received Weights	2021-08-30 10:17:44

REPORT **A21-11694**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11694**
Report Date: **02-Sep-21**
Date Submitted: **23-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-26 08:17:14

REPORT **A21-11694**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468377	< 2	29	24	3.25	0.77	< 0.01	< 0.001	1.72	0.014	0.43	< 0.005	7.76	< 0.1	< 0.01	22.5	0.10	0.145	< 0.01	0.02	< 0.01	16.8	0.04	< 0.005
B468378	4	93	45	3.41	0.69	< 0.01	< 0.001	1.98	0.017	0.45	< 0.005	8.30	< 0.1	< 0.01	22.3	0.10	0.232	< 0.01	0.05	< 0.01	16.7	0.04	< 0.005
B468379	7	95	41	3.26	0.78	< 0.01	< 0.001	0.81	0.016	0.43	< 0.005	8.50	< 0.1	< 0.01	22.8	0.09	0.286	< 0.01	0.07	< 0.01	17.1	0.04	< 0.005
B468380	12	50	43	2.47	0.77	< 0.01	< 0.001	1.38	0.014	0.42	< 0.005	7.97	< 0.1	< 0.01	23.1	0.09	0.160	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005
B468381	< 2	26	21	2.99	0.67	< 0.01	< 0.001	2.24	0.012	0.48	< 0.005	7.10	< 0.1	< 0.01	22.8	0.10	0.180	< 0.01	0.03	< 0.01	16.7	0.06	< 0.005
B468382	< 2	< 5	< 5	2.57	0.89	< 0.01	< 0.001	3.52	0.011	0.85	< 0.005	5.86	< 0.1	< 0.01	22.2	0.12	0.220	< 0.01	0.04	< 0.01	15.9	0.11	< 0.005
B468383	< 2	< 5	< 5	2.88	0.73	< 0.01	< 0.001	2.52	0.009	0.70	< 0.005	4.62	< 0.1	< 0.01	23.6	0.08	0.201	< 0.01	0.05	< 0.01	16.6	0.06	< 0.005
B468384	4	40	35	0.0660	7.39	< 0.01	< 0.001	6.02	0.018	0.02	0.033	9.52	0.6	< 0.01	4.02	0.11	0.706	< 0.01	1.62	< 0.01	23.1	0.99	< 0.005
B468385	< 2	< 5	< 5	3.16	0.89	< 0.01	< 0.001	2.81	0.010	0.73	< 0.005	5.48	< 0.1	< 0.01	22.9	0.19	0.210	< 0.01	0.06	< 0.01	15.8	0.19	< 0.005
B468386	< 2	< 5	< 5	3.55	0.80	< 0.01	< 0.001	1.54	0.011	0.91	< 0.005	5.83	< 0.1	< 0.01	23.8	0.09	0.260	< 0.01	0.07	< 0.01	16.4	0.06	< 0.005
B468387	< 2	< 5	< 5	0.120	12.3	< 0.01	< 0.001	0.18	< 0.002	< 0.01	< 0.005	0.68	4.0	< 0.01	0.15	0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.6	< 0.01	< 0.005
B468388	< 2	< 5	< 5	3.46	0.65	< 0.01	< 0.001	1.46	0.011	0.89	< 0.005	5.57	< 0.1	< 0.01	24.3	0.09	0.259	< 0.01	0.06	< 0.01	16.5	0.05	< 0.005
B468389	< 2	< 5	< 5	3.00	0.57	< 0.01	< 0.001	1.00	0.011	0.88	< 0.005	5.35	< 0.1	< 0.01	24.9	0.09	0.244	< 0.01	0.05	< 0.01	16.6	0.04	< 0.005
B468390	< 2	< 5	< 5	3.48	0.73	< 0.01	< 0.001	1.99	0.011	0.94	< 0.005	5.33	< 0.1	< 0.01	23.9	0.09	0.252	< 0.01	0.05	< 0.01	16.1	0.04	< 0.005
B468391	< 2	< 5	< 5	2.89	0.57	< 0.01	< 0.001	1.56	0.011	0.90	< 0.005	5.12	< 0.1	< 0.01	24.6	0.09	0.248	< 0.01	0.04	< 0.01	16.2	0.03	< 0.005
B468392	< 2	< 5	< 5	3.22	0.57	< 0.01	< 0.001	0.54	0.011	0.92	< 0.005	5.61	< 0.1	< 0.01	24.6	0.08	0.242	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005
B468393	4	< 5	< 5	0.000	0.55	< 0.01	< 0.001	0.50	0.011	0.96	< 0.005	5.60	< 0.1	< 0.01	25.2	0.08	0.249	< 0.01	0.04	< 0.01	16.9	0.03	< 0.005
B468394	< 2	< 5	< 5	3.44	0.53	< 0.01	< 0.001	0.44	0.011	0.92	< 0.005	5.67	< 0.1	< 0.01	25.2	0.08	0.239	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005
B468395	< 2	< 5	< 5	3.61	0.49	< 0.01	< 0.001	0.44	0.012	1.26	< 0.005	5.98	< 0.1	< 0.01	25.1	0.09	0.250	< 0.01	0.05	< 0.01	16.2	0.03	< 0.005
B468396	< 2	< 5	< 5	2.99	0.61	< 0.01	< 0.001	0.35	0.012	0.98	< 0.005	5.78	< 0.1	< 0.01	25.1	0.08	0.248	< 0.01	0.05	< 0.01	16.8	0.03	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468377	< 0.01
B468378	< 0.01
B468379	< 0.01
B468380	< 0.01
B468381	< 0.01
B468382	< 0.01
B468383	< 0.01
B468384	0.01
B468385	< 0.01
B468386	< 0.01
B468387	< 0.01
B468388	< 0.01
B468389	< 0.01
B468390	< 0.01
B468391	< 0.01
B468392	< 0.01
B468393	< 0.01
B468394	< 0.01
B468395	< 0.01
B468396	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.64														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.25			0.06	0.013	1.58	< 0.005				31.2	0.08	0.369	< 0.01		< 0.01	19.1			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.009					1.08	< 0.005	< 0.01			16.1		0.360	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.02	0.031	9.46					0.707		1.66					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.124	14.1					3.30		7.49		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.133	12.1							19.8	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.86									0.008	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.06	0.03			0.010		0.375							0.18	32.8		0.26			55.4
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.11			0.031		23.3	31.8			0.73	0.01		0.71	36.3	0.01				3.03
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4390	1900	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4380	1950	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1960	1770	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1920	1650	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1720	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.89	0.19		3.16	0.160	0.03	0.338	29.7	0.4	< 0.01	2.66	0.07	11.4	0.01	22.0	< 0.01	9.30	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139				3.86	0.03	< 0.001	1.17	0.004		0.030	10.9	3.3	< 0.01	0.50	0.63		2.18	16.1	< 0.01	16.2	0.15		12.5

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.26	< 0.01		1.47	0.026		3.14	15.8	1.0	< 0.01	1.25	0.06		0.60	12.5	< 0.01	20.2	0.15	< 0.005	2.33
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion) Meas											41.8										15.0		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.16	< 0.01	0.003	0.95		< 0.01	0.036	3.12	1.4	0.46	0.50	0.04				< 0.01	35.7	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468381 Orig				0.67	< 0.01	< 0.001	2.21	0.012	0.48	< 0.005	7.09	< 0.1	< 0.01	22.7	0.10	0.182	< 0.01	0.03	< 0.01	16.6	0.07	< 0.005	< 0.01
B468381 Dup				0.68	< 0.01	< 0.001	2.26	0.012	0.48	< 0.005	7.12	< 0.1	< 0.01	22.8	0.10	0.179	< 0.01	0.03	< 0.01	16.9	0.06	< 0.005	< 0.01
B468386 Orig	< 2	< 5	< 5																				
B468386 Dup	< 2	< 5	< 5																				
B468396 Orig	< 2	< 5	< 5																				
B468396 Dup	< 2	< 5	< 5																				
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	0.03	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	3	< 5	6																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	6																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11764**
Report Date: **02-Sep-21**
Date Submitted: **24-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-06 15:54:17

REPORT **A21-11764**

Notes:

SCC Accredited LAB
LAB Accrédité CCN
TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11764**
Report Date: **02-Sep-21**
Date Submitted: **24-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-26 10:01:45
Weight Rpt (kg)-Timmins	Received Weights	2021-08-24 10:51:55

REPORT **A21-11764**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468497	3	12	< 5	1.60	0.82	< 0.01	< 0.001	< 0.01	0.013	0.67	< 0.005	7.94	< 0.1	< 0.01	23.5	0.13	0.225	< 0.01	0.02	< 0.01	16.5	0.04	< 0.005
B468498	< 2	16	6	1.61	0.72	< 0.01	< 0.001	< 0.01	0.013	0.66	< 0.005	8.14	< 0.1	< 0.01	23.6	0.14	0.227	< 0.01	0.02	< 0.01	16.6	0.04	< 0.005
B468499	12	9	< 5	0.0660	3.80	0.01	< 0.001	3.07	0.008	0.12	< 0.005	5.61	0.6	< 0.01	14.1	0.11	0.223	< 0.01	0.27	< 0.01	21.9	0.18	< 0.005
B468500	4	10	9	1.89	0.90	< 0.01	< 0.001	0.08	0.013	0.58	< 0.005	8.28	< 0.1	< 0.01	23.4	0.14	0.220	< 0.01	0.02	< 0.01	16.5	0.05	< 0.005
B468501	< 2	18	7	1.61	1.02	< 0.01	< 0.001	< 0.01	0.012	0.59	< 0.005	7.48	< 0.1	< 0.01	24.1	0.13	0.196	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005
B468502	< 2	< 5	< 5	0.120	11.9	< 0.01	< 0.001	0.34	< 0.002	< 0.01	< 0.005	0.22	4.0	< 0.01	0.04	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.6	< 0.01	< 0.005
B468503	< 2	< 5	6	1.70	0.79	< 0.01	< 0.001	< 0.01	0.013	0.67	< 0.005	8.35	< 0.1	< 0.01	23.7	0.14	0.230	< 0.01	0.03	< 0.01	16.9	0.05	< 0.005
B468504	< 2	< 5	< 5	0.000	0.80	< 0.01	< 0.001	< 0.01	0.013	0.66	< 0.005	8.22	< 0.1	< 0.01	23.6	0.14	0.229	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005
B468505	2	5	< 5	1.59	0.83	< 0.01	< 0.001	< 0.01	0.014	0.69	< 0.005	7.92	< 0.1	< 0.01	23.6	0.14	0.218	< 0.01	0.02	< 0.01	16.6	0.05	< 0.005
B468506	< 2	< 5	< 5	2.04	0.64	< 0.01	< 0.001	0.56	0.011	0.95	< 0.005	5.42	< 0.1	< 0.01	24.8	0.07	0.256	< 0.01	0.05	< 0.01	16.4	0.03	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468497	< 0.01
B468498	< 0.01
B468499	0.01
B468500	< 0.01
B468501	< 0.01
B468502	< 0.01
B468503	< 0.01
B468504	< 0.01
B468505	< 0.01
B468506	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.20			0.05	0.013	1.56	< 0.005				30.9	0.08	0.370	< 0.01		< 0.01	18.2			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.007					1.07	< 0.005	< 0.01			16.4		0.364	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.03	0.030	9.64					0.710		1.72					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.115	13.8					3.16		7.40		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.012		0.134	12.3							20.1	0.01				17.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.007	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.03			0.011		0.402							0.18	33.3		0.31			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.11			0.031		24.0	32.0			0.70	0.01		0.71	35.8	0.01				3.06
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-27 Meas	4390	1900	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4380	1950	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1960	1770	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1920	1650	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1720	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.93	0.20		3.07	0.160	0.03	0.341	30.0	0.4	< 0.01	2.70	0.07	11.6	< 0.01	22.4	< 0.01	9.33	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139				3.72	0.03	< 0.001	1.18	0.003		0.023	11.8	3.2	< 0.01	0.49	0.65		2.23	15.9	< 0.01	15.6	0.16		13.5

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
(Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
AMIS 0346 (Peroxide Fusion) Meas											43.5										14.7		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.35	< 0.01	0.003	0.90		< 0.01	0.032	3.11	1.6	0.49	0.46	0.04				< 0.01	35.3	0.36	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468502 Orig				12.2	< 0.01	< 0.001	0.36	< 0.002	< 0.01	< 0.005	0.23	4.1	< 0.01	0.04	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	28.1	< 0.01	< 0.005	< 0.01
B468502 Dup				11.7	< 0.01	< 0.001	0.32	< 0.002	< 0.01	< 0.005	0.21	4.0	< 0.01	0.03	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.2	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.03	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	3	< 5	6																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	6																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11778**
Report Date: **02-Sep-21**
Date Submitted: **24-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-23 14:50:01
Weight Rpt (kg)-Timmins	Received Weights	2021-08-24 10:52:36

REPORT **A21-11778**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11778**
Report Date: **02-Sep-21**
Date Submitted: **24-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-27 15:27:56

REPORT **A21-11778**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W
Unit Symbol	ppb	ppb	ppb	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005
Method Code	FA-ICP	FA-ICP	FA-ICP	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468477	7	12	6	1.52	0.77	< 0.01	< 0.001	0.80	0.012	0.72	< 0.005	7.93	< 0.1	< 0.01	23.6	0.12	0.304	< 0.01	0.08	< 0.01	16.5	0.04	< 0.005
B468478	6	12	< 5	1.65	0.78	< 0.01	< 0.001	0.12	0.013	0.76	< 0.005	7.83	< 0.1	< 0.01	23.9	0.12	0.288	< 0.01	0.05	< 0.01	16.8	0.04	< 0.005
B468479	4	7	7	1.68	0.84	< 0.01	< 0.001	0.18	0.012	0.76	< 0.005	7.42	< 0.1	< 0.01	23.9	0.12	0.265	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005
B468480	3	14	10	1.65	0.75	< 0.01	< 0.001	0.57	0.014	0.68	< 0.005	8.23	< 0.1	< 0.01	23.9	0.13	0.267	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005
B468481	< 2	6	< 5	1.55	0.79	< 0.01	< 0.001	0.48	0.013	0.70	< 0.005	8.21	< 0.1	< 0.01	23.6	0.12	0.249	< 0.01	0.03	< 0.01	16.5	0.04	< 0.005
B468482	< 2	11	6	1.67	0.78	< 0.01	< 0.001	0.25	0.013	0.71	< 0.005	7.80	< 0.1	< 0.01	24.0	0.12	0.249	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005
B468483	4	41	41	0.0660	7.47	< 0.01	< 0.001	6.13	0.019	0.02	0.033	9.57	0.6	< 0.01	4.05	0.11	0.696	< 0.01	1.70	< 0.01	23.4	1.01	< 0.005
B468484	12	7	< 5	1.83	0.83	< 0.01	< 0.001	1.03	0.012	0.67	< 0.005	7.69	< 0.1	< 0.01	23.1	0.14	0.241	< 0.01	0.10	< 0.01	16.4	0.04	< 0.005
B468485	12	5	< 5	1.70	0.66	< 0.01	< 0.001	0.65	0.013	0.66	< 0.005	8.46	< 0.1	< 0.01	23.7	0.16	0.229	< 0.01	0.06	< 0.01	16.0	0.04	< 0.005
B468486	14	< 5	< 5	1.51	0.86	< 0.01	< 0.001	1.40	0.012	0.68	0.007	7.78	< 0.1	< 0.01	22.6	0.14	0.222	< 0.01	0.05	< 0.01	16.6	0.05	< 0.005
B468487	6	< 5	< 5	1.69	0.80	< 0.01	< 0.001	0.49	0.011	0.69	< 0.005	7.57	< 0.1	< 0.01	23.4	0.13	0.224	< 0.01	0.05	< 0.01	17.0	0.04	< 0.005
B468488	< 2	< 5	< 5	0.120	12.3	< 0.01	< 0.001	0.27	< 0.002	< 0.01	< 0.005	0.55	4.0	< 0.01	0.09	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.9	< 0.01	< 0.005
B468489	< 2	< 5	< 5	1.57	0.76	< 0.01	< 0.001	0.35	0.012	0.69	< 0.005	7.82	< 0.1	< 0.01	23.2	0.12	0.226	< 0.01	0.02	< 0.01	16.7	0.04	< 0.005
B468490	4	9	6	1.63	0.80	< 0.01	< 0.001	0.22	0.012	0.64	< 0.005	7.78	< 0.1	< 0.01	23.3	0.13	0.229	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005
B468491	2	< 5	< 5	1.54	0.87	< 0.01	< 0.001	0.69	0.010	0.68	< 0.005	7.15	< 0.1	< 0.01	22.4	0.12	0.226	< 0.01	0.05	< 0.01	16.9	0.04	< 0.005
B468492	3	< 5	< 5	1.66	0.74	< 0.01	< 0.001	< 0.01	0.012	0.69	< 0.005	7.67	< 0.1	< 0.01	23.3	0.13	0.221	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005
B468493	4	< 5	< 5	0.000	0.76	< 0.01	< 0.001	< 0.01	0.012	0.68	< 0.005	7.66	< 0.1	< 0.01	23.5	0.13	0.224	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005
B468494	< 2	12	< 5	1.66	0.79	< 0.01	< 0.001	< 0.01	0.013	0.67	< 0.005	8.10	< 0.1	< 0.01	23.6	0.13	0.230	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005
B468495	< 2	10	< 5	1.68	0.77	< 0.01	< 0.001	< 0.01	0.012	0.69	< 0.005	8.04	< 0.1	< 0.01	23.2	0.13	0.228	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005
B468496	6	9	< 5	1.63	0.82	< 0.01	< 0.001	< 0.01	0.013	0.68	< 0.005	8.00	< 0.1	< 0.01	23.6	0.13	0.227	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005

Analyte Symbol	Zn
Unit Symbol	%
Lower Limit	0.01
Method Code	FUS-Na2O2
B468477	< 0.01
B468478	< 0.01
B468479	< 0.01
B468480	< 0.01
B468481	< 0.01
B468482	< 0.01
B468483	0.01
B468484	< 0.01
B468485	< 0.01
B468486	< 0.01
B468487	< 0.01
B468488	< 0.01
B468489	< 0.01
B468490	< 0.01
B468491	< 0.01
B468492	< 0.01
B468493	< 0.01
B468494	< 0.01
B468495	< 0.01
B468496	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.67														3.54				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.08	0.013	1.55	< 0.005				31.9	0.09	0.372	< 0.01		< 0.01	19.0			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.007					1.07	< 0.005	< 0.01			16.5		0.362	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.018	0.02	0.031	9.42					0.695		1.64					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.121	13.7					3.20		7.37		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.011		0.138	12.1							20.0	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.06	0.03			0.010		0.387							0.18	33.1		0.26			55.2
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.11			0.031		23.6	31.7			0.71	0.01		0.71	36.1	0.01				3.02
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-30 Meas	1910	1650	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1710	1600	239																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.89	0.19		3.28	0.159	0.03	0.322	29.6	0.4	< 0.01	2.63	0.07	11.6	0.01	22.1	< 0.01	9.29	0.06	< 0.005	0.03
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.85	0.03	< 0.001	1.24	0.003		0.026	11.8	3.2	< 0.01	0.49	0.65		2.28	16.5	< 0.01	15.9	0.16		13.9
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
OREAS 624 (Peroxide Fusion) Meas				4.40	0.01		1.55	0.027		3.14	16.4	0.9	< 0.01	1.32	0.07		0.62	13.0	< 0.01	20.0	0.15	< 0.005	2.39
OREAS 624 (Peroxide Fusion) Cert				4.32	0.0115		1.49	0.0273		3.08	16.3	0.991	0.00103	1.31	0.0660		0.612	13.2	0.00720	20.5	0.146	0.000458	2.41
AMIS 0346 (Peroxide Fusion)											45.2										14.9		

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
Meas																							
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.52	< 0.01	0.003	0.82		< 0.01	0.034	3.07	1.5	0.50	0.46	0.04				< 0.01	36.3	0.35	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02
B468486 Orig	15	< 5	< 5																				
B468486 Dup	13	7	< 5																				
B468489 Orig				0.77	< 0.01	< 0.001	0.39	0.012	0.69	< 0.005	7.83	< 0.1	< 0.01	23.2	0.12	0.227	< 0.01	0.02	< 0.01	16.7	0.04	< 0.005	< 0.01
B468489 Dup				0.74	< 0.01	< 0.001	0.31	0.012	0.69	< 0.005	7.81	< 0.1	< 0.01	23.2	0.12	0.226	< 0.01	0.03	< 0.01	16.8	0.04	< 0.005	< 0.01
B468496 Orig	9	8	< 5																				
B468496 Dup	3	9	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.02	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-11780**
Report Date: **02-Sep-21**
Date Submitted: **24-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2021-08-06 15:54:17

REPORT **A21-11780**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-11780**
Report Date: **02-Sep-21**
Date Submitted: **24-Jun-21**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2021-08-26 10:01:45
Specific Gravity Core-Timmins	- Core	2021-07-27 11:12:11
Weight Rpt (kg)-Timmins	Received Weights	2021-08-24 10:53:09

REPORT **A21-11780**

Notes:

SCC Accredited LAB Accrédité CCN TM

LabID: 709

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Spec Grav Core	Received Weight	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti
Unit Symbol	ppb	ppb	ppb	-	Kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01		0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	GRAV	none	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468457	2	13	6		1.66	0.74	< 0.01	< 0.001	0.11	0.011	0.85	< 0.005	6.32	< 0.1	< 0.01	24.6	0.10	0.238	< 0.01	0.04	< 0.01	16.6	0.04
B468458	2	30	13		1.73	0.77	< 0.01	< 0.001	0.63	0.012	0.83	< 0.005	6.62	< 0.1	< 0.01	24.4	0.10	0.251	< 0.01	0.05	< 0.01	16.5	0.04
B468459	2	26	10		1.68	0.77	< 0.01	< 0.001	0.07	0.012	0.82	< 0.005	6.82	< 0.1	< 0.01	24.8	0.11	0.207	< 0.01	0.03	< 0.01	16.6	0.04
B468460	< 2	21	12		1.75	0.67	< 0.01	< 0.001	< 0.01	0.013	0.85	< 0.005	6.82	< 0.1	< 0.01	24.8	0.10	0.221	< 0.01	0.05	< 0.01	16.5	0.04
B468461	< 2	30	9		1.68	0.82	< 0.01	< 0.001	0.02	0.015	0.84	< 0.005	7.99	< 0.1	< 0.01	24.2	0.10	0.213	< 0.01	0.02	< 0.01	16.6	0.05
B468462	< 2	29	14		1.84	0.69	< 0.01	< 0.001	0.05	0.012	0.79	< 0.005	6.77	< 0.1	< 0.01	24.7	0.10	0.206	< 0.01	0.02	< 0.01	16.9	0.04
B468463	< 2	20	10		1.73	0.81	< 0.01	< 0.001	0.31	0.012	0.86	< 0.005	6.71	< 0.1	< 0.01	24.6	0.10	0.227	< 0.01	0.02	< 0.01	16.7	0.04
B468464	< 2	19	7		1.75	0.86	< 0.01	< 0.001	0.32	0.013	0.85	< 0.005	7.11	< 0.1	< 0.01	24.5	0.11	0.218	< 0.01	0.03	< 0.01	16.7	0.04
B468465	4	11	< 5		0.0660	3.95	0.02	< 0.001	3.00	0.008	0.13	< 0.005	5.66	0.7	< 0.01	14.3	0.12	0.226	< 0.01	0.31	< 0.01	23.0	0.19
B468466	< 2	< 5	< 5		1.94	0.83	< 0.01	< 0.001	0.46	0.013	0.81	< 0.005	6.94	< 0.1	< 0.01	24.4	0.11	0.207	< 0.01	0.02	< 0.01	16.7	0.05
B468467	< 2	10	< 5		1.58	0.75	< 0.01	< 0.001	0.30	0.013	0.83	< 0.005	7.12	< 0.1	< 0.01	24.3	0.11	0.232	< 0.01	0.03	< 0.01	16.8	0.04
B468468	< 2	11	5		1.72	0.88	< 0.01	< 0.001	0.52	0.013	0.85	< 0.005	7.24	< 0.1	< 0.01	23.9	0.11	0.252	< 0.01	0.05	< 0.01	16.8	0.04
B468469	< 2	< 5	< 5		0.120	12.4	< 0.01	< 0.001	0.26	< 0.002	< 0.01	< 0.005	0.64	4.0	< 0.01	0.14	0.01	< 0.005	< 0.01	< 0.01	< 0.01	27.5	< 0.01
B468470	< 2	11	5		1.62	0.78	< 0.01	< 0.001	0.20	0.014	0.89	< 0.005	7.69	< 0.1	< 0.01	24.6	0.12	0.265	< 0.01	0.02	< 0.01	16.6	0.05
B468471	2	7	< 5		1.75	0.83	< 0.01	< 0.001	0.10	0.013	0.78	< 0.005	7.33	< 0.1	< 0.01	24.1	0.11	0.252	< 0.01	0.03	< 0.01	17.1	0.05
B468472	5	6	7		1.49	0.81	< 0.01	< 0.001	0.84	0.013	0.76	< 0.005	7.88	< 0.1	< 0.01	23.5	0.12	0.273	< 0.01	0.12	< 0.01	16.0	0.04
B468473	20	19	< 5	2.58	1.64	0.87	< 0.01	< 0.001	0.09	0.012	0.77	< 0.005	7.46	< 0.1	< 0.01	23.8	0.12	0.346	< 0.01	0.28	< 0.01	16.9	0.06
B468474	13	22	17		1.53	0.78	< 0.01	< 0.001	0.23	0.013	0.76	< 0.005	7.44	< 0.1	< 0.01	24.5	0.11	0.314	< 0.01	0.06	< 0.01	17.3	0.04
B468475	10	14	10		0.000	0.73	< 0.01	< 0.001	0.21	0.012	0.78	< 0.005	7.46	< 0.1	< 0.01	24.4	0.11	0.320	< 0.01	0.06	< 0.01	16.9	0.04
B468476	9	13	< 5		1.62	0.76	< 0.01	< 0.001	0.32	0.013	0.77	< 0.005	7.53	< 0.1	< 0.01	23.7	0.12	0.330	< 0.01	0.07	< 0.01	16.8	0.04

Analyte Symbol	W	Zn
Unit Symbol	%	%
Lower Limit	0.005	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
B468457	< 0.005	< 0.01
B468458	< 0.005	< 0.01
B468459	< 0.005	< 0.01
B468460	< 0.005	< 0.01
B468461	< 0.005	< 0.01
B468462	< 0.005	< 0.01
B468463	< 0.005	< 0.01
B468464	< 0.005	< 0.01
B468465	< 0.005	0.01
B468466	< 0.005	< 0.01
B468467	< 0.005	< 0.01
B468468	< 0.005	< 0.01
B468469	< 0.005	< 0.01
B468470	< 0.005	0.01
B468471	< 0.005	< 0.01
B468472	< 0.005	0.08
B468473	< 0.005	< 0.01
B468474	0.007	< 0.01
B468475	< 0.005	< 0.01
B468476	< 0.005	< 0.01

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.20			0.05	0.013	1.56	< 0.005				30.9	0.08	0.370	< 0.01		< 0.01	18.2			< 0.01
DTS-2b Cert				0.240			0.0900	0.0120	1.55	0.000300				29.8	0.0830	0.378	0.000400		0.0000600	18.4			0.00450
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.007					1.07	< 0.005	< 0.01			16.4		0.364	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
Oreas 72a (Fusion) Meas					< 0.01			0.017	0.03	0.030	9.64					0.710		1.72					
Oreas 72a (Fusion) Cert											9.54					0.692		1.67					
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.115	13.8					3.16		7.40		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
OREAS 134b (Fusion) Meas					0.02			0.012		0.134	12.3							20.1	0.01				17.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
NCS DC86314 Meas													1.81									0.007	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.03			0.011		0.402							0.18	33.3		0.31			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.11			0.031		24.0	32.0			0.70	0.01		0.71	35.8	0.01				3.06
CCU-1e Cert				0.139	0.101			0.0301		22.9	30.7			0.706	0.00960		0.703	35.3	0.0104				3.02
CDN-PGMS-30 Meas	2040	1690	221																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b (Fusion) Meas				1.93	0.20		3.07	0.160	0.03	0.341	30.0	0.4	< 0.01	2.70	0.07	11.6	< 0.01	22.4	< 0.01	9.33	0.06	< 0.005	0.02
Oreas 77b (Fusion) Cert				1.84	0.208		3.09	0.161	0.0336	0.330	29.8	0.369	0.00204	2.65	0.0670	11.3	0.00580	22.2	0.000820	9.49	0.0620	0.000267	0.0202
OREAS 139 (Peroxide Fusion) Meas				3.72	0.03	< 0.001	1.18	0.003		0.023	11.8	3.2	< 0.01	0.49	0.65		2.23	15.9	< 0.01	15.6	0.16		13.5
OREAS 139 (Peroxide Fusion) Cert				3.70	0.0332	0.000317	1.20	0.00260		0.0274	11.9	3.30	0.00404	0.501	0.657		2.20	16.04	0.00630	16.34	0.157		13.36
AMIS 0346 (Peroxide Fusion) Meas											43.5										14.7		
AMIS 0346 (Peroxide Fusion) Cert											44.3										15.0		
OREAS 148 (Peroxide Fusion) Meas				5.35	< 0.01	0.003	0.90		< 0.01	0.032	3.11	1.6	0.49	0.46	0.04				< 0.01	35.3	0.36	< 0.005	0.02
OREAS 148 (Peroxide Fusion) Cert				5.37	0.006	0.004	0.90		0.007	0.035	3.06	1.5	0.48	0.47	0.04				0.002	36.0	0.35	0.0006	0.02

Analyte Symbol	Au	Pd	Pt	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn
Unit Symbol	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	2	5	5	0.01	0.01	0.001	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.005	0.01
Method Code	FA-ICP	FA-ICP	FA-ICP	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
B468466 Orig	< 2	< 5	< 5																				
B468466 Dup	< 2	8	< 5																				
B468467 Orig				0.75	< 0.01	< 0.001	0.30	0.012	0.83	< 0.005	7.11	< 0.1	< 0.01	24.2	0.11	0.231	< 0.01	0.03	< 0.01	16.8	0.04	< 0.005	< 0.01
B468467 Dup				0.75	< 0.01	< 0.001	0.31	0.013	0.83	< 0.005	7.12	< 0.1	< 0.01	24.5	0.11	0.232	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005	0.01
B468473 Orig				0.86	< 0.01	< 0.001	0.10	0.012	0.78	< 0.005	7.31	< 0.1	< 0.01	24.0	0.12	0.347	< 0.01	0.10	< 0.01	17.1	0.06	< 0.005	< 0.01
B468473 Dup				0.87	< 0.01	< 0.001	0.08	0.012	0.76	0.251	7.60	< 0.1	< 0.01	23.6	0.12	0.344	< 0.01	0.47	< 0.01	16.7	0.05	< 0.005	0.04
B468476 Orig	7	14	< 5																				
B468476 Dup	11	13	8																				
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				0.03	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	< 0.01	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

ANALYSIS REPORT BBM21-09989

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	MAHAFFY	Date Analysed	09-Jun-2021 - 29-Sep-2021
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734	Date Completed	29-Sep-2021
Core (675-734)		SGS Order Number	BBM21-09989
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.
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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%
A00507774	2.84	<5	<10	<5	6.14	<0.003
A00507775	2.63	<5	<10	<5	5.49	<0.003
A00507776	1.89	<5	<10	<5	5.19	<0.003
A00507777	2.82	<5	<10	<5	6.33	<0.003
A00507778	-	<5	<10	<5	6.40	<0.003
A00507779	2.54	<5	<10	<5	7.88	<0.003
A00507780	2.91	<5	<10	<5	7.21	<0.003
A00507781	3.17	<5	<10	<5	7.03	<0.003
A00507782	3.09	<5	<10	<5	5.83	0.006
A00507783	0.14	<5	<10	<5	12.13	<0.003
A00507784	2.93	<5	<10	<5	6.23	<0.003
A00507785	2.41	<5	<10	<5	8.06	<0.003
A00507786	3.25	<5	<10	<5	0.94	<0.003
A00507787	2.75	8	<10	<5	0.77	<0.003
A00507788	0.09	8	<10	13	3.87	0.013
A00507789	2.98	5	<10	<5	0.74	<0.003
A00507790	3.30	6	<10	<5	0.75	<0.003
A00507791	3.05	<5	<10	<5	0.60	<0.003
A00507792	2.58	<5	<10	<5	1.11	<0.003
A00507793	2.83	10	<10	<5	0.77	<0.003
A00507794	3.12	6	<10	<5	0.83	<0.003
A00507795	3.23	<5	<10	<5	0.72	<0.003
A00507796	3.23	<5	<10	<5	0.79	<0.003
A00507797	3.02	<5	<10	<5	0.89	<0.003
A00507798	0.14	<5	<10	<5	11.98	<0.003
A00507799	3.14	<5	<10	<5	0.78	<0.003
A00507800	3.05	<5	<10	<5	0.79	<0.003
A00507801	3.09	<5	<10	<5	0.79	<0.003
A00507802	2.97	6	<10	5	0.80	<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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	%	%
A00507803	0.08	12	<10	14	3.81	0.013
A00507804	3.13	6	<10	8	0.69	<0.003
A00507805	3.13	9	<10	<5	0.70	<0.003
A00507806	3.09	7	<10	<5	0.77	<0.003
A00507807	3.39	<5	<10	<5	0.73	<0.003
A00507808	-	<5	<10	<5	0.73	<0.003
A00507809	3.13	<5	<10	<5	0.69	<0.003
A00507810	2.94	<5	<10	<5	0.77	<0.003
A00507811	2.67	<5	<10	<5	0.67	<0.003
A00507812	3.11	<5	<10	<5	0.68	<0.003
A00507813	3.10	<5	<10	<5	0.73	<0.003
A00507814	2.99	7	<10	<5	0.67	<0.003
A00507815	3.09	<5	<10	6	0.74	<0.003
A00507816	3.02	18	<10	<5	0.81	<0.003
A00507817	3.69	<5	<10	<5	0.76	<0.003
A00507818	0.08	7	30	30	7.09	<0.003
A00507819	3.26	<5	<10	<5	0.80	<0.003
A00507820	3.53	<5	<10	<5	1.65	<0.003
A00507821	2.96	12	<10	<5	1.61	<0.003
A00507822	3.36	<5	<10	<5	0.78	<0.003
A00507823	-	<5	<10	<5	0.75	<0.003
A00507824	3.25	<5	<10	<5	0.75	<0.003
A00507825	3.35	<5	<10	<5	0.85	<0.003
A00507826	3.11	<5	<10	<5	0.71	<0.003
A00507827	3.26	<5	<10	<5	0.77	<0.003
A00507828	0.13	<5	<10	<5	11.80	<0.003
A00507829	2.86	<5	<10	<5	0.74	<0.003
A00507830	3.08	<5	<10	<5	0.62	<0.003
A00507831	3.10	<5	<10	<5	0.99	<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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	%	%
A00507832	2.94	5	<10	<5	0.88	<0.003
A00507833	3.22	7	<10	<5	0.64	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.84	0.013
*Std OREAS 680	-	-	-	-	6.88	0.012
*Rep A00507825	-	-	-	-	0.82	<0.003
*Std SU-1B	-	-	-	-	4.27	<0.003
*Std OREAS 680	-	157	420	226	-	-
*Rep A00507786	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507810	-	<5	<10	<5	-	-
*Rep A00507823	-	<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
*Rep A00507800	-	-	-	-	0.78	<0.003
*Std SU-1B	-	-	-	-	4.18	<0.003
*Std OREAS 70b	-	-	-	-	3.77	0.012
*Rep A00507811	-	-	-	-	0.66	<0.003
*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	%	%	%	%	%	%
A00507774	0.011	<0.0005	5.4	<0.001	<0.001	0.025

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507775	0.010	<0.0005	7.6	<0.001	0.001	0.012
A00507776	0.008	<0.0005	7.5	<0.001	0.001	0.015
A00507777	0.021	<0.0005	6.3	<0.001	0.001	0.017
A00507778	0.022	<0.0005	6.1	<0.001	0.001	0.020
A00507779	0.044	<0.0005	6.3	<0.001	0.001	0.017
A00507780	0.048	<0.0005	6.8	<0.001	0.001	0.023
A00507781	0.004	<0.0005	7.2	<0.001	0.001	0.016
A00507782	0.004	<0.0005	6.2	<0.001	0.003	0.068
A00507783	0.002	<0.0005	0.3	<0.001	<0.001	0.005
A00507784	0.007	<0.0005	6.6	<0.001	0.001	0.021
A00507785	0.004	<0.0005	1.9	<0.001	0.003	0.038
A00507786	0.002	<0.0005	9.4	<0.001	0.008	0.485
A00507787	0.030	<0.0005	5.5	<0.001	0.009	0.510
A00507788	0.021	<0.0005	3.1	<0.001	0.008	0.130
A00507789	0.003	<0.0005	3.2	<0.001	0.008	0.448
A00507790	0.006	<0.0005	2.1	<0.001	0.009	0.496
A00507791	0.003	<0.0005	3.8	<0.001	0.008	0.425
A00507792	0.002	<0.0005	1.9	<0.001	0.009	0.481
A00507793	0.002	<0.0005	2.0	<0.001	0.010	0.498
A00507794	0.002	<0.0005	0.8	<0.001	0.009	0.509
A00507795	0.002	<0.0005	0.4	<0.001	0.010	0.513
A00507796	0.001	<0.0005	1.1	<0.001	0.009	0.479
A00507797	<0.001	<0.0005	0.6	<0.001	0.010	0.515
A00507798	0.002	<0.0005	0.3	<0.001	<0.001	0.013
A00507799	0.001	<0.0005	0.8	<0.001	0.010	0.518
A00507800	<0.001	<0.0005	1.1	<0.001	0.009	0.479
A00507801	<0.001	<0.0005	1.0	<0.001	0.010	0.559
A00507802	<0.001	<0.0005	1.3	<0.001	0.010	0.496
A00507803	0.020	<0.0005	3.0	<0.001	0.008	0.127

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507804	<0.001	<0.0005	0.4	<0.001	0.010	0.564
A00507805	0.001	<0.0005	2.7	<0.001	0.009	0.471
A00507806	<0.001	<0.0005	1.2	<0.001	0.010	0.576
A00507807	<0.001	<0.0005	1.4	<0.001	0.010	0.597
A00507808	<0.001	<0.0005	1.8	<0.001	0.009	0.563
A00507809	<0.001	<0.0005	0.5	<0.001	0.010	0.603
A00507810	<0.001	<0.0005	0.4	<0.001	0.010	0.671
A00507811	<0.001	<0.0005	0.9	<0.001	0.010	0.664
A00507812	<0.001	<0.0005	0.6	<0.001	0.010	0.704
A00507813	<0.001	<0.0005	1.4	<0.001	0.010	0.517
A00507814	0.001	<0.0005	1.2	<0.001	0.010	0.570
A00507815	<0.001	<0.0005	1.3	<0.001	0.010	0.591
A00507816	<0.001	<0.0005	0.4	<0.001	0.011	0.654
A00507817	<0.001	<0.0005	0.8	<0.001	0.011	0.637
A00507818	0.023	<0.0005	5.8	<0.001	0.016	0.026
A00507819	0.004	<0.0005	0.8	<0.001	0.010	0.648
A00507820	0.002	<0.0005	2.3	<0.001	0.010	0.423
A00507821	0.004	<0.0005	3.5	<0.001	0.010	0.421
A00507822	0.001	<0.0005	0.6	<0.001	0.010	0.557
A00507823	0.001	<0.0005	0.5	<0.001	0.010	0.552
A00507824	0.012	<0.0005	0.7	<0.001	0.010	0.578
A00507825	<0.001	<0.0005	0.8	<0.001	0.010	0.557
A00507826	<0.001	<0.0005	0.8	<0.001	0.010	0.531
A00507827	<0.001	<0.0005	1.2	<0.001	0.010	0.556
A00507828	0.002	<0.0005	0.3	<0.001	<0.001	0.006
A00507829	<0.001	<0.0005	0.7	<0.001	0.011	0.588
A00507830	<0.001	<0.0005	0.1	<0.001	0.010	0.544
A00507831	0.002	<0.0005	1.5	<0.001	0.011	0.561
A00507832	0.001	<0.0005	0.9	<0.001	0.011	0.539

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507833	0.001	<0.0005	1.6	<0.001	0.010	0.519
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.020	<0.0005	3.3	<0.001	0.008	0.120
*Std OREAS 680	0.064	<0.0005	5.5	<0.001	0.036	0.208
*Rep A00507825	<0.001	<0.0005	0.7	<0.001	0.010	0.556
*Std SU-1B	0.035	<0.0005	2.2	<0.001	0.068	0.035
*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 A00507800	<0.001	<0.0005	1.1	<0.001	0.010	0.487
*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
*Rep A00507811	<0.001	<0.0005	0.9	<0.001	0.010	0.706
*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	%	%	%	%	%	%
A00507774	0.001	1.77	0.9	<0.001	<0.001	2.56
A00507775	<0.001	2.26	0.8	0.005	<0.001	3.35
A00507776	<0.001	2.33	0.6	0.002	<0.001	3.35
A00507777	<0.001	1.88	1.2	0.004	<0.001	2.72
A00507778	<0.001	1.87	1.2	0.004	<0.001	2.65
A00507779	<0.001	1.89	2.1	0.004	<0.001	2.63
A00507780	<0.001	2.46	2.0	0.002	<0.001	3.19
A00507781	<0.001	2.61	0.2	0.002	0.002	2.93
A00507782	<0.001	4.56	0.3	0.001	0.003	5.92

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507783	<0.001	0.53	4.0	<0.001	0.002	0.06
A00507784	<0.001	3.12	0.6	<0.001	<0.001	4.68
A00507785	0.008	7.38	0.3	0.001	0.002	6.25
A00507786	0.002	3.84	<0.1	<0.001	<0.001	10.11
A00507787	0.003	4.82	<0.1	<0.001	<0.001	17.37
A00507788	0.006	5.58	0.7	0.001	0.003	13.90
A00507789	0.001	4.45	<0.1	<0.001	<0.001	19.83
A00507790	0.001	4.79	<0.1	<0.001	<0.001	19.38
A00507791	0.003	4.67	<0.1	<0.001	<0.001	17.01
A00507792	0.001	5.66	<0.1	<0.001	<0.001	18.75
A00507793	<0.001	5.45	<0.1	<0.001	<0.001	20.12
A00507794	<0.001	5.40	<0.1	<0.001	<0.001	20.88
A00507795	<0.001	5.63	<0.1	<0.001	<0.001	20.33
A00507796	0.001	5.68	<0.1	<0.001	<0.001	20.43
A00507797	<0.001	5.91	<0.1	<0.001	<0.001	20.54
A00507798	<0.001	0.53	4.0	<0.001	0.002	0.08
A00507799	<0.001	6.12	<0.1	<0.001	<0.001	20.07
A00507800	<0.001	5.63	<0.1	<0.001	<0.001	19.71
A00507801	<0.001	5.52	<0.1	<0.001	<0.001	19.81
A00507802	0.001	5.70	<0.1	<0.001	<0.001	20.30
A00507803	0.006	5.58	0.6	0.001	0.003	14.03
A00507804	<0.001	5.68	<0.1	<0.001	<0.001	20.64
A00507805	<0.001	5.30	<0.1	<0.001	<0.001	19.42
A00507806	0.001	5.33	<0.1	<0.001	<0.001	19.92
A00507807	<0.001	5.47	<0.1	<0.001	<0.001	19.93
A00507808	<0.001	5.84	<0.1	<0.001	<0.001	19.59
A00507809	<0.001	5.35	<0.1	<0.001	<0.001	20.90
A00507810	0.002	4.94	<0.1	<0.001	<0.001	19.94
A00507811	<0.001	5.36	<0.1	<0.001	<0.001	20.59

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507812	<0.001	5.39	<0.1	<0.001	<0.001	20.81
A00507813	<0.001	5.93	<0.1	<0.001	0.001	21.11
A00507814	<0.001	5.58	<0.1	<0.001	<0.001	20.05
A00507815	<0.001	4.94	<0.1	<0.001	0.001	19.80
A00507816	0.003	5.58	<0.1	<0.001	0.001	20.87
A00507817	0.003	5.24	<0.1	<0.001	0.002	20.44
A00507818	0.033	9.58	0.6	0.001	<0.001	4.00
A00507819	0.003	5.22	0.1	<0.001	0.003	19.95
A00507820	0.005	6.89	0.8	<0.001	0.004	18.30
A00507821	0.005	6.54	0.5	<0.001	0.004	18.12
A00507822	<0.001	5.54	<0.1	<0.001	0.001	20.45
A00507823	<0.001	5.32	<0.1	<0.001	0.001	20.67
A00507824	<0.001	5.08	<0.1	<0.001	<0.001	20.07
A00507825	<0.001	5.45	<0.1	<0.001	<0.001	20.41
A00507826	<0.001	5.03	<0.1	<0.001	<0.001	20.13
A00507827	<0.001	5.65	<0.1	<0.001	<0.001	20.66
A00507828	<0.001	0.89	4.0	<0.001	0.003	0.19
A00507829	<0.001	5.64	<0.1	<0.001	<0.001	20.94
A00507830	<0.001	4.92	<0.1	<0.001	<0.001	20.04
A00507831	<0.001	5.50	0.1	<0.001	0.001	19.78
A00507832	<0.001	5.36	<0.1	<0.001	0.001	21.22
A00507833	<0.001	5.34	<0.1	<0.001	<0.001	19.96
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	0.01
*Std OREAS 70b	0.005	5.84	0.6	0.001	0.003	13.80
*Std OREAS 680	0.901	11.65	1.3	0.002	0.002	3.72
*Rep A00507825	<0.001	5.17	<0.1	<0.001	<0.001	20.21
*Std SU-1B	1.197	>25.00	0.6	0.001	<0.001	1.89
*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

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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 A00507800	0.001	5.63	<0.1	<0.001	<0.001	19.92
*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
*Rep A00507811	<0.001	5.38	<0.1	<0.001	<0.001	20.70
*Std OREAS 680	0.910	11.75	1.3	0.002	<0.001	3.82

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	%	%	%	%	%	%
A00507774	0.063	<0.001	0.008	0.02	<0.002	<0.05
A00507775	0.085	<0.001	0.011	0.41	<0.002	<0.05
A00507776	0.093	<0.001	0.012	0.20	<0.002	<0.05
A00507777	0.072	<0.001	0.011	0.36	<0.002	<0.05
A00507778	0.072	<0.001	0.010	0.37	<0.002	<0.05
A00507779	0.066	<0.001	0.010	0.43	<0.002	<0.05
A00507780	0.079	<0.001	0.012	0.19	<0.002	<0.05
A00507781	0.058	<0.001	0.012	0.22	<0.002	<0.05
A00507782	0.105	<0.001	0.027	0.11	<0.002	<0.05
A00507783	0.010	<0.001	<0.001	0.06	<0.002	<0.05
A00507784	0.108	<0.001	0.015	0.09	<0.002	<0.05
A00507785	0.066	<0.001	0.026	0.09	<0.002	<0.05
A00507786	0.136	<0.001	0.174	<0.01	<0.002	<0.05
A00507787	0.102	<0.001	0.191	0.01	<0.002	<0.05
A00507788	0.118	<0.001	0.215	0.03	0.003	0.24
A00507789	0.080	<0.001	0.186	<0.01	<0.002	<0.05
A00507790	0.074	<0.001	0.186	0.01	<0.002	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507791	0.087	<0.001	0.158	0.02	<0.002	<0.05
A00507792	0.075	<0.001	0.185	<0.01	<0.002	<0.05
A00507793	0.104	<0.001	0.193	<0.01	<0.002	<0.05
A00507794	0.094	<0.001	0.190	0.02	<0.002	<0.05
A00507795	0.095	<0.001	0.205	<0.01	<0.002	<0.05
A00507796	0.085	<0.001	0.194	0.01	<0.002	<0.05
A00507797	0.087	<0.001	0.198	0.07	<0.002	<0.05
A00507798	0.010	<0.001	0.001	<0.01	<0.002	<0.05
A00507799	0.099	<0.001	0.190	<0.01	<0.002	<0.05
A00507800	0.072	<0.001	0.190	0.01	<0.002	<0.05
A00507801	0.074	<0.001	0.197	<0.01	<0.002	<0.05
A00507802	0.082	<0.001	0.197	0.02	<0.002	<0.05
A00507803	0.118	<0.001	0.218	0.04	<0.002	0.22
A00507804	0.091	<0.001	0.201	<0.01	<0.002	<0.05
A00507805	0.090	<0.001	0.180	<0.01	<0.002	<0.05
A00507806	0.070	<0.001	0.199	0.10	<0.002	<0.05
A00507807	0.071	<0.001	0.200	<0.01	<0.002	<0.05
A00507808	0.065	<0.001	0.193	0.01	<0.002	<0.05
A00507809	0.077	<0.001	0.203	<0.01	<0.002	<0.05
A00507810	0.059	<0.001	0.216	<0.01	<0.002	<0.05
A00507811	0.084	<0.001	0.199	<0.01	<0.002	<0.05
A00507812	0.085	<0.001	0.208	<0.01	<0.002	<0.05
A00507813	0.085	<0.001	0.214	0.03	<0.002	<0.05
A00507814	0.075	<0.001	0.205	0.02	<0.002	<0.05
A00507815	0.073	<0.001	0.217	0.05	<0.002	<0.05
A00507816	0.064	<0.001	0.218	<0.01	<0.002	<0.05
A00507817	0.069	<0.001	0.223	0.04	<0.002	<0.05
A00507818	0.106	<0.001	0.735	0.13	<0.002	1.74
A00507819	0.066	<0.001	0.223	0.02	<0.002	<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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507820	0.102	<0.001	0.171	0.08	<0.002	<0.05
A00507821	0.137	<0.001	0.165	0.05	<0.002	<0.05
A00507822	0.064	<0.001	0.206	0.02	<0.002	<0.05
A00507823	0.067	<0.001	0.214	0.03	<0.002	<0.05
A00507824	0.068	<0.001	0.224	0.02	<0.002	<0.05
A00507825	0.068	<0.001	0.215	0.02	<0.002	<0.05
A00507826	0.062	<0.001	0.218	0.02	<0.002	<0.05
A00507827	0.077	<0.001	0.208	0.03	<0.002	<0.05
A00507828	0.013	<0.001	0.002	0.02	<0.002	<0.05
A00507829	0.063	<0.001	0.227	0.01	<0.002	<0.05
A00507830	0.056	<0.001	0.225	0.01	<0.002	<0.05
A00507831	0.093	<0.001	0.209	0.04	<0.002	<0.05
A00507832	0.091	<0.001	0.216	0.03	<0.002	<0.05
A00507833	0.083	<0.001	0.206	0.02	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	0.02	<0.002	<0.05
*Std OREAS 70b	0.113	<0.001	0.222	0.04	<0.002	0.27
*Std OREAS 680	0.128	<0.001	2.249	0.16	0.252	5.25
*Rep A00507825	0.069	<0.001	0.222	0.02	<0.002	<0.01
*Std SU-1B	0.070	<0.001	2.044	0.10	0.004	>10.00
*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 A00507800	0.072	<0.001	0.191	<0.01	<0.002	<0.01
*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
*Rep A00507811	0.083	<0.001	0.213	0.03	<0.002	<0.01
*Std OREAS 680	0.129	<0.001	2.098	0.11	0.254	5.04

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507774	<0.005	0.0040	24.6	<0.005	0.010	0.64
A00507775	<0.005	0.0022	20.4	<0.005	0.009	0.47
A00507776	<0.005	0.0011	21.4	<0.005	0.008	0.37
A00507777	<0.005	0.0023	23.7	<0.005	0.008	0.62
A00507778	<0.005	0.0023	23.3	<0.005	0.008	0.64
A00507779	<0.005	0.0036	21.3	<0.005	0.008	0.87
A00507780	<0.005	0.0034	21.3	<0.005	0.008	0.80
A00507781	<0.005	0.0031	22.0	<0.005	0.010	0.78
A00507782	<0.005	0.0030	20.2	<0.005	0.007	0.59
A00507783	<0.005	<0.0005	27.8	<0.005	0.003	<0.01
A00507784	<0.005	0.0028	22.2	<0.005	0.007	0.71
A00507785	<0.005	0.0032	22.7	<0.005	0.003	0.80
A00507786	<0.005	0.0005	14.9	<0.005	0.025	0.04
A00507787	<0.005	0.0006	14.2	<0.005	0.018	0.04
A00507788	<0.005	0.0012	23.3	<0.005	0.007	0.18
A00507789	<0.005	0.0007	14.6	<0.005	0.011	0.05
A00507790	<0.005	0.0006	14.8	<0.005	0.006	0.04
A00507791	<0.005	<0.0005	12.9	<0.005	0.018	0.05
A00507792	<0.005	0.0007	15.9	<0.005	0.003	0.08
A00507793	<0.005	0.0006	14.9	<0.005	0.005	0.04
A00507794	<0.005	0.0007	14.3	<0.005	0.002	0.05
A00507795	<0.005	0.0006	15.1	<0.005	0.001	0.05
A00507796	<0.005	0.0006	15.5	<0.005	0.002	0.06
A00507797	<0.005	0.0007	16.0	<0.005	<0.001	0.05
A00507798	<0.005	<0.0005	27.6	<0.005	0.003	<0.01
A00507799	<0.005	0.0007	14.8	<0.005	0.001	0.05
A00507800	<0.005	0.0007	15.0	<0.005	0.002	0.05
A00507801	<0.005	0.0006	15.4	<0.005	0.001	0.04
A00507802	<0.005	0.0006	15.5	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507803	<0.005	0.0012	23.1	<0.005	0.007	0.18
A00507804	<0.005	0.0006	15.1	<0.005	<0.001	0.04
A00507805	<0.005	0.0006	14.7	<0.005	0.003	0.04
A00507806	<0.005	0.0006	15.6	<0.005	0.001	0.04
A00507807	<0.005	0.0006	15.8	<0.005	0.002	0.04
A00507808	<0.005	0.0006	16.1	<0.005	0.002	0.04
A00507809	<0.005	0.0006	14.8	<0.005	<0.001	0.04
A00507810	<0.005	0.0006	14.7	<0.005	<0.001	0.05
A00507811	<0.005	0.0006	14.7	<0.005	0.001	0.04
A00507812	<0.005	0.0006	15.2	0.009	<0.001	0.04
A00507813	<0.005	<0.0005	14.8	<0.005	0.003	0.04
A00507814	<0.005	<0.0005	15.0	<0.005	0.002	0.04
A00507815	<0.005	<0.0005	14.5	<0.005	0.002	0.05
A00507816	<0.005	<0.0005	15.7	<0.005	<0.001	0.05
A00507817	<0.005	<0.0005	15.1	<0.005	0.001	0.05
A00507818	<0.005	0.0018	22.8	<0.005	0.037	0.98
A00507819	<0.005	<0.0005	15.3	<0.005	0.002	0.04
A00507820	<0.005	0.0014	13.6	<0.005	0.003	0.27
A00507821	<0.005	0.0013	13.3	<0.005	0.006	0.23
A00507822	<0.005	<0.0005	15.7	<0.005	0.002	0.04
A00507823	<0.005	<0.0005	15.3	<0.005	0.002	0.04
A00507824	<0.005	<0.0005	15.2	<0.005	0.002	0.04
A00507825	<0.005	<0.0005	16.0	<0.005	0.001	0.05
A00507826	<0.005	<0.0005	15.1	<0.005	0.001	0.04
A00507827	<0.005	<0.0005	15.7	<0.005	0.002	0.05
A00507828	<0.005	<0.0005	26.8	<0.005	0.003	<0.01
A00507829	<0.005	<0.0005	16.0	<0.005	0.001	0.04
A00507830	<0.005	<0.0005	14.1	<0.005	<0.001	0.04
A00507831	<0.005	0.0008	14.0	<0.005	0.005	0.06

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	%	%	%	%	%	%
A00507832	<0.005	0.0007	15.1	<0.005	0.005	0.05
A00507833	<0.005	<0.0005	14.7	<0.005	0.011	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 70b	<0.005	0.0010	23.2	<0.005	0.008	0.18
*Std OREAS 680	<0.005	0.0020	19.5	<0.005	0.042	0.49
*Rep A00507825	<0.005	0.0005	15.5	<0.005	0.002	0.04
*Std SU-1B	<0.005	0.0007	15.5	<0.005	0.029	0.22
*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 A00507800	<0.005	0.0007	15.0	<0.005	0.002	0.05
*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
*Rep A00507811	<0.005	0.0005	14.9	<0.005	0.001	0.04
*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
A00507774	0.012	<0.005	0.0021	0.001	-
A00507775	0.017	<0.005	0.0061	0.001	-
A00507776	0.017	<0.005	0.0036	0.001	-
A00507777	0.018	<0.005	0.0040	<0.001	-
A00507778	0.017	<0.005	0.0039	<0.001	-
A00507779	0.020	<0.005	0.0041	<0.001	-
A00507780	0.026	<0.005	0.0028	0.001	-
A00507781	0.019	<0.005	0.0029	0.002	-

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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
A00507782	0.026	<0.005	0.0022	0.002	-
A00507783	<0.001	<0.005	<0.0005	0.002	-
A00507784	0.024	<0.005	0.0028	0.002	-
A00507785	0.026	<0.005	0.0026	0.004	-
A00507786	0.004	<0.005	<0.0005	0.004	2.86
A00507787	0.004	<0.005	<0.0005	0.003	-
A00507788	0.007	<0.005	0.0010	0.012	-
A00507789	0.004	<0.005	<0.0005	0.002	-
A00507790	0.004	<0.005	<0.0005	0.004	-
A00507791	0.003	<0.005	<0.0005	0.004	-
A00507792	0.006	<0.005	<0.0005	0.004	-
A00507793	0.004	<0.005	<0.0005	0.004	-
A00507794	0.004	<0.005	<0.0005	0.004	-
A00507795	0.004	<0.005	<0.0005	0.004	-
A00507796	0.004	<0.005	<0.0005	0.003	-
A00507797	0.005	<0.005	<0.0005	0.004	-
A00507798	<0.001	<0.005	<0.0005	0.001	-
A00507799	0.005	<0.005	<0.0005	0.003	-
A00507800	0.004	<0.005	<0.0005	0.003	-
A00507801	0.004	<0.005	<0.0005	0.004	-
A00507802	0.004	<0.005	<0.0005	0.004	-
A00507803	0.007	<0.005	0.0010	0.011	-
A00507804	0.004	<0.005	<0.0005	0.004	-
A00507805	0.004	<0.005	<0.0005	0.003	-
A00507806	0.004	<0.005	<0.0005	0.005	-
A00507807	0.004	<0.005	<0.0005	0.003	-
A00507808	0.004	<0.005	<0.0005	0.003	-
A00507809	0.004	<0.005	<0.0005	0.003	-
A00507810	0.004	<0.005	<0.0005	0.005	-

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)
Number of Samples 60

ANALYSIS REPORT BBM21-09989

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
A00507811	0.004	<0.005	<0.0005	0.004	-
A00507812	0.004	<0.005	<0.0005	0.003	-
A00507813	0.004	<0.005	<0.0005	0.005	-
A00507814	0.004	<0.005	<0.0005	0.006	-
A00507815	0.004	<0.005	<0.0005	0.005	-
A00507816	0.004	<0.005	<0.0005	0.006	-
A00507817	0.004	<0.005	<0.0005	0.005	-
A00507818	0.015	<0.005	0.0019	0.011	-
A00507819	0.004	<0.005	<0.0005	0.006	-
A00507820	0.009	<0.005	0.0008	0.006	-
A00507821	0.008	<0.005	0.0007	0.007	-
A00507822	0.004	<0.005	<0.0005	0.005	-
A00507823	0.004	<0.005	<0.0005	0.006	-
A00507824	0.004	<0.005	<0.0005	0.005	-
A00507825	0.004	<0.005	<0.0005	0.006	2.95
A00507826	0.003	<0.005	<0.0005	0.005	-
A00507827	0.004	<0.005	<0.0005	0.005	-
A00507828	<0.001	<0.005	<0.0005	0.002	-
A00507829	0.004	<0.005	<0.0005	0.005	-
A00507830	0.003	<0.005	<0.0005	0.005	-
A00507831	0.004	<0.005	<0.0005	0.006	-
A00507832	0.004	<0.005	<0.0005	0.006	-
A00507833	0.004	<0.005	<0.0005	0.006	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-
*Std OREAS 70b	0.007	<0.005	0.0010	0.011	-
*Std OREAS 680	0.023	<0.005	0.0015	0.214	-
*Rep A00507825	0.004	<0.005	<0.0005	0.006	-
*Std SU-1B	0.008	<0.005	0.0007	0.026	-
*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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A024 / 734
Core (675-734)	
Number of Samples	60

ANALYSIS REPORT BBM21-09989

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	-
*Rep A00507800	0.004	<0.005	<0.0005	0.004	-
*Std SU-1B	0.010	<0.005	0.0006	0.026	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-
*Rep A00507811	0.004	<0.005	<0.0005	0.003	-
*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

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 BBM21-10300

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	11-Jun-2021
Project	MAHAFFY	Date Analysed	21-Jun-2021 - 07-Nov-2021
Submission Number	*LK* Mahaffy/ MAH21-C-A025/ 60	Date Completed	13-Nov-2021
Core		SGS Order Number	BBM21-10300
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_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.

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

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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%
A00507834	3.28	7	<10	<5	0.62	<0.003
A00507835	3.30	6	<10	<5	0.66	<0.003
A00507836	3.25	<5	<10	<5	0.61	<0.003
A00507837	3.23	6	<10	<5	0.62	<0.003
A00507838	3.23	6	<10	<5	0.62	<0.003
A00507839	3.34	6	<10	<5	0.65	<0.003
A00507840	3.30	7	<10	<5	0.60	<0.003
A00507841	3.89	<5	<10	<5	0.61	<0.003
A00507842	3.50	<5	<10	<5	0.65	<0.003
A00507843	0.08	7	<10	10	3.71	0.014
A00507844	3.84	7	<10	<5	0.67	<0.003
A00507845	3.33	100	<10	<5	0.84	<0.003
A00507846	3.81	<5	<10	<5	0.69	<0.003
A00507847	3.29	<5	<10	<5	0.92	<0.003
A00507848	0.13	<5	<10	<5	11.54	<0.003
A00507849	3.75	<5	<10	<5	0.62	<0.003
A00507850	3.67	<5	<10	<5	0.65	<0.003
A00507851	3.86	<5	<10	<5	0.62	<0.003
A00507852	3.57	<5	<10	<5	0.65	<0.003
A00507853	3.83	<5	<10	<5	0.62	<0.003
A00507854	3.46	<5	<10	<5	0.63	<0.003
A00507855	3.83	8	<10	<5	0.67	<0.003
A00507856	3.86	<5	<10	<5	0.64	<0.003
A00507857	3.68	<5	<10	<5	0.68	<0.003
A00507858	0.14	<5	<10	<5	12.15	<0.003
A00507859	3.49	<5	<10	<5	0.67	<0.003
A00507860	4.26	<5	<10	<5	0.64	<0.003
A00507861	3.79	13	<10	<5	0.62	<0.003
A00507862	3.32	<5	<10	<5	0.63	<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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%
A00507863	3.32	<5	<10	<5	0.64	<0.003
A00507864	3.72	<5	<10	<5	0.63	<0.003
A00507865	4.49	<5	<10	<5	0.64	<0.003
A00507866	3.61	<5	<10	<5	0.64	<0.003
A00507867	3.72	15	<10	8	0.60	<0.003
A00507868	0.14	<5	<10	<5	11.79	<0.003
A00507869	3.41	<5	<10	20	0.57	<0.003
A00507870	3.39	<5	<10	<5	0.60	<0.003
A00507871	4.09	<5	<10	<5	0.64	<0.003
A00507872	3.26	7	<10	<5	0.69	<0.003
A00507873	4.11	<5	<10	<5	0.69	<0.003
A00507874	4.19	<5	<10	<5	0.68	<0.003
A00507875	3.77	9	<10	<5	0.75	<0.003
A00507876	4.14	10	<10	<5	0.65	<0.003
A00507877	3.62	16	<10	<5	0.61	<0.003
A00507878	3.62	24	<10	<5	0.60	<0.003
A00507879	3.59	12	<10	<5	0.60	<0.003
A00507880	3.77	5	<10	<5	0.60	<0.003
A00507881	3.58	<5	<10	<5	0.65	<0.003
A00507882	3.67	11	<10	<5	0.58	<0.003
A00507883	0.14	<5	<10	<5	12.06	<0.003
A00507884	5.01	6	<10	<5	0.69	<0.003
A00507885	4.73	7	<10	<5	0.66	<0.003
A00507886	4.14	6	<10	<5	0.68	<0.003
A00507887	3.32	5	<10	<5	0.67	<0.003
A00507888	0.08	8	30	38	7.23	<0.003
A00507889	4.23	8	<10	<5	0.68	<0.003
A00507890	3.40	7	<10	<5	0.61	<0.003
A00507891	3.23	<5	<10	<5	0.67	<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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%
A00507892	4.66	<5	<10	<5	0.62	<0.003
A00507893	4.63	<5	<10	<5	0.70	<0.003
*Dup A00507872	-	<5	<10	<5	0.63	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	6.78	0.011
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.19	<0.003
*Rep A00507842	-	-	-	-	0.66	<0.003
*Std OREAS 70b	-	-	-	-	3.69	0.013
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	159	390	227	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507838	-	6	<10	<5	-	-
*Rep A00507842	-	<5	<10	<5	-	-
*Std OREAS 45f	-	20	40	59	-	-
*Std PGMS-27	-	5060	1220	2020	-	-
*Rep A00507862	-	<5	<10	<5	-	-
*Std PGMS-27	-	4110	1280	1960	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Std OREAS 680	-	169	420	229	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.41	<0.003
*Blk BLANK	-	-	-	-	0.01	<0.003
*Rep A00507883	-	-	-	-	12.30	<0.003
*Std OREAS 70b	-	-	-	-	3.75	0.014
*Std OREAS 680	-	-	-	-	6.98	0.011
*Rep A00507888	-	-	-	-	7.18	<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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A025/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507834	0.002	<0.0005	0.6	<0.001	0.010	0.526
A00507835	<0.001	<0.0005	0.9	<0.001	0.010	0.593
A00507836	0.001	<0.0005	0.8	<0.001	0.010	0.572
A00507837	<0.001	<0.0005	0.7	<0.001	0.010	0.607
A00507838	<0.001	<0.0005	0.6	<0.001	0.010	0.609
A00507839	<0.001	<0.0005	1.0	<0.001	0.011	0.608
A00507840	<0.001	<0.0005	0.8	<0.001	0.010	0.586
A00507841	<0.001	<0.0005	0.7	<0.001	0.011	0.653
A00507842	<0.001	<0.0005	0.5	<0.001	0.010	0.586
A00507843	0.020	<0.0005	3.1	<0.001	0.008	0.129
A00507844	<0.001	<0.0005	0.8	<0.001	0.011	0.593
A00507845	0.002	<0.0005	0.6	<0.001	0.010	0.611
A00507846	<0.001	<0.0005	0.7	<0.001	0.010	0.597
A00507847	<0.001	<0.0005	0.8	<0.001	0.010	0.552
A00507848	0.002	<0.0005	0.3	<0.001	<0.001	0.015
A00507849	<0.001	<0.0005	0.5	<0.001	0.010	0.592
A00507850	<0.001	<0.0005	0.4	<0.001	0.011	0.587
A00507851	<0.001	<0.0005	0.5	<0.001	0.011	0.619
A00507852	<0.001	<0.0005	0.7	<0.001	0.011	0.653
A00507853	<0.001	<0.0005	0.8	<0.001	0.010	0.574
A00507854	<0.001	<0.0005	0.6	<0.001	0.010	0.539
A00507855	0.002	<0.0005	0.6	<0.001	0.010	0.512
A00507856	<0.001	<0.0005	0.4	<0.001	0.010	0.660
A00507857	<0.001	<0.0005	0.7	<0.001	0.009	0.536
A00507858	0.002	<0.0005	0.3	<0.001	<0.001	0.010
A00507859	<0.001	<0.0005	0.6	<0.001	0.010	0.560
A00507860	<0.001	<0.0005	0.7	<0.001	0.011	0.647
A00507861	<0.001	<0.0005	1.0	<0.001	0.011	0.573

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507862	<0.001	<0.0005	0.7	<0.001	0.011	0.640
A00507863	<0.001	<0.0005	0.7	<0.001	0.011	0.641
A00507864	<0.001	<0.0005	0.6	<0.001	0.010	0.640
A00507865	<0.001	<0.0005	0.5	<0.001	0.014	0.634
A00507866	<0.001	<0.0005	0.6	<0.001	0.012	0.606
A00507867	<0.001	<0.0005	0.7	<0.001	0.018	0.558
A00507868	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507869	0.004	<0.0005	1.1	<0.001	0.020	0.525
A00507870	<0.001	<0.0005	0.8	<0.001	0.011	0.556
A00507871	<0.001	<0.0005	0.7	<0.001	0.010	0.588
A00507872	0.003	<0.0005	1.1	<0.001	0.010	0.489
A00507873	<0.001	<0.0005	0.8	<0.001	0.011	0.582
A00507874	<0.001	<0.0005	1.0	<0.001	0.010	0.520
A00507875	0.003	<0.0005	0.9	<0.001	0.011	0.469
A00507876	<0.001	<0.0005	0.7	<0.001	0.011	0.621
A00507877	<0.001	<0.0005	1.2	<0.001	0.011	0.555
A00507878	<0.001	<0.0005	1.2	<0.001	0.011	0.558
A00507879	0.004	<0.0005	0.7	<0.001	0.011	0.554
A00507880	0.004	<0.0005	0.8	<0.001	0.011	0.526
A00507881	0.006	<0.0005	0.6	<0.001	0.011	0.621
A00507882	0.037	<0.0005	1.1	<0.001	0.010	0.615
A00507883	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507884	0.166	<0.0005	0.8	<0.001	0.010	0.590
A00507885	0.215	<0.0005	1.5	<0.001	0.011	0.624
A00507886	0.038	<0.0005	0.4	<0.001	0.010	0.580
A00507887	0.112	<0.0005	0.9	<0.001	0.010	0.570
A00507888	0.024	<0.0005	5.9	<0.001	0.016	0.027
A00507889	0.011	<0.0005	0.8	<0.001	0.010	0.526
A00507890	0.003	<0.0005	1.0	<0.001	0.011	0.554

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A025/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507891	0.011	<0.0005	0.8	<0.001	0.010	0.571
A00507892	0.001	<0.0005	0.9	<0.001	0.010	0.532
A00507893	0.002	<0.0005	0.7	<0.001	0.011	0.565
*Dup A00507872	0.001	<0.0005	0.7	<0.001	0.010	0.548
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.066	<0.0005	5.5	<0.001	0.034	0.213
*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	0.067	0.036
*Rep A00507842	<0.001	<0.0005	0.5	<0.001	0.010	0.597
*Std OREAS 70b	0.021	<0.0005	3.1	<0.001	0.008	0.126
*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	0.063	0.031
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507883	0.002	<0.0005	0.3	<0.001	<0.001	0.001
*Std OREAS 70b	0.020	<0.0005	3.1	<0.001	0.008	0.120
*Std OREAS 680	0.065	<0.0005	5.7	<0.001	0.034	0.209
*Rep A00507888	0.024	<0.0005	6.0	<0.001	0.016	0.026

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	%	%	%	%	%	%
A00507834	<0.001	5.14	<0.1	<0.001	<0.001	20.09
A00507835	<0.001	5.22	<0.1	<0.001	<0.001	20.94
A00507836	<0.001	5.23	<0.1	<0.001	<0.001	19.98
A00507837	<0.001	5.40	<0.1	<0.001	<0.001	20.09
A00507838	<0.001	5.47	<0.1	<0.001	<0.001	20.54

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507839	<0.001	5.53	<0.1	<0.001	<0.001	20.59
A00507840	<0.001	5.29	<0.1	<0.001	<0.001	19.89
A00507841	<0.001	5.18	<0.1	<0.001	<0.001	19.76
A00507842	<0.001	5.31	<0.1	<0.001	<0.001	19.78
A00507843	0.004	5.65	0.6	0.001	0.003	13.47
A00507844	<0.001	5.41	<0.1	<0.001	<0.001	20.43
A00507845	<0.001	5.38	<0.1	<0.001	0.002	20.21
A00507846	<0.001	5.51	<0.1	<0.001	0.001	20.11
A00507847	<0.001	5.19	<0.1	<0.001	0.001	20.31
A00507848	<0.001	0.76	3.8	<0.001	0.003	0.19
A00507849	<0.001	5.22	<0.1	<0.001	<0.001	19.67
A00507850	<0.001	5.56	<0.1	<0.001	<0.001	20.52
A00507851	<0.001	5.42	<0.1	<0.001	<0.001	20.00
A00507852	<0.001	5.40	<0.1	<0.001	<0.001	20.10
A00507853	<0.001	5.22	<0.1	<0.001	<0.001	20.14
A00507854	<0.001	5.24	<0.1	<0.001	<0.001	21.27
A00507855	<0.001	5.24	<0.1	<0.001	0.001	21.27
A00507856	<0.001	5.35	<0.1	<0.001	<0.001	20.94
A00507857	<0.001	5.47	<0.1	<0.001	<0.001	21.10
A00507858	<0.001	0.59	4.1	<0.001	0.003	0.22
A00507859	<0.001	5.23	<0.1	<0.001	<0.001	20.75
A00507860	0.002	5.30	<0.1	<0.001	0.001	20.17
A00507861	0.015	5.29	<0.1	<0.001	0.001	20.16
A00507862	<0.001	5.32	<0.1	<0.001	<0.001	20.21
A00507863	<0.001	5.46	<0.1	<0.001	<0.001	21.10
A00507864	<0.001	5.38	<0.1	<0.001	<0.001	20.66
A00507865	0.003	5.87	<0.1	<0.001	0.001	20.91
A00507866	0.003	5.32	<0.1	<0.001	<0.001	20.45
A00507867	0.036	6.73	<0.1	<0.001	<0.001	19.64

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507868	<0.001	0.61	3.9	<0.001	0.003	0.06
A00507869	0.013	5.48	<0.1	<0.001	<0.001	19.74
A00507870	<0.001	5.03	<0.1	<0.001	<0.001	20.59
A00507871	<0.001	5.13	<0.1	<0.001	<0.001	20.31
A00507872	<0.001	4.88	<0.1	<0.001	<0.001	20.38
A00507873	<0.001	5.25	<0.1	<0.001	<0.001	20.53
A00507874	<0.001	5.21	<0.1	<0.001	<0.001	20.83
A00507875	<0.001	5.45	<0.1	<0.001	0.001	20.51
A00507876	<0.001	5.19	<0.1	<0.001	<0.001	20.96
A00507877	<0.001	5.18	<0.1	<0.001	<0.001	20.89
A00507878	<0.001	5.10	<0.1	<0.001	0.001	20.53
A00507879	0.004	5.18	<0.1	<0.001	0.001	20.75
A00507880	<0.001	5.06	<0.1	<0.001	<0.001	20.37
A00507881	<0.001	4.95	<0.1	<0.001	<0.001	20.32
A00507882	<0.001	4.89	<0.1	<0.001	<0.001	19.79
A00507883	<0.001	0.61	3.9	<0.001	0.003	0.07
A00507884	<0.001	5.15	<0.1	<0.001	0.002	20.56
A00507885	<0.001	5.17	<0.1	<0.001	<0.001	20.16
A00507886	<0.001	5.13	<0.1	<0.001	<0.001	20.84
A00507887	<0.001	5.08	<0.1	<0.001	0.001	19.85
A00507888	0.033	9.44	0.6	0.001	<0.001	3.93
A00507889	<0.001	5.52	0.2	<0.001	0.001	20.23
A00507890	<0.001	5.35	0.2	<0.001	0.001	20.49
A00507891	<0.001	5.00	0.2	<0.001	0.001	20.28
A00507892	<0.001	4.71	<0.1	<0.001	0.001	20.13
A00507893	<0.001	5.08	<0.1	<0.001	0.002	21.06
*Dup A00507872	<0.001	5.01	<0.1	<0.001	0.001	21.37
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.901	11.63	1.2	0.002	0.001	3.62

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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 SU-1B	1.180	>25.00	0.6	0.001	<0.001	1.79
*Rep A00507842	<0.001	5.56	<0.1	<0.001	<0.001	20.69
*Std OREAS 70b	0.004	5.63	0.6	0.001	0.003	13.31
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.191	>25.00	0.6	0.001	0.001	1.90
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507883	<0.001	0.65	4.0	<0.001	0.003	0.11
*Std OREAS 70b	0.004	5.35	0.6	0.001	0.004	13.50
*Std OREAS 680	0.904	11.35	1.3	0.002	0.001	3.55
*Rep A00507888	0.034	9.50	0.6	0.001	<0.001	3.96

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	%	%	%	%	%	%
A00507834	0.076	<0.001	0.195	<0.01	<0.002	<0.01
A00507835	0.086	<0.001	0.206	<0.01	<0.002	<0.01
A00507836	0.080	<0.001	0.200	<0.01	<0.002	<0.01
A00507837	0.077	<0.001	0.204	0.02	<0.002	<0.01
A00507838	0.077	<0.001	0.205	<0.01	<0.002	<0.01
A00507839	0.095	<0.001	0.207	0.02	<0.002	<0.01
A00507840	0.080	<0.001	0.206	0.01	<0.002	<0.01
A00507841	0.085	<0.001	0.219	<0.01	<0.002	<0.01
A00507842	0.082	<0.001	0.205	0.01	<0.002	<0.01
A00507843	0.124	<0.001	0.214	0.03	<0.002	0.26
A00507844	0.087	<0.001	0.206	0.03	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507845	0.083	<0.001	0.207	<0.01	<0.002	<0.01
A00507846	0.099	<0.001	0.208	0.02	<0.002	<0.01
A00507847	0.104	<0.001	0.198	0.02	<0.002	<0.01
A00507848	0.013	<0.001	0.001	0.01	<0.002	<0.01
A00507849	0.083	<0.001	0.208	0.01	<0.002	<0.01
A00507850	0.082	<0.001	0.206	<0.01	<0.002	<0.01
A00507851	0.079	<0.001	0.206	<0.01	<0.002	<0.01
A00507852	0.078	<0.001	0.212	<0.01	<0.002	<0.01
A00507853	0.083	<0.001	0.205	0.03	<0.002	<0.01
A00507854	0.076	<0.001	0.199	0.02	<0.002	<0.01
A00507855	0.073	<0.001	0.219	0.02	<0.002	<0.01
A00507856	0.082	<0.001	0.217	0.01	<0.002	<0.01
A00507857	0.079	<0.001	0.199	0.02	<0.002	<0.01
A00507858	0.011	<0.001	0.002	0.02	<0.002	<0.01
A00507859	0.077	<0.001	0.205	0.03	<0.002	<0.01
A00507860	0.087	<0.001	0.225	0.02	<0.002	<0.01
A00507861	0.084	<0.001	0.205	<0.01	<0.002	<0.01
A00507862	0.076	<0.001	0.218	0.01	<0.002	<0.01
A00507863	0.082	<0.001	0.221	0.01	<0.002	<0.01
A00507864	0.081	<0.001	0.220	0.01	<0.002	<0.01
A00507865	0.086	<0.001	0.254	0.03	<0.002	<0.01
A00507866	0.083	<0.001	0.217	0.01	<0.002	<0.01
A00507867	0.085	<0.001	0.281	<0.01	<0.002	<0.01
A00507868	0.011	<0.001	<0.001	<0.01	<0.002	<0.01
A00507869	0.091	<0.001	0.449	0.01	<0.002	0.05
A00507870	0.082	<0.001	0.210	0.02	<0.002	<0.01
A00507871	0.082	<0.001	0.215	0.02	<0.002	<0.01
A00507872	0.088	<0.001	0.205	0.01	<0.002	<0.01
A00507873	0.093	<0.001	0.227	0.02	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507874	0.086	<0.001	0.219	0.01	<0.002	<0.01
A00507875	0.088	<0.001	0.188	0.02	<0.002	<0.01
A00507876	0.084	<0.001	0.233	0.02	<0.002	<0.01
A00507877	0.087	<0.001	0.211	<0.01	<0.002	<0.01
A00507878	0.086	<0.001	0.215	0.02	<0.002	<0.01
A00507879	0.082	<0.001	0.221	0.01	<0.002	<0.01
A00507880	0.085	<0.001	0.212	0.02	<0.002	<0.01
A00507881	0.080	<0.001	0.220	<0.01	<0.002	<0.01
A00507882	0.081	<0.001	0.215	0.02	<0.002	0.08
A00507883	0.011	<0.001	<0.001	0.01	<0.002	<0.01
A00507884	0.077	<0.001	0.218	0.01	<0.002	0.06
A00507885	0.088	<0.001	0.207	0.02	<0.002	0.04
A00507886	0.077	<0.001	0.225	0.02	<0.002	<0.01
A00507887	0.079	<0.001	0.210	0.02	<0.002	<0.01
A00507888	0.109	<0.001	0.714	0.12	<0.002	1.59
A00507889	0.074	<0.001	0.197	0.01	<0.002	<0.01
A00507890	0.077	<0.001	0.220	0.02	<0.002	<0.01
A00507891	0.077	<0.001	0.209	0.03	<0.002	<0.01
A00507892	0.085	<0.001	0.211	0.03	<0.002	<0.01
A00507893	0.086	<0.001	0.251	0.01	<0.002	<0.01
*Dup A00507872	0.085	<0.001	0.226	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 680	0.132	<0.001	2.166	0.13	0.244	5.12
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std SU-1B	0.073	<0.001	1.986	0.07	0.005	>10.00
*Rep A00507842	0.086	<0.001	0.202	0.01	<0.002	<0.01
*Std OREAS 70b	0.122	<0.001	0.219	0.02	<0.002	0.25
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.01
*Std SU-1B	0.071	<0.001	1.948	0.08	0.004	>10.00

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A025/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10300

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	0.02	<0.002	<0.01
*Rep A00507883	0.012	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 70b	0.116	<0.001	0.216	0.04	<0.002	0.24
*Std OREAS 680	0.128	<0.001	2.142	0.15	0.251	4.90
*Rep A00507888	0.111	<0.001	0.690	0.13	<0.002	1.63

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	%	%	%	%	%	%
A00507834	<0.005	<0.0005	13.4	<0.005	0.005	0.04
A00507835	<0.005	<0.0005	14.9	<0.005	0.001	0.04
A00507836	<0.005	<0.0005	14.3	<0.005	0.007	0.04
A00507837	<0.005	<0.0005	14.4	<0.005	<0.001	0.03
A00507838	<0.005	<0.0005	14.6	<0.005	<0.001	0.03
A00507839	<0.005	<0.0005	15.0	<0.005	0.001	0.04
A00507840	<0.005	<0.0005	14.1	<0.005	0.002	0.04
A00507841	<0.005	<0.0005	14.4	<0.005	<0.001	0.03
A00507842	<0.005	<0.0005	14.1	<0.005	0.006	0.04
A00507843	<0.005	0.0010	22.4	<0.005	0.007	0.17
A00507844	<0.005	<0.0005	14.8	<0.005	0.002	0.04
A00507845	<0.005	<0.0005	14.8	<0.005	0.010	0.05
A00507846	<0.005	<0.0005	14.1	<0.005	0.001	0.04
A00507847	<0.005	0.0005	14.4	<0.005	0.002	0.03
A00507848	<0.005	<0.0005	26.9	<0.005	0.003	<0.01
A00507849	<0.005	<0.0005	14.1	<0.005	<0.001	0.03
A00507850	<0.005	<0.0005	14.5	<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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507851	<0.005	<0.0005	14.2	<0.005	0.001	0.04
A00507852	<0.005	<0.0005	14.4	<0.005	0.003	0.04
A00507853	<0.005	<0.0005	14.5	<0.005	0.008	0.04
A00507854	<0.005	<0.0005	14.3	<0.005	0.003	0.03
A00507855	<0.005	<0.0005	14.9	<0.005	0.012	0.03
A00507856	<0.005	<0.0005	14.6	<0.005	0.001	0.03
A00507857	<0.005	<0.0005	14.5	<0.005	0.001	0.04
A00507858	<0.005	<0.0005	26.1	<0.005	0.004	<0.01
A00507859	<0.005	<0.0005	14.4	<0.005	0.002	0.04
A00507860	<0.005	<0.0005	14.7	<0.005	0.001	0.04
A00507861	<0.005	<0.0005	14.4	<0.005	0.008	0.03
A00507862	<0.005	<0.0005	15.0	<0.005	0.002	0.04
A00507863	<0.005	<0.0005	15.1	<0.005	0.002	0.04
A00507864	<0.005	<0.0005	15.1	<0.005	0.001	0.04
A00507865	<0.005	<0.0005	14.6	<0.005	0.002	0.04
A00507866	<0.005	<0.0005	14.6	<0.005	0.002	0.04
A00507867	<0.005	<0.0005	14.2	<0.005	0.003	0.04
A00507868	<0.005	<0.0005	27.5	<0.005	0.004	<0.01
A00507869	<0.005	<0.0005	13.8	<0.005	0.113	0.03
A00507870	<0.005	<0.0005	14.9	<0.005	0.002	0.04
A00507871	<0.005	<0.0005	14.4	<0.005	0.004	0.05
A00507872	<0.005	<0.0005	14.9	<0.005	0.026	0.04
A00507873	<0.005	<0.0005	14.4	<0.005	0.002	0.04
A00507874	<0.005	<0.0005	15.0	<0.005	0.002	0.04
A00507875	<0.005	<0.0005	14.1	<0.005	0.032	0.04
A00507876	<0.005	<0.0005	14.9	<0.005	0.007	0.04
A00507877	<0.005	<0.0005	14.8	<0.005	0.004	0.03
A00507878	<0.005	<0.0005	14.6	<0.005	0.004	0.03
A00507879	<0.005	<0.0005	14.5	<0.005	0.017	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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%	%	%	%	%	%
A00507880	<0.005	<0.0005	14.8	<0.005	0.013	0.04
A00507881	<0.005	<0.0005	14.3	<0.005	0.005	0.05
A00507882	<0.005	<0.0005	13.9	<0.005	0.101	0.03
A00507883	<0.005	<0.0005	28.0	<0.005	0.003	<0.01
A00507884	<0.005	<0.0005	15.1	<0.005	0.050	0.04
A00507885	<0.005	<0.0005	14.5	<0.005	0.097	0.04
A00507886	<0.005	<0.0005	15.3	<0.005	0.007	0.04
A00507887	<0.005	<0.0005	14.4	<0.005	0.008	0.04
A00507888	<0.005	0.0015	23.3	<0.005	0.038	0.99
A00507889	<0.005	<0.0005	14.9	<0.005	0.003	0.04
A00507890	<0.005	<0.0005	14.5	<0.005	0.002	0.03
A00507891	<0.005	<0.0005	14.5	<0.005	0.003	0.04
A00507892	<0.005	<0.0005	14.2	<0.005	0.002	0.03
A00507893	<0.005	<0.0005	14.2	<0.005	0.002	0.04
*Dup A00507872	<0.005	<0.0005	15.1	<0.005	0.002	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0020	19.8	<0.005	0.042	0.49
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0007	15.5	<0.005	0.030	0.22
*Rep A00507842	<0.005	<0.0005	14.8	<0.005	0.006	0.04
*Std OREAS 70b	<0.005	0.0010	22.8	<0.005	0.007	0.17
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0007	15.5	<0.005	0.030	0.21
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.02
*Rep A00507883	<0.005	<0.0005	28.2	<0.005	0.004	<0.01
*Std OREAS 70b	<0.005	0.0009	22.9	<0.005	0.008	0.17
*Std OREAS 680	<0.005	0.0020	20.0	<0.005	0.043	0.50
*Rep A00507888	<0.005	0.0017	23.8	<0.005	0.039	1.00

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%
A00507834	0.003	<0.005	<0.0005	0.006	-	0.030
A00507835	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507836	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507837	0.004	<0.005	<0.0005	0.005	-	<0.005
A00507838	0.004	<0.005	<0.0005	0.005	-	<0.005
A00507839	0.004	<0.005	<0.0005	0.009	-	<0.005
A00507840	0.003	<0.005	<0.0005	0.009	-	<0.005
A00507841	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507842	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507843	0.007	<0.005	0.0009	0.011	-	0.281
A00507844	0.003	<0.005	<0.0005	0.008	-	0.005
A00507845	0.004	<0.005	<0.0005	0.007	-	0.012
A00507846	0.004	<0.005	<0.0005	0.008	-	<0.005
A00507847	0.003	<0.005	<0.0005	0.009	-	<0.005
A00507848	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507849	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507850	0.004	<0.005	<0.0005	0.006	-	<0.005
A00507851	0.004	<0.005	<0.0005	0.006	-	<0.005
A00507852	0.004	<0.005	<0.0005	0.005	-	<0.005
A00507853	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507854	0.004	<0.005	<0.0005	0.005	-	<0.005
A00507855	0.003	<0.005	<0.0005	0.005	-	0.008
A00507856	0.004	<0.005	<0.0005	0.006	-	<0.005
A00507857	0.004	<0.005	<0.0005	0.005	-	<0.005
A00507858	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507859	0.004	<0.005	<0.0005	0.006	-	<0.005
A00507860	0.004	<0.005	<0.0005	0.007	-	<0.005
A00507861	0.003	<0.005	<0.0005	0.007	-	0.022
A00507862	0.003	<0.005	<0.0005	0.006	-	<0.005

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%
A00507863	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507864	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507865	0.004	<0.005	<0.0005	0.006	2.97	0.006
A00507866	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507867	0.004	<0.005	<0.0005	0.006	-	0.015
A00507868	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507869	0.003	<0.005	<0.0005	0.005	-	0.084
A00507870	0.003	<0.005	<0.0005	0.005	-	<0.005
A00507871	0.003	<0.005	<0.0005	0.006	-	0.013
A00507872	0.003	<0.005	<0.0005	0.005	-	0.026
A00507873	0.004	<0.005	<0.0005	0.007	-	0.011
A00507874	0.003	<0.005	<0.0005	0.006	-	0.008
A00507875	0.003	<0.005	<0.0005	0.006	-	0.040
A00507876	0.003	<0.005	<0.0005	0.006	-	0.042
A00507877	0.004	<0.005	<0.0005	0.005	-	0.014
A00507878	0.004	<0.005	<0.0005	0.006	-	0.015
A00507879	0.004	<0.005	<0.0005	0.006	-	0.019
A00507880	0.003	<0.005	<0.0005	0.005	-	0.020
A00507881	0.004	<0.005	<0.0005	0.005	-	0.055
A00507882	0.004	<0.005	<0.0005	0.005	-	0.126
A00507883	<0.001	<0.005	<0.0005	0.002	-	0.007
A00507884	0.004	<0.005	<0.0005	0.005	-	0.107
A00507885	0.004	<0.005	<0.0005	0.006	-	0.090
A00507886	0.004	<0.005	<0.0005	0.005	-	0.023
A00507887	0.004	<0.005	<0.0005	0.005	-	0.036
A00507888	0.015	<0.005	0.0019	0.010	-	1.700
A00507889	0.004	<0.005	<0.0005	0.005	-	0.018
A00507890	0.005	<0.005	<0.0005	0.005	-	0.009
A00507891	0.004	<0.005	<0.0005	0.005	-	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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A025/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10300

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	%
A00507892	0.003	<0.005	<0.0005	0.006	-	0.017
A00507893	0.004	<0.005	<0.0005	0.006	-	0.033
*Dup A00507872	0.004	<0.005	<0.0005	0.005	-	0.015
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.241	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.009	<0.005	0.0006	0.026	-	-
*Rep A00507842	0.003	<0.005	<0.0005	0.007	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.012	-	-
*Blk BLANK	-	-	-	-	-	0.007
*Std GS314-2	-	-	-	-	-	2.515
*Rep A00507893	-	-	-	-	-	0.033
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.571
*Std GS314-2	-	-	-	-	-	2.569
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507863	-	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.008	<0.005	0.0006	0.027	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507883	<0.001	<0.005	<0.0005	0.002	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.213	-	-
*Rep A00507888	0.015	<0.005	0.0018	0.011	-	-

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 BBM21-10301

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	11-Jun-2021
Project	MAHAFFY	Date Analysed	21-Jun-2021 - 10-Nov-2021
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60	Date Completed	20-Nov-2021
Core		SGS Order Number	BBM21-10301
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)
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.

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

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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10301

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	%	%
A00507894	3.36	<5	<10	<5	0.64	<0.003
A00507895	3.33	<5	<10	<5	0.65	<0.003
A00507896	2.94	<5	<10	<5	0.69	<0.003
A00507897	3.32	<5	<10	<5	0.69	<0.003
A00507898	0.09	9	<10	11	3.70	0.014
A00507899	3.09	<5	<10	<5	0.72	<0.003
A00507900	3.14	<5	<10	<5	0.79	<0.003
A00507901	3.06	<5	<10	<5	0.73	<0.003
A00507902	3.31	<5	<10	<5	0.70	<0.003
A00507903	-	<5	<10	<5	0.72	<0.003
A00507904	3.04	<5	<10	14	0.75	0.003
A00507905	2.99	<5	<10	<5	0.72	<0.003
A00507906	3.31	6	<10	<5	0.71	0.006
A00507907	3.05	<5	<10	<5	0.64	<0.003
A00507908	0.13	<5	<10	<5	12.05	<0.003
A00507909	3.03	<5	<10	<5	0.71	<0.003
A00507910	3.34	<5	<10	<5	0.77	<0.003
A00507911	2.95	<5	<10	<5	0.90	<0.003
A00507912	3.33	<5	<10	<5	2.26	<0.003
A00507913	3.00	<5	<10	<5	0.70	<0.003
A00507914	3.40	<5	<10	<5	1.65	<0.003
A00507915	3.12	<5	<10	<5	0.71	<0.003
A00507916	3.30	<5	<10	<5	0.64	<0.003
A00507917	3.62	6	<10	<5	0.67	<0.003
A00507918	0.08	10	<10	12	3.80	0.014
A00507919	3.42	7	<10	<5	0.59	<0.003
A00507920	3.21	<5	<10	<5	0.61	<0.003
A00507921	3.31	<5	<10	<5	0.64	<0.003
A00507922	3.21	<5	<10	10	0.59	<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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10301

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	%	%
A00507923	-	<5	<10	<5	0.59	<0.003
A00507924	3.28	<5	<10	<5	0.60	<0.003
A00507925	3.21	<5	<10	<5	0.69	<0.003
A00507926	3.13	<5	<10	<5	0.62	<0.003
A00507927	3.35	<5	<10	<5	0.61	<0.003
A00507928	0.14	<5	<10	<5	12.03	<0.003
A00507929	2.97	<5	<10	<5	0.63	<0.003
A00507930	3.35	<5	<10	<5	0.59	<0.003
A00507931	3.38	<5	<10	<5	0.56	<0.003
A00507932	3.09	<5	<10	<5	0.65	<0.003
A00507933	2.98	<5	<10	<5	0.65	<0.003
A00507934	3.07	<5	<10	<5	0.59	<0.003
A00507935	3.42	<5	<10	<5	0.59	<0.003
A00507936	3.25	<5	<10	<5	0.61	<0.003
A00507937	3.51	<5	<10	<5	0.63	<0.003
A00507938	-	<5	<10	<5	0.63	<0.003
A00507939	3.20	<5	<10	<5	0.64	<0.003
A00507940	3.36	5	<10	12	1.05	<0.003
A00507941	3.62	<5	<10	<5	0.69	<0.003
A00507942	2.99	<5	<10	<5	0.72	<0.003
A00507943	0.13	<5	<10	<5	12.70	<0.003
A00507944	3.87	<5	<10	<5	0.70	<0.003
A00507945	3.02	<5	<10	<5	0.83	<0.003
A00507946	3.32	<5	<10	21	0.77	<0.003
A00507947	3.46	<5	<10	<5	0.76	<0.003
A00507948	0.09	9	<10	11	3.76	0.015
A00507949	3.37	<5	<10	<5	0.80	<0.003
A00507950	3.57	<5	<10	<5	1.17	<0.003
A00507951	3.56	<5	<10	<5	1.25	<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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%
A00507952	3.92	<5	<10	<5	0.98	<0.003
A00507953	4.07	<5	<10	<5	1.00	<0.003
*Dup A00507932	-	<5	<10	<5	0.63	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	6.90	0.010
*Blk BLANK	-	-	-	-	0.02	<0.003
*Std OREAS 70b	-	-	-	-	3.80	0.014
*Std SU-1B	-	-	-	-	4.26	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507909	-	-	-	-	0.72	<0.003
*Rep A00507914	-	-	-	-	1.60	<0.003
*Std SU-1B	-	-	-	-	4.31	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.82	0.013
*Std OREAS 680	-	-	-	-	7.04	0.009
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.71	0.015
*Blk BLANK	-	-	-	-	0.01	<0.003
*Std SU-1B	-	-	-	-	4.41	<0.003
*Rep A00507897	-	-	-	-	0.73	<0.003
*Std OREAS 680	-	-	-	-	7.18	0.011
*Std OREAS 45f	-	23	40	61	-	-
*Rep A00507906	-	5	<10	<5	-	-
*Rep A00507916	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	170	420	229	-	-
*Std OREAS 681	-	57	550	252	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507953	-	<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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507894	0.008	<0.0005	0.6	<0.001	0.010	0.545
A00507895	<0.001	<0.0005	0.6	<0.001	0.011	0.608
A00507896	<0.001	<0.0005	0.6	<0.001	0.011	0.653
A00507897	<0.001	<0.0005	0.5	<0.001	0.010	0.694
A00507898	0.019	<0.0005	3.1	<0.001	0.008	0.134
A00507899	0.002	<0.0005	1.4	<0.001	0.010	0.755
A00507900	<0.001	<0.0005	0.4	<0.001	0.011	0.836
A00507901	<0.001	<0.0005	1.1	<0.001	0.011	0.871
A00507902	<0.001	<0.0005	0.5	<0.001	0.011	0.798
A00507903	<0.001	<0.0005	0.5	<0.001	0.011	0.859
A00507904	0.001	<0.0005	1.4	<0.001	0.010	0.737
A00507905	0.002	<0.0005	0.8	<0.001	0.011	0.805
A00507906	0.011	<0.0005	0.4	<0.001	0.011	0.820
A00507907	0.003	<0.0005	0.3	<0.001	0.011	0.768
A00507908	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507909	<0.001	<0.0005	0.7	<0.001	0.010	0.734
A00507910	<0.001	<0.0005	0.8	<0.001	0.011	0.802
A00507911	<0.001	<0.0005	1.1	<0.001	0.011	0.747
A00507912	0.007	<0.0005	0.6	<0.001	0.009	0.626
A00507913	<0.001	<0.0005	1.3	<0.001	0.010	0.632
A00507914	0.006	<0.0005	2.5	<0.001	0.010	0.634
A00507915	0.001	<0.0005	1.2	<0.001	0.010	0.678
A00507916	<0.001	<0.0005	0.6	<0.001	0.011	0.702
A00507917	<0.001	<0.0005	0.5	<0.001	0.011	0.678
A00507918	0.020	<0.0005	3.1	<0.001	0.008	0.117
A00507919	0.001	<0.0005	0.5	<0.001	0.010	0.743
A00507920	0.002	<0.0005	0.4	<0.001	0.011	0.688
A00507921	<0.001	<0.0005	0.4	<0.001	0.011	0.672

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507922	<0.001	<0.0005	1.0	<0.001	0.011	0.751
A00507923	0.001	<0.0005	1.1	<0.001	0.011	0.698
A00507924	0.001	<0.0005	0.2	<0.001	0.011	0.632
A00507925	0.002	<0.0005	0.4	<0.001	0.010	0.771
A00507926	<0.001	<0.0005	0.6	<0.001	0.011	0.665
A00507927	<0.001	<0.0005	0.6	<0.001	0.011	0.755
A00507928	0.002	<0.0005	0.3	<0.001	<0.001	0.001
A00507929	<0.001	<0.0005	1.1	<0.001	0.011	0.741
A00507930	<0.001	<0.0005	0.8	<0.001	0.012	0.840
A00507931	<0.001	<0.0005	0.8	<0.001	0.011	0.762
A00507932	<0.001	<0.0005	0.9	<0.001	0.011	0.766
A00507933	<0.001	<0.0005	0.9	<0.001	0.012	0.784
A00507934	<0.001	<0.0005	0.7	<0.001	0.011	0.708
A00507935	<0.001	<0.0005	1.2	<0.001	0.010	0.664
A00507936	<0.001	<0.0005	0.4	<0.001	0.010	0.680
A00507937	0.003	<0.0005	0.5	<0.001	0.010	0.700
A00507938	0.003	<0.0005	0.5	<0.001	0.010	0.699
A00507939	<0.001	<0.0005	0.3	<0.001	0.011	0.691
A00507940	0.001	<0.0005	2.0	<0.001	0.011	0.633
A00507941	<0.001	<0.0005	0.3	<0.001	0.011	0.723
A00507942	<0.001	<0.0005	0.6	<0.001	0.011	0.679
A00507943	0.002	<0.0005	0.3	<0.001	<0.001	0.001
A00507944	<0.001	<0.0005	0.3	<0.001	0.011	0.638
A00507945	<0.001	<0.0005	0.8	<0.001	0.011	0.556
A00507946	<0.001	<0.0005	0.9	<0.001	0.010	0.742
A00507947	<0.001	<0.0005	1.2	<0.001	0.012	0.749
A00507948	0.020	<0.0005	3.1	<0.001	0.008	0.119
A00507949	<0.001	<0.0005	1.1	<0.001	0.011	0.720
A00507950	<0.001	<0.0005	2.6	<0.001	0.010	0.637

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507951	<0.001	<0.0005	2.4	<0.001	0.011	0.642
A00507952	<0.001	<0.0005	1.3	<0.001	0.012	0.732
A00507953	<0.001	<0.0005	0.5	<0.001	0.011	0.846
*Dup A00507932	<0.001	<0.0005	0.8	<0.001	0.011	0.777
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 680	0.064	<0.0005	5.5	<0.001	0.031	0.208
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.019	<0.0005	3.0	<0.001	0.007	0.122
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.060	0.032
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507909	<0.001	<0.0005	0.7	<0.001	0.011	0.751
*Rep A00507914	0.006	<0.0005	2.5	<0.001	0.009	0.609
*Std SU-1B	0.036	<0.0005	2.2	<0.001	0.066	0.036
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.020	<0.0005	3.1	<0.001	0.008	0.126
*Std OREAS 680	0.065	<0.0005	5.6	<0.001	0.032	0.200
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.020	<0.0005	3.0	<0.001	0.008	0.128
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.035	<0.0005	2.3	<0.001	0.065	0.037
*Rep A00507897	<0.001	<0.0005	0.6	<0.001	0.011	0.760
*Std OREAS 680	0.066	<0.0005	5.9	<0.001	0.034	0.231

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	%	%	%	%	%	%

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507894	<0.001	5.33	<0.1	<0.001	<0.001	21.40
A00507895	<0.001	5.40	<0.1	<0.001	<0.001	21.90
A00507896	<0.001	5.57	<0.1	<0.001	<0.001	22.42
A00507897	<0.001	5.63	<0.1	<0.001	<0.001	22.11
A00507898	0.005	5.61	0.7	0.001	0.003	13.69
A00507899	<0.001	5.56	<0.1	<0.001	<0.001	22.20
A00507900	<0.001	5.81	<0.1	<0.001	<0.001	22.69
A00507901	<0.001	5.78	<0.1	<0.001	<0.001	22.61
A00507902	<0.001	5.65	<0.1	<0.001	<0.001	22.29
A00507903	<0.001	5.82	<0.1	<0.001	<0.001	22.83
A00507904	<0.001	5.79	<0.1	<0.001	0.003	22.24
A00507905	<0.001	5.75	<0.1	<0.001	<0.001	22.39
A00507906	<0.001	5.84	<0.1	<0.001	<0.001	22.99
A00507907	<0.001	5.74	<0.1	<0.001	<0.001	22.98
A00507908	<0.001	0.59	4.0	<0.001	0.003	0.06
A00507909	<0.001	5.59	<0.1	<0.001	0.001	22.19
A00507910	<0.001	5.73	<0.1	<0.001	0.002	22.68
A00507911	<0.001	5.48	<0.1	<0.001	<0.001	21.54
A00507912	0.002	6.30	0.3	<0.001	0.010	18.98
A00507913	<0.001	5.18	<0.1	<0.001	<0.001	21.21
A00507914	<0.001	4.90	<0.1	<0.001	0.002	20.74
A00507915	<0.001	5.27	<0.1	<0.001	<0.001	21.21
A00507916	0.004	5.36	<0.1	<0.001	<0.001	21.48
A00507917	0.025	5.17	<0.1	<0.001	0.001	21.00
A00507918	0.004	5.62	0.6	0.001	0.004	13.84
A00507919	0.002	5.05	0.1	<0.001	<0.001	21.43
A00507920	0.002	5.20	<0.1	<0.001	0.001	21.80
A00507921	<0.001	5.02	<0.1	<0.001	<0.001	21.88
A00507922	<0.001	5.14	<0.1	<0.001	<0.001	20.99

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507923	<0.001	5.38	<0.1	<0.001	<0.001	21.38
A00507924	<0.001	5.19	<0.1	<0.001	<0.001	21.53
A00507925	<0.001	4.93	0.1	<0.001	<0.001	21.62
A00507926	<0.001	5.54	<0.1	<0.001	<0.001	22.36
A00507927	<0.001	5.76	<0.1	<0.001	<0.001	22.94
A00507928	<0.001	0.60	4.0	<0.001	0.003	0.07
A00507929	<0.001	5.85	<0.1	<0.001	<0.001	23.93
A00507930	<0.001	5.92	<0.1	<0.001	0.005	23.79
A00507931	<0.001	5.90	<0.1	<0.001	<0.001	24.06
A00507932	<0.001	5.78	<0.1	<0.001	0.003	23.27
A00507933	<0.001	6.03	<0.1	<0.001	<0.001	24.33
A00507934	<0.001	5.57	<0.1	<0.001	<0.001	22.03
A00507935	<0.001	5.58	0.1	<0.001	<0.001	20.96
A00507936	<0.001	5.28	<0.1	<0.001	<0.001	21.88
A00507937	<0.001	5.23	<0.1	<0.001	<0.001	21.42
A00507938	<0.001	5.19	<0.1	<0.001	<0.001	21.44
A00507939	<0.001	5.43	<0.1	<0.001	<0.001	21.58
A00507940	0.016	5.45	0.1	<0.001	<0.001	19.93
A00507941	<0.001	5.46	<0.1	<0.001	<0.001	21.35
A00507942	<0.001	5.53	<0.1	<0.001	<0.001	21.71
A00507943	<0.001	0.62	4.2	<0.001	0.003	0.08
A00507944	<0.001	5.35	<0.1	<0.001	<0.001	21.28
A00507945	<0.001	5.66	0.1	<0.001	<0.001	21.30
A00507946	<0.001	6.19	<0.1	<0.001	<0.001	22.27
A00507947	<0.001	6.11	<0.1	<0.001	<0.001	22.02
A00507948	0.004	5.55	0.6	0.001	0.003	13.65
A00507949	<0.001	6.48	<0.1	<0.001	<0.001	22.42
A00507950	<0.001	5.79	<0.1	<0.001	<0.001	21.16
A00507951	<0.001	6.09	<0.1	<0.001	<0.001	20.79

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507952	<0.001	6.14	<0.1	<0.001	<0.001	22.10
A00507953	0.001	5.67	<0.1	<0.001	<0.001	21.94
*Dup A00507932	<0.001	5.68	<0.1	<0.001	<0.001	23.12
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.905	11.52	1.2	0.002	0.001	3.63
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 70b	0.005	5.39	0.6	0.001	0.003	13.42
*Std SU-1B	1.172	24.42	0.6	0.001	<0.001	1.78
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507909	<0.001	5.60	<0.1	<0.001	<0.001	22.47
*Rep A00507914	<0.001	4.78	<0.1	<0.001	0.002	19.96
*Std SU-1B	1.174	>25.00	0.7	0.001	<0.001	1.83
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 70b	0.005	5.64	0.6	0.001	0.003	13.89
*Std OREAS 680	0.918	11.89	1.3	0.002	0.001	3.73
*Blk BLANK	<0.001	0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 70b	0.005	5.62	0.6	0.002	0.003	13.59
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.197	>25.00	0.7	0.001	<0.001	1.86
*Rep A00507897	<0.001	5.86	<0.1	<0.001	<0.001	23.31
*Std OREAS 680	0.926	12.39	1.4	0.002	0.001	3.81

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	%	%	%	%	%	%
A00507894	0.077	<0.001	0.214	<0.01	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507895	0.069	<0.001	0.224	<0.01	<0.002	<0.01
A00507896	0.072	<0.001	0.237	<0.01	<0.002	<0.01
A00507897	0.070	<0.001	0.223	<0.01	<0.002	<0.01
A00507898	0.106	<0.001	0.236	0.03	<0.002	0.23
A00507899	0.089	<0.001	0.224	<0.01	<0.002	<0.01
A00507900	0.082	<0.001	0.249	<0.01	<0.002	<0.01
A00507901	0.078	<0.001	0.232	<0.01	<0.002	<0.01
A00507902	0.076	<0.001	0.227	<0.01	<0.002	<0.01
A00507903	0.080	<0.001	0.242	<0.01	<0.002	<0.01
A00507904	0.079	<0.001	0.204	0.02	<0.002	<0.01
A00507905	0.077	<0.001	0.226	<0.01	<0.002	<0.01
A00507906	0.083	<0.001	0.233	<0.01	<0.002	0.21
A00507907	0.099	<0.001	0.223	<0.01	<0.002	<0.01
A00507908	0.010	<0.001	<0.001	<0.01	<0.002	<0.01
A00507909	0.077	<0.001	0.229	<0.01	<0.002	<0.01
A00507910	0.081	<0.001	0.226	0.01	<0.002	<0.01
A00507911	0.100	<0.001	0.218	<0.01	<0.002	<0.01
A00507912	0.065	<0.001	0.175	0.02	<0.002	<0.01
A00507913	0.082	<0.001	0.205	<0.01	<0.002	<0.01
A00507914	0.094	<0.001	0.190	<0.01	<0.002	<0.01
A00507915	0.082	<0.001	0.200	<0.01	<0.002	<0.01
A00507916	0.079	<0.001	0.216	<0.01	<0.002	<0.01
A00507917	0.073	<0.001	0.221	<0.01	<0.002	<0.01
A00507918	0.117	<0.001	0.213	0.02	<0.002	0.21
A00507919	0.071	<0.001	0.217	<0.01	<0.002	<0.01
A00507920	0.079	<0.001	0.220	<0.01	<0.002	<0.01
A00507921	0.076	<0.001	0.227	<0.01	<0.002	<0.01
A00507922	0.089	<0.001	0.211	<0.01	<0.002	<0.01
A00507923	0.094	<0.001	0.198	<0.01	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507924	0.082	<0.001	0.217	<0.01	<0.002	<0.01
A00507925	0.077	<0.001	0.228	<0.01	<0.002	<0.01
A00507926	0.079	<0.001	0.229	<0.01	<0.002	<0.01
A00507927	0.082	<0.001	0.227	0.01	<0.002	<0.01
A00507928	0.011	<0.001	<0.001	<0.01	<0.002	<0.01
A00507929	0.087	<0.001	0.244	<0.01	<0.002	<0.01
A00507930	0.091	<0.001	0.240	0.02	<0.002	<0.01
A00507931	0.099	<0.001	0.237	<0.01	<0.002	<0.01
A00507932	0.094	<0.001	0.239	<0.01	<0.002	<0.01
A00507933	0.096	<0.001	0.252	<0.01	<0.002	<0.01
A00507934	0.086	<0.001	0.221	<0.01	<0.002	<0.01
A00507935	0.076	<0.001	0.195	0.01	<0.002	<0.01
A00507936	0.082	<0.001	0.216	<0.01	<0.002	<0.01
A00507937	0.077	<0.001	0.221	<0.01	<0.002	<0.01
A00507938	0.077	<0.001	0.219	0.01	<0.002	<0.01
A00507939	0.085	<0.001	0.213	<0.01	<0.002	<0.01
A00507940	0.106	<0.001	0.209	<0.01	<0.002	<0.01
A00507941	0.092	<0.001	0.219	<0.01	<0.002	<0.01
A00507942	0.088	<0.001	0.209	<0.01	<0.002	<0.01
A00507943	0.011	<0.001	<0.001	0.02	<0.002	<0.01
A00507944	0.088	<0.001	0.206	<0.01	<0.002	<0.01
A00507945	0.089	<0.001	0.212	<0.01	<0.002	<0.01
A00507946	0.094	<0.001	0.243	0.01	<0.002	<0.01
A00507947	0.108	<0.001	0.224	0.01	<0.002	<0.01
A00507948	0.119	<0.001	0.218	0.03	<0.002	0.22
A00507949	0.091	<0.001	0.224	<0.01	<0.002	<0.01
A00507950	0.114	<0.001	0.197	<0.01	<0.002	<0.01
A00507951	0.103	<0.001	0.195	0.01	<0.002	<0.01
A00507952	0.110	<0.001	0.219	0.01	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507953	0.086	<0.001	0.212	<0.01	<0.002	<0.01
*Dup A00507932	0.092	<0.001	0.243	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 680	0.124	<0.001	2.134	0.13	0.247	4.89
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 70b	0.112	<0.001	0.209	0.03	<0.002	0.21
*Std SU-1B	0.070	<0.001	1.887	0.08	0.004	>10.00
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Rep A00507909	0.077	<0.001	0.226	0.01	<0.002	<0.01
*Rep A00507914	0.091	<0.001	0.182	<0.01	<0.002	<0.01
*Std SU-1B	0.073	<0.001	1.931	0.06	0.005	>10.00
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 70b	0.116	<0.001	0.219	0.03	<0.002	0.23
*Std OREAS 680	0.128	<0.001	2.084	0.12	0.237	4.87
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 70b	0.108	<0.001	0.221	0.02	<0.002	0.22
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std SU-1B	0.070	<0.001	2.004	0.07	0.006	>10.00
*Rep A00507897	0.072	<0.001	0.250	0.01	<0.002	<0.01
*Std OREAS 680	0.125	<0.001	2.227	0.14	0.271	5.21

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	%	%	%	%	%	%
A00507894	<0.005	<0.0005	14.6	<0.005	0.001	0.04
A00507895	<0.005	<0.0005	15.6	<0.005	0.002	0.07

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507896	<0.005	<0.0005	15.7	<0.005	0.002	0.04
A00507897	<0.005	<0.0005	15.5	<0.005	0.002	0.04
A00507898	<0.005	0.0009	22.0	<0.005	0.007	0.18
A00507899	<0.005	<0.0005	15.1	<0.005	0.005	0.05
A00507900	<0.005	<0.0005	15.6	<0.005	0.001	0.04
A00507901	<0.005	<0.0005	15.6	<0.005	0.003	0.04
A00507902	<0.005	<0.0005	15.6	<0.005	0.002	0.04
A00507903	<0.005	<0.0005	15.7	<0.005	0.002	0.04
A00507904	<0.005	<0.0005	15.2	<0.005	0.006	0.06
A00507905	<0.005	<0.0005	15.4	<0.005	0.002	0.04
A00507906	<0.005	<0.0005	16.4	<0.005	0.001	0.04
A00507907	<0.005	<0.0005	15.5	<0.005	0.004	0.04
A00507908	<0.005	<0.0005	27.9	<0.005	0.003	<0.01
A00507909	<0.005	<0.0005	16.4	<0.005	0.002	0.04
A00507910	<0.005	<0.0005	16.4	<0.005	0.002	0.04
A00507911	<0.005	<0.0005	15.9	<0.005	0.003	0.04
A00507912	<0.005	0.0010	17.5	<0.005	0.002	0.22
A00507913	<0.005	<0.0005	15.3	<0.005	0.002	0.04
A00507914	<0.005	<0.0005	15.4	<0.005	0.004	0.07
A00507915	<0.005	<0.0005	15.9	<0.005	0.003	0.04
A00507916	<0.005	<0.0005	15.2	<0.005	0.001	0.04
A00507917	<0.005	<0.0005	15.8	<0.005	0.001	0.03
A00507918	<0.005	0.0010	23.2	<0.005	0.007	0.18
A00507919	<0.005	<0.0005	15.1	<0.005	0.001	0.03
A00507920	<0.005	<0.0005	14.6	<0.005	0.002	0.04
A00507921	<0.005	<0.0005	14.8	<0.005	0.001	0.04
A00507922	<0.005	<0.0005	14.2	<0.005	0.002	0.03
A00507923	<0.005	<0.0005	14.2	<0.005	0.002	0.04
A00507924	<0.005	<0.0005	14.3	<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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%	%	%	%	%	%
A00507925	<0.005	<0.0005	15.1	<0.005	0.001	0.04
A00507926	<0.005	<0.0005	15.8	<0.005	0.002	0.03
A00507927	<0.005	<0.0005	16.2	<0.005	0.002	0.04
A00507928	<0.005	<0.0005	27.9	<0.005	0.003	<0.01
A00507929	<0.005	<0.0005	16.8	<0.005	0.004	0.03
A00507930	<0.005	<0.0005	16.5	<0.005	0.003	0.04
A00507931	<0.005	<0.0005	16.3	<0.005	0.004	0.03
A00507932	<0.005	<0.0005	16.3	<0.005	0.002	0.04
A00507933	<0.005	<0.0005	17.0	<0.005	0.002	0.03
A00507934	<0.005	<0.0005	14.9	<0.005	0.002	0.03
A00507935	<0.005	<0.0005	15.1	<0.005	0.004	0.03
A00507936	<0.005	<0.0005	15.0	<0.005	<0.001	0.03
A00507937	<0.005	<0.0005	15.2	<0.005	0.002	0.03
A00507938	<0.005	<0.0005	15.1	<0.005	0.002	0.04
A00507939	<0.005	<0.0005	15.0	<0.005	<0.001	0.04
A00507940	<0.005	<0.0005	13.2	<0.005	0.006	0.04
A00507941	<0.005	<0.0005	15.0	<0.005	0.002	0.04
A00507942	<0.005	<0.0005	15.4	<0.005	0.002	0.04
A00507943	<0.005	<0.0005	29.2	<0.005	0.003	<0.01
A00507944	<0.005	<0.0005	14.7	<0.005	0.001	0.04
A00507945	<0.005	<0.0005	15.4	<0.005	0.004	0.04
A00507946	<0.005	<0.0005	15.6	<0.005	0.004	0.04
A00507947	<0.005	<0.0005	16.0	<0.005	0.005	0.04
A00507948	<0.005	0.0008	22.9	<0.005	0.007	0.18
A00507949	<0.005	<0.0005	16.9	<0.005	0.002	0.05
A00507950	<0.005	<0.0005	15.9	<0.005	0.008	0.07
A00507951	<0.005	<0.0005	16.0	<0.005	0.006	0.07
A00507952	<0.005	<0.0005	16.3	<0.005	0.006	0.05
A00507953	<0.005	0.0006	16.5	<0.005	0.004	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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10301

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 A00507932	<0.005	<0.0005	16.3	<0.005	0.002	0.03
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0020	19.4	<0.005	0.042	0.51
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.02
*Std OREAS 70b	<0.005	0.0010	22.3	<0.005	0.007	0.18
*Std SU-1B	<0.005	0.0006	14.6	<0.005	0.029	0.23
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507909	<0.005	<0.0005	16.4	<0.005	0.002	0.04
*Rep A00507914	<0.005	0.0007	15.2	<0.005	0.005	0.06
*Std SU-1B	<0.005	0.0007	15.4	<0.005	0.030	0.23
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 70b	<0.005	0.0010	23.4	<0.005	0.007	0.18
*Std OREAS 680	<0.005	0.0019	20.6	<0.005	0.042	0.51
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 70b	<0.005	0.0010	22.2	<0.005	0.007	0.18
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0007	15.4	<0.005	0.030	0.22
*Rep A00507897	<0.005	<0.0005	16.1	<0.005	0.002	0.05
*Std OREAS 680	<0.005	0.0020	20.5	<0.005	0.043	0.53

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	%
A00507894	0.002	<0.005	<0.0005	0.006	-	0.013
A00507895	0.002	<0.005	<0.0005	0.007	-	0.016
A00507896	0.004	<0.005	<0.0005	0.007	-	0.014

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%
A00507897	0.004	<0.005	<0.0005	0.007	-	0.011
A00507898	0.006	<0.005	0.0010	0.012	-	0.285
A00507899	0.003	<0.005	<0.0005	0.007	-	0.012
A00507900	0.004	<0.005	<0.0005	0.009	-	0.015
A00507901	0.004	<0.005	<0.0005	0.009	-	0.011
A00507902	0.003	<0.005	<0.0005	0.008	-	0.010
A00507903	0.004	<0.005	<0.0005	0.009	-	0.008
A00507904	0.004	<0.005	<0.0005	0.007	-	0.008
A00507905	0.004	<0.005	<0.0005	0.008	-	0.015
A00507906	0.004	<0.005	<0.0005	0.009	-	0.270
A00507907	0.004	<0.005	<0.0005	0.007	-	0.015
A00507908	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507909	0.004	<0.005	<0.0005	0.007	-	0.006
A00507910	0.004	<0.005	<0.0005	0.008	2.72	<0.005
A00507911	0.004	<0.005	<0.0005	0.008	-	0.008
A00507912	0.010	<0.005	0.0009	0.007	-	0.010
A00507913	0.003	<0.005	<0.0005	0.006	-	<0.005
A00507914	0.004	<0.005	<0.0005	0.008	-	<0.005
A00507915	0.003	<0.005	<0.0005	0.008	-	0.010
A00507916	0.003	<0.005	<0.0005	0.008	-	0.017
A00507917	0.003	<0.005	<0.0005	0.007	-	0.025
A00507918	0.006	<0.005	0.0010	0.011	-	0.289
A00507919	0.003	<0.005	<0.0005	0.007	-	0.027
A00507920	0.003	<0.005	<0.0005	0.006	-	0.031
A00507921	0.003	<0.005	<0.0005	0.007	-	0.025
A00507922	0.003	<0.005	<0.0005	0.011	-	0.022
A00507923	0.003	<0.005	<0.0005	0.012	-	0.017
A00507924	0.003	<0.005	<0.0005	0.006	-	0.016
A00507925	0.004	<0.005	<0.0005	0.007	-	0.016

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	%
A00507926	0.004	<0.005	<0.0005	0.006	-	0.028
A00507927	0.004	<0.005	<0.0005	0.007	-	0.038
A00507928	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507929	0.004	<0.005	<0.0005	0.007	-	0.047
A00507930	0.004	<0.005	<0.0005	0.008	-	0.048
A00507931	0.004	<0.005	<0.0005	0.007	-	0.056
A00507932	0.004	<0.005	<0.0005	0.008	-	0.051
A00507933	0.004	<0.005	<0.0005	0.008	-	0.047
A00507934	0.003	<0.005	<0.0005	0.007	-	0.038
A00507935	0.003	<0.005	<0.0005	0.006	-	0.033
A00507936	0.003	<0.005	<0.0005	0.007	-	0.039
A00507937	0.003	<0.005	<0.0005	0.007	-	0.039
A00507938	0.003	<0.005	<0.0005	0.006	-	0.035
A00507939	0.003	<0.005	<0.0005	0.007	-	0.026
A00507940	0.004	<0.005	<0.0005	0.008	-	0.040
A00507941	0.003	<0.005	<0.0005	0.007	-	0.035
A00507942	0.003	<0.005	<0.0005	0.006	-	0.022
A00507943	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00507944	0.004	<0.005	<0.0005	0.006	2.91	0.028
A00507945	0.004	<0.005	<0.0005	0.006	-	0.036
A00507946	0.004	<0.005	<0.0005	0.008	-	0.049
A00507947	0.004	<0.005	<0.0005	0.007	-	0.041
A00507948	0.007	<0.005	0.0010	0.011	-	0.278
A00507949	0.003	<0.005	<0.0005	0.008	-	0.048
A00507950	0.004	<0.005	<0.0005	0.007	-	0.040
A00507951	0.004	<0.005	<0.0005	0.008	-	0.036
A00507952	0.004	<0.005	<0.0005	0.008	-	0.044
A00507953	0.005	<0.005	<0.0005	0.010	-	0.036
*Dup A00507932	0.003	<0.005	<0.0005	0.008	-	0.048

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A026/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10301

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	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 680	0.022	<0.005	0.0015	0.231	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 70b	0.006	<0.005	0.0009	0.012	-	-
*Std SU-1B	0.007	<0.005	0.0006	0.026	-	-
*Std GS314-2	-	-	-	-	-	2.576
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.571
*Rep A00507906	-	-	-	-	-	0.275
*Std GS314-2	-	-	-	-	-	2.564
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507932	-	-	-	-	-	0.050
*Std GS314-2	-	-	-	-	-	2.540
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507909	0.004	<0.005	<0.0005	0.008	-	-
*Rep A00507914	0.004	<0.005	<0.0005	0.008	-	-
*Std SU-1B	0.008	<0.005	0.0007	0.027	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 70b	0.006	<0.005	0.0010	0.012	-	-
*Std OREAS 680	0.022	<0.005	0.0016	0.230	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 70b	0.007	<0.005	0.0010	0.012	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.008	<0.005	0.0007	0.028	-	-
*Rep A00507897	0.004	<0.005	<0.0005	0.008	-	-
*Std OREAS 680	0.023	<0.005	0.0016	0.255	-	-

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A026/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10301

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 BBM21-10302

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	11-Jun-2021
Project	MAHAFFY	Date Analysed	20-Jun-2021 - 19-Nov-2021
Submission Number	*LK* Mahaffy / MAH21-C-A027/ 60	Date Completed	20-Nov-2021
Core		SGS Order Number	BBM21-10302
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)
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.

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

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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%
A00507954	4.39	<5	<10	<5	0.96	<0.003
A00507955	3.86	6	40	<5	0.87	<0.003
A00507956	4.18	<5	<10	<5	0.92	<0.003
A00507957	3.79	<5	<10	<5	0.92	<0.003
A00507958	0.14	<5	<10	<5	12.08	<0.003
A00507959	3.46	<5	<10	<5	0.88	<0.003
A00507960	3.62	<5	<10	<5	1.16	<0.003
A00507961	3.53	<5	<10	<5	0.84	<0.003
A00507962	3.33	<5	<10	<5	0.85	<0.003
A00507963	0.08	9	<10	11	3.81	0.012
A00507964	3.09	<5	<10	<5	0.86	<0.003
A00507965	3.79	<5	<10	<5	0.94	<0.003
A00507966	3.41	<5	<10	<5	0.85	<0.003
A00507967	3.60	<5	<10	<5	0.80	<0.003
A00507968	-	<5	<10	<5	0.84	<0.003
A00507969	3.95	10	<10	<5	0.87	<0.003
A00507970	3.89	<5	<10	<5	0.85	<0.003
A00507971	4.07	<5	<10	<5	0.84	<0.003
A00507972	3.29	<5	<10	<5	1.09	<0.003
A00507973	3.33	<5	<10	<5	0.90	<0.003
A00507974	4.01	<5	<10	<5	0.91	<0.003
A00507975	3.79	<5	<10	<5	0.88	<0.003
A00507976	3.26	<5	<10	<5	1.04	<0.003
A00507977	3.84	<5	<10	<5	0.83	<0.003
A00507978	0.13	<5	<10	<5	12.17	<0.003
A00507979	3.22	<5	<10	<5	0.80	<0.003
A00507980	3.88	<5	<10	<5	0.81	<0.003
A00507981	3.57	<5	<10	<5	0.79	<0.003
A00507982	3.78	<5	<10	<5	0.90	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%
A00507983	0.08	9	<10	12	3.87	0.013
A00507984	3.52	<5	<10	<5	1.18	<0.003
A00507985	3.36	<5	<10	<5	1.12	<0.003
A00507986	3.47	<5	<10	<5	0.77	<0.003
A00507987	3.16	<5	<10	<5	0.82	<0.003
A00507988	-	<5	<10	<5	0.82	<0.003
A00507989	3.46	<5	<10	7	0.99	<0.003
A00507990	3.06	<5	<10	14	0.87	<0.003
A00507991	3.40	<5	<10	38	1.14	<0.003
A00507992	3.03	<5	<10	<5	1.05	<0.003
A00507993	3.58	<5	<10	<5	0.98	<0.003
A00507994	3.22	<5	<10	<5	1.02	<0.003
A00507995	3.36	5	<10	<5	1.01	<0.003
A00507996	2.84	7	<10	<5	1.03	<0.003
A00507997	4.81	<5	<10	<5	0.99	<0.003
A00507998	0.08	23	10	19	4.81	0.014
A00507999	2.84	<5	<10	<5	0.96	<0.003
A00508000	2.43	<5	<10	<5	1.04	<0.003
A00508001	3.57	6	<10	<5	0.98	<0.003
A00508002	3.60	28	<10	<5	1.02	<0.003
A00508003	-	33	<10	<5	1.03	<0.003
A00508004	3.73	7	<10	7	1.00	<0.003
A00508005	3.61	7	<10	<5	1.01	<0.003
A00508006	3.17	<5	<10	23	0.90	<0.003
A00508007	3.17	<5	<10	<5	1.02	<0.003
A00508008	0.13	<5	<10	<5	11.71	<0.003
A00508009	4.09	<5	<10	<5	0.95	<0.003
A00508010	2.88	<5	<10	<5	0.96	<0.003
A00508011	3.73	<5	<10	<5	0.96	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%
A00508012	3.46	<5	<10	<5	1.01	<0.003
A00508013	3.39	5	<10	<5	1.03	<0.003
*Dup A00507992	-	<5	<10	28	1.00	<0.003
*Std PGMS-27	-	4110	1280	1960	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	21	40	61	-	-
*Std OREAS 680	-	169	420	229	-	-
*Rep A00507968	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Rep A00507991	-	<5	<10	45	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std PGMS-27	-	4880	1220	2050	-	-
*Std OREAS 680	-	153	410	217	-	-
*Std OREAS 45f	-	20	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std PGMS-27	-	4670	1240	2030	-	-
*Rep A00508008	-	6	<10	<5	-	-
*Std OREAS 680	-	178	430	249	-	-
*Std OREAS 45f	-	21	40	63	-	-
*Blk BLANK	-	5	<10	<5	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.41	<0.003
*Blk BLANK	-	-	-	-	0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.75	0.014
*Std OREAS 680	-	-	-	-	6.98	0.011
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 680	-	-	-	-	7.11	0.010
*Std OREAS 70b	-	-	-	-	3.76	0.013
*Std SU-1B	-	-	-	-	4.36	<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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A027/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10302

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	%	%
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Rep A00507993	-	-	-	-	0.90	<0.003
*Rep A00508003	-	-	-	-	1.04	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.05	<0.003
*Std OREAS 70b	-	-	-	-	3.66	0.013
*Blk BLANK	-	-	-	-	0.01	<0.003
*Std OREAS 680	-	-	-	-	6.75	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	%	%	%	%	%	%
A00507954	<0.001	<0.0005	1.0	<0.001	0.012	0.725
A00507955	<0.001	<0.0005	0.8	<0.001	0.012	0.772
A00507956	<0.001	<0.0005	0.7	<0.001	0.011	0.776
A00507957	<0.001	<0.0005	1.4	<0.001	0.010	0.718
A00507958	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00507959	<0.001	<0.0005	0.8	<0.001	0.011	0.681
A00507960	0.002	<0.0005	1.4	<0.001	0.010	0.623
A00507961	<0.001	<0.0005	0.7	<0.001	0.010	0.707
A00507962	<0.001	<0.0005	0.4	<0.001	0.009	0.701
A00507963	0.020	<0.0005	3.1	<0.001	0.007	0.120
A00507964	<0.001	<0.0005	0.8	<0.001	0.012	0.670
A00507965	<0.001	<0.0005	0.5	<0.001	0.009	0.693
A00507966	<0.001	<0.0005	0.9	<0.001	0.011	0.664
A00507967	<0.001	<0.0005	1.0	<0.001	0.011	0.622

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00507968	<0.001	<0.0005	1.2	<0.001	0.011	0.615
A00507969	<0.001	<0.0005	1.5	<0.001	0.011	0.611
A00507970	<0.001	<0.0005	1.1	<0.001	0.010	0.604
A00507971	<0.001	<0.0005	1.5	<0.001	0.010	0.580
A00507972	0.013	<0.0005	1.1	<0.001	0.010	0.560
A00507973	0.002	<0.0005	0.4	<0.001	0.010	0.575
A00507974	0.004	<0.0005	0.6	<0.001	0.010	0.643
A00507975	<0.001	<0.0005	0.6	<0.001	0.010	0.542
A00507976	<0.001	<0.0005	1.2	<0.001	0.010	0.603
A00507977	<0.001	<0.0005	0.7	<0.001	0.010	0.574
A00507978	0.002	<0.0005	0.3	<0.001	<0.001	0.002
A00507979	<0.001	<0.0005	0.7	<0.001	0.010	0.593
A00507980	<0.001	<0.0005	0.7	<0.001	0.010	0.598
A00507981	0.001	<0.0005	0.4	<0.001	0.009	0.584
A00507982	0.017	<0.0005	1.8	<0.001	0.010	0.557
A00507983	0.020	<0.0005	3.1	<0.001	0.007	0.119
A00507984	0.001	<0.0005	1.2	<0.001	0.010	0.574
A00507985	0.002	<0.0005	1.9	<0.001	0.010	0.563
A00507986	<0.001	<0.0005	0.8	<0.001	0.012	0.599
A00507987	0.009	<0.0005	0.7	<0.001	0.011	0.662
A00507988	0.019	<0.0005	0.7	<0.001	0.011	0.648
A00507989	0.002	<0.0005	1.4	<0.001	0.010	0.593
A00507990	<0.001	<0.0005	0.9	<0.001	0.011	0.602
A00507991	<0.001	<0.0005	1.4	<0.001	0.009	0.551
A00507992	0.001	<0.0005	1.5	<0.001	0.010	0.574
A00507993	<0.001	<0.0005	1.7	<0.001	0.011	0.643
A00507994	<0.001	<0.0005	0.9	<0.001	0.010	0.612
A00507995	<0.001	<0.0005	1.0	<0.001	0.010	0.564
A00507996	<0.001	<0.0005	1.7	<0.001	0.014	0.554

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00507997	0.003	<0.0005	1.2	<0.001	0.009	0.500
A00507998	0.033	<0.0005	2.8	<0.001	0.013	0.094
A00507999	0.006	<0.0005	1.2	<0.001	0.010	0.479
A00508000	0.002	<0.0005	0.8	<0.001	0.010	0.515
A00508001	0.006	<0.0005	1.0	<0.001	0.010	0.488
A00508002	0.006	<0.0005	0.8	<0.001	0.010	0.555
A00508003	0.007	<0.0005	0.9	<0.001	0.010	0.547
A00508004	0.062	<0.0005	0.6	<0.001	0.010	0.583
A00508005	0.019	<0.0005	0.6	<0.001	0.010	0.587
A00508006	0.037	<0.0005	0.9	<0.001	0.010	0.525
A00508007	0.006	<0.0005	1.2	<0.001	0.011	0.540
A00508008	0.002	<0.0005	0.3	<0.001	<0.001	<0.001
A00508009	0.366	<0.0005	1.4	<0.001	0.011	0.544
A00508010	0.130	<0.0005	2.3	<0.001	0.010	0.575
A00508011	0.001	<0.0005	1.2	<0.001	0.010	0.606
A00508012	0.024	<0.0005	0.8	<0.001	0.010	0.566
A00508013	<0.001	<0.0005	0.5	<0.001	0.011	0.625
*Dup A00507992	0.002	<0.0005	2.3	<0.001	0.009	0.457
*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	0.063	0.031
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.020	<0.0005	3.1	<0.001	0.008	0.120
*Std OREAS 680	0.065	<0.0005	5.7	<0.001	0.034	0.209
*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	0.032	0.204
*Std OREAS 70b	0.019	<0.0005	3.0	<0.001	0.007	0.116
*Std SU-1B	0.035	<0.0005	2.3	<0.001	0.061	0.036
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Rep A00507993	<0.001	<0.0005	1.5	<0.001	0.010	0.564

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A027/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10302

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 A00508003	0.007	<0.0005	0.9	<0.001	0.010	0.524
*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	0.033
*Std OREAS 70b	0.019	<0.0005	2.9	<0.001	0.008	0.119
*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	0.033	0.216

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	%	%	%	%	%	%
A00507954	<0.001	5.72	<0.1	<0.001	<0.001	20.69
A00507955	<0.001	5.87	<0.1	<0.001	<0.001	21.63
A00507956	<0.001	6.12	<0.1	<0.001	<0.001	21.82
A00507957	<0.001	5.86	<0.1	<0.001	0.001	21.17
A00507958	<0.001	0.67	4.0	<0.001	0.004	0.08
A00507959	<0.001	5.93	<0.1	<0.001	<0.001	22.08
A00507960	<0.001	5.67	0.1	<0.001	<0.001	21.51
A00507961	<0.001	6.21	<0.1	<0.001	<0.001	22.20
A00507962	<0.001	6.41	<0.1	<0.001	<0.001	21.62
A00507963	0.004	5.44	0.6	0.001	0.003	13.54
A00507964	<0.001	5.83	<0.1	<0.001	<0.001	21.03
A00507965	<0.001	6.55	<0.1	<0.001	<0.001	21.88
A00507966	<0.001	6.17	<0.1	<0.001	<0.001	21.80
A00507967	0.009	5.69	<0.1	<0.001	<0.001	20.66
A00507968	0.012	5.99	<0.1	<0.001	<0.001	21.39
A00507969	0.043	5.67	<0.1	<0.001	<0.001	21.02

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00507970	<0.001	5.82	<0.1	<0.001	<0.001	20.92
A00507971	<0.001	5.50	<0.1	<0.001	<0.001	20.73
A00507972	<0.001	5.43	0.2	<0.001	<0.001	20.18
A00507973	<0.001	5.67	<0.1	<0.001	<0.001	20.63
A00507974	0.005	5.45	<0.1	<0.001	<0.001	19.67
A00507975	0.009	5.71	<0.1	<0.001	<0.001	20.11
A00507976	<0.001	5.78	<0.1	<0.001	<0.001	19.46
A00507977	<0.001	5.67	<0.1	<0.001	<0.001	20.62
A00507978	<0.001	0.55	4.0	<0.001	0.002	0.08
A00507979	<0.001	5.52	<0.1	<0.001	<0.001	19.68
A00507980	<0.001	5.64	<0.1	<0.001	<0.001	20.55
A00507981	<0.001	5.42	<0.1	<0.001	<0.001	19.91
A00507982	0.010	6.67	<0.1	<0.001	<0.001	19.95
A00507983	0.004	5.50	0.6	0.001	0.003	13.38
A00507984	<0.001	6.05	0.1	<0.001	<0.001	21.07
A00507985	0.002	5.60	<0.1	<0.001	<0.001	20.52
A00507986	<0.001	5.80	<0.1	<0.001	<0.001	21.42
A00507987	<0.001	6.19	<0.1	<0.001	<0.001	22.02
A00507988	<0.001	6.25	<0.1	<0.001	<0.001	22.09
A00507989	<0.001	5.94	<0.1	<0.001	<0.001	20.84
A00507990	<0.001	5.73	<0.1	<0.001	<0.001	21.19
A00507991	<0.001	6.22	<0.1	<0.001	<0.001	20.42
A00507992	<0.001	5.62	<0.1	<0.001	<0.001	20.57
A00507993	<0.001	6.39	<0.1	<0.001	<0.001	22.39
A00507994	<0.001	5.79	<0.1	<0.001	<0.001	20.91
A00507995	<0.001	5.93	<0.1	<0.001	<0.001	21.03
A00507996	0.002	5.46	<0.1	<0.001	<0.001	19.98
A00507997	<0.001	5.43	0.3	<0.001	<0.001	19.35
A00507998	0.022	6.62	1.1	0.002	0.003	9.38

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00507999	<0.001	5.39	0.3	<0.001	0.001	18.91
A00508000	<0.001	5.57	0.3	<0.001	<0.001	19.82
A00508001	<0.001	5.66	0.3	<0.001	<0.001	19.47
A00508002	0.008	5.73	<0.1	<0.001	<0.001	19.22
A00508003	0.010	6.02	<0.1	<0.001	<0.001	19.69
A00508004	<0.001	5.28	<0.1	<0.001	<0.001	19.88
A00508005	0.007	5.40	<0.1	<0.001	<0.001	19.70
A00508006	<0.001	6.33	<0.1	<0.001	<0.001	19.39
A00508007	<0.001	5.84	<0.1	<0.001	<0.001	20.82
A00508008	<0.001	0.68	3.9	<0.001	0.003	0.07
A00508009	<0.001	5.75	<0.1	<0.001	<0.001	19.93
A00508010	<0.001	5.42	<0.1	<0.001	0.001	19.23
A00508011	0.001	5.72	<0.1	<0.001	<0.001	18.94
A00508012	0.002	5.74	<0.1	<0.001	0.002	19.44
A00508013	0.001	6.06	<0.1	<0.001	0.001	19.92
*Dup A00507992	<0.001	5.87	<0.1	<0.001	<0.001	20.69
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.191	>25.00	0.6	0.001	0.001	1.90
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 70b	0.004	5.35	0.6	0.001	0.004	13.50
*Std OREAS 680	0.904	11.35	1.3	0.002	0.001	3.55
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.902	11.64	1.3	0.002	<0.001	3.67
*Std OREAS 70b	0.004	5.34	0.6	0.001	0.003	13.10
*Std SU-1B	1.161	>25.00	0.6	0.001	<0.001	1.82
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Rep A00507993	<0.001	5.94	<0.1	<0.001	<0.001	21.08
*Rep A00508003	0.010	6.00	<0.1	<0.001	<0.001	19.22
*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

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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	1.154	>25.00	0.6	0.001	<0.001	1.70
*Std OREAS 70b	0.005	5.51	0.6	0.001	0.003	13.41
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.878	11.99	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	%	%	%	%	%	%
A00507954	0.109	<0.001	0.211	0.02	<0.002	<0.01
A00507955	0.094	<0.001	0.214	0.01	<0.002	<0.01
A00507956	0.080	<0.001	0.230	0.03	<0.002	<0.01
A00507957	0.087	<0.001	0.213	0.03	<0.002	<0.01
A00507958	0.012	<0.001	<0.001	0.02	<0.002	<0.01
A00507959	0.095	<0.001	0.224	0.01	<0.002	<0.01
A00507960	0.091	<0.001	0.214	0.04	<0.002	<0.01
A00507961	0.082	<0.001	0.230	0.01	<0.002	<0.01
A00507962	0.065	<0.001	0.231	0.02	<0.002	<0.01
A00507963	0.114	<0.001	0.220	0.03	<0.002	0.23
A00507964	0.081	<0.001	0.233	0.02	<0.002	<0.01
A00507965	0.067	<0.001	0.235	<0.01	<0.002	<0.01
A00507966	0.089	<0.001	0.227	0.03	<0.002	<0.01
A00507967	0.103	<0.001	0.218	0.02	<0.002	<0.01
A00507968	0.108	<0.001	0.221	0.01	<0.002	<0.01
A00507969	0.093	<0.001	0.217	<0.01	<0.002	0.01
A00507970	0.096	<0.001	0.218	<0.01	<0.002	<0.01
A00507971	0.084	<0.001	0.202	<0.01	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00507972	0.095	<0.001	0.208	0.01	<0.002	<0.01
A00507973	0.091	<0.001	0.220	<0.01	<0.002	<0.01
A00507974	0.085	<0.001	0.213	0.02	<0.002	<0.01
A00507975	0.092	<0.001	0.209	<0.01	<0.002	<0.01
A00507976	0.090	<0.001	0.210	0.01	<0.002	<0.01
A00507977	0.091	<0.001	0.211	<0.01	<0.002	<0.01
A00507978	0.010	<0.001	<0.001	0.01	<0.002	<0.01
A00507979	0.092	<0.001	0.213	<0.01	<0.002	<0.01
A00507980	0.094	<0.001	0.214	<0.01	<0.002	<0.01
A00507981	0.091	<0.001	0.200	0.01	<0.002	<0.01
A00507982	0.099	<0.001	0.194	0.02	<0.002	<0.01
A00507983	0.117	<0.001	0.221	0.01	<0.002	0.23
A00507984	0.106	<0.001	0.205	0.02	<0.002	<0.01
A00507985	0.090	<0.001	0.200	<0.01	<0.002	<0.01
A00507986	0.098	<0.001	0.219	<0.01	<0.002	<0.01
A00507987	0.094	<0.001	0.238	<0.01	<0.002	<0.01
A00507988	0.093	<0.001	0.235	<0.01	<0.002	<0.01
A00507989	0.093	<0.001	0.214	0.01	<0.002	<0.01
A00507990	0.082	<0.001	0.223	<0.01	<0.002	<0.01
A00507991	0.067	<0.001	0.200	<0.01	<0.002	<0.01
A00507992	0.093	<0.001	0.211	<0.01	<0.002	<0.01
A00507993	0.110	<0.001	0.224	0.01	<0.002	<0.01
A00507994	0.085	<0.001	0.211	0.02	<0.002	<0.01
A00507995	0.095	<0.001	0.230	<0.01	<0.002	<0.01
A00507996	0.073	<0.001	0.336	0.02	<0.002	0.03
A00507997	0.082	<0.001	0.198	<0.01	<0.002	<0.01
A00507998	0.100	<0.001	0.700	0.02	<0.002	1.30
A00507999	0.082	<0.001	0.196	0.02	<0.002	<0.01
A00508000	0.082	<0.001	0.198	0.02	<0.002	<0.01

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00508001	0.084	<0.001	0.180	<0.01	<0.002	<0.01
A00508002	0.092	<0.001	0.193	0.02	<0.002	<0.01
A00508003	0.092	<0.001	0.195	0.01	<0.002	<0.01
A00508004	0.083	<0.001	0.207	<0.01	<0.002	<0.01
A00508005	0.088	<0.001	0.203	<0.01	<0.002	<0.01
A00508006	0.081	<0.001	0.188	0.03	<0.002	<0.01
A00508007	0.090	<0.001	0.212	0.02	<0.002	<0.01
A00508008	0.011	<0.001	<0.001	0.02	<0.002	<0.01
A00508009	0.089	<0.001	0.201	0.01	<0.002	0.14
A00508010	0.088	<0.001	0.187	0.01	<0.002	0.01
A00508011	0.084	<0.001	0.200	0.01	<0.002	<0.01
A00508012	0.088	<0.001	0.201	0.02	<0.002	<0.01
A00508013	0.094	<0.001	0.212	0.02	<0.002	<0.01
*Dup A00507992	0.097	<0.001	0.182	<0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.01
*Std SU-1B	0.071	<0.001	1.948	0.08	0.004	>10.00
*Blk BLANK	<0.001	<0.001	<0.001	0.02	<0.002	<0.01
*Std OREAS 70b	0.116	<0.001	0.216	0.04	<0.002	0.24
*Std OREAS 680	0.128	<0.001	2.142	0.15	0.251	4.90
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std OREAS 680	0.131	<0.001	2.229	0.13	0.246	4.91
*Std OREAS 70b	0.113	<0.001	0.218	0.03	<0.002	0.22
*Std SU-1B	0.072	<0.001	1.938	0.07	0.005	>10.00
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Rep A00507993	0.102	<0.001	0.212	0.02	<0.002	<0.01
*Rep A00508003	0.092	<0.001	0.195	0.02	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.01
*Std SU-1B	0.067	<0.001	1.954	0.08	0.005	>10.00
*Std OREAS 70b	0.109	<0.001	0.219	0.04	<0.002	0.22

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	<0.01
*Std OREAS 680	0.124	<0.001	2.171	0.13	0.246	5.12

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	%	%	%	%	%	%
A00507954	<0.005	0.0005	16.1	<0.005	0.003	0.07
A00507955	<0.005	<0.0005	16.7	<0.005	0.002	0.05
A00507956	<0.005	<0.0005	16.8	<0.005	0.003	0.05
A00507957	<0.005	<0.0005	16.4	<0.005	0.003	0.04
A00507958	<0.005	<0.0005	27.6	<0.005	0.004	<0.01
A00507959	<0.005	0.0006	16.3	<0.005	0.001	0.05
A00507960	<0.005	0.0007	16.9	<0.005	0.002	0.08
A00507961	<0.005	0.0006	16.7	<0.005	0.002	0.05
A00507962	<0.005	0.0006	16.7	<0.005	0.001	0.05
A00507963	<0.005	0.0010	22.7	<0.005	0.007	0.18
A00507964	<0.005	0.0006	16.0	<0.005	0.002	0.04
A00507965	<0.005	0.0006	16.9	<0.005	0.001	0.05
A00507966	<0.005	0.0005	16.6	<0.005	0.002	0.05
A00507967	<0.005	<0.0005	15.9	<0.005	0.005	0.05
A00507968	<0.005	0.0006	16.5	<0.005	0.007	0.05
A00507969	<0.005	0.0006	16.3	<0.005	0.006	0.05
A00507970	<0.005	0.0006	15.6	<0.005	0.004	0.05
A00507971	<0.005	0.0006	16.0	<0.005	0.007	0.05
A00507972	<0.005	0.0007	15.0	<0.005	0.005	0.08
A00507973	<0.005	0.0006	15.9	<0.005	0.003	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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00507974	<0.005	0.0005	15.4	<0.005	0.003	0.05
A00507975	<0.005	0.0005	15.1	<0.005	0.002	0.06
A00507976	<0.005	<0.0005	15.6	<0.005	0.005	0.07
A00507977	<0.005	0.0006	15.7	<0.005	0.002	0.04
A00507978	<0.005	<0.0005	27.3	<0.005	0.003	<0.01
A00507979	<0.005	0.0006	15.0	<0.005	0.002	0.05
A00507980	<0.005	0.0006	15.1	<0.005	0.002	0.05
A00507981	<0.005	0.0005	14.3	<0.005	0.001	0.04
A00507982	<0.005	<0.0005	14.9	<0.005	0.008	0.06
A00507983	<0.005	0.0011	22.4	<0.005	0.007	0.18
A00507984	<0.005	0.0006	14.6	<0.005	0.004	0.08
A00507985	<0.005	0.0006	16.2	<0.005	0.011	0.07
A00507986	<0.005	<0.0005	16.2	<0.005	0.003	0.05
A00507987	<0.005	<0.0005	16.5	<0.005	0.001	0.05
A00507988	<0.005	0.0006	16.7	<0.005	0.002	0.05
A00507989	<0.005	0.0006	16.6	<0.005	0.004	0.07
A00507990	<0.005	0.0006	16.8	<0.005	0.003	0.05
A00507991	<0.005	0.0006	16.7	<0.005	0.016	0.07
A00507992	<0.005	0.0005	16.4	<0.005	0.008	0.05
A00507993	<0.005	0.0005	17.1	<0.005	0.005	0.07
A00507994	<0.005	<0.0005	16.5	<0.005	0.003	0.07
A00507995	<0.005	0.0007	16.0	<0.005	0.003	0.06
A00507996	<0.005	0.0007	16.7	<0.005	0.004	0.06
A00507997	<0.005	0.0006	15.5	<0.005	0.003	0.06
A00507998	<0.005	0.0011	24.1	<0.005	0.006	0.21
A00507999	<0.005	0.0006	14.7	<0.005	0.003	0.06
A00508000	<0.005	0.0006	15.6	<0.005	0.002	0.07
A00508001	<0.005	0.0006	15.1	<0.005	0.003	0.06
A00508002	<0.005	0.0006	14.3	<0.005	0.002	0.06

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%	%	%	%	%	%
A00508003	<0.005	0.0005	14.5	<0.005	0.002	0.06
A00508004	<0.005	0.0007	15.4	<0.005	0.003	0.06
A00508005	<0.005	0.0006	15.5	<0.005	0.002	0.06
A00508006	0.007	0.0006	13.7	<0.005	0.003	0.06
A00508007	0.011	0.0006	15.9	<0.005	0.002	0.06
A00508008	<0.005	<0.0005	25.8	<0.005	0.003	<0.01
A00508009	0.009	0.0006	15.2	<0.005	0.016	0.06
A00508010	0.007	0.0005	14.0	<0.005	0.011	0.06
A00508011	0.008	0.0006	14.1	<0.005	0.003	0.06
A00508012	0.007	0.0006	14.2	<0.005	0.003	0.06
A00508013	0.008	0.0005	14.6	<0.005	0.001	0.06
*Dup A00507992	<0.005	<0.0005	15.9	<0.005	0.010	0.06
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0007	15.5	<0.005	0.030	0.21
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	0.02
*Std OREAS 70b	<0.005	0.0009	22.9	<0.005	0.008	0.17
*Std OREAS 680	<0.005	0.0020	20.0	<0.005	0.043	0.50
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0021	20.4	<0.005	0.042	0.51
*Std OREAS 70b	<0.005	0.0011	22.5	<0.005	0.007	0.18
*Std SU-1B	<0.005	0.0008	15.8	<0.005	0.030	0.22
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Rep A00507993	<0.005	<0.0005	15.6	<0.005	0.004	0.07
*Rep A00508003	<0.005	<0.0005	14.3	<0.005	0.002	0.07
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std SU-1B	<0.005	0.0007	13.9	<0.005	0.029	0.21
*Std OREAS 70b	<0.005	0.0010	22.5	<0.005	0.007	0.17
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 680	<0.005	0.0020	20.0	<0.005	0.039	0.49

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A027/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10302

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	%
A00507954	0.004	<0.005	<0.0005	0.007	-	0.088
A00507955	0.004	<0.005	<0.0005	0.006	-	0.073
A00507956	0.004	<0.005	<0.0005	0.007	-	0.084
A00507957	0.004	<0.005	<0.0005	0.006	-	0.083
A00507958	<0.001	<0.005	<0.0005	0.002	-	0.007
A00507959	0.004	<0.005	<0.0005	0.006	-	0.088
A00507960	0.005	<0.005	<0.0005	0.006	-	0.060
A00507961	0.004	<0.005	<0.0005	0.006	-	0.091
A00507962	0.004	<0.005	<0.0005	0.007	-	0.061
A00507963	0.007	<0.005	0.0010	0.011	-	0.330
A00507964	0.004	<0.005	<0.0005	0.006	-	0.077
A00507965	0.004	<0.005	<0.0005	0.007	-	0.088
A00507966	0.004	<0.005	<0.0005	0.006	-	0.064
A00507967	0.004	<0.005	<0.0005	0.006	-	0.102
A00507968	0.004	<0.005	<0.0005	0.006	-	0.068
A00507969	0.004	<0.005	<0.0005	0.006	-	0.090
A00507970	0.004	<0.005	<0.0005	0.006	-	0.071
A00507971	0.004	<0.005	<0.0005	0.006	-	0.047
A00507972	0.004	<0.005	<0.0005	0.006	-	0.095
A00507973	0.004	<0.005	<0.0005	0.005	-	0.048
A00507974	0.004	<0.005	<0.0005	0.006	-	0.047
A00507975	0.004	<0.005	<0.0005	0.006	-	0.072
A00507976	0.004	<0.005	<0.0005	0.008	-	0.043
A00507977	0.004	<0.005	<0.0005	0.006	-	0.044
A00507978	<0.001	<0.005	<0.0005	0.002	-	0.006
A00507979	0.004	<0.005	<0.0005	0.006	-	0.063
A00507980	0.004	<0.005	<0.0005	0.006	2.91	0.046
A00507981	0.004	<0.005	<0.0005	0.006	-	0.044

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A027/ 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10302

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	%
A00507982	0.004	<0.005	<0.0005	0.005	-	0.053
A00507983	0.007	<0.005	0.0009	0.011	-	0.334
A00507984	0.004	<0.005	<0.0005	0.005	-	0.055
A00507985	0.004	<0.005	<0.0005	0.005	-	0.056
A00507986	0.004	<0.005	<0.0005	0.006	-	0.096
A00507987	0.004	<0.005	<0.0005	0.006	-	0.076
A00507988	0.004	<0.005	<0.0005	0.006	-	0.082
A00507989	0.005	<0.005	<0.0005	0.006	-	0.083
A00507990	0.005	<0.005	<0.0005	0.006	-	0.064
A00507991	0.006	<0.005	<0.0005	0.004	-	0.045
A00507992	0.005	<0.005	<0.0005	0.006	-	0.060
A00507993	0.005	<0.005	<0.0005	0.006	-	0.073
A00507994	0.005	<0.005	<0.0005	0.006	-	0.056
A00507995	0.005	<0.005	<0.0005	0.006	-	0.063
A00507996	0.005	<0.005	<0.0005	0.006	-	0.129
A00507997	0.005	<0.005	<0.0005	0.005	-	0.032
A00507998	0.007	<0.005	0.0014	0.009	-	1.471
A00507999	0.004	<0.005	<0.0005	0.005	-	0.023
A00508000	0.005	<0.005	<0.0005	0.005	-	0.017
A00508001	0.004	<0.005	<0.0005	0.005	-	0.018
A00508002	0.004	<0.005	<0.0005	0.005	-	0.022
A00508003	0.005	<0.005	<0.0005	0.005	-	0.038
A00508004	0.005	<0.005	<0.0005	0.005	-	0.035
A00508005	0.004	<0.005	<0.0005	0.005	-	0.019
A00508006	0.005	<0.005	<0.0005	0.007	-	0.059
A00508007	0.004	<0.005	<0.0005	0.007	-	0.042
A00508008	<0.001	<0.005	<0.0005	0.002	-	0.011
A00508009	0.004	<0.005	<0.0005	0.006	-	0.249
A00508010	0.004	<0.005	<0.0005	0.007	-	0.110

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A027/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10302

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	%
A00508011	0.004	<0.005	<0.0005	0.007	-	0.020
A00508012	0.004	<0.005	<0.0005	0.008	-	0.067
A00508013	0.005	<0.005	<0.0005	0.008	-	0.016
*Dup A00507992	0.005	<0.005	<0.0005	0.004	-	0.047
*Rep A00508013	-	-	-	-	-	0.016
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.635
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.505
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std SU-1B	0.008	<0.005	0.0006	0.027	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 70b	0.007	<0.005	0.0009	0.011	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.213	-	-
*Std GS314-2	-	-	-	-	-	2.540
*Blk BLANK	-	-	-	-	-	<0.005
*Rep A00507976	-	-	-	-	-	0.042
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.521
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 680	0.023	<0.005	0.0015	0.236	-	-
*Std OREAS 70b	0.006	<0.005	0.0009	0.011	-	-
*Std SU-1B	0.009	<0.005	0.0007	0.027	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Rep A00507993	0.005	<0.005	<0.0005	0.006	-	-
*Rep A00508003	0.005	<0.005	<0.0005	0.005	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	0.001	-	-
*Std SU-1B	0.007	0.007	0.0006	0.028	-	-
*Std OREAS 70b	0.006	<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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A027/ 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10302

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	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 680	0.022	<0.005	0.0014	0.223	-	-

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 BBM21-10303

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	11-Jun-2021
Project	MAHAFFY	Date Analysed	20-Jun-2021 - 16-Dec-2021
Submission Number	*LK* Mahaffy / MAH21-C-A028 / 60	Date Completed	26-Dec-2021
Core		SGS Order Number	BBM21-10303
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)
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

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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A028 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10303

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%
A00508014	3.49	7	<10	<5	1.03	<0.003
A00508015	3.79	8	<10	6	0.94	<0.003
A00508016	4.11	<5	<10	<5	1.02	<0.003
A00508017	3.61	8	<10	<5	1.03	<0.003
A00508018	-	9	<10	<5	1.06	<0.003
A00508019	4.29	<5	<10	<5	1.02	<0.003
A00508020	3.42	6	<10	7	1.05	<0.003
A00508021	3.57	<5	<10	<5	0.93	<0.003
A00508022	3.38	6	<10	27	0.82	<0.003
A00508023	0.14	<5	<10	<5	11.59	<0.003
A00508024	3.56	6	<10	<5	0.78	<0.003
A00508025	3.35	38	<10	14	0.71	<0.003
A00508026	3.51	<5	<10	7	0.73	<0.003
A00508027	3.42	<5	<10	<5	0.75	<0.003
A00508028	0.08	18	<10	17	4.64	0.013
A00508029	3.03	9	<10	<5	0.76	<0.003
A00508030	3.14	14	<10	<5	0.63	<0.003
A00508031	3.09	17	<10	<5	0.61	0.007
A00508032	3.38	10	<10	<5	0.72	<0.003
A00508033	3.04	11	<10	<5	0.66	<0.003
A00508034	3.32	13	<10	<5	0.73	<0.003
A00508035	3.01	9	<10	<5	0.68	<0.003
A00508036	3.59	7	<10	<5	0.66	<0.003
A00508037	2.94	10	<10	<5	0.71	<0.003
A00508038	-	9	<10	<5	0.73	<0.003
A00508039	3.21	6	<10	<5	1.07	<0.003
A00508040	3.27	6	<10	<5	0.94	<0.003
A00508041	3.20	6	<10	<5	0.69	<0.003
A00508042	3.20	5	<10	<5	0.69	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%
A00508043	0.14	<5	<10	<5	11.65	<0.003
A00508044	3.27	6	<10	<5	0.61	<0.003
A00508045	3.15	6	<10	<5	0.63	<0.003
A00508046	3.36	5	<10	<5	0.63	<0.003
A00508047	3.50	<5	<10	<5	0.67	<0.003
A00508048	0.08	10	<10	12	3.65	0.013
A00508049	3.02	<5	<10	<5	0.60	<0.003
A00508050	4.55	<5	<10	<5	0.66	<0.003
A00508051	3.54	<5	<10	<5	0.72	<0.003
A00508052	3.94	7	<10	<5	0.85	<0.003
A00508053	3.40	6	<10	<5	0.72	0.004
A00508054	3.26	40	<10	<5	0.59	0.003
A00508055	3.45	6	<10	<5	0.62	<0.003
A00508056	3.68	<5	<10	<5	0.60	<0.003
A00508057	3.39	<5	<10	<5	0.73	0.004
A00508058	0.14	<5	<10	<5	12.51	<0.003
A00508059	3.46	<5	<10	<5	0.68	0.004
A00508060	3.23	<5	<10	<5	0.60	<0.003
A00508061	2.94	<5	<10	<5	0.61	<0.003
A00508062	3.40	10	<10	<5	0.62	<0.003
A00508063	-	<5	<10	<5	0.61	<0.003
A00508064	3.27	<5	<10	<5	0.74	<0.003
A00508065	3.25	<5	<10	<5	0.63	<0.003
A00508066	2.79	5	<10	<5	0.53	<0.003
A00508067	3.44	<5	<10	<5	0.58	<0.003
A00508068	0.08	9	<10	11	3.77	0.015
A00508069	3.68	<5	<10	<5	0.62	<0.003
A00508070	3.03	<5	<10	<5	0.58	<0.003
A00508071	2.90	<5	<10	<5	0.67	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%
A00508072	3.32	<5	<10	<5	0.60	<0.003
A00508073	3.06	<5	<10	<5	0.62	<0.003
*Dup A00508052	-	7	<10	<5	0.75	<0.003
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	163	400	225	-	-
*Std PGMS-27	-	4780	1170	1940	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	56	-	-
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.83	0.016
*Std SU-1B	-	-	-	-	4.27	<0.003
*Std OREAS 680	-	-	-	-	7.11	0.012
*Blk BLANK	-	-	-	-	0.02	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.05	<0.003
*Std OREAS 70b	-	-	-	-	3.66	0.013
*Rep A00508021	-	-	-	-	0.95	<0.003
*Rep A00508024	-	-	-	-	0.75	<0.003
*Blk BLANK	-	-	-	-	0.01	<0.003
*Std OREAS 680	-	-	-	-	6.75	0.010
*Blk BLANK	-	<5	<10	<5	-	-
*Std PGMS-27	-	4880	1220	2050	-	-
*Std OREAS 680	-	153	410	217	-	-
*Std OREAS 45f	-	20	40	61	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std PGMS-27	-	4670	1240	2030	-	-
*Std OREAS 680	-	178	430	249	-	-
*Std OREAS 45f	-	21	40	63	-	-
*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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%
*Rep A00508046	-	5	<10	<5	-	-
*Rep A00508057	-	<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	%	%	%	%	%	%
A00508014	0.019	<0.0005	1.4	<0.001	0.011	0.636
A00508015	0.002	<0.0005	1.1	<0.001	0.011	0.597
A00508016	0.032	<0.0005	0.5	<0.001	0.011	0.605
A00508017	0.038	<0.0005	0.9	<0.001	0.010	0.549
A00508018	0.042	<0.0005	1.1	<0.001	0.011	0.586
A00508019	0.103	<0.0005	1.0	<0.001	0.011	0.609
A00508020	0.023	<0.0005	1.0	<0.001	0.012	0.579
A00508021	0.043	<0.0005	0.6	<0.001	0.011	0.687
A00508022	0.002	<0.0005	1.1	<0.001	0.010	0.656
A00508023	0.002	<0.0005	0.3	<0.001	<0.001	0.040
A00508024	0.006	<0.0005	0.6	<0.001	0.010	0.633
A00508025	0.024	<0.0005	0.8	<0.001	0.010	0.629
A00508026	0.001	<0.0005	0.5	<0.001	0.011	0.780
A00508027	<0.001	<0.0005	0.7	<0.001	0.010	0.729
A00508028	0.033	<0.0005	2.8	<0.001	0.014	0.098
A00508029	<0.001	<0.0005	0.7	<0.001	0.011	0.743
A00508030	0.001	<0.0005	0.8	<0.001	0.012	0.844
A00508031	0.343	<0.0005	1.5	<0.001	0.011	0.728
A00508032	0.002	<0.0005	0.9	<0.001	0.011	0.714
A00508033	<0.001	<0.0005	0.8	<0.001	0.012	0.855

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508034	<0.001	<0.0005	0.4	<0.001	0.012	0.723
A00508035	<0.001	<0.0005	0.6	<0.001	0.011	0.691
A00508036	<0.001	<0.0005	0.9	<0.001	0.011	0.633
A00508037	0.001	<0.0005	0.9	<0.001	0.011	0.663
A00508038	<0.001	<0.0005	0.9	<0.001	0.011	0.597
A00508039	0.006	<0.0005	6.2	<0.001	0.009	0.455
A00508040	<0.001	<0.0005	1.9	<0.001	0.011	0.634
A00508041	<0.001	<0.0005	1.7	<0.001	0.011	0.664
A00508042	<0.001	<0.0005	1.3	<0.001	0.011	0.669
A00508043	0.002	<0.0005	0.3	<0.001	<0.001	0.025
A00508044	<0.001	<0.0005	1.3	<0.001	0.011	0.647
A00508045	<0.001	<0.0005	1.0	<0.001	0.012	0.657
A00508046	<0.001	<0.0005	0.6	<0.001	0.012	0.665
A00508047	<0.001	<0.0005	1.2	<0.001	0.010	0.612
A00508048	0.019	<0.0005	3.0	<0.001	0.008	0.129
A00508049	0.100	<0.0005	0.7	<0.001	0.012	0.763
A00508050	<0.001	<0.0005	1.4	<0.001	0.011	0.615
A00508051	<0.001	<0.0005	0.9	<0.001	0.011	0.595
A00508052	<0.001	<0.0005	0.6	<0.001	0.012	0.707
A00508053	<0.001	<0.0005	1.2	<0.001	0.010	0.540
A00508054	<0.001	<0.0005	0.6	<0.001	0.011	0.592
A00508055	<0.001	<0.0005	0.7	<0.001	0.010	0.577
A00508056	<0.001	<0.0005	1.7	<0.001	0.011	0.591
A00508057	<0.001	<0.0005	1.7	<0.001	0.009	0.654
A00508058	0.002	<0.0005	0.3	<0.001	<0.001	0.025
A00508059	<0.001	<0.0005	1.0	<0.001	0.009	0.665
A00508060	<0.001	<0.0005	0.3	<0.001	0.010	0.655
A00508061	<0.001	<0.0005	0.5	<0.001	0.010	0.703
A00508062	<0.001	<0.0005	0.6	<0.001	0.011	0.724

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A028 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508063	<0.001	<0.0005	0.6	<0.001	0.011	0.735
A00508064	<0.001	<0.0005	1.0	<0.001	0.011	0.674
A00508065	<0.001	<0.0005	1.1	<0.001	0.010	0.640
A00508066	<0.001	<0.0005	1.0	<0.001	0.010	0.559
A00508067	<0.001	<0.0005	1.1	<0.001	0.010	0.689
A00508068	0.020	<0.0005	3.1	<0.001	0.008	0.124
A00508069	<0.001	<0.0005	1.1	<0.001	0.010	0.630
A00508070	<0.001	<0.0005	0.9	<0.001	0.011	0.670
A00508071	<0.001	<0.0005	0.7	<0.001	0.011	0.667
A00508072	<0.001	<0.0005	0.7	<0.001	0.010	0.623
A00508073	<0.001	<0.0005	0.7	<0.001	0.011	0.694
*Dup A00508052	<0.001	<0.0005	1.2	<0.001	0.009	0.527
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.020	<0.0005	3.1	<0.001	0.007	0.118
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.063	0.032
*Std OREAS 680	0.065	<0.0005	5.7	<0.001	0.032	0.206
*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	0.033
*Std OREAS 70b	0.019	<0.0005	2.9	<0.001	0.008	0.119
*Rep A00508021	0.043	<0.0005	0.7	<0.001	0.011	0.658
*Rep A00508024	0.005	<0.0005	0.5	<0.001	0.010	0.667
*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	0.033	0.216

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508014	0.002	5.86	<0.1	<0.001	<0.001	20.02
A00508015	0.014	5.83	<0.1	<0.001	<0.001	18.39
A00508016	<0.001	5.99	<0.1	<0.001	0.001	19.48
A00508017	0.005	5.79	<0.1	<0.001	0.002	19.50
A00508018	0.008	6.10	<0.1	<0.001	<0.001	19.75
A00508019	<0.001	5.85	<0.1	<0.001	<0.001	19.48
A00508020	0.004	6.46	<0.1	<0.001	<0.001	18.93
A00508021	<0.001	5.29	<0.1	<0.001	<0.001	20.18
A00508022	0.002	5.25	<0.1	<0.001	<0.001	19.98
A00508023	<0.001	1.12	3.9	<0.001	0.003	0.20
A00508024	<0.001	5.27	0.1	<0.001	<0.001	20.21
A00508025	0.008	5.41	<0.1	<0.001	<0.001	20.05
A00508026	<0.001	4.97	<0.1	<0.001	<0.001	20.74
A00508027	<0.001	5.34	<0.1	<0.001	<0.001	21.41
A00508028	0.022	7.11	1.1	0.002	0.003	9.74
A00508029	<0.001	5.71	<0.1	<0.001	<0.001	22.19
A00508030	<0.001	5.74	<0.1	<0.001	<0.001	22.35
A00508031	<0.001	5.59	<0.1	<0.001	<0.001	21.02
A00508032	<0.001	5.29	<0.1	<0.001	<0.001	21.86
A00508033	<0.001	5.16	<0.1	<0.001	<0.001	22.08
A00508034	<0.001	5.17	<0.1	<0.001	<0.001	22.88
A00508035	<0.001	5.16	<0.1	<0.001	<0.001	23.07
A00508036	<0.001	5.00	<0.1	<0.001	<0.001	22.27
A00508037	<0.001	4.96	<0.1	<0.001	<0.001	22.35
A00508038	<0.001	5.00	<0.1	<0.001	<0.001	22.65
A00508039	<0.001	6.15	<0.1	0.006	<0.001	18.57
A00508040	0.004	5.37	<0.1	0.001	<0.001	21.88
A00508041	0.002	4.99	<0.1	<0.001	<0.001	22.10
A00508042	0.002	5.32	<0.1	<0.001	<0.001	22.22

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508043	<0.001	1.04	3.8	<0.001	0.003	0.08
A00508044	<0.001	5.14	<0.1	<0.001	<0.001	22.23
A00508045	<0.001	5.03	<0.1	<0.001	<0.001	23.34
A00508046	<0.001	5.11	<0.1	<0.001	<0.001	23.12
A00508047	<0.001	4.99	<0.1	<0.001	<0.001	23.18
A00508048	0.005	5.60	0.6	0.001	0.003	13.42
A00508049	<0.001	5.44	<0.1	<0.001	<0.001	23.61
A00508050	<0.001	5.05	<0.1	<0.001	<0.001	22.59
A00508051	<0.001	5.45	<0.1	<0.001	<0.001	23.72
A00508052	<0.001	5.72	<0.1	<0.001	<0.001	24.30
A00508053	0.002	4.99	<0.1	<0.001	<0.001	23.04
A00508054	0.007	5.53	<0.1	<0.001	<0.001	22.31
A00508055	0.013	5.20	<0.1	<0.001	<0.001	22.62
A00508056	<0.001	5.22	<0.1	<0.001	<0.001	21.69
A00508057	<0.001	5.14	<0.1	<0.001	<0.001	22.15
A00508058	0.002	0.95	3.8	<0.001	0.003	0.08
A00508059	<0.001	4.87	<0.1	<0.001	0.004	22.82
A00508060	<0.001	4.90	<0.1	<0.001	<0.001	23.13
A00508061	<0.001	5.01	<0.1	<0.001	<0.001	23.50
A00508062	<0.001	5.22	<0.1	<0.001	<0.001	23.93
A00508063	<0.001	5.31	<0.1	<0.001	<0.001	23.57
A00508064	<0.001	5.34	<0.1	<0.001	<0.001	21.87
A00508065	<0.001	4.87	<0.1	<0.001	<0.001	23.27
A00508066	<0.001	4.96	<0.1	<0.001	<0.001	23.44
A00508067	<0.001	4.92	<0.1	<0.001	<0.001	23.08
A00508068	0.004	5.41	0.6	0.001	0.003	13.30
A00508069	<0.001	5.04	<0.1	<0.001	<0.001	23.29
A00508070	<0.001	5.25	<0.1	<0.001	<0.001	24.48
A00508071	<0.001	5.00	<0.1	<0.001	<0.001	22.74

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508072	<0.001	5.00	<0.1	<0.001	<0.001	22.68
A00508073	<0.001	5.04	<0.1	<0.001	<0.001	23.23
*Dup A00508052	0.001	4.91	<0.1	<0.001	<0.001	23.38
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	<0.01
*Std OREAS 70b	0.004	5.45	0.6	0.001	0.004	13.50
*Std SU-1B	1.111	>25.00	0.6	0.001	0.001	1.70
*Std OREAS 680	0.870	11.55	1.2	0.002	0.001	3.66
*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	<0.01
*Std SU-1B	1.154	>25.00	0.6	0.001	<0.001	1.70
*Std OREAS 70b	0.005	5.51	0.6	0.001	0.003	13.41
*Rep A00508021	<0.001	5.27	<0.1	<0.001	<0.001	19.89
*Rep A00508024	<0.001	5.08	<0.1	<0.001	<0.001	19.34
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std OREAS 680	0.878	11.99	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	%	%	%	%	%	%
A00508014	0.107	<0.001	0.195	0.02	<0.002	<0.05
A00508015	0.087	<0.001	0.195	0.02	<0.002	<0.05
A00508016	0.084	<0.001	0.207	0.02	<0.002	<0.05
A00508017	0.083	<0.001	0.197	0.02	<0.002	<0.05
A00508018	0.085	<0.001	0.206	<0.01	<0.002	<0.05
A00508019	0.086	<0.001	0.206	0.01	<0.002	<0.05
A00508020	0.075	<0.001	0.203	0.02	<0.002	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508021	0.089	<0.001	0.215	0.02	<0.002	<0.05
A00508022	0.087	<0.001	0.215	0.05	<0.002	<0.05
A00508023	0.015	<0.001	0.002	0.01	<0.002	<0.05
A00508024	0.068	<0.001	0.220	0.02	<0.002	<0.05
A00508025	0.073	<0.001	0.213	<0.01	<0.002	<0.05
A00508026	0.068	<0.001	0.238	<0.01	<0.002	<0.05
A00508027	0.078	<0.001	0.237	0.02	<0.002	<0.05
A00508028	0.099	<0.001	0.719	0.03	<0.002	1.40
A00508029	0.075	<0.001	0.235	0.02	<0.002	<0.05
A00508030	0.075	<0.001	0.250	0.02	<0.002	<0.05
A00508031	0.102	<0.001	0.225	0.02	<0.002	<0.05
A00508032	0.075	<0.001	0.236	<0.01	<0.002	<0.05
A00508033	0.087	<0.001	0.250	0.02	<0.002	<0.05
A00508034	0.081	<0.001	0.259	0.02	<0.002	<0.05
A00508035	0.065	<0.001	0.249	<0.01	<0.002	<0.05
A00508036	0.058	<0.001	0.240	0.01	<0.002	<0.05
A00508037	0.059	<0.001	0.245	0.01	<0.002	<0.05
A00508038	0.058	<0.001	0.230	0.02	<0.002	<0.05
A00508039	0.169	<0.001	0.175	0.39	<0.002	<0.05
A00508040	0.080	<0.001	0.228	0.12	<0.002	<0.05
A00508041	0.076	<0.001	0.228	0.01	<0.002	<0.05
A00508042	0.076	<0.001	0.248	0.02	<0.002	<0.05
A00508043	0.014	<0.001	<0.001	0.03	<0.002	<0.05
A00508044	0.075	<0.001	0.236	0.02	<0.002	<0.05
A00508045	0.080	<0.001	0.253	0.02	<0.002	<0.05
A00508046	0.079	<0.001	0.246	0.02	<0.002	<0.05
A00508047	0.081	<0.001	0.236	<0.01	<0.002	<0.05
A00508048	0.109	<0.001	0.227	0.04	<0.002	0.21
A00508049	0.092	<0.001	0.257	0.01	<0.002	<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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508050	0.086	<0.001	0.228	0.02	<0.002	<0.05
A00508051	0.085	<0.001	0.245	<0.01	<0.002	<0.05
A00508052	0.074	<0.001	0.271	<0.01	<0.002	<0.05
A00508053	0.076	<0.001	0.216	<0.01	<0.002	<0.05
A00508054	0.083	<0.001	0.239	0.02	<0.002	<0.05
A00508055	0.076	<0.001	0.233	0.02	<0.002	<0.05
A00508056	0.097	<0.001	0.228	0.05	<0.002	<0.05
A00508057	0.089	<0.001	0.215	0.01	<0.002	<0.05
A00508058	0.013	<0.001	<0.001	0.01	<0.002	<0.05
A00508059	0.071	<0.001	0.234	0.04	<0.002	<0.05
A00508060	0.064	<0.001	0.248	0.03	<0.002	<0.05
A00508061	0.075	<0.001	0.249	<0.01	<0.002	<0.05
A00508062	0.065	<0.001	0.246	0.02	<0.002	<0.05
A00508063	0.068	<0.001	0.245	<0.01	<0.002	<0.05
A00508064	0.066	<0.001	0.234	<0.01	<0.002	<0.05
A00508065	0.074	<0.001	0.220	<0.01	<0.002	<0.05
A00508066	0.100	<0.001	0.217	0.03	<0.002	<0.05
A00508067	0.073	<0.001	0.232	<0.01	<0.002	<0.05
A00508068	0.110	<0.001	0.227	0.03	<0.002	0.28
A00508069	0.089	<0.001	0.215	<0.01	<0.002	<0.05
A00508070	0.075	<0.001	0.233	<0.01	<0.002	<0.05
A00508071	0.073	<0.001	0.237	0.02	<0.002	<0.05
A00508072	0.070	<0.001	0.235	0.02	<0.002	<0.05
A00508073	0.065	<0.001	0.243	<0.01	<0.002	<0.05
*Dup A00508052	0.082	<0.001	0.220	<0.01	<0.002	<0.05
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.05
*Std OREAS 70b	0.112	<0.001	0.224	0.03	<0.002	0.26
*Std SU-1B	0.069	<0.001	1.911	0.11	0.004	>10.00
*Std OREAS 680	0.127	<0.001	2.148	0.13	0.253	5.04

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	1.954	0.08	0.005	>10.00
*Std OREAS 70b	0.109	<0.001	0.219	0.04	<0.002	0.22
*Rep A00508021	0.086	<0.001	0.215	0.02	<0.002	<0.01
*Rep A00508024	0.064	<0.001	0.222	0.01	<0.002	<0.01
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.05
*Std OREAS 680	0.124	<0.001	2.171	0.13	0.246	5.12

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	%	%	%	%	%	%
A00508014	0.012	0.0006	15.2	<0.005	0.006	0.06
A00508015	0.007	0.0006	13.3	<0.005	0.004	0.05
A00508016	0.008	0.0007	14.8	<0.005	0.003	0.06
A00508017	0.007	0.0006	14.2	<0.005	0.004	0.06
A00508018	0.011	0.0006	15.2	<0.005	0.005	0.06
A00508019	0.008	0.0005	15.6	<0.005	0.008	0.06
A00508020	0.008	<0.0005	15.6	<0.005	0.004	0.06
A00508021	0.010	0.0005	15.5	<0.005	0.003	0.05
A00508022	0.009	<0.0005	15.0	<0.005	0.005	0.04
A00508023	<0.005	<0.0005	27.1	<0.005	0.003	<0.01
A00508024	0.009	<0.0005	15.0	<0.005	0.003	0.05
A00508025	0.009	<0.0005	14.9	<0.005	0.008	0.05
A00508026	0.011	<0.0005	15.4	<0.005	0.003	0.04
A00508027	0.010	<0.0005	15.4	<0.005	0.004	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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508028	<0.005	0.0011	24.8	<0.005	0.006	0.20
A00508029	0.011	<0.0005	15.7	<0.005	0.005	0.04
A00508030	0.012	<0.0005	15.7	<0.005	0.003	0.03
A00508031	0.010	<0.0005	13.5	<0.005	0.012	0.10
A00508032	0.009	<0.0005	15.7	<0.005	0.006	0.05
A00508033	0.011	<0.0005	14.4	<0.005	0.005	0.04
A00508034	0.011	<0.0005	14.6	<0.005	0.003	0.04
A00508035	0.010	<0.0005	16.6	<0.005	0.003	0.04
A00508036	0.008	<0.0005	16.9	<0.005	0.006	0.04
A00508037	0.008	<0.0005	17.5	<0.005	0.006	0.04
A00508038	0.009	<0.0005	17.6	<0.005	0.006	0.04
A00508039	0.006	0.0010	12.4	<0.005	0.040	0.47
A00508040	0.009	0.0006	16.2	<0.005	0.009	0.13
A00508041	0.009	<0.0005	16.2	<0.005	0.006	0.04
A00508042	0.011	<0.0005	15.9	<0.005	0.005	0.04
A00508043	<0.005	<0.0005	27.3	<0.005	0.003	<0.01
A00508044	0.009	<0.0005	15.8	<0.005	0.005	0.03
A00508045	0.009	<0.0005	16.1	<0.005	0.004	0.03
A00508046	0.010	<0.0005	15.8	<0.005	0.004	0.04
A00508047	0.008	<0.0005	16.3	<0.005	0.008	0.04
A00508048	<0.005	0.0010	22.6	<0.005	0.007	0.18
A00508049	0.010	<0.0005	16.0	<0.005	0.003	0.04
A00508050	0.009	<0.0005	15.6	<0.005	0.007	0.05
A00508051	0.008	<0.0005	16.4	<0.005	0.004	0.05
A00508052	0.013	<0.0005	17.2	<0.005	0.003	0.05
A00508053	0.005	<0.0005	16.3	<0.005	0.005	0.04
A00508054	0.006	<0.0005	15.4	<0.005	0.002	0.04
A00508055	<0.005	<0.0005	15.3	<0.005	0.003	0.04
A00508056	<0.005	<0.0005	14.0	<0.005	0.007	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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%	%	%	%	%	%
A00508057	0.005	<0.0005	14.5	<0.005	0.005	0.03
A00508058	<0.005	<0.0005	27.2	<0.005	0.003	<0.01
A00508059	0.006	<0.0005	15.5	<0.005	0.003	0.05
A00508060	0.006	<0.0005	16.0	0.006	<0.001	0.03
A00508061	0.006	<0.0005	15.7	<0.005	0.001	0.03
A00508062	0.005	<0.0005	16.0	<0.005	0.001	0.03
A00508063	0.006	<0.0005	15.8	<0.005	0.001	0.03
A00508064	0.005	<0.0005	14.3	<0.005	0.002	0.03
A00508065	0.006	<0.0005	14.8	<0.005	0.002	0.03
A00508066	0.006	<0.0005	13.7	<0.005	0.002	0.02
A00508067	0.006	<0.0005	15.0	<0.005	0.002	0.03
A00508068	<0.005	0.0010	21.7	<0.005	0.007	0.17
A00508069	0.006	<0.0005	14.7	<0.005	0.004	0.03
A00508070	0.006	<0.0005	16.2	<0.005	0.002	0.03
A00508071	0.005	<0.0005	15.0	<0.005	0.004	0.06
A00508072	0.006	<0.0005	14.8	<0.005	0.003	0.03
A00508073	0.006	<0.0005	15.9	<0.005	0.001	0.03
*Dup A00508052	<0.005	<0.0005	16.4	<0.005	0.005	0.04
*Blk BLANK	<0.005	<0.0005	<0.1	<0.005	<0.001	<0.01
*Std OREAS 70b	<0.005	0.0009	22.1	<0.005	0.008	0.17
*Std SU-1B	<0.005	0.0006	14.8	<0.005	0.028	0.22
*Std OREAS 680	<0.005	0.0019	19.4	<0.005	0.042	0.50
*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	0.0007	13.9	<0.005	0.029	0.21
*Std OREAS 70b	<0.005	0.0010	22.5	<0.005	0.007	0.17
*Rep A00508021	0.009	0.0005	15.7	<0.005	0.004	0.05
*Rep A00508024	0.009	<0.0005	14.5	<0.005	0.003	0.05
*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

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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	0.0020	20.0	<0.005	0.039	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	%
A00508014	0.005	<0.005	<0.0005	0.008	-	0.032
A00508015	0.005	<0.005	<0.0005	0.007	-	0.021
A00508016	0.005	<0.005	<0.0005	0.007	-	0.024
A00508017	0.004	<0.005	<0.0005	0.007	-	0.036
A00508018	0.005	<0.005	<0.0005	0.007	-	0.032
A00508019	0.005	<0.005	<0.0005	0.007	2.95	0.046
A00508020	0.004	<0.005	<0.0005	0.008	-	0.022
A00508021	0.004	<0.005	<0.0005	0.008	-	0.026
A00508022	0.004	<0.005	<0.0005	0.008	-	0.023
A00508023	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00508024	0.004	<0.005	<0.0005	0.006	-	0.023
A00508025	0.003	<0.005	<0.0005	0.007	-	0.023
A00508026	0.003	<0.005	<0.0005	0.007	-	0.023
A00508027	0.003	<0.005	<0.0005	0.007	-	0.044
A00508028	0.007	<0.005	0.0013	0.010	-	1.522
A00508029	0.003	<0.005	<0.0005	0.007	-	0.081
A00508030	0.004	<0.005	<0.0005	0.007	-	0.124
A00508031	0.003	<0.005	<0.0005	0.007	-	0.168
A00508032	0.003	<0.005	<0.0005	0.006	-	0.131
A00508033	0.004	<0.005	<0.0005	0.007	-	0.138
A00508034	0.004	<0.005	<0.0005	0.006	-	0.126

- 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 MAHAFFY
Submission Number *LK* Mahaffy / MAH21-C-A028 / 60
Core
Number of Samples 60

ANALYSIS REPORT BBM21-10303

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	%
A00508035	0.003	<0.005	<0.0005	0.006	-	0.108
A00508036	0.003	<0.005	<0.0005	0.006	-	0.115
A00508037	0.003	<0.005	<0.0005	0.006	-	0.125
A00508038	0.003	<0.005	<0.0005	0.006	-	0.133
A00508039	0.004	<0.005	0.0016	0.005	-	0.124
A00508040	0.004	<0.005	0.0005	0.006	-	0.115
A00508041	0.003	<0.005	<0.0005	0.006	-	0.159
A00508042	0.004	<0.005	<0.0005	0.006	-	0.108
A00508043	<0.001	<0.005	<0.0005	0.002	-	<0.005
A00508044	0.003	<0.005	<0.0005	0.006	-	0.110
A00508045	0.003	<0.005	<0.0005	0.006	-	0.114
A00508046	0.003	<0.005	<0.0005	0.006	-	0.110
A00508047	0.003	<0.005	<0.0005	0.006	-	0.113
A00508048	0.006	<0.005	0.0010	0.011	-	0.331
A00508049	0.003	<0.005	<0.0005	0.008	-	0.139
A00508050	0.003	<0.005	<0.0005	0.006	-	0.104
A00508051	0.003	<0.005	<0.0005	0.005	-	0.109
A00508052	0.003	<0.005	<0.0005	0.007	-	0.115
A00508053	0.003	<0.005	<0.0005	0.006	-	0.115
A00508054	0.003	<0.005	<0.0005	0.006	-	0.112
A00508055	0.003	<0.005	<0.0005	0.005	-	0.117
A00508056	0.003	<0.005	<0.0005	0.006	-	0.112
A00508057	0.003	<0.005	<0.0005	0.007	2.72	0.121
A00508058	<0.001	<0.005	<0.0005	0.002	-	0.006
A00508059	0.003	<0.005	<0.0005	0.006	-	0.067
A00508060	0.003	<0.005	<0.0005	0.006	-	0.070
A00508061	0.003	<0.005	<0.0005	0.006	-	0.073
A00508062	0.003	<0.005	<0.0005	0.007	-	0.069
A00508063	0.003	<0.005	<0.0005	0.007	-	0.071

- 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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A028 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10303

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	%
A00508064	0.004	<0.005	<0.0005	0.006	-	0.077
A00508065	0.003	<0.005	<0.0005	0.006	-	0.072
A00508066	0.003	<0.005	<0.0005	0.006	-	0.066
A00508067	0.003	<0.005	<0.0005	0.007	-	0.078
A00508068	0.007	<0.005	0.0009	0.012	-	0.314
A00508069	0.003	<0.005	<0.0005	0.006	-	0.070
A00508070	0.003	<0.005	<0.0005	0.006	-	0.066
A00508071	0.003	<0.005	<0.0005	0.007	-	0.070
A00508072	0.003	<0.005	<0.0005	0.005	-	0.066
A00508073	0.003	<0.005	<0.0005	0.007	-	0.078
*Dup A00508052	0.003	<0.005	<0.0005	0.006	-	0.119
*Std GS314-2	-	-	-	-	-	2.552
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.530
*Blk BLANK	-	-	-	-	-	<0.005
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.635
*Blk BLANK	-	-	-	-	-	<0.005
*Std GS314-2	-	-	-	-	-	2.505
*Rep A00508050	-	-	-	-	-	0.111
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 70b	0.006	<0.005	0.0009	0.012	-	-
*Std SU-1B	0.008	<0.005	0.0006	0.026	-	-
*Std OREAS 680	0.022	<0.005	0.0014	0.241	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	0.001	-	-
*Std SU-1B	0.007	0.007	0.0006	0.028	-	-
*Std OREAS 70b	0.006	<0.005	0.0009	0.011	-	-
*Rep A00508021	0.004	<0.005	<0.0005	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	MAHAFFY
Submission Number	*LK* Mahaffy / MAH21-C-A028 / 60
Core	
Number of Samples	60

ANALYSIS REPORT BBM21-10303

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	%
*Rep A00508024	0.003	<0.005	<0.0005	0.006	-	-
*Blk BLANK	<0.001	<0.005	<0.0005	<0.001	-	-
*Std OREAS 680	0.022	<0.005	0.0014	0.223	-	-

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 BBM21-10304

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	11-Jun-2021
Project	MAHAFFY	Date Analysed	21-Jun-2021 - 09-Jan-2022
Submission Number	*LK* Mahaffy/ MAH21-C-A029/ 51	Date Completed	09-Jan-2022
Core		SGS Order Number	BBM21-10304
Number of Samples	51		

Methods Summary

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

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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%
A00508074	3.25	<5	<10	<5	0.76	0.003
A00508075	2.97	<5	<10	<5	0.56	<0.003
A00508076	2.99	<5	<10	<5	0.70	<0.003
A00508077	3.17	<5	<10	<5	0.67	0.003
A00508078	3.17	<5	<10	<5	0.66	<0.003
A00508079	2.80	<5	<10	<5	0.64	<0.003
A00508080	2.81	<5	<10	<5	0.80	<0.003
A00508081	3.04	<5	<10	<5	0.65	<0.003
A00508082	3.50	<5	<10	<5	0.64	<0.003
A00508083	0.08	8	<10	11	3.81	0.016
A00508084	2.96	<5	<10	<5	0.61	<0.003
A00508085	3.22	<5	<10	<5	0.86	0.003
A00508086	2.99	<5	<10	<5	0.65	0.003
A00508087	3.10	<5	<10	<5	0.72	<0.003
A00508088	0.13	<5	<10	<5	12.08	<0.003
A00508089	3.32	<5	<10	<5	0.70	0.004
A00508090	2.99	<5	<10	<5	0.69	<0.003
A00508091	3.24	<5	<10	<5	0.66	0.003
A00508092	3.18	<5	<10	<5	0.71	0.004
A00508093	3.14	<5	<10	<5	0.71	0.004
A00508094	3.12	<5	<10	<5	0.65	0.004
A00508095	3.63	<5	<10	<5	0.63	0.003
A00508096	2.90	<5	<10	<5	0.61	<0.003
A00508097	3.09	<5	<10	<5	0.62	<0.003
A00508098	-	<5	<10	<5	0.66	<0.003
A00508099	2.77	<5	<10	6	0.59	<0.003
A00508100	3.36	<5	<10	<5	0.64	<0.003
A00508101	3.62	<5	<10	<5	0.77	<0.003
A00508102	3.99	<5	<10	<5	0.74	<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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%
A00508103	0.13	<5	<10	<5	12.39	<0.003
A00508104	4.05	<5	<10	<5	0.74	<0.003
A00508105	3.35	<5	<10	<5	0.68	<0.003
A00508106	3.15	<5	<10	<5	0.55	<0.003
A00508107	2.83	<5	<10	<5	0.87	0.006
A00508108	0.08	8	<10	11	3.62	0.013
A00508109	3.07	<5	<10	<5	0.57	<0.003
A00508110	3.02	<5	<10	<5	0.68	<0.003
A00508111	3.03	8	<10	<5	0.74	0.005
A00508112	2.80	11	<10	<5	0.83	0.014
A00508113	2.88	5	<10	<5	0.87	0.004
A00508114	3.01	<5	<10	<5	0.80	0.003
A00508115	0.14	<5	<10	<5	11.53	<0.003
A00508116	2.98	<5	<10	<5	0.72	0.003
A00508117	2.97	<5	<10	<5	0.79	<0.003
A00508118	-	<5	<10	<5	0.86	<0.003
A00508119	3.12	<5	<10	<5	0.69	<0.003
A00508120	2.89	<5	<10	<5	0.75	<0.003
A00508121	0.08	7	<10	13	3.64	0.012
A00508122	3.01	<5	<10	10	0.84	<0.003
A00508123	2.00	<5	<10	<5	1.05	<0.003
A00508124	1.79	<5	<10	<5	0.73	<0.003
*Dup A00508112	-	18	<10	<5	0.82	0.018
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.83	0.016
*Rep A00508077	-	-	-	-	0.66	<0.003
*Rep A00508085	-	-	-	-	0.84	0.004
*Std SU-1B	-	-	-	-	4.27	<0.003
*Std OREAS 680	-	-	-	-	7.11	0.012

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A029/ 51
Core	
Number of Samples	51

ANALYSIS REPORT BBM21-10304

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	%	%
*Blk BLANK	-	-	-	-	0.02	<0.003
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std OREAS 70b	-	-	-	-	3.81	0.013
*Std OREAS 680	-	-	-	-	6.98	0.010
*Blk BLANK	-	-	-	-	<0.01	<0.003
*Std SU-1B	-	-	-	-	4.60	<0.003
*Rep A00508122	-	-	-	-	0.85	0.003
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 680	-	163	400	225	-	-
*Rep A00508075	-	<5	<10	<5	-	-
*Std PGMS-27	-	4780	1170	1940	-	-
*Rep A00508113	-	6	<10	<5	-	-
*Rep A00508123	-	<5	<10	<5	-	-
*Blk BLANK	-	<5	<10	<5	-	-
*Std OREAS 45f	-	19	40	56	-	-

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	%	%	%	%	%	%
A00508074	<0.001	<0.0005	0.9	<0.001	0.010	0.687
A00508075	<0.001	<0.0005	0.9	<0.001	0.011	0.655
A00508076	<0.001	<0.0005	1.2	<0.001	0.010	0.641
A00508077	<0.001	<0.0005	0.9	<0.001	0.010	0.629
A00508078	<0.001	<0.0005	0.9	<0.001	0.010	0.664
A00508079	<0.001	<0.0005	0.7	<0.001	0.011	0.670
A00508080	<0.001	<0.0005	0.7	<0.001	0.010	0.642

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508081	<0.001	<0.0005	0.7	<0.001	0.011	0.634
A00508082	<0.001	<0.0005	0.8	<0.001	0.010	0.682
A00508083	0.020	<0.0005	3.1	<0.001	0.007	0.117
A00508084	<0.001	<0.0005	0.8	<0.001	0.011	0.702
A00508085	<0.001	<0.0005	0.8	<0.001	0.012	0.641
A00508086	<0.001	<0.0005	0.6	<0.001	0.011	0.770
A00508087	<0.001	<0.0005	0.5	<0.001	0.011	0.892
A00508088	0.002	<0.0005	0.3	<0.001	<0.001	0.012
A00508089	<0.001	<0.0005	0.5	<0.001	0.011	0.870
A00508090	<0.001	<0.0005	1.0	<0.001	0.011	0.818
A00508091	<0.001	<0.0005	0.7	<0.001	0.012	0.825
A00508092	<0.001	<0.0005	0.7	<0.001	0.010	0.821
A00508093	<0.001	<0.0005	0.7	<0.001	0.010	0.797
A00508094	<0.001	<0.0005	0.4	<0.001	0.010	0.876
A00508095	<0.001	<0.0005	0.8	<0.001	0.010	0.809
A00508096	<0.001	<0.0005	0.3	<0.001	0.013	0.866
A00508097	<0.001	<0.0005	0.6	<0.001	0.010	0.887
A00508098	<0.001	<0.0005	0.6	<0.001	0.011	0.879
A00508099	<0.001	<0.0005	0.7	<0.001	0.010	0.842
A00508100	<0.001	<0.0005	0.6	<0.001	0.010	0.770
A00508101	<0.001	<0.0005	1.3	<0.001	0.012	0.756
A00508102	<0.001	<0.0005	0.8	<0.001	0.010	0.671
A00508103	0.002	<0.0005	0.3	<0.001	<0.001	0.013
A00508104	<0.001	<0.0005	1.0	<0.001	0.010	0.688
A00508105	<0.001	<0.0005	1.0	<0.001	0.011	0.655
A00508106	<0.001	<0.0005	0.8	<0.001	0.009	0.638
A00508107	<0.001	<0.0005	0.9	<0.001	0.010	0.585
A00508108	0.019	<0.0005	2.9	<0.001	0.007	0.112
A00508109	<0.001	<0.0005	0.6	<0.001	0.009	0.690

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508110	<0.001	<0.0005	0.7	<0.001	0.009	0.737
A00508111	<0.001	<0.0005	1.3	<0.001	0.010	0.655
A00508112	<0.001	<0.0005	1.5	<0.001	0.012	0.578
A00508113	<0.001	<0.0005	1.2	<0.001	0.012	0.610
A00508114	<0.001	<0.0005	0.7	<0.001	0.013	0.664
A00508115	0.002	<0.0005	0.2	<0.001	<0.001	0.009
A00508116	<0.001	<0.0005	0.8	<0.001	0.009	0.665
A00508117	<0.001	<0.0005	1.6	<0.001	0.009	0.570
A00508118	<0.001	<0.0005	1.7	<0.001	0.010	0.588
A00508119	<0.001	<0.0005	0.7	<0.001	0.010	0.840
A00508120	<0.001	<0.0005	0.7	<0.001	0.011	0.911
A00508121	0.019	<0.0005	2.9	<0.001	0.007	0.117
A00508122	<0.001	<0.0005	0.5	<0.001	0.009	0.838
A00508123	<0.001	<0.0005	1.2	<0.001	0.009	0.717
A00508124	<0.001	<0.0005	0.7	<0.001	0.009	0.814
*Dup A00508112	<0.001	<0.0005	1.3	<0.001	0.013	0.557
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std OREAS 70b	0.020	<0.0005	3.1	<0.001	0.007	0.118
*Rep A00508077	<0.001	<0.0005	0.8	<0.001	0.011	0.630
*Rep A00508085	<0.001	<0.0005	0.8	<0.001	0.012	0.651
*Std SU-1B	0.034	<0.0005	2.2	<0.001	0.063	0.032
*Std OREAS 680	0.065	<0.0005	5.7	<0.001	0.032	0.206
*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 70b	0.020	<0.0005	3.2	<0.001	0.007	0.116
*Std OREAS 680	0.066	<0.0005	5.7	<0.001	0.032	0.213
*Blk BLANK	<0.001	<0.0005	<0.1	<0.001	<0.001	<0.001
*Std SU-1B	0.038	<0.0005	2.4	<0.001	0.065	0.035
*Rep A00508122	<0.001	<0.0005	0.6	<0.001	0.009	0.822

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508074	<0.001	5.20	<0.1	<0.001	<0.001	23.12
A00508075	<0.001	4.99	<0.1	<0.001	<0.001	22.81
A00508076	<0.001	5.22	<0.1	<0.001	<0.001	22.99
A00508077	<0.001	5.09	<0.1	<0.001	<0.001	23.36
A00508078	<0.001	5.18	<0.1	<0.001	<0.001	23.12
A00508079	<0.001	5.08	<0.1	<0.001	<0.001	23.02
A00508080	<0.001	4.82	<0.1	<0.001	<0.001	23.52
A00508081	<0.001	5.09	<0.1	<0.001	<0.001	24.01
A00508082	<0.001	5.29	<0.1	<0.001	<0.001	23.82
A00508083	0.004	5.41	0.6	0.001	0.004	13.31
A00508084	<0.001	5.41	<0.1	<0.001	<0.001	23.88
A00508085	<0.001	5.84	<0.1	<0.001	<0.001	23.37
A00508086	<0.001	4.88	<0.1	<0.001	<0.001	23.13
A00508087	<0.001	4.93	<0.1	<0.001	<0.001	23.23
A00508088	<0.001	0.54	3.9	<0.001	0.003	0.07
A00508089	<0.001	4.95	<0.1	<0.001	<0.001	23.28
A00508090	<0.001	5.16	<0.1	<0.001	<0.001	23.73
A00508091	<0.001	4.98	<0.1	<0.001	<0.001	23.49
A00508092	<0.001	5.09	<0.1	<0.001	<0.001	23.26
A00508093	<0.001	5.26	<0.1	<0.001	<0.001	23.78
A00508094	<0.001	5.07	<0.1	<0.001	<0.001	23.91
A00508095	<0.001	4.76	<0.1	<0.001	<0.001	23.21
A00508096	<0.001	4.92	<0.1	<0.001	<0.001	23.05
A00508097	<0.001	4.90	<0.1	<0.001	<0.001	23.36
A00508098	<0.001	4.91	<0.1	<0.001	<0.001	23.43
A00508099	<0.001	4.91	<0.1	<0.001	<0.001	24.36
A00508100	<0.001	4.89	<0.1	<0.001	<0.001	23.27
A00508101	<0.001	5.47	<0.1	<0.001	<0.001	23.13

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A029/ 51
Core	
Number of Samples	51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508102	<0.001	4.74	<0.1	<0.001	<0.001	23.07
A00508103	<0.001	0.56	4.0	<0.001	0.003	0.08
A00508104	<0.001	5.12	<0.1	<0.001	<0.001	23.61
A00508105	<0.001	5.43	<0.1	<0.001	<0.001	23.56
A00508106	<0.001	4.76	<0.1	<0.001	<0.001	23.84
A00508107	<0.001	4.91	<0.1	<0.001	<0.001	23.72
A00508108	0.005	5.27	0.6	0.001	0.003	13.38
A00508109	<0.001	4.18	<0.1	<0.001	<0.001	23.85
A00508110	<0.001	4.57	<0.1	<0.001	<0.001	24.46
A00508111	<0.001	5.90	<0.1	<0.001	<0.001	24.47
A00508112	0.014	3.96	<0.1	<0.001	<0.001	23.06
A00508113	0.003	4.87	<0.1	<0.001	<0.001	23.04
A00508114	<0.001	5.04	<0.1	<0.001	<0.001	23.19
A00508115	<0.001	0.50	3.7	<0.001	0.003	0.06
A00508116	<0.001	4.48	<0.1	<0.001	<0.001	23.32
A00508117	<0.001	5.28	<0.1	<0.001	<0.001	22.76
A00508118	<0.001	5.69	<0.1	<0.001	<0.001	24.01
A00508119	<0.001	4.84	<0.1	<0.001	<0.001	24.56
A00508120	<0.001	5.40	<0.1	<0.001	<0.001	24.30
A00508121	0.005	5.28	0.6	0.001	0.003	13.45
A00508122	<0.001	4.25	<0.1	<0.001	<0.001	23.16
A00508123	<0.001	4.72	<0.1	<0.001	<0.001	21.99
A00508124	<0.001	4.68	<0.1	<0.001	<0.001	23.47
*Dup A00508112	0.014	3.94	<0.1	<0.001	<0.001	22.83
*Blk BLANK	<0.001	0.02	<0.1	<0.001	<0.001	<0.01
*Std OREAS 70b	0.004	5.45	0.6	0.001	0.004	13.50
*Rep A00508077	<0.001	5.15	<0.1	<0.001	<0.001	23.32
*Rep A00508085	<0.001	5.84	<0.1	<0.001	<0.001	23.15
*Std SU-1B	1.111	>25.00	0.6	0.001	0.001	1.70

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	0.870	11.55	1.2	0.002	0.001	3.66
*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 70b	0.005	5.49	0.6	0.001	0.004	13.85
*Std OREAS 680	0.906	11.57	1.2	0.002	0.001	3.74
*Blk BLANK	<0.001	<0.01	<0.1	<0.001	<0.001	<0.01
*Std SU-1B	1.283	>25.00	0.6	0.001	0.001	1.90
*Rep A00508122	<0.001	4.31	<0.1	<0.001	<0.001	23.44

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	%	%	%	%	%	%
A00508074	0.065	<0.001	0.249	<0.01	<0.002	0.006
A00508075	0.076	<0.001	0.252	0.02	<0.002	0.006
A00508076	0.072	<0.001	0.244	<0.01	<0.002	0.006
A00508077	0.072	<0.001	0.246	0.02	<0.002	0.006
A00508078	0.072	<0.001	0.243	<0.01	<0.002	0.005
A00508079	0.075	<0.001	0.244	0.02	<0.002	0.005
A00508080	0.066	<0.001	0.242	0.02	<0.002	<0.005
A00508081	0.090	<0.001	0.244	<0.01	<0.002	0.005
A00508082	0.067	<0.001	0.243	<0.01	<0.002	0.005
A00508083	0.111	<0.001	0.217	0.04	<0.002	<0.005
A00508084	0.076	<0.001	0.250	0.01	<0.002	0.006
A00508085	0.094	<0.001	0.233	0.02	<0.002	<0.005
A00508086	0.067	<0.001	0.258	0.02	<0.002	0.006
A00508087	0.079	<0.001	0.264	<0.01	<0.002	0.006

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508088	0.010	<0.001	<0.001	<0.01	<0.002	<0.005
A00508089	0.067	<0.001	0.250	<0.01	<0.002	0.007
A00508090	0.082	<0.001	0.242	0.02	<0.002	0.007
A00508091	0.077	<0.001	0.244	<0.01	<0.002	0.007
A00508092	0.073	<0.001	0.249	0.01	<0.002	0.007
A00508093	0.068	<0.001	0.256	0.01	<0.002	0.007
A00508094	0.071	<0.001	0.256	0.02	<0.002	0.007
A00508095	0.086	<0.001	0.241	<0.01	<0.002	0.007
A00508096	0.061	<0.001	0.275	<0.01	<0.002	0.007
A00508097	0.064	<0.001	0.276	<0.01	<0.002	0.006
A00508098	0.065	<0.001	0.266	<0.01	<0.002	0.007
A00508099	0.067	<0.001	0.255	<0.01	<0.002	0.017
A00508100	0.061	<0.001	0.239	0.02	<0.002	0.012
A00508101	0.086	<0.001	0.250	0.01	<0.002	0.016
A00508102	0.065	<0.001	0.246	0.02	<0.002	0.010
A00508103	0.010	<0.001	<0.001	0.01	<0.002	<0.005
A00508104	0.075	<0.001	0.245	0.02	<0.002	0.011
A00508105	0.090	<0.001	0.235	<0.01	<0.002	0.014
A00508106	0.064	<0.001	0.236	0.03	<0.002	0.011
A00508107	0.075	<0.001	0.223	<0.01	<0.002	0.009
A00508108	0.109	<0.001	0.209	0.03	<0.002	<0.005
A00508109	0.062	<0.001	0.246	0.02	<0.002	0.011
A00508110	0.070	<0.001	0.253	<0.01	<0.002	0.014
A00508111	0.089	<0.001	0.233	<0.01	<0.002	0.012
A00508112	0.072	<0.001	0.204	0.02	<0.002	0.009
A00508113	0.074	<0.001	0.241	0.02	<0.002	0.010
A00508114	0.057	<0.001	0.247	0.02	<0.002	0.010
A00508115	0.009	<0.001	<0.001	0.02	<0.002	<0.005
A00508116	0.060	<0.001	0.237	0.02	<0.002	0.010

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508117	0.067	<0.001	0.212	0.01	<0.002	0.008
A00508118	0.078	<0.001	0.219	0.01	<0.002	0.011
A00508119	0.063	<0.001	0.251	0.01	<0.002	0.017
A00508120	0.072	<0.001	0.261	0.01	<0.002	0.018
A00508121	0.106	<0.001	0.213	0.04	<0.002	<0.005
A00508122	0.063	<0.001	0.248	0.03	<0.002	0.013
A00508123	0.057	<0.001	0.232	0.02	<0.002	0.013
A00508124	0.061	<0.001	0.241	0.01	<0.002	0.012
*Dup A00508112	0.069	<0.001	0.211	0.02	<0.002	0.010
*Blk BLANK	<0.001	<0.001	<0.001	0.01	<0.002	<0.005
*Std OREAS 70b	0.112	<0.001	0.224	0.03	<0.002	<0.005
*Rep A00508077	0.072	<0.001	0.241	<0.01	<0.002	0.006
*Rep A00508085	0.094	<0.001	0.243	<0.01	<0.002	<0.005
*Std SU-1B	0.069	<0.001	1.911	0.11	0.004	<0.005
*Std OREAS 680	0.127	<0.001	2.148	0.13	0.253	<0.005
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.005
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.005
*Std OREAS 70b	0.115	<0.001	0.213	0.03	<0.002	<0.005
*Std OREAS 680	0.128	<0.001	2.163	0.14	0.240	0.006
*Blk BLANK	<0.001	<0.001	<0.001	<0.01	<0.002	<0.005
*Std SU-1B	0.075	<0.001	2.064	0.07	0.005	<0.005
*Rep A00508122	0.064	<0.001	0.257	0.02	<0.002	0.013

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	%	%	%	%	%	%

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508074	<0.0005	16.2	<0.005	0.002	0.04	0.004
A00508075	<0.0005	15.2	<0.005	0.003	0.03	0.003
A00508076	0.0006	15.6	<0.005	0.002	0.04	0.003
A00508077	<0.0005	16.2	<0.005	0.003	0.04	0.003
A00508078	<0.0005	15.9	<0.005	0.003	0.03	0.003
A00508079	<0.0005	16.0	0.008	0.002	0.04	0.003
A00508080	<0.0005	16.2	<0.005	0.002	0.07	0.003
A00508081	<0.0005	15.1	<0.005	0.008	0.03	0.003
A00508082	<0.0005	16.1	<0.005	0.002	0.03	0.003
A00508083	0.0010	21.8	<0.005	0.007	0.17	0.006
A00508084	<0.0005	15.8	<0.005	0.002	0.03	0.003
A00508085	<0.0005	15.8	<0.005	0.005	0.04	0.003
A00508086	<0.0005	15.8	<0.005	0.001	0.04	0.003
A00508087	<0.0005	15.1	<0.005	0.002	0.04	0.003
A00508088	<0.0005	26.0	<0.005	0.003	<0.01	<0.001
A00508089	<0.0005	15.6	<0.005	<0.001	0.03	0.003
A00508090	<0.0005	15.3	<0.005	0.006	0.04	0.003
A00508091	<0.0005	15.2	<0.005	0.002	0.03	0.003
A00508092	<0.0005	15.7	<0.005	0.001	0.04	0.003
A00508093	<0.0005	15.9	<0.005	0.002	0.03	0.003
A00508094	<0.0005	16.2	<0.005	0.001	0.04	0.003
A00508095	<0.0005	15.1	<0.005	0.019	0.03	0.003
A00508096	<0.0005	15.4	<0.005	0.001	0.03	0.003
A00508097	<0.0005	15.5	<0.005	<0.001	0.04	0.003
A00508098	<0.0005	15.7	<0.005	0.001	0.04	0.003
A00508099	<0.0005	16.6	<0.005	0.002	0.03	0.003
A00508100	<0.0005	15.7	<0.005	0.003	0.04	0.003
A00508101	<0.0005	15.7	<0.005	0.068	0.05	0.003
A00508102	<0.0005	16.2	<0.005	0.004	0.05	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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
A00508103	<0.0005	28.2	<0.005	0.004	<0.01	<0.001
A00508104	<0.0005	16.2	<0.005	0.004	0.04	0.003
A00508105	<0.0005	15.9	<0.005	0.008	0.04	0.003
A00508106	0.0005	16.3	<0.005	0.032	0.03	0.003
A00508107	<0.0005	16.5	<0.005	0.004	0.05	0.003
A00508108	0.0010	22.5	<0.005	0.007	0.17	0.006
A00508109	<0.0005	16.7	<0.005	0.002	0.03	0.003
A00508110	<0.0005	16.6	<0.005	0.002	0.04	0.003
A00508111	<0.0005	16.0	<0.005	0.006	0.04	0.003
A00508112	0.0007	16.2	<0.005	0.008	0.04	0.003
A00508113	<0.0005	16.6	<0.005	0.007	0.05	0.004
A00508114	<0.0005	16.4	<0.005	0.002	0.05	0.004
A00508115	<0.0005	25.9	<0.005	0.003	<0.01	<0.001
A00508116	<0.0005	16.5	<0.005	0.003	0.05	0.003
A00508117	<0.0005	14.6	<0.005	0.005	0.04	0.004
A00508118	<0.0005	14.8	<0.005	0.005	0.05	0.004
A00508119	<0.0005	16.2	<0.005	0.002	0.04	0.004
A00508120	<0.0005	16.1	<0.005	0.002	0.04	0.004
A00508121	0.0010	22.5	<0.005	0.007	0.17	0.006
A00508122	0.0005	16.1	<0.005	0.004	0.04	0.004
A00508123	0.0006	16.0	<0.005	0.003	0.06	0.004
A00508124	<0.0005	16.0	<0.005	0.002	0.04	0.004
*Dup A00508112	0.0006	16.1	<0.005	0.007	0.04	0.003
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Std OREAS 70b	0.0009	22.1	<0.005	0.008	0.17	0.006
*Rep A00508077	<0.0005	16.1	<0.005	0.003	0.04	0.003
*Rep A00508085	<0.0005	15.5	<0.005	0.005	0.04	0.003
*Std SU-1B	0.0006	14.8	<0.005	0.028	0.22	0.008
*Std OREAS 680	0.0019	19.4	<0.005	0.042	0.50	0.022

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A029/ 51
Core	
Number of Samples	51

ANALYSIS REPORT BBM21-10304

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	%	%	%	%	%	%
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	0.02	<0.001
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Std OREAS 70b	0.0009	22.9	<0.005	0.008	0.19	0.006
*Std OREAS 680	0.0020	20.1	<0.005	0.043	0.52	0.022
*Blk BLANK	<0.0005	<0.1	<0.005	<0.001	<0.01	<0.001
*Std SU-1B	0.0007	16.8	<0.005	0.032	0.24	0.008
*Rep A00508122	<0.0005	16.4	<0.005	0.005	0.04	0.004

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	%	%
A00508074	<0.005	<0.0005	0.006	-	0.084	-
A00508075	<0.005	<0.0005	0.006	-	0.067	-
A00508076	<0.005	<0.0005	0.006	-	0.060	-
A00508077	<0.005	<0.0005	0.006	-	0.062	-
A00508078	<0.005	<0.0005	0.006	-	0.060	-
A00508079	<0.005	<0.0005	0.005	-	0.080	-
A00508080	<0.005	<0.0005	0.006	-	0.064	-
A00508081	<0.005	<0.0005	0.006	-	0.059	-
A00508082	<0.005	<0.0005	0.006	-	0.056	-
A00508083	<0.005	0.0009	0.012	-	0.320	-
A00508084	<0.005	<0.0005	0.007	-	0.062	-
A00508085	<0.005	<0.0005	0.006	-	0.062	-
A00508086	<0.005	<0.0005	0.008	-	0.059	-
A00508087	<0.005	<0.0005	0.007	-	0.077	-
A00508088	<0.005	<0.0005	0.002	-	0.006	-

- 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 MAHAFFY
Submission Number *LK* Mahaffy/ MAH21-C-A029/ 51
Core
Number of Samples 51

ANALYSIS REPORT BBM21-10304

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	%	%
A00508089	<0.005	<0.0005	0.007	-	0.095	-
A00508090	<0.005	<0.0005	0.007	-	0.061	-
A00508091	<0.005	<0.0005	0.007	-	0.079	-
A00508092	<0.005	<0.0005	0.007	-	0.082	-
A00508093	<0.005	<0.0005	0.007	-	0.099	-
A00508094	<0.005	<0.0005	0.007	-	0.084	-
A00508095	<0.005	<0.0005	0.005	-	0.095	-
A00508096	<0.005	<0.0005	0.009	-	0.083	-
A00508097	<0.005	<0.0005	0.008	-	0.077	-
A00508098	<0.005	<0.0005	0.008	-	0.064	-
A00508099	<0.005	<0.0005	0.006	-	0.049	-
A00508100	<0.005	<0.0005	0.007	-	0.050	-
A00508101	<0.005	<0.0005	0.007	-	0.053	-
A00508102	<0.005	<0.0005	0.006	-	0.057	-
A00508103	<0.005	<0.0005	0.002	-	0.008	-
A00508104	<0.005	<0.0005	0.006	2.69	0.086	-
A00508105	<0.005	<0.0005	0.006	-	0.081	-
A00508106	<0.005	<0.0005	0.006	-	0.162	-
A00508107	<0.005	<0.0005	0.005	-	0.082	-
A00508108	<0.005	0.0009	0.010	-	0.309	-
A00508109	<0.005	<0.0005	0.006	-	0.087	-
A00508110	<0.005	<0.0005	0.006	-	0.090	-
A00508111	<0.005	<0.0005	0.006	-	0.103	-
A00508112	<0.005	<0.0005	0.005	-	0.100	-
A00508113	<0.005	<0.0005	0.005	-	0.123	-
A00508114	<0.005	<0.0005	0.006	-	0.124	-
A00508115	<0.005	<0.0005	0.002	-	0.006	-
A00508116	<0.005	<0.0005	0.006	-	0.142	-
A00508117	<0.005	<0.0005	0.005	-	0.112	-

- 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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A029/ 51
Core	
Number of Samples	51

ANALYSIS REPORT BBM21-10304

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	%	%
A00508118	<0.005	<0.0005	0.004	-	0.108	-
A00508119	<0.005	<0.0005	0.007	-	0.106	-
A00508120	<0.005	<0.0005	0.007	-	0.119	-
A00508121	<0.005	0.0009	0.010	-	0.332	-
A00508122	<0.005	<0.0005	0.006	-	0.138	-
A00508123	<0.005	<0.0005	0.005	-	0.132	-
A00508124	<0.005	<0.0005	0.006	-	0.123	-
*Dup A00508112	<0.005	<0.0005	0.005	-	0.107	-
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Std OREAS 70b	<0.005	0.0009	0.012	-	-	0.26
*Rep A00508077	<0.005	<0.0005	0.006	-	-	<0.01
*Rep A00508085	<0.005	<0.0005	0.006	-	-	<0.01
*Std SU-1B	<0.005	0.0006	0.026	-	-	>10.00
*Std OREAS 680	<0.005	0.0014	0.241	-	-	5.04
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Std GS314-2	-	-	-	-	2.552	-
*Blk BLANK	-	-	-	-	<0.005	-
*Rep A00508084	-	-	-	-	0.075	-
*Std GS314-2	-	-	-	-	2.530	-
*Blk BLANK	-	-	-	-	<0.005	-
*Blk BLANK	-	-	-	-	<0.005	-
*Std GS314-2	-	-	-	-	2.551	-
*Rep A00508119	-	-	-	-	0.108	-
*Std GS314-2	-	-	-	-	2.525	-
*Blk BLANK	-	-	-	-	<0.005	-
*Blk BLANK	<0.005	<0.0005	<0.001	-	-	<0.05
*Std OREAS 70b	<0.005	0.0009	0.011	-	-	0.19
*Std OREAS 680	<0.005	0.0014	0.207	-	-	4.83
*Blk BLANK	<0.005	<0.0005	<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	MAHAFFY
Submission Number	*LK* Mahaffy/ MAH21-C-A029/ 51
Core	
Number of Samples	51

ANALYSIS REPORT BBM21-10304

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	%	%
*Std SU-1B	0.010	0.0006	0.025	-	-	>10.00
*Rep A00508122	<0.005	<0.0005	0.006	-	-	<0.01

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

APPENDIX III

Drill Logs

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Mahaffy **Hole Number:** MAH21-01A

Easting: 457650 **Length:** 561 **Target:** Mahaffy **Drilling Company:** NPLH Drilling

Northing: 5413477 **Azimuth:** 45 **Core Size:** NQ **Drilling Start:** May-18-2021

Elevation: 270 **Dip:** -70 **Logged By:** **Drilling Completed:**

Tenure Number:

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**116.5**	**OVB, Overburden**									
116.5	**131.5**	**MSed, Metasediments** light grey, vfg, bedded to laminated, mod-weakly carbonatized argillitic metasediments Ni min= nil	A00507774	116.5	118.0	0.008	0.0005	5	2.5	0.025	
			A00507775	118.0	119.5	0.011	0.001	5	2.5	0.025	
			A00507776	119.5	121.0	0.012	0.001	5	2.5	0.025	
			A00507777	121.0	122.5	0.011	0.001	5	2.5	0.025	
			A00507779	122.5	124.0	0.01	0.001	5	2.5	0.025	
			A00507780	124.0	125.5	0.012	0.001	5	2.5	0.025	
			A00507781	125.5	127.0	0.012	0.001	5	2.5	0.025	
			A00507782	127.0	128.5	0.027	0.003	5	2.5	0.025	
			A00507784	128.5	130.0	0.015	0.001	5	2.5	0.025	
			A00507785	130.0	131.5	0.026	0.003	5	2.5	0.025	
131.5	**561**	**Per, Peridotite** medium to dark grey/white, f-mg, adcumulate moderately strongly talcose/carbonatized peridotite/dunite faint cumulate texture visible but most primary cumulate texture is not visible Ni min= tr-0.1% vf-f patchy disseminated aw+pn+hz	A00507786	131.5	133.0	0.174	0.008	5	2.5	0.025	
			A00507787	133.0	134.5	0.191	0.009	5	2.5	0.025	
			A00507789	134.5	136.0	0.186	0.008	5	2.5	0.025	
			A00507790	136.0	137.5	0.186	0.009	5	2.5	0.025	
			A00507791	137.5	139.0	0.158	0.008	5	2.5	0.025	
			A00507792	139.0	140.5	0.185	0.009	5	2.5	0.025	
			A00507793	140.5	142.0	0.193	0.01	5	2.5	0.025	
			A00507794	142.0	143.5	0.19	0.009	5	2.5	0.025	
			A00507795	143.5	145.0	0.205	0.01	5	2.5	0.025	
			A00507796	145.0	146.5	0.194	0.009	5	2.5	0.025	
			A00507797	146.5	148.0	0.198	0.01	5	2.5	0.025	
			A00507799	148.0	149.5	0.19	0.01	5	2.5	0.025	
			A00507800	149.5	151.0	0.19	0.009	5	2.5	0.025	

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507801	151.0	152.5	0.197	0.01	5	2.5	0.025	
			A00507802	152.5	154.0	0.197	0.01	5	5	0.025	
			A00507804	154.0	155.5	0.201	0.01	5	8	0.025	
			A00507805	155.5	157.0	0.18	0.009	5	2.5	0.025	
			A00507806	157.0	158.5	0.199	0.01	5	2.5	0.025	
			A00507807	158.5	160.0	0.2	0.01	5	2.5	0.025	
			A00507809	160.0	161.5	0.203	0.01	5	2.5	0.025	
			A00507810	161.5	163.0	0.216	0.01	5	2.5	0.025	
			A00507811	163.0	164.5	0.199	0.01	5	2.5	0.025	
			A00507812	164.5	166.0	0.208	0.01	5	2.5	0.025	
			A00507813	166.0	167.5	0.214	0.01	5	2.5	0.025	
			A00507814	167.5	169.0	0.205	0.01	5	2.5	0.025	
			A00507815	169.0	170.5	0.217	0.01	5	6	0.025	
			A00507816	170.5	172.0	0.218	0.011	5	2.5	0.025	
			A00507817	172.0	173.5	0.223	0.011	5	2.5	0.025	
			A00507819	173.5	175.0	0.223	0.01	5	2.5	0.025	
			A00507820	175.0	176.5	0.171	0.01	5	2.5	0.025	
			A00507821	176.5	178.0	0.165	0.01	5	2.5	0.025	
			A00507822	178.0	179.5	0.206	0.01	5	2.5	0.025	
			A00507824	179.5	181.0	0.224	0.01	5	2.5	0.025	
			A00507825	181.0	182.5	0.215	0.01	5	2.5	0.025	
			A00507826	182.5	184.0	0.218	0.01	5	2.5	0.025	
			A00507827	184.0	185.5	0.208	0.01	5	2.5	0.025	
			A00507829	185.5	187.0	0.227	0.011	5	2.5	0.025	
			A00507830	187.0	188.5	0.225	0.01	5	2.5	0.025	
			A00507831	188.5	190.0	0.209	0.011	5	2.5	0.025	
			A00507832	190.0	191.5	0.216	0.011	5	2.5	0.025	
			A00507833	191.5	193.0	0.206	0.01	5	2.5	0.025	
			A00507834	193.0	194.5	0.195	0.01	5	2.5	0.03	
			A00507835	194.5	196.0	0.206	0.01	5	2.5	0.0025	
			A00507836	196.0	197.5	0.2	0.01	5	2.5	0.0025	
			A00507837	197.5	199.0	0.204	0.01	5	2.5	0.0025	

DRILL LOG REPORT

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507839	199.0	200.5	0.207	0.011	5	2.5	0.0025	
			A00507840	200.5	202.0	0.206	0.01	5	2.5	0.0025	
			A00507841	202.0	203.5	0.219	0.011	5	2.5	0.0025	
			A00507842	203.5	205.0	0.205	0.01	5	2.5	0.0025	
			A00507844	205.0	206.5	0.206	0.011	5	2.5	0.005	
			A00507845	206.5	208.0	0.207	0.01	5	2.5	0.012	
			A00507846	208.0	209.5	0.208	0.01	5	2.5	0.0025	
			A00507847	209.5	211.0	0.198	0.01	5	2.5	0.0025	
			A00507849	211.0	212.5	0.208	0.01	5	2.5	0.0025	
			A00507850	212.5	214.0	0.206	0.011	5	2.5	0.0025	
			A00507851	214.0	215.5	0.206	0.011	5	2.5	0.0025	
			A00507852	215.5	217.0	0.212	0.011	5	2.5	0.0025	
			A00507853	217.0	218.5	0.205	0.01	5	2.5	0.0025	
			A00507854	218.5	220.0	0.199	0.01	5	2.5	0.0025	
			A00507855	220.0	221.5	0.219	0.01	5	2.5	0.008	
			A00507856	221.5	223.0	0.217	0.01	5	2.5	0.0025	
			A00507857	223.0	224.5	0.199	0.009	5	2.5	0.0025	
			A00507859	224.5	226.0	0.205	0.01	5	2.5	0.0025	
			A00507860	226.0	227.5	0.225	0.011	5	2.5	0.0025	
			A00507861	227.5	229.0	0.205	0.011	5	2.5	0.022	
			A00507862	229.0	230.5	0.218	0.011	5	2.5	0.0025	
			A00507864	230.5	232.0	0.22	0.01	5	2.5	0.0025	
			A00507865	232.0	233.5	0.254	0.014	5	2.5	0.006	
			A00507866	233.5	235.0	0.217	0.012	5	2.5	0.0025	
			A00507867	235.0	236.5	0.281	0.018	5	8	0.015	
			A00507869	236.5	238.0	0.449	0.02	5	20	0.084	
			A00507870	238.0	239.5	0.21	0.011	5	2.5	0.0025	
			A00507871	239.5	241.0	0.215	0.01	5	2.5	0.013	
			A00507872	241.0	242.5	0.205	0.01	5	2.5	0.026	
			A00507873	242.5	244.0	0.227	0.011	5	2.5	0.011	
			A00507874	244.0	245.5	0.219	0.01	5	2.5	0.008	
			A00507875	245.5	247.0	0.188	0.011	5	2.5	0.04	

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507876	247.0	248.5	0.233	0.011	5	2.5	0.042	
			A00507877	248.5	250.0	0.211	0.011	5	2.5	0.014	
			A00507879	250.0	251.5	0.221	0.011	5	2.5	0.019	
			A00507880	251.5	253.0	0.212	0.011	5	2.5	0.02	
			A00507881	253.0	254.5	0.22	0.011	5	2.5	0.055	
			A00507882	254.5	256.0	0.215	0.01	5	2.5	0.126	
			A00507884	256.0	257.5	0.218	0.01	5	2.5	0.107	
			A00507885	257.5	259.0	0.207	0.011	5	2.5	0.09	
			A00507886	259.0	260.5	0.225	0.01	5	2.5	0.023	
			A00507887	260.5	262.0	0.21	0.01	5	2.5	0.036	
			A00507889	262.0	263.5	0.197	0.01	5	2.5	0.018	
			A00507890	263.5	265.0	0.22	0.011	5	2.5	0.009	
			A00507891	265.0	266.5	0.209	0.01	5	2.5	0.011	
			A00507892	266.5	268.0	0.211	0.01	5	2.5	0.017	
			A00507893	268.0	269.5	0.251	0.011	5	2.5	0.033	
			A00507894	269.5	271.0	0.214	0.01	5	2.5	0.013	
			A00507895	271.0	272.5	0.224	0.011	5	2.5	0.016	
			A00507896	272.5	274.0	0.237	0.011	5	2.5	0.014	
			A00507897	274.0	275.5	0.223	0.01	5	2.5	0.011	
			A00507899	275.5	277.0	0.224	0.01	5	2.5	0.012	
			A00507900	277.0	278.5	0.249	0.011	5	2.5	0.015	
			A00507901	278.5	280.0	0.232	0.011	5	2.5	0.011	
			A00507902	280.0	281.5	0.227	0.011	5	2.5	0.01	
			A00507904	281.5	283.0	0.204	0.01	5	14	0.008	
			A00507905	283.0	284.5	0.226	0.011	5	2.5	0.015	
			A00507906	284.5	286.0	0.233	0.011	5	2.5	0.27	
			A00507907	286.0	287.5	0.223	0.011	5	2.5	0.015	
			A00507909	287.5	289.0	0.229	0.01	5	2.5	0.006	
			A00507910	289.0	290.5	0.226	0.011	5	2.5	0.0025	
			A00507911	290.5	292.0	0.218	0.011	5	2.5	0.008	
			A00507912	292.0	293.5	0.175	0.009	5	2.5	0.01	
			A00507913	293.5	295.0	0.205	0.01	5	2.5	0.0025	

DRILL LOG REPORT

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507914	295.0	296.5	0.19	0.01	5	2.5	0.0025	
			A00507915	296.5	298.0	0.2	0.01	5	2.5	0.01	
			A00507916	298.0	299.5	0.216	0.011	5	2.5	0.017	
			A00507917	299.5	301.0	0.221	0.011	5	2.5	0.025	
			A00507919	301.0	302.5	0.217	0.01	5	2.5	0.027	
			A00507920	302.5	304.0	0.22	0.011	5	2.5	0.031	
			A00507921	304.0	305.5	0.227	0.011	5	2.5	0.025	
			A00507922	305.5	307.0	0.211	0.011	5	10	0.022	
			A00507924	307.0	308.5	0.217	0.011	5	2.5	0.016	
			A00507925	308.5	310.0	0.228	0.01	5	2.5	0.016	
			A00507926	310.0	311.5	0.229	0.011	5	2.5	0.028	
			A00507927	311.5	313.0	0.227	0.011	5	2.5	0.038	
			A00507929	313.0	314.5	0.244	0.011	5	2.5	0.047	
			A00507930	314.5	316.0	0.24	0.012	5	2.5	0.048	
			A00507931	316.0	317.5	0.237	0.011	5	2.5	0.056	
			A00507932	317.5	319.0	0.239	0.011	5	2.5	0.051	
			A00507933	319.0	320.5	0.252	0.012	5	2.5	0.047	
			A00507934	320.5	322.0	0.221	0.011	5	2.5	0.038	
			A00507935	322.0	323.5	0.195	0.01	5	2.5	0.033	
			A00507936	323.5	325.0	0.216	0.01	5	2.5	0.039	
			A00507937	325.0	326.5	0.221	0.01	5	2.5	0.039	
			A00507939	326.5	328.0	0.213	0.011	5	2.5	0.026	
			A00507940	328.0	329.5	0.209	0.011	5	12	0.04	
			A00507941	329.5	331.0	0.219	0.011	5	2.5	0.035	
			A00507942	331.0	332.5	0.209	0.011	5	2.5	0.022	
			A00507944	332.5	334.0	0.206	0.011	5	2.5	0.028	
			A00507945	334.0	335.5	0.212	0.011	5	2.5	0.036	
			A00507946	335.5	337.0	0.243	0.01	5	21	0.049	
			A00507947	337.0	338.5	0.224	0.012	5	2.5	0.041	
			A00507949	338.5	340.0	0.224	0.011	5	2.5	0.048	
			A00507950	340.0	341.5	0.197	0.01	5	2.5	0.04	
			A00507951	341.5	343.0	0.195	0.011	5	2.5	0.036	

DRILL LOG REPORT

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507952	343.0	344.5	0.219	0.012	5	2.5	0.044	
			A00507953	344.5	346.0	0.212	0.011	5	2.5	0.036	
			A00507954	346.0	347.5	0.211	0.012	5	2.5	0.088	
			A00507955	347.5	349.0	0.214	0.012	40	2.5	0.073	
			A00507956	349.0	350.5	0.23	0.011	5	2.5	0.084	
			A00507957	350.5	352.0	0.213	0.01	5	2.5	0.083	
			A00507959	352.0	353.5	0.224	0.011	5	2.5	0.088	
			A00507960	353.5	355.0	0.214	0.01	5	2.5	0.06	
			A00507961	355.0	356.5	0.23	0.01	5	2.5	0.091	
			A00507962	356.5	358.0	0.231	0.009	5	2.5	0.061	
			A00507964	358.0	359.5	0.233	0.012	5	2.5	0.077	
			A00507965	359.5	361.0	0.235	0.009	5	2.5	0.088	
			A00507966	361.0	362.5	0.227	0.011	5	2.5	0.064	
			A00507967	362.5	364.0	0.218	0.011	5	2.5	0.102	
			A00507969	364.0	365.5	0.217	0.011	5	2.5	0.09	
			A00507970	365.5	367.0	0.218	0.01	5	2.5	0.071	
			A00507971	367.0	368.5	0.202	0.01	5	2.5	0.047	
			A00507972	368.5	370.0	0.208	0.01	5	2.5	0.095	
			A00507973	370.0	371.5	0.22	0.01	5	2.5	0.048	
			A00507974	371.5	373.0	0.213	0.01	5	2.5	0.047	
			A00507975	373.0	374.5	0.209	0.01	5	2.5	0.072	
			A00507976	374.5	376.0	0.21	0.01	5	2.5	0.043	
			A00507977	376.0	377.5	0.211	0.01	5	2.5	0.044	
			A00507979	377.5	379.0	0.213	0.01	5	2.5	0.063	
			A00507980	379.0	380.5	0.214	0.01	5	2.5	0.046	
			A00507981	380.5	382.0	0.2	0.009	5	2.5	0.044	
			A00507982	382.0	383.5	0.194	0.01	5	2.5	0.053	
			A00507984	383.5	385.0	0.205	0.01	5	2.5	0.055	
			A00507985	385.0	386.5	0.2	0.01	5	2.5	0.056	
			A00507986	386.5	388.0	0.219	0.012	5	2.5	0.096	
			A00507987	388.0	389.5	0.238	0.011	5	2.5	0.076	
			A00507989	389.5	391.0	0.214	0.01	5	7	0.083	

DRILL LOG REPORT

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00507990	391.0	392.5	0.223	0.011	5	14	0.064	
			A00507991	392.5	394.0	0.2	0.009	5	38	0.045	
			A00507992	394.0	395.5	0.211	0.01	5	2.5	0.06	
			A00507993	395.5	397.0	0.224	0.011	5	2.5	0.073	
			A00507994	397.0	398.5	0.211	0.01	5	2.5	0.056	
			A00507995	398.5	400.0	0.23	0.01	5	2.5	0.063	
			A00507996	400.0	401.5	0.336	0.014	5	2.5	0.129	
			A00507997	401.5	403.0	0.198	0.009	5	2.5	0.032	
			A00507999	403.0	404.5	0.196	0.01	5	2.5	0.023	
			A00508000	404.5	406.0	0.198	0.01	5	2.5	0.017	
			A00508001	406.0	407.5	0.18	0.01	5	2.5	0.018	
			A00508002	407.5	409.0	0.193	0.01	5	2.5	0.022	
			A00508004	409.0	410.5	0.207	0.01	5	7	0.035	
			A00508005	410.5	412.0	0.203	0.01	5	2.5	0.019	
			A00508006	412.0	413.5	0.188	0.01	5	23	0.059	
			A00508007	413.5	415.0	0.212	0.011	5	2.5	0.042	
			A00508009	415.0	416.5	0.201	0.011	5	2.5	0.249	
			A00508010	416.5	418.0	0.187	0.01	5	2.5	0.11	
			A00508011	418.0	419.5	0.2	0.01	5	2.5	0.02	
			A00508012	419.5	421.0	0.201	0.01	5	2.5	0.067	
			A00508013	421.0	422.5	0.212	0.011	5	2.5	0.016	
			A00508014	422.5	424.0	0.195	0.011	5	2.5	0.032	
			A00508015	424.0	425.5	0.195	0.011	5	6	0.021	
			A00508016	425.5	427.0	0.207	0.011	5	2.5	0.024	
			A00508017	427.0	428.5	0.197	0.01	5	2.5	0.036	
			A00508019	428.5	430.0	0.206	0.011	5	2.5	0.046	
			A00508020	430.0	431.5	0.203	0.012	5	7	0.022	
			A00508021	431.5	433.0	0.215	0.011	5	2.5	0.026	
			A00508022	433.0	434.5	0.215	0.01	5	27	0.023	
			A00508024	434.5	436.0	0.22	0.01	5	2.5	0.023	
			A00508025	436.0	437.5	0.213	0.01	5	14	0.023	
			A00508026	437.5	439.0	0.238	0.011	5	7	0.023	

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00508027	439.0	440.5	0.237	0.01	5	2.5	0.044	
			A00508029	440.5	442.0	0.235	0.011	5	2.5	0.081	
			A00508030	442.0	443.5	0.25	0.012	5	2.5	0.124	
			A00508031	443.5	445.0	0.225	0.011	5	2.5	0.168	
			A00508032	445.0	446.5	0.236	0.011	5	2.5	0.131	
			A00508033	446.5	448.0	0.25	0.012	5	2.5	0.138	
			A00508034	448.0	449.5	0.259	0.012	5	2.5	0.126	
			A00508035	449.5	451.0	0.249	0.011	5	2.5	0.108	
			A00508036	451.0	452.5	0.24	0.011	5	2.5	0.115	
			A00508037	452.5	454.0	0.245	0.011	5	2.5	0.125	
			A00508039	454.0	455.5	0.175	0.009	5	2.5	0.124	
			A00508040	455.5	457.0	0.228	0.011	5	2.5	0.115	
			A00508041	457.0	458.5	0.228	0.011	5	2.5	0.159	
			A00508042	458.5	460.0	0.248	0.011	5	2.5	0.108	
			A00508044	460.0	461.5	0.236	0.011	5	2.5	0.11	
			A00508045	461.5	463.0	0.253	0.012	5	2.5	0.114	
			A00508046	463.0	464.5	0.246	0.012	5	2.5	0.11	
			A00508047	464.5	466.0	0.236	0.01	5	2.5	0.113	
			A00508049	466.0	467.5	0.257	0.012	5	2.5	0.139	
			A00508050	467.5	469.0	0.228	0.011	5	2.5	0.104	
			A00508051	469.0	470.5	0.245	0.011	5	2.5	0.109	
			A00508052	470.5	472.0	0.271	0.012	5	2.5	0.115	
			A00508053	472.0	473.5	0.216	0.01	5	2.5	0.115	
			A00508054	473.5	475.0	0.239	0.011	5	2.5	0.112	
			A00508055	475.0	476.5	0.233	0.01	5	2.5	0.117	
			A00508056	476.5	478.0	0.228	0.011	5	2.5	0.112	
			A00508057	478.0	479.5	0.215	0.009	5	2.5	0.121	
			A00508059	479.5	481.0	0.234	0.009	5	2.5	0.067	
			A00508060	481.0	482.5	0.248	0.01	5	2.5	0.07	
			A00508061	482.5	484.0	0.249	0.01	5	2.5	0.073	
			A00508062	484.0	485.5	0.246	0.011	5	2.5	0.069	
			A00508064	485.5	487.0	0.234	0.011	5	2.5	0.077	

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00508065	487.0	488.5	0.22	0.01	5	2.5	0.072	
			A00508066	488.5	490.0	0.217	0.01	5	2.5	0.066	
			A00508067	490.0	491.5	0.232	0.01	5	2.5	0.078	
			A00508069	491.5	493.0	0.215	0.01	5	2.5	0.07	
			A00508070	493.0	494.5	0.233	0.011	5	2.5	0.066	
			A00508071	494.5	496.0	0.237	0.011	5	2.5	0.07	
			A00508072	496.0	497.5	0.235	0.01	5	2.5	0.066	
			A00508073	497.5	499.0	0.243	0.011	5	2.5	0.078	
			A00508074	499.0	500.5	0.249	0.01	5	2.5	0.084	
			A00508075	500.5	502.0	0.252	0.011	5	2.5	0.067	
			A00508076	502.0	503.5	0.244	0.01	5	2.5	0.06	
			A00508077	503.5	505.0	0.246	0.01	5	2.5	0.062	
			A00508079	505.0	506.5	0.244	0.011	5	2.5	0.08	
			A00508080	506.5	508.0	0.242	0.01	5	2.5	0.064	
			A00508081	508.0	509.5	0.244	0.011	5	2.5	0.059	
			A00508082	509.5	511.0	0.243	0.01	5	2.5	0.056	
			A00508084	511.0	512.5	0.25	0.011	5	2.5	0.062	
			A00508085	512.5	514.0	0.233	0.012	5	2.5	0.062	
			A00508086	514.0	515.5	0.258	0.011	5	2.5	0.059	
			A00508087	515.5	517.0	0.264	0.011	5	2.5	0.077	
			A00508089	517.0	518.5	0.25	0.011	5	2.5	0.095	
			A00508090	518.5	520.0	0.242	0.011	5	2.5	0.061	
			A00508091	520.0	521.5	0.244	0.012	5	2.5	0.079	
			A00508092	521.5	523.0	0.249	0.01	5	2.5	0.082	
			A00508093	523.0	524.5	0.256	0.01	5	2.5	0.099	
			A00508094	524.5	526.0	0.256	0.01	5	2.5	0.084	
			A00508095	526.0	527.5	0.241	0.01	5	2.5	0.095	
			A00508096	527.5	529.0	0.275	0.013	5	2.5	0.083	
			A00508097	529.0	530.5	0.276	0.01	5	2.5	0.077	
			A00508099	530.5	532.0	0.255	0.01	5	6	0.049	
			A00508100	532.0	533.5	0.239	0.01	5	2.5	0.05	
			A00508101	533.5	535.0	0.25	0.012	5	2.5	0.053	

Project: Mahaffy **Hole Number:** MAH21-01A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A00508102	535.0	536.5	0.246	0.01	5	2.5	0.057	
			A00508104	536.5	538.0	0.245	0.01	5	2.5	0.086	
			A00508105	538.0	539.5	0.235	0.011	5	2.5	0.081	
			A00508106	539.5	541.0	0.236	0.009	5	2.5	0.162	
			A00508107	541.0	542.5	0.223	0.01	5	2.5	0.082	
			A00508109	542.5	544.0	0.246	0.009	5	2.5	0.087	
			A00508110	544.0	545.5	0.253	0.009	5	2.5	0.09	
			A00508111	545.5	547.0	0.233	0.01	5	2.5	0.103	
			A00508112	547.0	548.5	0.204	0.012	5	2.5	0.1	
			A00508113	548.5	550.0	0.241	0.012	5	2.5	0.123	
			A00508114	550.0	551.5	0.247	0.013	5	2.5	0.124	
			A00508116	551.5	553.0	0.237	0.009	5	2.5	0.142	
			A00508117	553.0	554.5	0.212	0.009	5	2.5	0.112	
			A00508119	554.5	556.0	0.251	0.01	5	2.5	0.106	
			A00508120	556.0	557.5	0.261	0.011	5	2.5	0.119	
			A00508122	557.5	559.0	0.248	0.009	5	10	0.138	
			A00508123	559.0	560.0	0.232	0.009	5	2.5	0.132	
			A00508124	560.0	561.0	0.241	0.009	5	2.5	0.123	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Mahaffy					**Hole Number:**	MAH21-02A
Easting:	457562	**Length:**	495	**Target:**	Mahaffy	**Drilling Company:**	NPLH Drilling
Northing:	5413681	**Azimuth:**	60	**Core Size:**	BQ	**Drilling Start:**	May-26-2021
Elevation:	270	**Dip:**	-70	**Logged By:**		**Drilling Completed:**	Jun-11-2021
				Tenure Number:			

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**160**	**OVB, Overburden**									
~1m of Granite boulder fragments recovered. Hole drilled in BQ due to reducing rod size for casing length.											
160	**284.8**	**Dun, Dunite**	B468237	160.0	162.0	0.245	0.013	9	2.5	0.02	
Dunite. Fg. Adcumulate. Drk grey. Strong pervasive serp +/-talc-cb alt. Weak frac fill brucite, dissipates downhole after ~190m. 1-2% serp strgrs with weak cal alt halos. Tr-0.1% ufg diss AW +/- PN/HZ. Strong magnetism. Patchy weak crys lined fol starting ~253m, then becomes open network fracs around 278m. Sharp lower ctc marked by gouge.			B468238	162.0	163.5	0.23	0.011	43	11	0.03	
			B468239	163.5	165.0	0.226	0.013	46	10	0.04	
			B468240	165.0	166.5	0.243	0.011	18	2.5	0.005	
2cm patch of mg blebby PN/HZ at 210.0m on shoulder of 0.5cm serp vn.			B468241	166.5	168.0	0.237	0.011	8	2.5	0.005	
			B468242	168.0	169.5	0.241	0.012	9	2.5	0.03	
1cm patch of mg blebby PN/HZ at 240.9m on shoulder of 0.5cm serp vn.			B468244	169.5	171.0	0.233	0.012	9	7	0.04	
			B468245	171.0	172.5	0.245	0.013	10	2.5	0.02	
			B468246	172.5	174.0	0.249	0.013	2.5	2.5	0.02	
			B468247	174.0	175.5	0.25	0.013	8	2.5	0.02	
			B468249	175.5	177.0	0.229	0.011	11	2.5	0.02	
			B468250	177.0	178.5	0.231	0.011	13	2.5	0.02	
			B468251	178.5	180.0	0.231	0.012	6	2.5	0.02	
			B468252	180.0	181.5	0.237	0.012	9	2.5	0.03	
			B468254	181.5	183.0	0.239	0.011	8	2.5	0.04	
			B468255	183.0	184.5	0.234	0.012	36	25	0.25	
			B468256	184.5	186.0	0.264	0.015	24	14	0.07	
			B468257	186.0	187.5	0.232	0.016	8	7	0.07	
			B468258	187.5	189.0	0.171	0.015	2.5	6	0.04	
			B468259	189.0	190.5	0.174	0.015	8	2.5	0.03	
			B468260	190.5	192.0	0.181	0.014	7	13	0.03	
			B468261	192.0	193.5	0.171	0.014	6	8	0.04	
			B468262	193.5	195.0	0.178	0.015	10	14	0.03	

Project: Mahaffy **Hole Number:** MAH21-02A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B468263	195.0	196.5	0.175	0.014	10	15	0.02	
			B468264	196.5	198.0	0.159	0.014	14	23	0.03	
			B468266	198.0	199.5	0.172	0.015	6	14	0.005	
			B468267	199.5	201.0	0.165	0.015	2.5	7	0.005	
			B468268	201.0	202.5	0.172	0.016	2.5	6	0.005	
			B468269	202.5	204.0	0.176	0.014	6	6	0.005	
			B468271	204.0	205.5	0.179	0.014	6	2.5	0.02	
			B468272	205.5	207.0	0.179	0.015	7	2.5	0.01	SG
			B468274	207.0	208.5	0.176	0.011	6	2.5	0.02	
			B468275	208.5	210.0	0.187	0.016	2.5	2.5	0.005	
			B468276	210.0	211.0	0.326	0.029	19	119	0.07	PN/HZ on shoulder of serp vn.
			B468277	211.0	212.0	0.177	0.016	2.5	2.5	0.02	
			B468278	212.0	213.5	0.186	0.013	2.5	2.5	0.03	
			B468279	213.5	214.5	0.186	0.013	2.5	2.5	0.005	
			B468280	214.5	216.0	0.197	0.015	9	2.5	0.005	
			B468281	216.0	217.5	0.196	0.016	6	2.5	0.005	
			B468282	217.5	219.0	0.193	0.015	2.5	2.5	0.005	
			B468283	219.0	220.5	0.195	0.016	2.5	2.5	0.04	
			B468284	220.5	222.0	0.187	0.015	2.5	2.5	0.03	
			B468285	222.0	223.5	0.201	0.015	2.5	2.5	0.04	
			B468286	223.5	225.0	0.194	0.015	2.5	2.5	0.02	
			B468287	225.0	226.5	0.191	0.015	2.5	2.5	0.02	
			B468289	226.5	228.0	0.193	0.014	9	7	0.05	
			B468290	228.0	229.5	0.188	0.014	2.5	2.5	0.04	
			B468292	229.5	231.0	0.176	0.015	7	2.5	0.02	
			B468293	231.0	232.5	0.185	0.015	2.5	2.5	0.04	
			B468294	232.5	234.0	0.18	0.013	46	37	0.03	
			B468296	234.0	235.5	0.185	0.015	2.5	2.5	0.03	
			B468297	235.5	237.0	0.185	0.014	6	2.5	0.02	
			B468298	237.0	238.5	0.182	0.015	13	7	0.01	
			B468299	238.5	240.0	0.183	0.015	6	2.5	0.02	
			B468300	240.0	241.0	0.185	0.013	6	2.5	0.03	PN/HZ on serp vnlt.

Project: Mahaffy **Hole Number:** MAH21-02A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B468301	241.0	242.0	0.177	0.014	2.5	2.5	0.03	
			B468302	242.0	243.0	0.169	0.014	7	2.5	0.02	
			B468304	243.0	244.5	0.238	0.013	8	2.5	0.07	
			B468305	244.5	246.0	0.181	0.014	8	2.5	0.04	
			B468306	246.0	247.5	0.184	0.014	6	2.5	0.04	
			B468308	247.5	249.0	0.178	0.012	8	2.5	0.05	
			B468309	249.0	250.5	0.184	0.014	6	2.5	0.03	SG
			B468310	250.5	252.0	0.186	0.015	5	2.5	0.03	
			B468311	252.0	253.5	0.192	0.016	9	2.5	0.02	
			B468312	253.5	255.0	0.192	0.016	8	2.5	0.02	
			B468314	255.0	256.5	0.187	0.014	11	2.5	0.03	
			B468315	256.5	258.0	0.195	0.016	2.5	2.5	0.02	
			B468316	258.0	259.5	0.202	0.015	5	2.5	0.02	
			B468317	259.5	261.0	0.191	0.015	36	29	0.03	
			B468318	261.0	262.5	0.195	0.014	2.5	6	0.02	
			B468319	262.5	264.0	0.192	0.014	2.5	6	0.04	
			B468320	264.0	265.5	0.196	0.013	2.5	6	0.02	
			B468321	265.5	267.0	0.194	0.014	2.5	2.5	0.03	
			B468322	267.0	268.5	0.18	0.015	2.5	6	0.005	
			B468324	268.5	270.0	0.185	0.015	2.5	2.5	0.03	
			B468325	270.0	271.5	0.184	0.014	14	21	0.03	
			B468326	271.5	273.0	0.174	0.013	2.5	2.5	0.03	
			B468328	273.0	274.5	0.172	0.015	8	8	0.02	
			B468329	274.5	276.0	0.17	0.014	20	27	0.04	
			B468330	276.0	277.5	0.156	0.013	51	39	0.03	
			B468331	277.5	279.0	0.174	0.012	35	42	0.03	
			B468332	279.0	280.5	0.18	0.015	16	19	0.02	
			B468333	280.5	282.0	0.176	0.012	14	20	0.03	
			B468335	282.0	283.5	0.174	0.011	11	21	0.03	
			B468336	283.5	284.8	0.182	0.015	10	19	0.02	
284.8	**285.3**	**Lamp, Lamprophyre**	B468337	284.8	286.0	0.124	0.01	9	10	0.06	+/- dyke

Lamprophyre? Dyke. Dull red-brown to grey-green. Vfg plag rich matrix with minor fg plag and pyroxene phenos. Strong iron staining/hematite at margins. Minor serp

Project: Mahaffy **Hole Number:** MAH21-02A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
strgrs with tr PN/HZ. Non-magnetic. Sharp ctcs.											
285.3	**295.5**	**Dun, Dunite**	B468337	284.8	286.0	0.124	0.01	9	10	0.06	+/- dyke
Dunite similar to above. Drk gry. Fg. Adcumulate. Strong pervasive serp. 1-2% serp vnlts with weak cal alt halos. Tr-0.1% ufg diss and frac controlled AW +/- PN/HZ. Strong magnetism. Lower ctc marked by lost core interval.			B468338	286.0	287.0	0.184	0.009	10	10	0.03	
			B468339	287.0	288.0	0.159	0.013	2.5	2.5	0.04	
288.1-288.5m, lamprophyre? dyke similar to above with sharp ctcs, strongly sheared upper shoulder.			B468340	288.0	289.0	0.102	0.01	2.5	2.5	0.02	+/- dyke
			B468341	289.0	290.0	0.168	0.011	2.5	2.5	0.04	
			B468342	290.0	291.0	0.171	0.012	13	2.5	0.01	
			B468344	291.0	292.5	0.168	0.012	11	5	0.03	
			B468345	292.5	294.0	0.175	0.011	16	2.5	0.04	
			B468346	294.0	295.5	0.15	0.012	2.5	2.5	0.03	
295.5	**297**	**LC, Lost Core**									
1.5m recovery between 294-297m. Drillers remark "wash".											
297	**301.5**	**Dun, Dunite**	B468348	297.0	298.5	0.156	0.014	12	2.5	0.01	Lost core 295.5-297.0m.
Dunite as above. Gradational lower ctc marked by start of significant cal alt.			B468349	298.5	300.0	0.181	0.014	2.5	2.5	0.005	
			B468350	300.0	301.5	0.167	0.014	5	2.5	0.02	
301.5	**306**	**CbDun, Carbonatized Dunite**	B468351	301.5	303.0	0.171	0.012	8	2.5	0.05	
Carbonated Dunite. Overall, similar to above, but has strong cal alt and patchy ragged chloritic clots. Blocky/fractured with ~5% serp vns, locally gougey. Tr ufg diss and frac fill AW +/- PN/HZ. Strong magnetism. Gradational ctcs- marked by significant change in alt.			B468352	303.0	304.5	0.159	0.013	15	5	0.03	
			B468354	304.5	306.0	0.143	0.012	10	2.5	0.04	
306	**316.5**	**Dun, Dunite**	B468355	306.0	307.5	0.161	0.014	2.5	2.5	0.03	
Dunite similar to above. Drk gry. Fg. Adcumulate. Strong pervasive serp. 1-2% serp vnlts with weak cal alt halos. Tr-0.1% ufg diss and frac controlled AW +/- PN/HZ. Strong magnetism. Gradational lower ctc.			B468356	307.5	309.0	0.16	0.016	13	2.5	0.01	
			B468357	309.0	310.5	0.16	0.015	2.5	2.5	0.005	
			B468358	310.5	312.0	0.153	0.014	10	2.5	0.01	SG
			B468359	312.0	313.5	0.143	0.014	23	2.5	0.005	
			B468360	313.5	315.0	0.155	0.014	8	2.5	0.005	
			B468361	315.0	316.5	0.152	0.014	5	2.5	0.005	
316.5	**346**	**CbDun, Carbonatized Dunite**	B468362	316.5	318.0	0.148	0.014	2.5	2.5	0.005	
Carbonated Dunite. Fg-mg. Pervasive mottled cal alt (reacts vigorously to HCl). Patchy mottled ragged mg serp+/- chl clots. Has a sort of fragmental appearance, but hard to tell due to alteration overprinting. Dark gry-grn. Patchy blocky/fracs to mod-strong annealed shear fabric lined in crys/serp. 1-3% serp strgrs and vns, irregular. Tr-0.5% ufg-fg diss and frac controlled PN/HZ +/- AW, Millerite. Strong magnetism. Gradational lower ctc.			B468363	318.0	319.5	0.132	0.014	2.5	2.5	0.02	
			B468364	319.5	321.0	0.165	0.014	2.5	2.5	0.005	
			B468366	321.0	322.5	0.158	0.014	2.5	2.5	0.005	
			B468367	322.5	324.0	0.152	0.015	7	2.5	0.005	
341.6m, 5cm rubble serp vn, lime green, with tr frac fill very light yellow to slightly silverish dull metallic mineral mixed with magnetite. PN/HZ? (but very pale compared to usual) or Pyrite? (but is very leafy-not cubic) or Gold? (but not bright			B468368	324.0	325.5	0.155	0.014	2.5	2.5	0.02	
			B468369	325.5	327.0	0.155	0.014	12	2.5	0.02	

Project: Mahaffy **Hole Number:** MAH21-02A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
enough).... probably PY.			B468371	327.0	328.5	0.195	0.014	6	2.5	0.03	
344m, ~10cm hematite-talc-ca bx vn.			B468372	328.5	330.0	0.232	0.014	12	20	0.05	
			B468373	330.0	331.5	0.216	0.015	10	19	0.04	
			B468375	331.5	333.0	0.235	0.015	10	24	0.05	
			B468376	333.0	334.5	0.284	0.015	21	36	0.07	
			B468377	334.5	336.0	0.145	0.014	24	29	0.02	
			B468378	336.0	337.5	0.232	0.017	45	93	0.05	
			B468379	337.5	339.0	0.286	0.016	41	95	0.07	
			B468380	339.0	340.5	0.16	0.014	43	50	0.02	
			B468381	340.5	341.5	0.182	0.012	21	26	0.03	
			B468382	341.5	342.0	0.22	0.011	2.5	2.5	0.04	
			B468383	342.0	343.5	0.201	0.009	2.5	2.5	0.05	
			B468385	343.5	344.1	0.21	0.01	2.5	2.5	0.06	
			B468386	344.1	345.0	0.26	0.011	2.5	2.5	0.07	
			B468388	345.0	346.5	0.259	0.011	2.5	2.5	0.06	
346	**495**	**Dun, Dunite**	B468388	345.0	346.5	0.259	0.011	2.5	2.5	0.06	
Dunite. Drk gry-grn. Fg. Adcumulate. Strong serp. Patchy weak frac controlled cal and crys. 1-3% serp-+/- cb strgrs. Tr-0.25, locally up to 0.5% ufg diss and frac controlled PN/HZ +/- AW. Strong magnetism.			B468389	346.5	348.0	0.244	0.011	2.5	2.5	0.05	
			B468390	348.0	349.5	0.252	0.011	2.5	2.5	0.05	
414.0-417.0m, Patchy cg poikolitic peridotite. Starting ~462m, trace pinkish mineral as disseminations and as frac fill.			B468391	349.5	351.0	0.248	0.011	2.5	2.5	0.04	
			B468392	351.0	352.5	0.242	0.011	2.5	2.5	0.05	
EOH = 495m.			B468394	352.5	354.0	0.239	0.011	2.5	2.5	0.03	
			B468395	354.0	355.5	0.25	0.012	2.5	2.5	0.05	
			B468396	355.5	357.0	0.248	0.012	2.5	2.5	0.05	
			B468397	357.0	358.5	0.241	0.012	2.5	2.5	0.05	
			B468398	358.5	360.0	0.252	0.01	2.5	2.5	0.05	SG
			B468399	360.0	361.5	0.25	0.011	2.5	2.5	0.05	
			B468400	361.5	363.0	0.254	0.011	2.5	2.5	0.05	
			B468401	363.0	364.5	0.247	0.011	2.5	2.5	0.05	
			B468402	364.5	366.0	0.249	0.011	2.5	2.5	0.05	
			B468403	366.0	367.5	0.255	0.011	2.5	2.5	0.05	
			B468405	367.5	369.0	0.258	0.011	2.5	2.5	0.05	
			B468406	369.0	370.5	0.246	0.011	2.5	2.5	0.05	

Project: Mahaffy **Hole Number:** MAH21-02A

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B468407	370.5	372.0	0.258	0.01	2.5	2.5	0.05	
			B468409	372.0	373.5	0.268	0.011	2.5	2.5	0.06	
			B468506	373.5	375.0	0.256	0.011	2.5	2.5	0.05	Out of sequence
			B468411	375.0	376.5	0.244	0.011	2.5	2.5	0.05	
			B468412	376.5	378.0	0.245	0.011	2.5	2.5	0.05	
			B468413	378.0	379.5	0.329	0.01	2.5	54	0.07	
			B468414	379.5	381.0	0.247	0.011	2.5	2.5	0.03	
			B468415	381.0	382.5	0.246	0.012	2.5	2.5	0.02	
			B468416	382.5	384.0	0.23	0.01	2.5	2.5	0.02	
			B468417	384.0	385.5	0.235	0.011	2.5	2.5	0.05	
			B468418	385.5	387.0	0.248	0.011	2.5	2.5	0.01	
			B468419	387.0	388.5	0.254	0.012	2.5	2.5	0.02	
			B468420	388.5	390.0	0.239	0.012	2.5	2.5	0.03	
			B468421	390.0	391.5	0.247	0.011	2.5	2.5	0.03	
			B468422	391.5	393.0	0.236	0.012	2.5	2.5	0.02	
			B468424	393.0	394.5	0.216	0.012	2.5	2.5	0.02	
			B468425	394.5	396.0	0.253	0.012	2.5	2.5	0.06	
			B468426	396.0	397.5	0.224	0.012	2.5	2.5	0.02	
			B468427	397.5	399.0	0.182	0.01	2.5	2.5	0.03	
			B468428	399.0	400.5	0.239	0.011	2.5	2.5	0.06	
			B468429	400.5	402.0	0.239	0.012	7	2.5	0.04	
			B468431	402.0	403.5	0.225	0.012	2.5	2.5	0.02	
			B468432	403.5	405.0	0.207	0.012	2.5	2.5	0.02	SG
			B468433	405.0	406.5	0.191	0.011	5	2.5	0.03	
			B468434	406.5	408.0	0.204	0.012	6	2.5	0.02	
			B468436	408.0	409.5	0.199	0.012	2.5	2.5	0.05	
			B468437	409.5	411.0	0.199	0.011	2.5	5	0.01	
			B468438	411.0	412.5	0.192	0.011	2.5	2.5	0.03	
			B468439	412.5	414.0	0.161	0.012	2.5	2.5	0.005	
			B468440	414.0	415.5	0.161	0.012	2.5	2.5	0.005	
			B468441	415.5	417.0	0.176	0.011	2.5	2.5	0.02	
			B468442	417.0	418.5	0.207	0.011	2.5	2.5	0.005	

Project: Mahaffy **Hole Number:** MAH21-02A

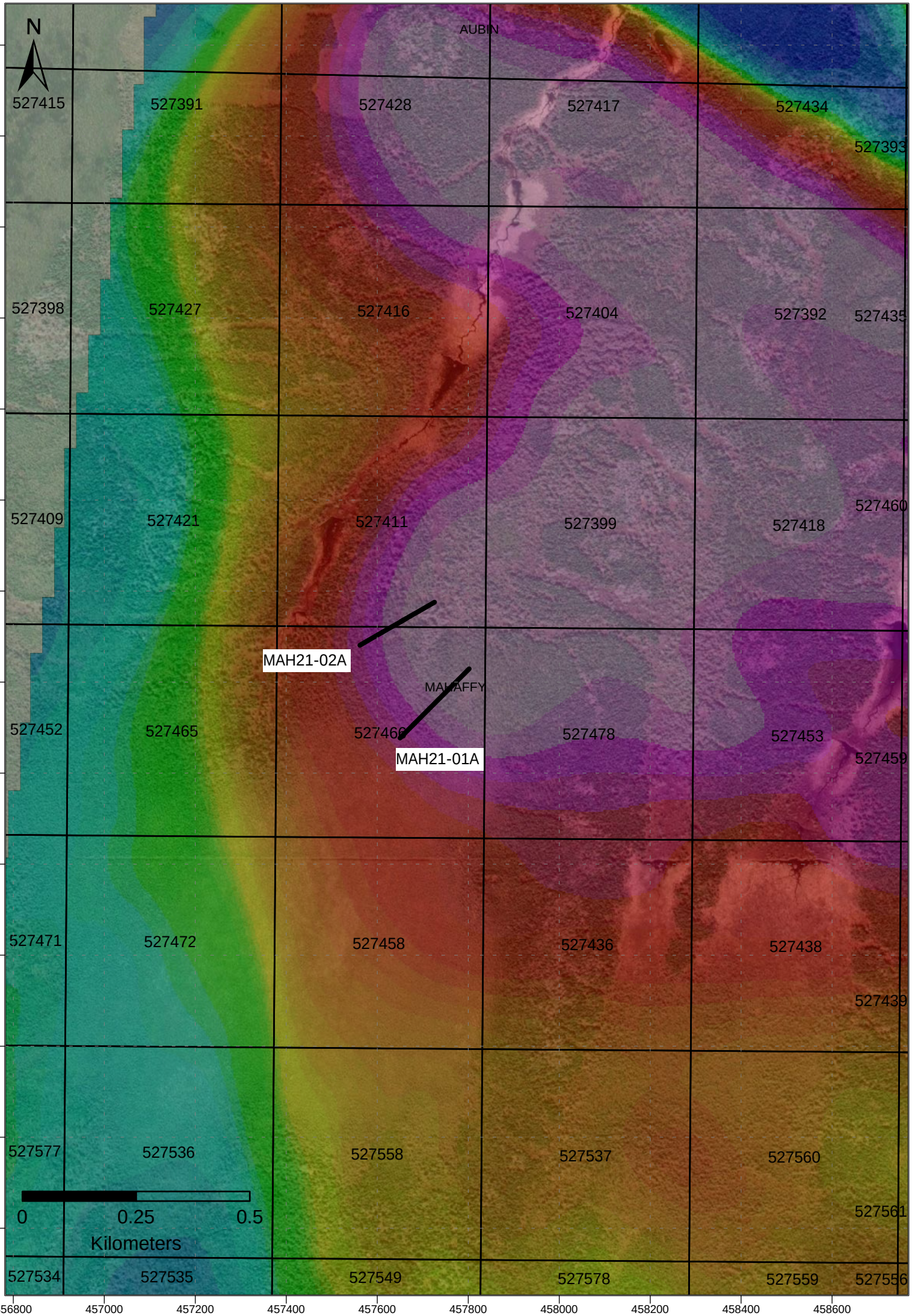
From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B468443	418.5	420.0	0.219	0.011	2.5	12	0.01	
			B468444	420.0	421.5	0.231	0.01	6	2.5	0.04	
			B468446	421.5	423.0	0.269	0.01	2.5	11	0.06	
			B468447	423.0	424.5	0.268	0.009	2.5	13	0.07	
			B468448	424.5	426.0	0.283	0.008	13	26	0.07	
			B468449	426.0	427.5	0.446	0.01	21	54	0.13	
			B468450	427.5	429.0	0.485	0.019	6	32	0.16	
			B468451	429.0	430.5	0.451	0.016	10	28	0.14	
			B468452	430.5	432.0	0.305	0.01	6	19	0.07	
			B468454	432.0	433.5	0.276	0.011	12	22	0.05	
			B468455	433.5	435.0	0.264	0.011	6	17	0.05	
			B468457	435.0	436.5	0.238	0.011	6	13	0.04	
			B468458	436.5	438.0	0.251	0.012	13	30	0.05	
			B468459	438.0	439.5	0.207	0.012	10	26	0.03	
			B468460	439.5	441.0	0.221	0.013	12	21	0.05	
			B468461	441.0	442.5	0.213	0.015	9	30	0.02	
			B468462	442.5	444.0	0.206	0.012	14	29	0.02	
			B468463	444.0	445.5	0.227	0.012	10	20	0.02	
			B468464	445.5	447.0	0.218	0.013	7	19	0.03	
			B468466	447.0	448.5	0.207	0.013	2.5	2.5	0.02	
			B468467	448.5	450.0	0.231	0.012	2.5	10	0.03	
			B468468	450.0	451.5	0.252	0.013	5	11	0.05	
			B468470	451.5	453.0	0.265	0.014	5	11	0.02	
			B468471	453.0	454.5	0.252	0.013	2.5	7	0.03	
			B468472	454.5	456.0	0.273	0.013	7	6	0.12	
			B468473	456.0	457.5	0.347	0.012	2.5	19	0.1	SG
			B468474	457.5	459.0	0.314	0.013	17	22	0.06	
			B468476	459.0	460.5	0.33	0.013	2.5	14	0.07	
			B468477	460.5	462.0	0.304	0.012	6	12	0.08	
			B468478	462.0	463.5	0.288	0.013	2.5	12	0.05	
			B468479	463.5	465.0	0.265	0.012	7	7	0.04	
			B468480	465.0	466.5	0.267	0.014	10	14	0.04	

Project: Mahaffy **Hole Number:** MAH21-02A

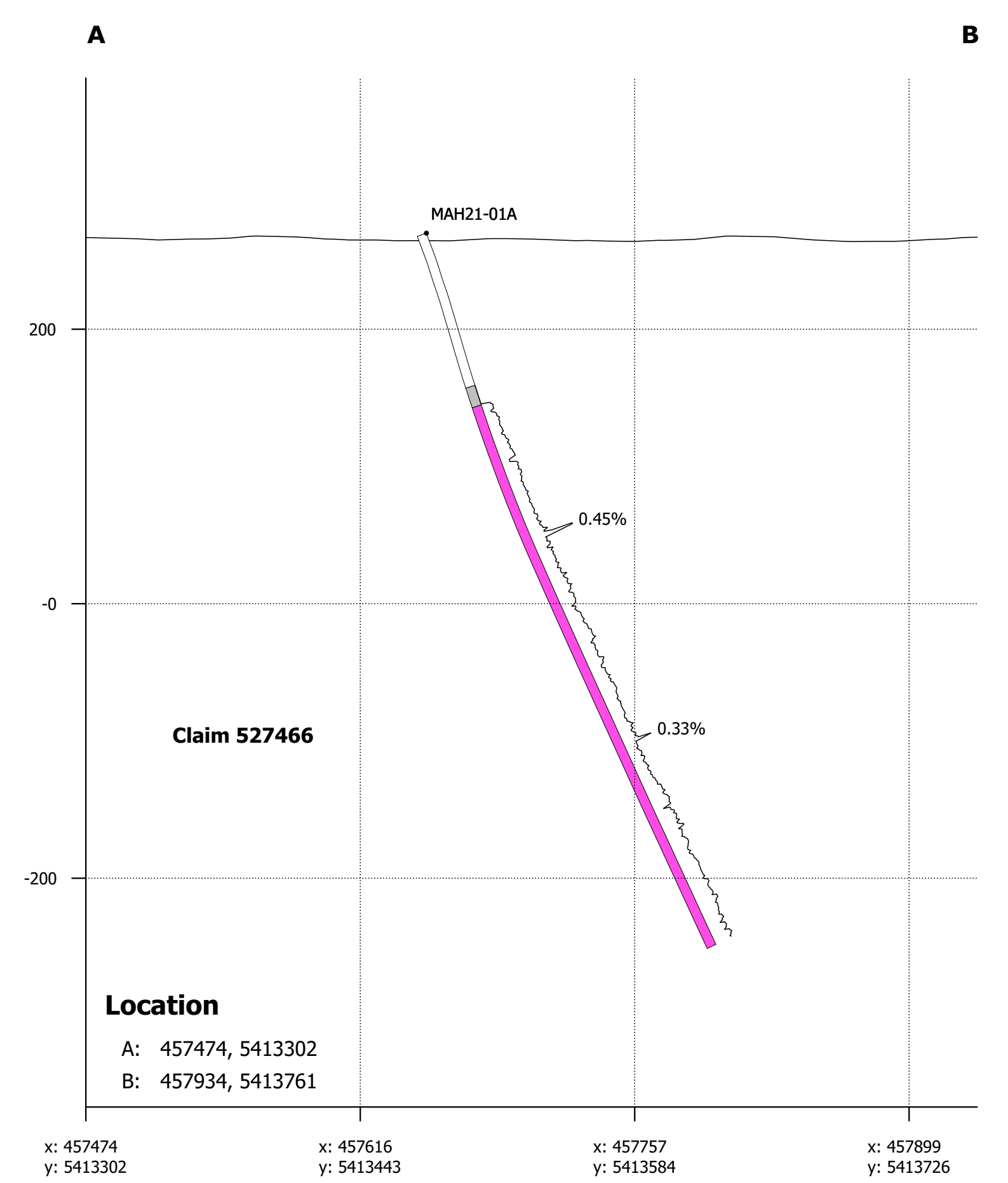
From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B468481	466.5	468.0	0.249	0.013	2.5	6	0.03	
			B468482	468.0	469.5	0.249	0.013	6	11	0.04	
			B468484	469.5	471.0	0.241	0.012	2.5	7	0.1	
			B468485	471.0	472.5	0.229	0.013	2.5	5	0.06	
			B468486	472.5	474.0	0.222	0.012	2.5	2.5	0.05	
			B468487	474.0	475.5	0.224	0.011	2.5	2.5	0.05	
			B468489	475.5	477.0	0.227	0.012	2.5	2.5	0.02	
			B468490	477.0	478.5	0.229	0.012	6	9	0.03	
			B468491	478.5	480.0	0.226	0.01	2.5	2.5	0.05	
			B468492	480.0	481.5	0.221	0.012	2.5	2.5	0.02	
			B468494	481.5	483.0	0.23	0.013	2.5	12	0.02	
			B468495	483.0	484.5	0.228	0.012	2.5	10	0.03	
			B468496	484.5	486.0	0.227	0.013	2.5	8	0.02	
			B468497	486.0	487.5	0.225	0.013	2.5	12	0.02	
			B468498	487.5	489.0	0.227	0.013	6	16	0.02	
			B468500	489.0	490.5	0.22	0.013	9	10	0.02	
			B468501	490.5	492.0	0.196	0.012	7	18	0.03	
			B468503	492.0	493.5	0.23	0.013	6	2.5	0.03	
			B468505	493.5	495.0	0.218	0.014	2.5	5	0.02	B468506 out of sequence- at 373.5-375.0m.

APPENDIX IV

Drillhole Map


N
AUBIN
527415
527391
527428
527417
527434
527393
527398
527427
527416
527404
527392
527435
527409
527421
527411
527399
527418
527460
MAH21-02A
MAHAFFY
527452
527465
527466
527478
527453
527459
MAH21-01A
527471
527472
527458
527436
527438
527439
527577
527536
527558
527537
527560
527561
0
0.25
0.5
Kilometers
527534
527535
527549
527578
527559
527556
5415000
5414800
5414600
5414400
5414200
5414000
5413800
5413600
5413400
5413200
5413000
5412800
5412600
5412400
456800
457000
457200
457400
457600
457800
458000
458200
458400
458600

APPENDIX V.
Cross Sections



Scale: 1:3,500

Vertical exaggeration: 1x

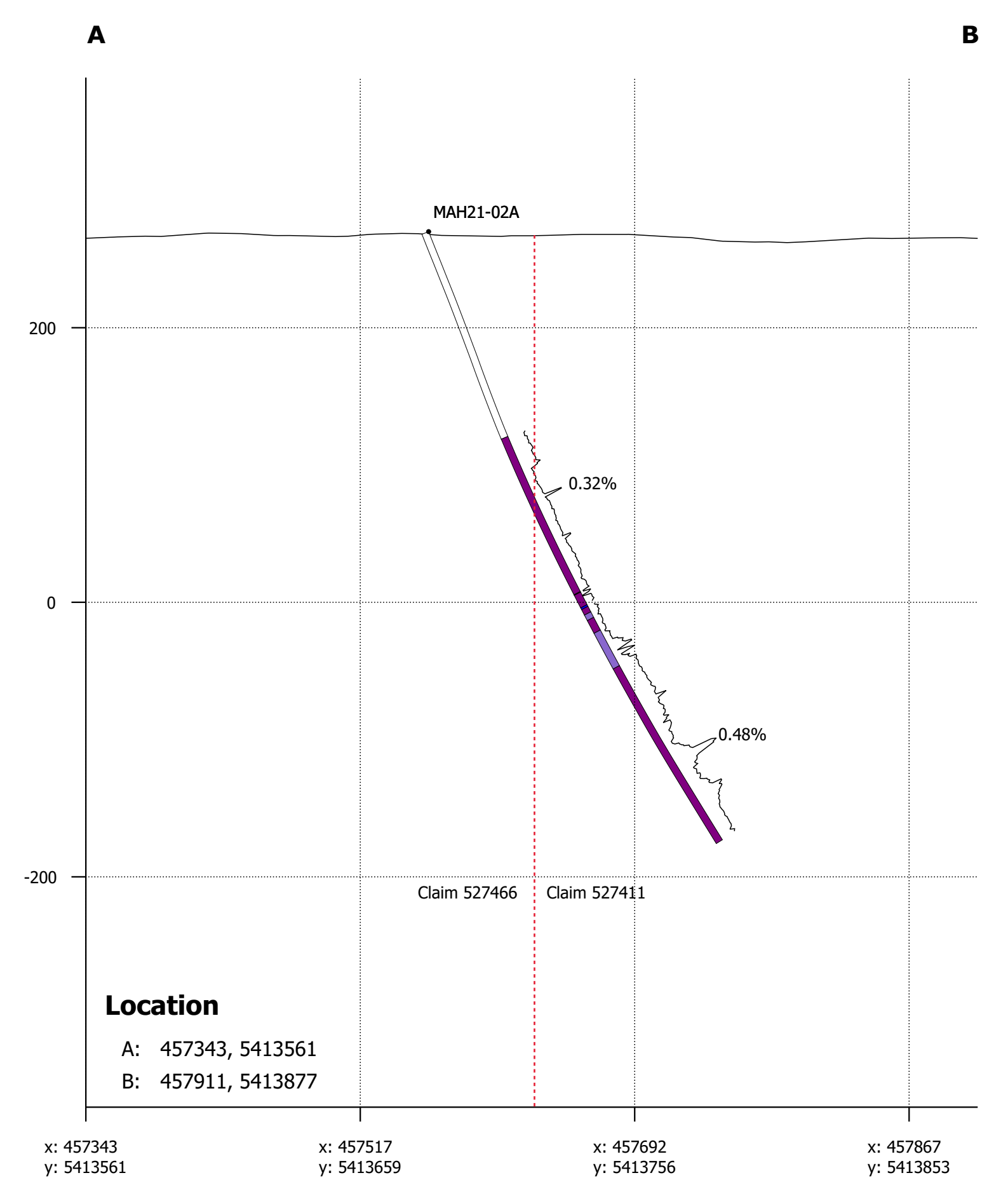
0m 200m

CbDun Lamp Per

Dun MSed

LC OVB

Ni %



Scale: 1:3,500

Vertical exaggeration: 1x

0m 200m

CbDun Lamp Per

Dun MSed

LC OVB

Ni %