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Crawford Nickel Project – East Anomaly 2020 Drill Program

Canada Nickel Company

December 15, 2020

William MacRae, MSc., P.Geo
Curtis Ferron, MSc., GIT

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EXECUTIVE SUMMARY

This report summarizes the 2020 drill campaign conducted on the East Zone anomaly of the Crawford Nickel Property. The property is located in Crawford and Lucas Townships approximately 42km north of the City of Timmins, Ontario.

Eleven diamond drill holes totaling 5,313m were completed by NPLH Drilling for Canada Nickel Company between February and May 2020. Canada Nickel Company wholly owns the mining rights to the six crown patents in which the work for this report was conducted.

The drill program was planned in order to target an elongate magnetic/gravity anomaly predefined by airborne geophysical surveys in 2017 and 2018.

Drilling intersected pervasively, variably serpentinized dunite, peridotite, and pyroxenite. Generally pervasive, disseminated nickel sulfides pentlandite and heazlewoodite as well as lesser nickel-iron alloy awaruite were identified in dunite/peridotite intersections.

Based on the success of the drilling campaign, further drilling is recommended to further assess the extent and variability of mineralization on this portion of the Crawford Property.

Introduction

From winter to spring 2020, Canada Nickel Company completed an eleven-hole diamond drill program on six crown patents located in Crawford Township, approximately 42km north of the City of Timmins,

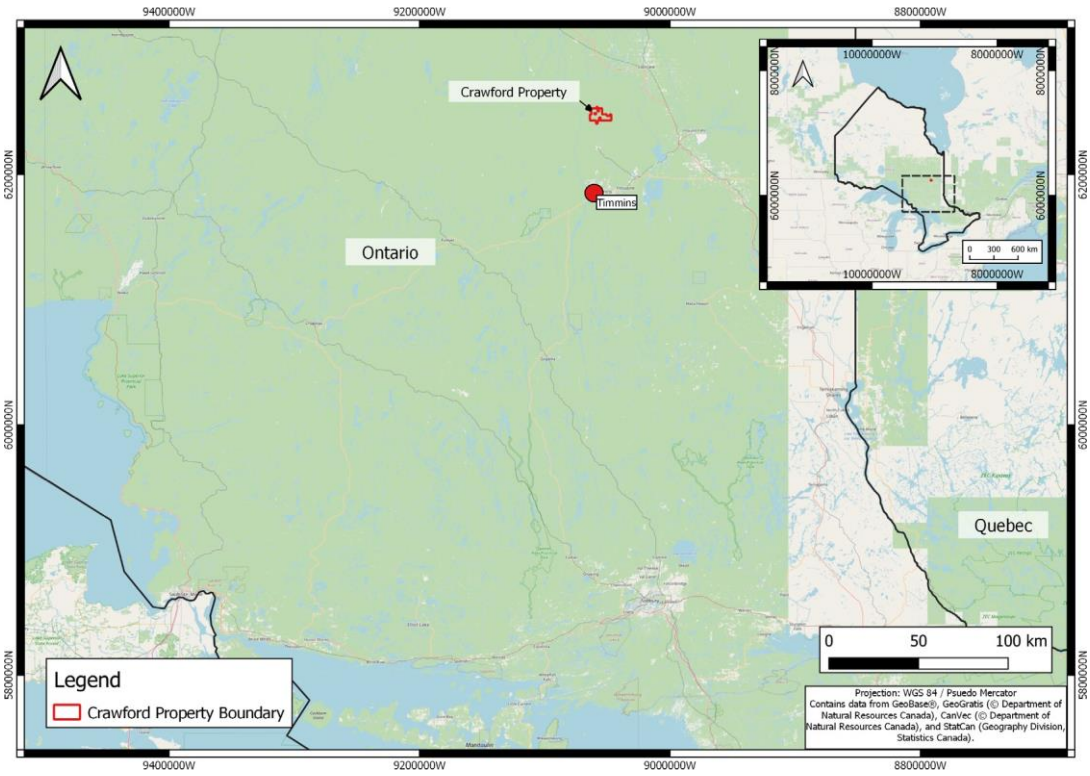

Figure 1: Canada Nickel Crawford Property (red outline) in relation to the Province of Ontario and City of Timmins, Ontario (red circle).

Ontario. A total of 5,313m of NQ size core was drilled from February 10, 2020 to May 14, 2020 of in a program to test the faulted extent of mineralization in the eastern portion of the Crawford Ultramafic Complex (CUC). The CUC is an elongate, high-magnetic anomaly trending W-E to W-NW across the Crawford Property with multiple coincident gravity lows owing to the variably serpentinized nature of the ultramafic dunite, peridotite and pyroxenite that makes up the CUC unit. These geophysical signatures were used to determine the degree of mineralization in the eastern strike-slip faulted portion of this ultramafic intrusion which is entirely covered by overburden.

This report outlines and describes the methods, results, and conclusions of the East Anomaly 2020 Drill program completed by Canada Nickel.

Property Location and Access

The Crawford Nickel Project is located approximately 42 km north of the City of Timmins, Ontario (Figure 1) in the Townships of Crawford and Lucas. The property can be accessed using the all-season provincial highway 655 which runs through the centre of the Crawford property (N-S). A temporary gravel entrance has been constructed off the east side of the highway to allow access and act as a staging area for contractor personnel (Figure 2). Furthermore, an all-season Ontario Power Generation, dam access road, is used to enter the property on the west side of highway 655. Multiple former logging cuts and new trails are used to traverse the property using all- terrain vehicles and snowmobiles in the winter.

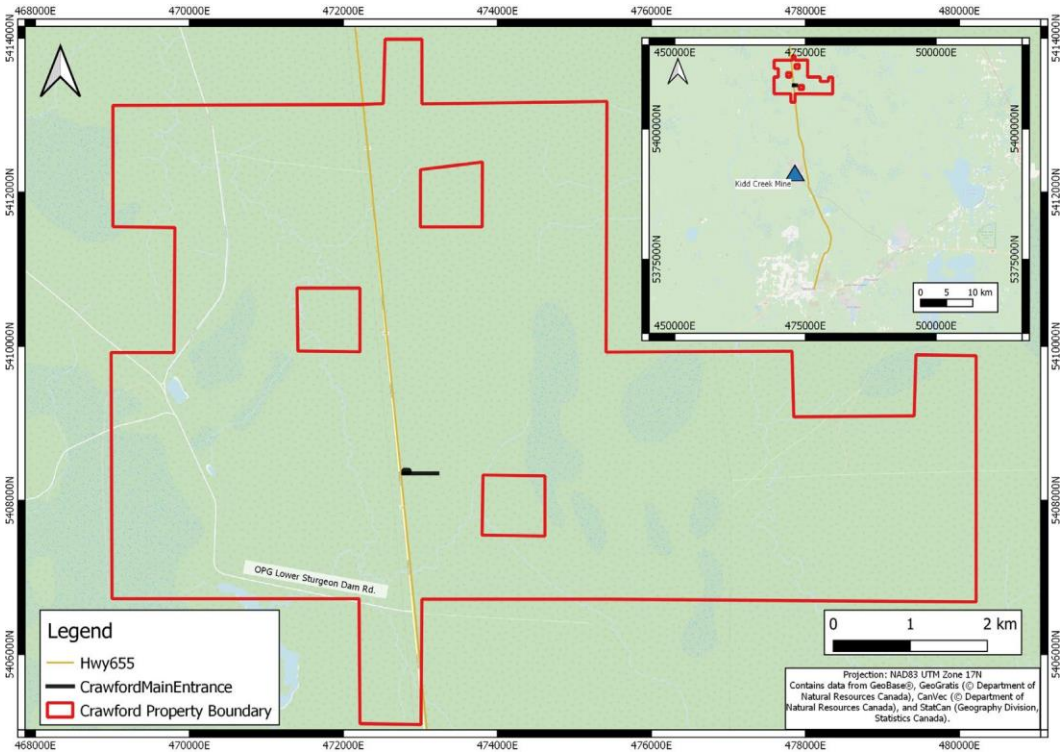

Figure 2: Crawford Property road access map. Gravel ingress off Highway 655 (black line). Kidd Creek mine is displayed in overview map with blue triangle.

Property Description and Physiography

The Crawford property consists of 74 Crown Patents in Crawford and Lucas Townships that cover approximately 4,843 ha including 64 single cell mining claims in Crawford Township covering approximately 540 ha. Crown patents on this property are mining rights only land tenure and do not

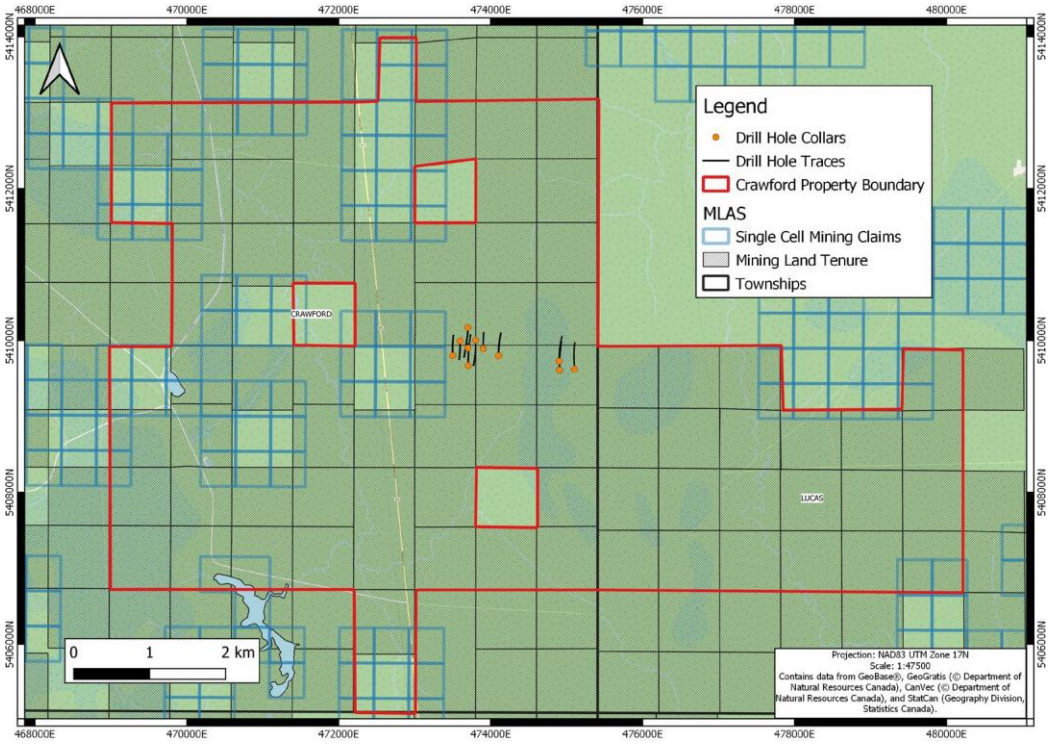

Figure 3: Crawford Property claims map showing locations of drill collars (orange circles) and their drill traces projected to surface. All patents and single cell claims contained within the red boundary are held by Canada Nickel Company.

include rights to surface. All crown patents on this property are now 100% owned by Canada Nickel (subject to 2% NSR) after being purchased from Noble Mineral Exploration (Jobin-Bevans, et al., 2020). The East Zone drilling program for which this report is covering, was completed on 6 patented parcels (see Figure 3) in Crawford township listed in Table 1.

The physiography of the Crawford property is generally flat lying with gentle undulations. The property is located north of the transition between the Canadian Shield province and the Hudson's Bay Lowlands leading to approximately 25-70m of glacial overburden covering the area. The North Driftwood river flows along the south border of the property snaking underneath highway 655 before meandering north through the western third of the property. Multiple minor streams flow into the North Driftwood river making it the drainage point for most of the Crawford side of the property.

Table 1: Crown patents with which diamond drill work has been completed for the East Zone drill program, 2020.

Township	Type	LOT	CON	Description	Parcel	PIN	Area (ha)	Tax	MR	SR	Tenure number	Holder
CRAWFORD	Crown Patent	1	3	N 1/2 LOT 1 CON 3	4511NEC	65321-0124(LT)	64.75	$259.00	x		PAT-49981	Canada Nickel Company (100)
CRAWFORD	Crown Patent	2	3	N 1/2 LOT 2 CON 3	4653NEC	65321-0112(LT)	64.75	$259.00	x		PAT-49969	Canada Nickel Company (100)
CRAWFORD	Crown Patent	3	3	N 1/2 LOT 3 CON 3	4537NEC	65321-0100(LT)	64.75	$259.00	x		PAT-49959	Canada Nickel Company (100)
CRAWFORD	Crown Patent	1	4	S 1/2 LOT 1 CON 4	4095NEC	65321-0125(LT)	64.75	$259.00	x		PAT-49982	Canada Nickel Company (100)
CRAWFORD	Crown Patent	2	4	S 1/2 LOT 2 CON 4	4557NEC	65321-0113(LT)	64.75	$259.00	x		PAT-49970	Canada Nickel Company (100)
CRAWFORD	Crown Patent	3	4	S 1/2 LOT 3 CON 4	663NEC	65321-0101(LT)	64.75	$259.00	x		PAT-49960	Canada Nickel Company (100)

Previous Work

Between the 1960's and 1980's, Crawford township saw a plethora of exploration activity due to it's proximity to the newly discovered Kidd Creek mine and the strong magnetic anomalies identified by geophysical magnetic surveys completed in the 1960's. The area saw little to no exploration activity through the 1990's to early 2000's until Noble Mineral Exploration acquired the property. For a full description of historic activity and land ownership refer to the NI43-101 independent technical report completed by Caracle Creek in April 2020 (Jobin-Bevans, et al., 2020).

Recent Work

In June 2017, Noble commissioned a high-resolution airborne helicopter MAG-EM survey completed by Balch Exploration Consulting which covered the entire Crawford township (Balch, 2017). In August 2018, Noble announced that it had contracted CGG Multi-Physics to conduct a FALCON Airborne Gravity Gradiometer and magnetics study over Crawford and surrounding townships (CGG, 2018). This geophysical data, along with historic drill holes, was the foundation for drill hole targeting in this program.

Geological Setting

Regional Geology

The property is underlain by the Deloro Assemblage rocks (2730 – 2724 Ma) of the Abitibi Greenstone Belt of the Archean Superior Province (Jobin-Bevans et al., 2020). This lithotectonic unit is dominated by intermediate to mafic metavolcanic rock consisting of tuffs, breccias, and chert/iron formation horizons. Further, volcaniclastic to metasedimentary argillites and greywackes can also be found in this assemblage. Pervasive greenschist facies alteration causing sericitic, carbonate, and/or chloritic metamorphism occurs

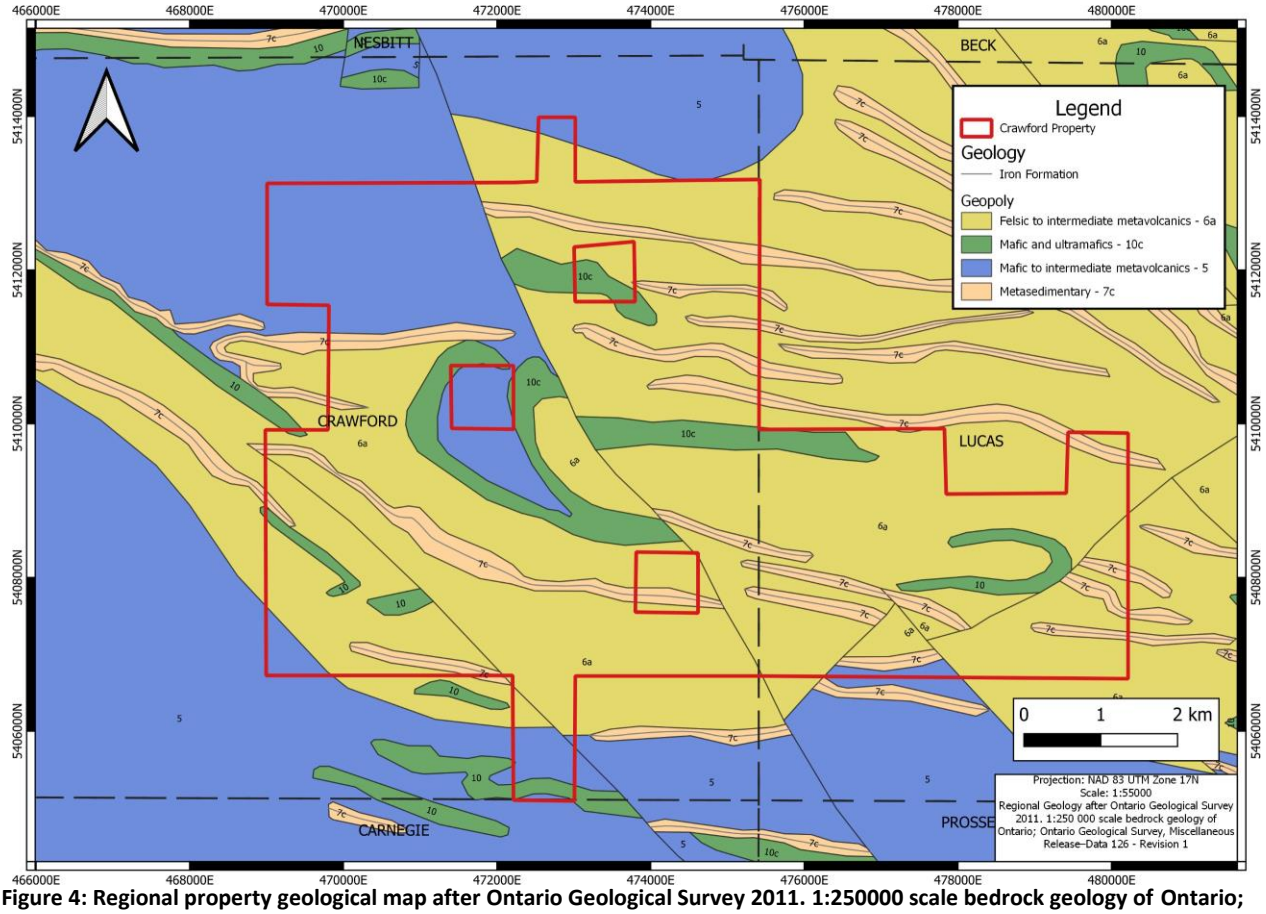

Figure 4: Regional property geological map after Ontario Geological Survey 2011. 1:250000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 – Revision 1

in these host rocks. Proterozoic Matachewan (NW) and Abitibi (NE) dyke swarms intrude all the rocks in the region with a general N-S trend.

Property Geology

No outcrop occurs on the property, geological interpretations of the underlying bedrock is based solely on geophysical surveying and historical drill holes, therefore knowledge of the system is growing with each drill program.

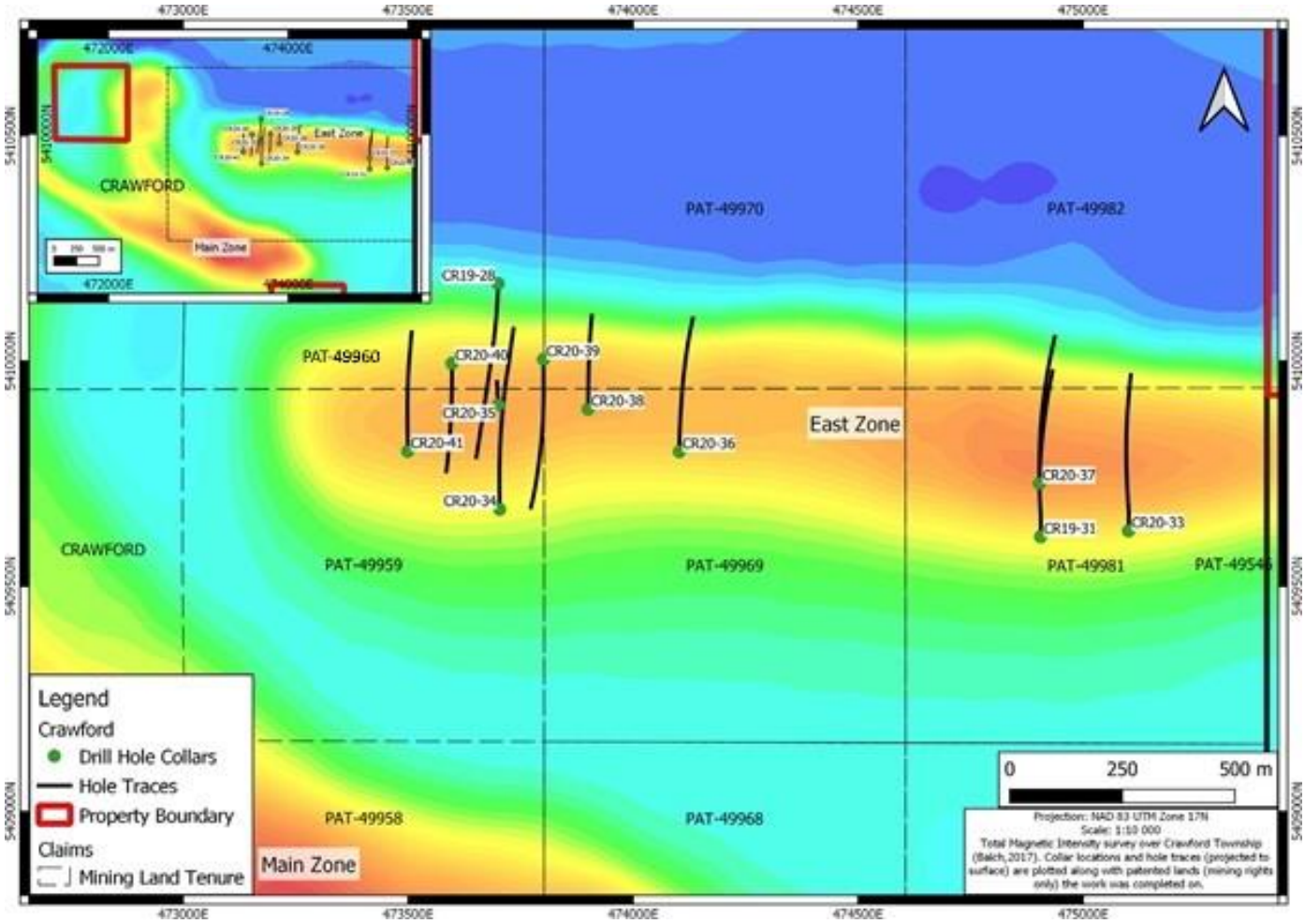

Figure 5: Total Magnetic Intensity (TMI) survey over Crawford Township (Balch, 2017). East and Main zone anomalies are shown with collar locations, drill traces, and the patented lands for the 2020 East Zone drill campaign.

The ultramafic complex found on the Crawford property has been structurally juxtaposed into a series of ultramafic to mafic sub-units crosscut by a regional NW-SE trending sinistral strike-slip fault (Figure 4). The east zone has been offset from the main anomaly by approximately 1.8km along this fault line. Pervasively, variably serpentinized dunite, peridotite, and pyroxenite with fringing leuco-gabbro make up this ~8km long by ~300-400m wide (structurally restored) intrusive sill.

Drill Program

Summary

Drilling for the program was carried out by NPLH Drilling of Timmins, Ontario. William Macrae, MSc., P. Geo, managed all aspects of the campaign. Core logging and sampling was completed by Karin Ostler P. Geo, Jennifer Gignac P. Geo, Bobby Paloma P. Geo, and Curtis Ferron GIT. Core was halved by Vancon core saws with QC samples (blanks, standards, and lab duplicates) inserted at a rate of 3 per batch of 35 samples. Half core samples were then securely bagged and transported to Activation Laboratories in Timmins, Ontario for fire-assay and sodium peroxide fusion ICP-OES analysis.

Drill Hole Summary

A total of 11 diamond drill holes measuring a combined 5,313m, were completed from February 10, 2020 to May 14, 2020 to test the magnetic anomaly on the east zone extension. A total of 3,473 half-core samples were taken from these 11 NQ core size holes. All holes in this campaign have the casings left in, all have been capped and labeled and none encountered artesian conditions. Collar summaries are shown below in Table 2 followed by geological descriptions of each hole in the following section.

Table 2: Collar summaries for the 11 drill holes completed in the 2020 east zone campaign. Coordinate system used is NAD 83 UTM Zone 17N.

Hole number	Northing	Easting	Elevation	Depth (m)	Azimuth	Dip	Hole size	Tenure number	Drilling started	Drilling completed
CR20-41	5409800	473499	277.37	417	360	-50	NQ	PAT-49959	05/01/2020	05/05/2020
CR20-40	5409995	473597	277.97	378	180	-50	NQ	PAT-49960	04/27/2020	04/30/2020
CR20-39	5410004	473801	278.35	522	180	-50	NQ	PAT-49960	04/17/2020	04/26/2020
CR20-38	5409893	473900	278.03	327	360	-50	NQ	PAT-49969	04/11/2020	04/16/2020
CR20-37	5409728	474903	276.16	492	360	-50	NQ	PAT-49981	04/05/2020	04/11/2020
CR20-36	5409799	474103	277.09	483	360	-50	NQ	PAT-49969	03/30/2020	04/05/2020
CR20-35	5409903	473701	277.86	390	360	-82	NQ	PAT-49959	03/22/2020	03/30/2020
CR20-34	5409671	473703	277.62	630	360	-50	NQ	PAT-49959	03/13/2020	03/22/2020
CR20-33	5409623	475101	275.58	549	359.9	-50	NQ	PAT-49981	02/29/2020	03/11/2020
CR19-31	5409610	474905	276.14	552	359.9	-50	NQ	PAT-49981	02/21/2020	02/27/2020
CR19-28	5410172	473700	277.82	573	180	-50	NQ	PAT-49960	02/12/2020	02/19/2020

CR19-28

Overburden to 30m followed by two sequences of gabbro, pyroxenite and peridotite consisting of: massive crystalline leucogabbro, magnesium mesocumulate pyroxenite, and moderately serpentinized peridotite.

The second sequence is followed by pervasively serpentinized adcumulate dunite from 241.1-573m (EOH). The dunite is mineralized primarily with nickel sulfides (NiS) pentlandite (pn), and heazlewoodite (hz) as disseminated very fine to medium grained blebs ranging from 0.5 to 3% overall. Traces of vf-f disseminated nickel alloy identified as awaruite (aw) were observed as well at trace-0.1% overall. Bleb size and abundance of NiS increases to >1-3% between 400-470m before gradually tapering off to the end of hole at 573m.

CR20-33

Overburden to 76m, followed by non-mineralized metavolcanics to 105m, poikilitic pyroxenite to 191m followed by moderately serpentinized, weakly mineralized peridotite to 213m. Peridotite then grades into strongly serpentinized adcumulate dunite with 0.5-1% pervasively disseminated vf-mg, pn+hz. Unit then grades back into moderately serpentinized weakly mineralized peridotite at 415m. Peridotite then grades into massive to cumulate weakly mineralized pyroxenite at 453m. Hole continues in weakly mineralized leuco-gabbro from 468-503.2m before grading back into a strongly talcose-carbonate altered f-mg pyroxenite. Hole terminated in pyroxenite at 549m.

CR20-34

56m of overburden was drilled before the DDH intersected a large metavolcanic unit from 56.1-192.0m. The Dunite unit from 192-446.0m was moderately to strongly serpentine altered with local strong alteration. Trace to 1-3% vf-f diss pn/hz was observed throughout with up to 3-5% locally observed. Native Cu was also present in trace amounts generally along magnetite fracture filling stringers. From 446.0-502.5m, the DDH intersected weakly mineralized peridotite and pyroxenite units. The first leucogabbro was intersected at 502.5-547.6m. The leucogabbro was intercalated with minor pyroxenite units with up to 3- 5% pn/po observed. Another peridotite and pyroxenite unit was intersected from 547.6-628.5m with the DDH ending in the second leucogabbro at a depth of 636.0m.

CR20-35

This hole collared in adcumulate, variably serpentinized dunite starting at 36m and continuing to 360m. Mineralization generally consisted of vf-f disseminated pn+hz+/-aw and ranging from trace-1%. This Dunite was moderate to strongly serpentinized in patches with mineralization generally tracking serpentinization intensity. The last 30m of the hole (360-390m) intersected moderately serpentinized peridotite w/ patches of coarse grained massive pyroxenite layers intercalated with the peridotite. These units also were pervasively mineralized albeit less than the dunite @ trace-0.5% vf-f disseminated pn+hz.

Lastly, the cg intercalated pyroxenite had silvery, opaque, malleable mineralization in patches/blebs <1cm in diameter. Hole abandoned due to bad ground at 390m.

CR20-36

Collared in variably serpentinized peridotite with trace to 0.5% Ni sulfides. Adcumulate, moderate to strongly serpentinized dunite with trace to 1% vfg to fg disseminated pn+hz, was intersected next from 110.4-289.5m. Then intercalated peridotites and pyroxenites were intersected from 289.5-318.3m and they were mod-weak serp altered and had trace to <1% vfg to fg diss pn+hz. The first gabbro was intersected from 318.3-372.9m. The gabbro was weakly mineralised; however, it was intercalated with up to 15-20% pyroxenites. In the pyroxenites up to 1% vfg to fg Ni sulfides were observed proximal to contacts between gabbro's and pyroxenites. Another set of peridotites and pyroxenites were intersected from 372.9-476.6m with weak to moderately weak serpentine alteration and trace to 1% vfg to fg Ni mineralisation. The second gabbro like the first, was intersected at 476.6m and the hole terminated at 483m.

CR20-37

Collared in moderately serpentinized, weakly mineralized peridotite from 27-81m. This grades into mod to strongly serpentinized variably mineralized adcumulate dunite to 234m where it grades back into weakly mineralized peridotite. Mesocumulate to massive crystalline pyroxenite is intersected at 287m which continues into weakly mineralized leuco gabbro at 293-327m. Hole continues into locally poikilitic weakly mineralized mesocumulate peridotite to 396m where it grades into mesocumulate to massive pyroxenite to 450m. This is followed by intercalated weakly mineralized leuco gabbro and pyroxenite and terminating at 492m in gabbro.

CR20-38

Collared in mod strongly serpentinized dunite with 0.5-1% pervasive disseminated pn starting at 51m and grading into peridotite at 153m. Weakly serpentinized peridotite with 0.5-<1% pn+hz continues to 186m. Coarse grained mesocumulate weakly mineralised pyroxenite is intersected to 194m where it (typically) grades into massive crystalline pyroxenite to 209m. Trace malleable silver mineralization observed in cumulate pyroxenite unit. Pyroxenite grades into typical weakly mineralized leucogabbro to 244m with sharp transition to massive crystalline pyroxenite to 259m. This is followed by weakly mineralized poikilitic peridotite to 306m. Intercalated gabbro-pyroxenite layers continue to the end of the hole which ends in weakly mineralized cumulate pyroxenite at 327m.

CR20-39

Drill hole intersects moderate to strongly serpentinized adcumulate dunite from overburden (36m) to 367m downhole. This unit is pervasively mineralized with 0.5-1% vf-f disseminated pn+hz+/-aw with mineralization generally correlating with increased serpentinization. Unit then grades into weak to moderately serpentinized meso to adcumulate peridotite, indicated by the occurrence of interstitial plagioclase (3-5%). Mineralization is also weaker and patchy with a decrease in NiS and slight increase in nickel alloy (aw) from trace up to 0.5% as patchy vf disseminations. Contact aureole at 457m consisting of >90% calcic plagioclase (anorthosite) is followed by non-mineralized metavolcanics to 522m where the hole is terminated.

CR20-40

Collared in moderately mineralized variably serpentinized dunite from overburden (48m) to 141m where it intersects a strongly carbonatized adcumulate dunite to 159m. Mineralization is variable in both units with patchy disseminated 0.1-1% vf-f nickel sulfides. Carbonatized unit represents a fault zone/fluid conduit which increased serpentinization past the mineralization phase and decreased overall sulfides. Unit then grades back in to variably serpentinized adcumulate to massive dunite with pervasive vf-f disseminated nickel sulfides along with trace localized native copper and copper sulfides (bornite/chalcopyrite). Mineralization gradually decreases to the end of hole at 378m.

CR20-41

Initially, the drill hole has intersected 55m of overburden before hitting the ultramafic bedrock. The upper section of the hole consists of massive, layered, locally fractured to faulted, adcumulate, mineralized dunite with narrow layers of carbonatized dunite horizons. Mineralization is generally very fine to fine grained patchy disseminated nickel sulfides from 0.5-1%. Below 264m, the hole encountered weakly mineralized, alternating layers of peridotite-pyroxenite-leuco-gabbro horizons with trace to locally 1% vf sulfides and native copper, before terminating at 426m in pyroxenite.

Distribution of Work

The distribution of work on each patent has been outlined for each drill hole in Table 3 below.

Table 3: Distribution of work on each patent for each drillhole in this program.

Patent	Drill Hole	% on Patent	Hole Depth	Depth on Patent	% of total work
49960	CR19-28	63.7	573	365	6.9
49959	CR19-28	36.3	573	208	3.9
49981	CR19-31	92.4	552	510	9.6
49982	CR19-31	7.6	552	42	0.8
49981	CR20-33	68.3	549	375	7.1
49982	CR20-33	31.7	549	174	3.3
49959	CR20-34	50.8	630	320	6.0
49960	CR20-34	49.2	630	310	5.8
49959	CR20-35	51.8	390	202	3.8
49960	CR20-35	48.2	390	188	3.5
49969	CR20-36	34.6	483	167	3.1
49970	CR20-36	65.4	483	316	5.9
49981	CR20-37	51.4	492	253	4.8
49982	CR20-37	48.6	492	239	4.5
49969	CR20-38	16.8	327	55	1.0
49970	CR20-38	83.2	327	272	5.1
49960	CR20-39	14.8	522	77	1.4
49959	CR20-39	85.2	522	445	8.4
49960	CR20-40	18.0	378	68	1.3
49959	CR20-40	82.0	378	310	5.8
49959	CR20-41	39.3	417	164	3.1
49960	CR20-41	60.7	417	253	4.8

Discussion and Recommendations

All holes from this drilling campaign were targeted based on airborne magnetic and gravity surveys. The high magnetic with coincident low gravity overlap, appears to correlate strongly with higher nickel sulfide zones in the east anomaly. Particularly, zones with higher (3-5%) NiS require further delineation as there appears to be a higher-grade sulfide zone that has yet to be fully constrained.

Due to the success of targeting high-mag, low-gravity geophysical anomalies on the Crawford property, it is recommended by the authors that further drilling be carried out to further define the extent and variability of mineralization in the East Zone Anomaly.

Certificate of Qualifications

I, Curtis J. Ferron, MSc., GIT, residing at 292 Birch St. South, Timmins, Ontario, do certify that:

1. I am a Lead Geologist at Canada Nickel Company

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

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

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

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

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

Dated this 15th day of December, 2020.

Curtis J. Ferron, MSc., GIT

Certificate of Qualifications

I, William E. Macrae, MSc. P.Geo., residing at 9 Martineau Ave., Timmins, Ontario, do certify that:

With reference to *Crawford Nickel Project – East Anomaly 2020 Drill Program*, dated December 15, 2020,

I, William E. Macrae, of the City of Timmins, Ontario, do hereby certify and state that:

1) I have graduated from Lakehead University with the degree of Bachelor of Science (Honours) in 1975 and have obtained the degree of Master of Science from McMaster University in 1982;

(2) I have practised my profession continuously for the past forty years;

(3) I have no interest, direct or indirect, in the mining claims comprising the properties described in this report nor do I expect to receive any; and

(4) this report is based on personal knowledge and supervision of the project.

Dated this 15th day of December, 2020

Timmins, Ontario.

W. MacRae, M.Sc.

P.Geo. MacRae

Geoservices Inc.

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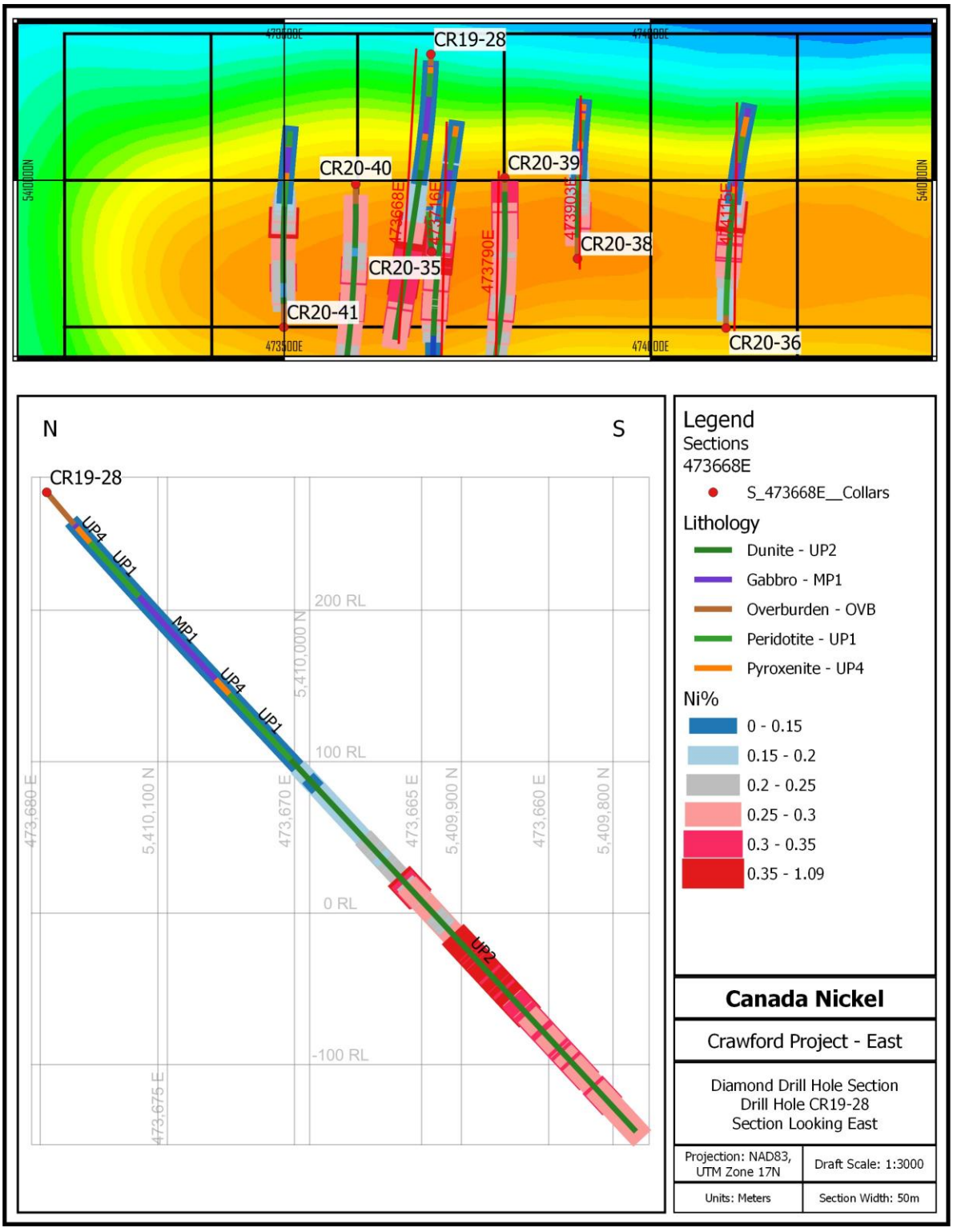
Appendix A – Drill Sections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Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
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Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR19-28
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Projection: NAD83, UTM Zone 17N
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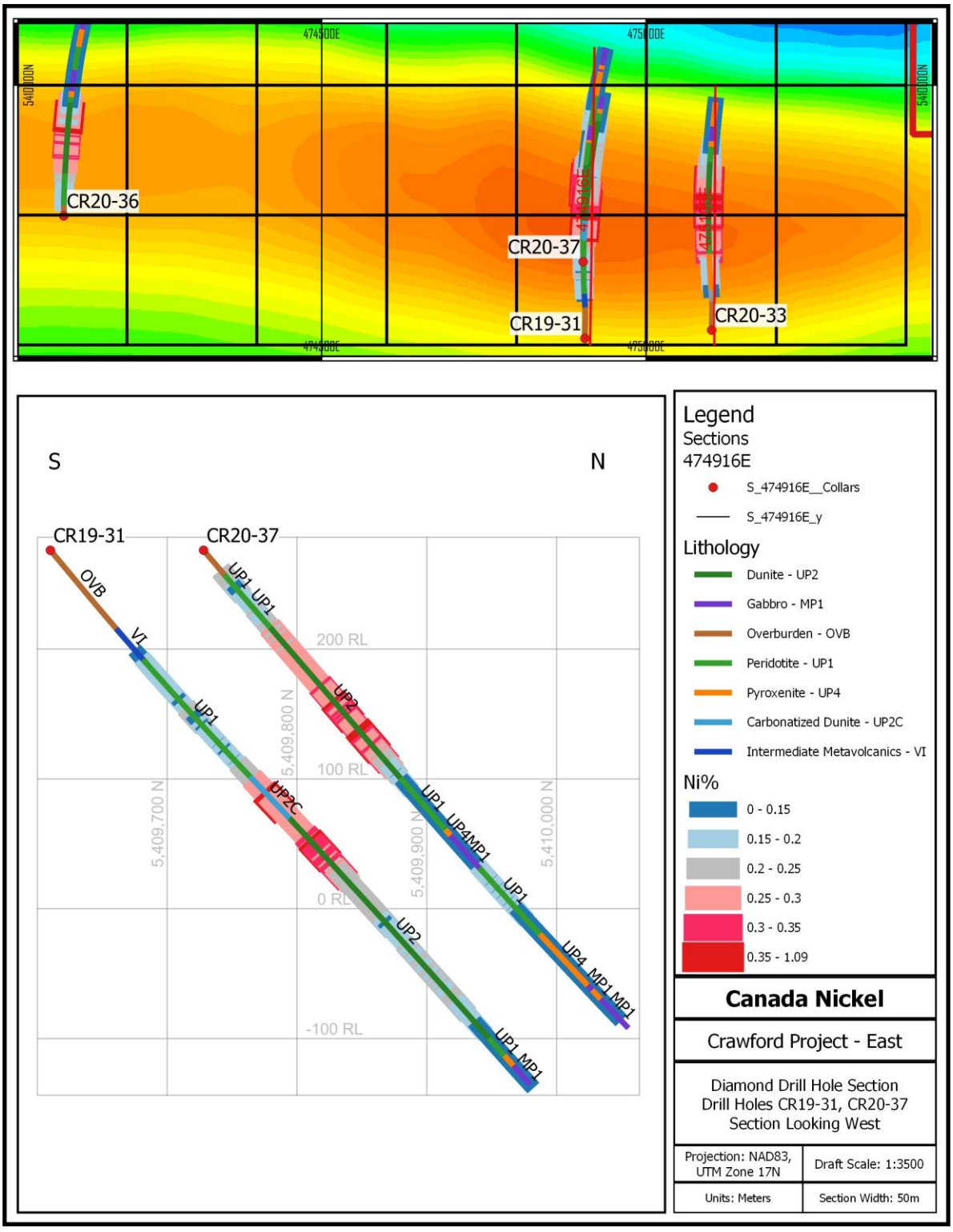
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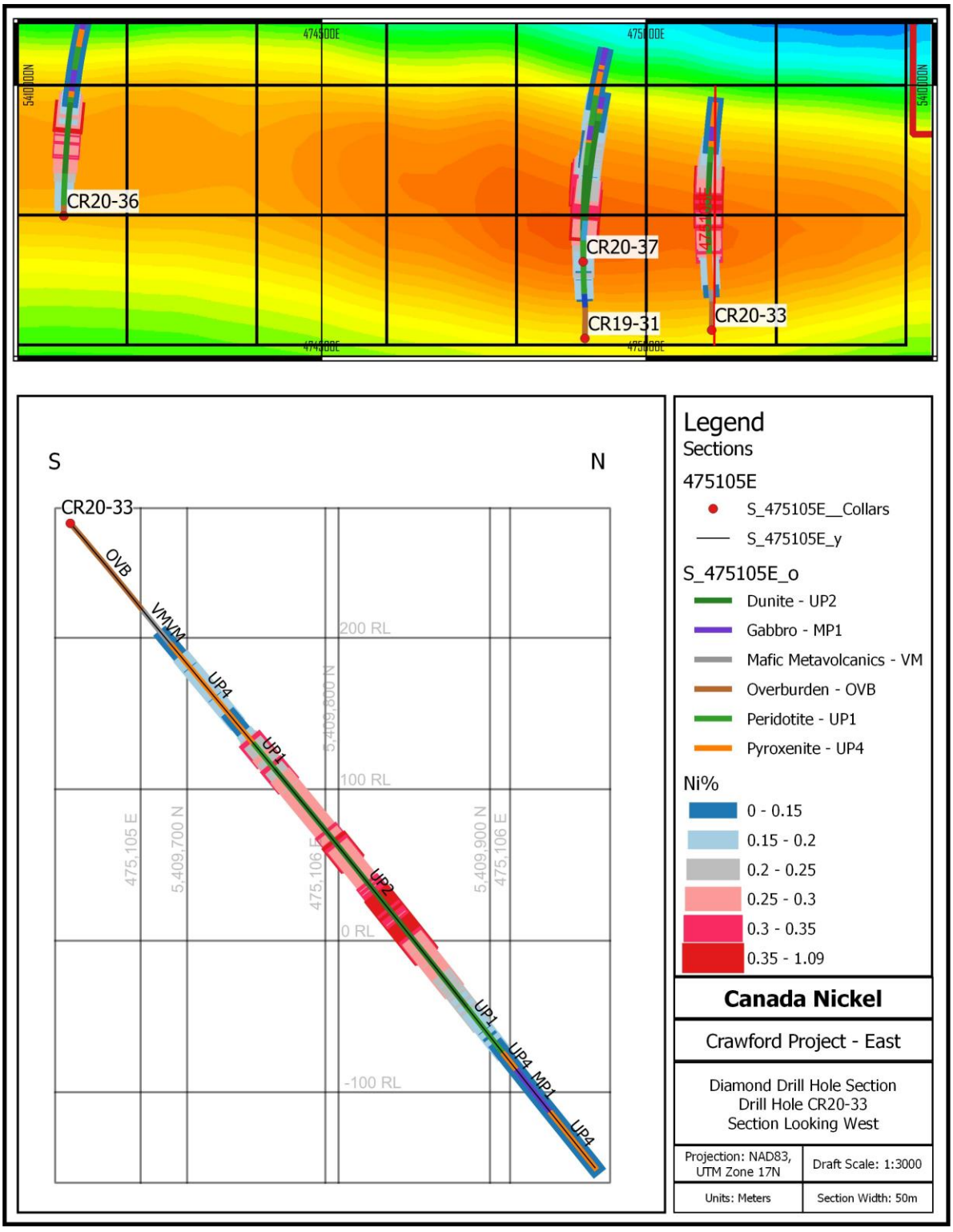
Dunite - UP2
Gabbro - MP1
Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
Carbonatized Dunite - UP2C
Intermediate Metavolcanics - VI
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
0.35 - 1.09
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Holes CR19-31, CR20-37
Section Looking West
Projection: NAD83, UTM Zone 17N
Draft Scale: 1:3500
Units: Meters
Section Width: 50m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CR19-31
CR20-33
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N
CR20-33
OVB
VM/VM
UP4
UP1
UP2
UP1
UP4
MP1
UP4
200 RL
100 RL
0 RL
-100 RL
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5,409,700 N
5,409,900 N
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475,106 E
475,106 E
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Sections
475105E
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S_475105E_y
S_475105E_o
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Gabbro - MP1
Mafic Metavolcanics - VM
Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
0.35 - 1.09
Canada Nickel
Crawford Project - East
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Drill Hole CR20-33
Section Looking West
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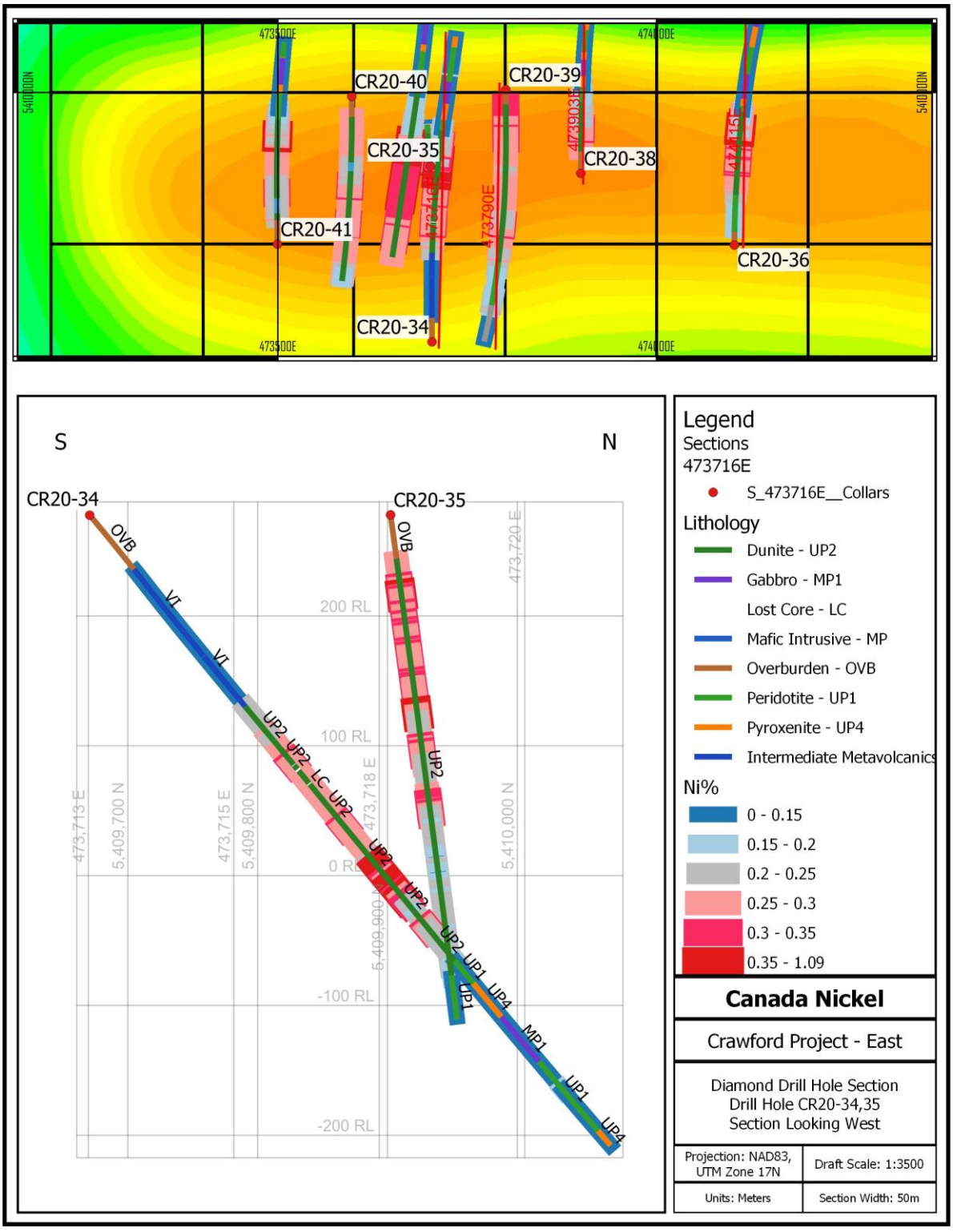
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CR20-35
CR20-38
CR20-41
CR20-36
CR20-34
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S
N
CR20-34
CR20-35
OVB
VI
UP2
LC
UP1
UP4
MP1
200 RL
100 RL
0 RL
-100 RL
-200 RL
Legend
Sections
473716E
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Lithology
Dunite - UP2
Gabbro - MP1
Lost Core - LC
Mafic Intrusive - MP
Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
Intermediate Metavolcanics
Ni%
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0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
0.35 - 1.09
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR20-34,35
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Projection: NAD83, UTM Zone 17N
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Units: Meters
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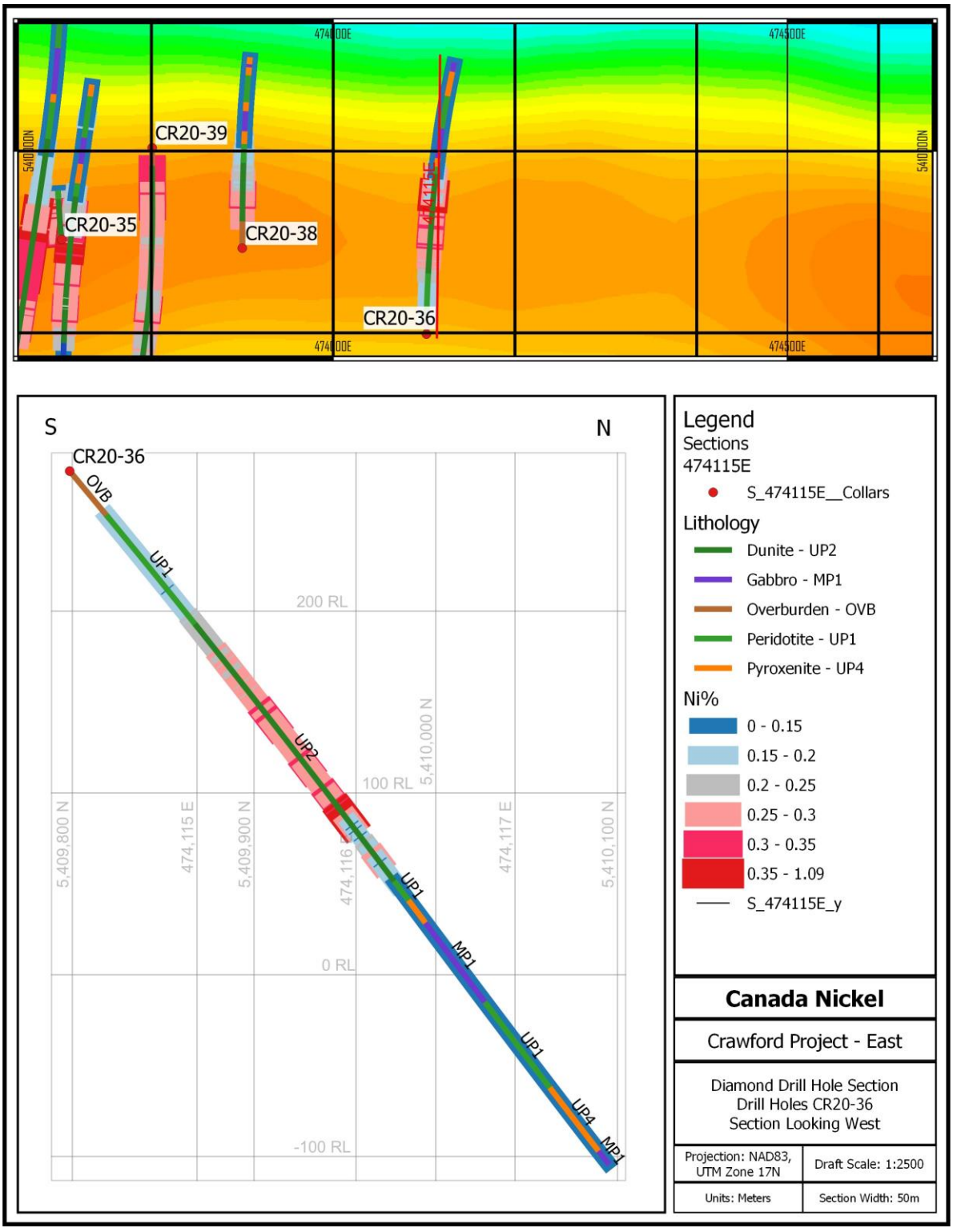
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CR20-38
CR20-36
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474500E
S
N
CR20-36
OVB
UP1
UP2
UP1
MP1
UP1
UP4
MP1
200 RL
100 RL
0 RL
-100 RL
5,409,800 N
474,115 E
5,409,900 N
474,116 E
5,410,000 N
474,117 E
5,410,100 N
Legend
Sections
474115E
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Lithology
Dunite - UP2
Gabbro - MP1
Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
0.35 - 1.09
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Canada Nickel
Crawford Project - East
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Drill Holes CR20-36
Section Looking West
Projection: NAD83, UTM Zone 17N
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Units: Meters
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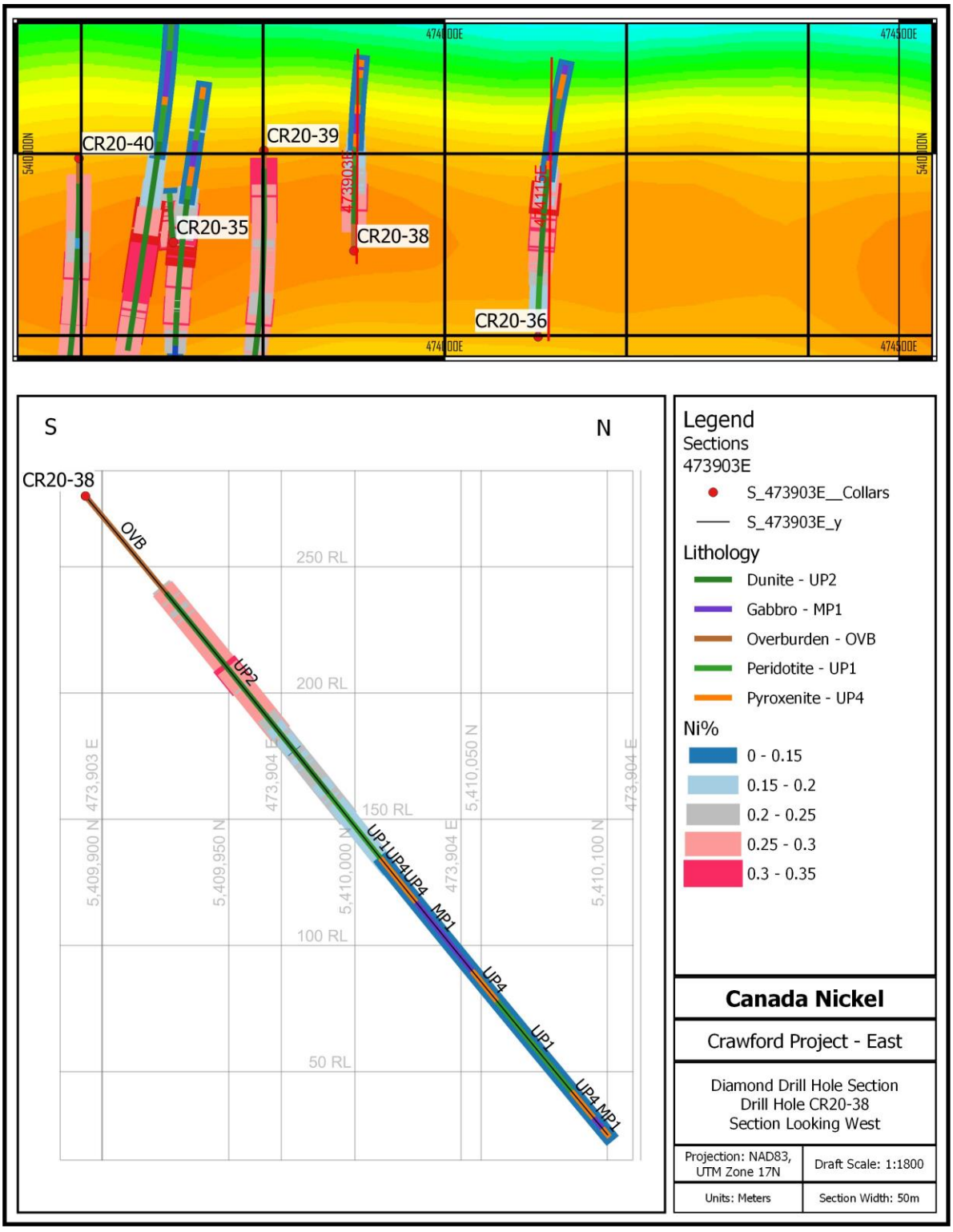
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N
CR20-38
OVB
UP2
UP1
UP4
MP1
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200 RL
150 RL
100 RL
50 RL
Legend
Sections
473903E
S_473903E__Collars
S_473903E_y
Lithology
Dunite - UP2
Gabbro - MP1
Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR20-38
Section Looking West
Projection: NAD83, UTM Zone 17N
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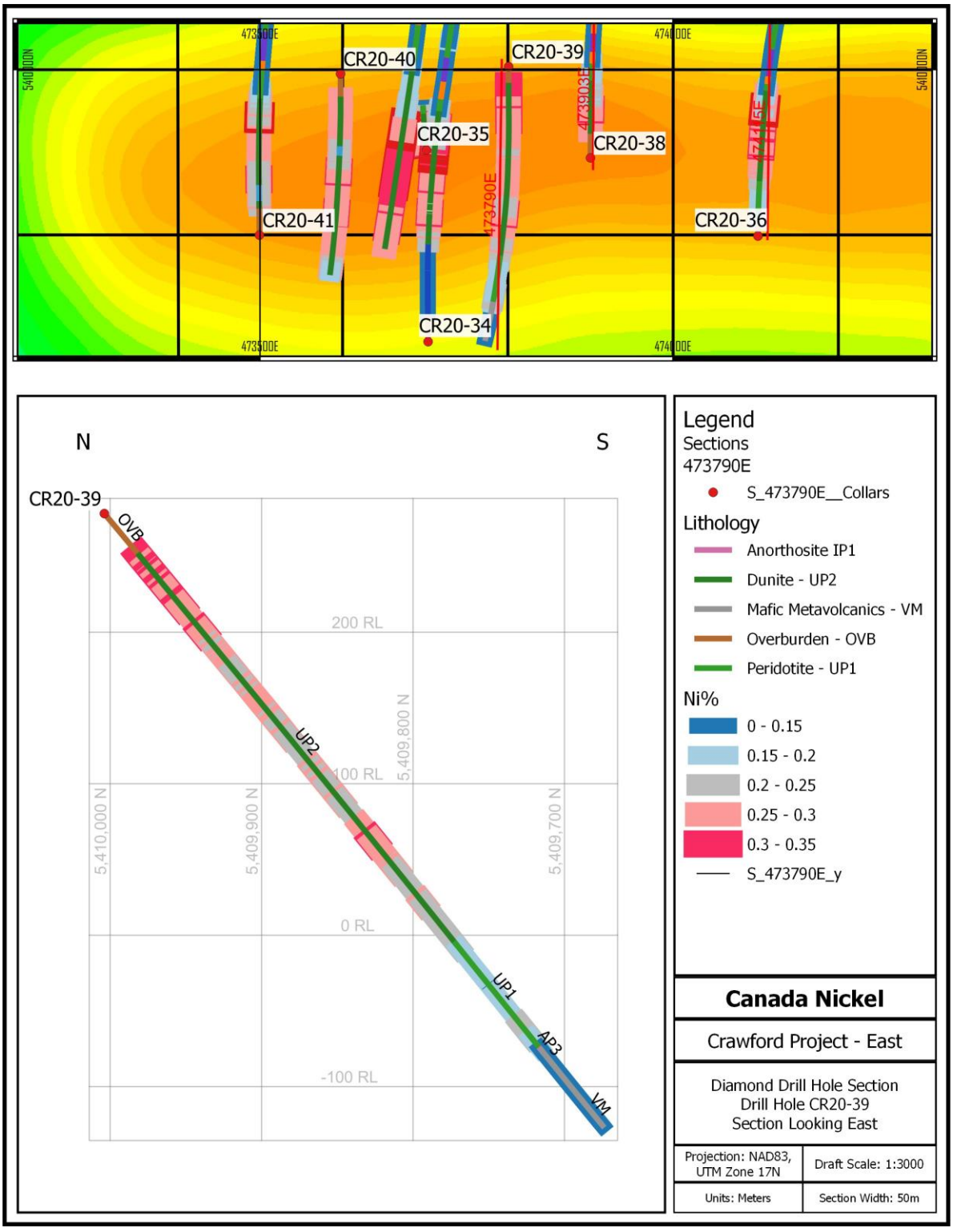
Units: Meters
Section Width: 50m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CR20-38
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CR20-34
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N
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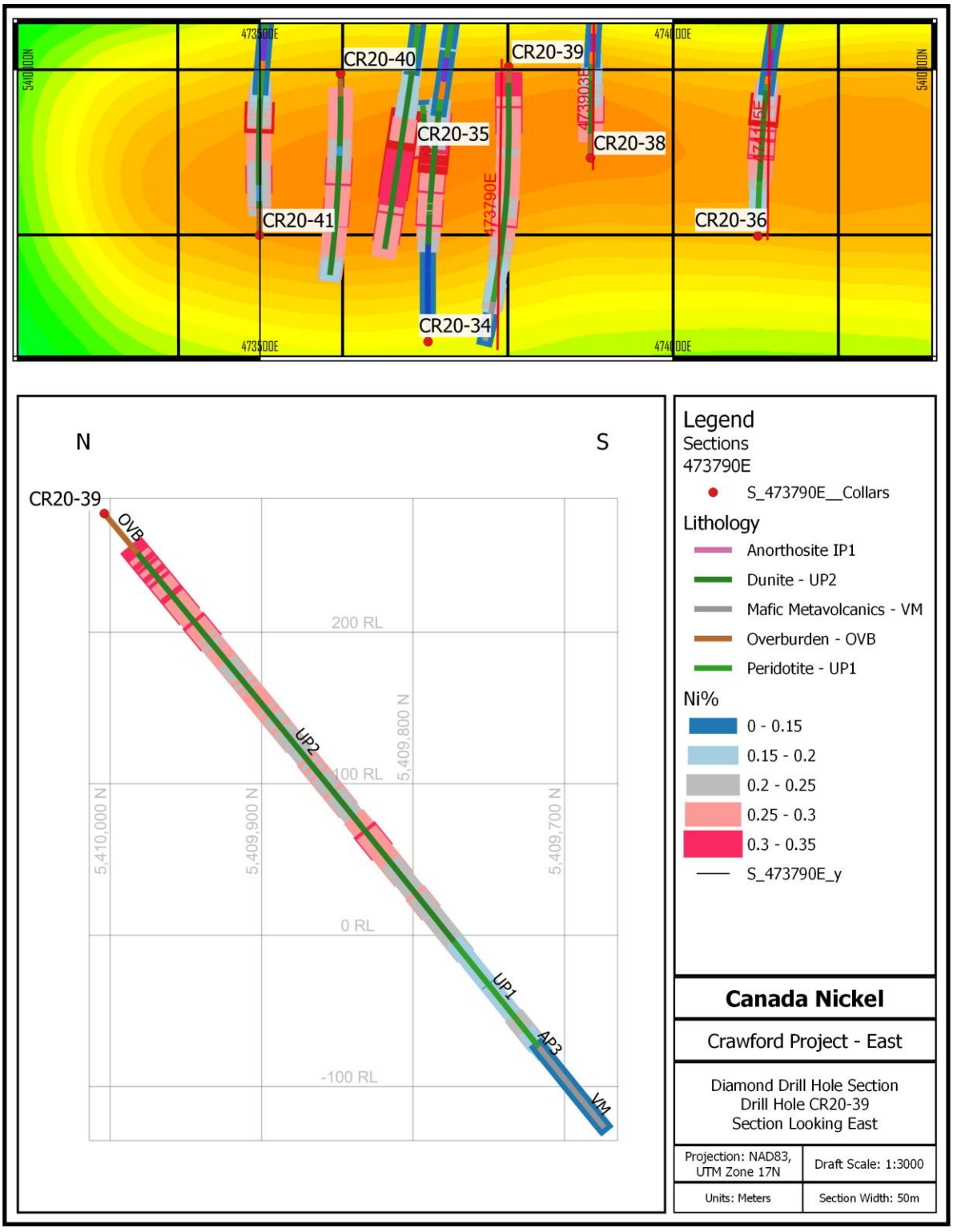
CR20-39
OVB
UP2
UP1
AP3
VM
200 RL
100 RL
0 RL
-100 RL
5,410,000 N
5,409,900 N
5,409,800 N
5,409,700 N
Legend
Sections
473790E
S_473790E__Collars
Lithology
Anorthosite IP1
Dunite - UP2
Mafic Metavolcanics - VM
Overburden - OVB
Peridotite - UP1
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
S_473790E_y
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR20-39
Section Looking East
Projection: NAD83, UTM Zone 17N
Draft Scale: 1:3000
Units: Meters
Section Width: 50m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CR20-39
CR20-35
CR20-38
CR20-41
CR20-36
CR20-34
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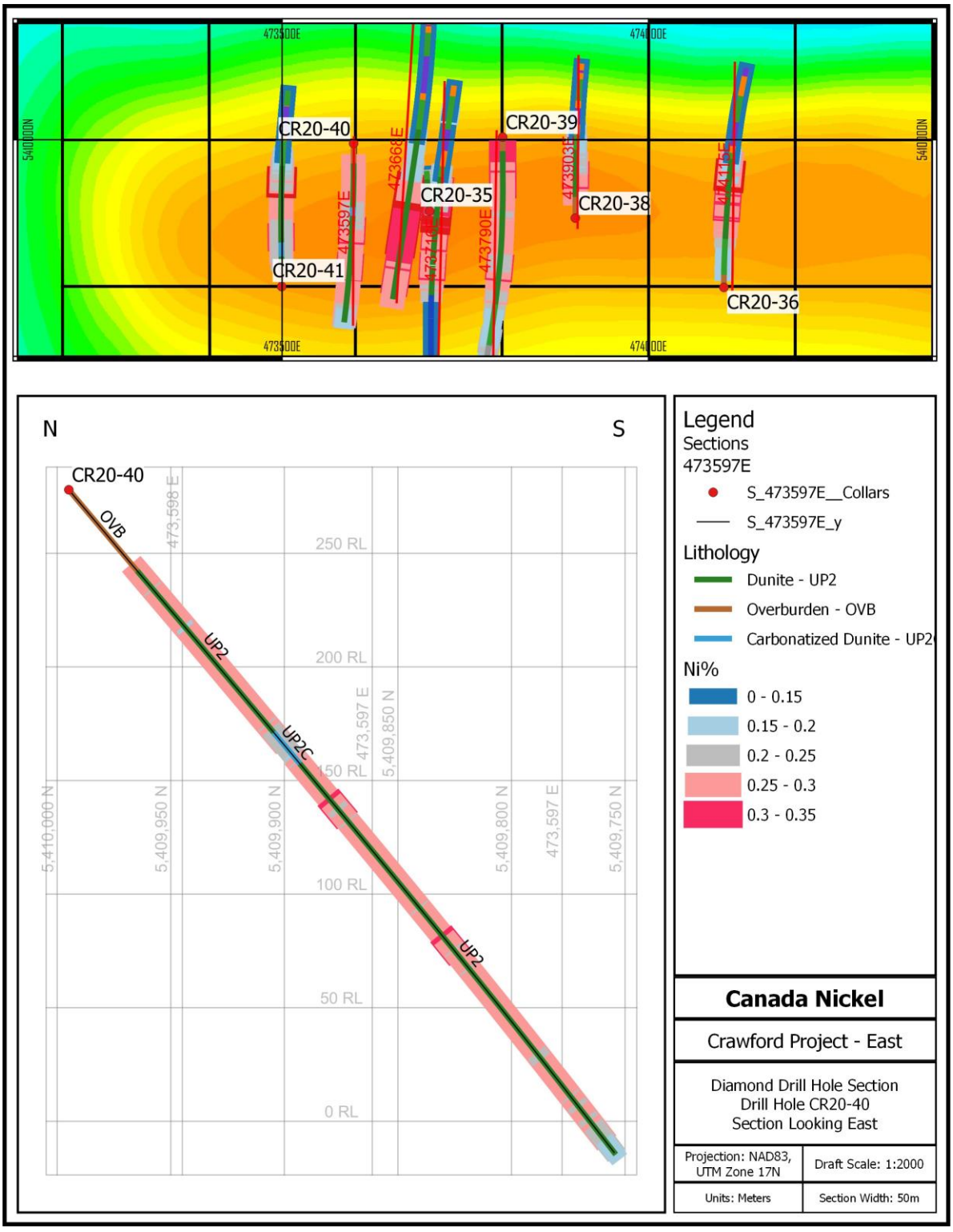
N
S
CR20-39
OVB
UP2
UP1
AP3
VM
200 RL
100 RL
0 RL
-100 RL
5,410,000 N
5,409,900 N
5,409,800 N
5,409,700 N
Legend
Sections
473790E
S_473790E__Collars
Lithology
Anorthosite IP1
Dunite - UP2
Mafic Metavolcanics - VM
Overburden - OVB
Peridotite - UP1
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
S_473790E_y
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR20-39
Section Looking East
Projection: NAD83, UTM Zone 17N
Draft Scale: 1:3000
Units: Meters
Section Width: 50m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CR20-38
CR20-41
CR20-36
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473597E
473790E
N
S
OVB
UP2
UP2C
250 RL
200 RL
150 RL
100 RL
50 RL
0 RL
473,598 E
473,597 E
5,409,850 N
5,410,000 N
5,409,950 N
5,409,900 N
5,409,800 N
5,409,750 N
Legend
Sections
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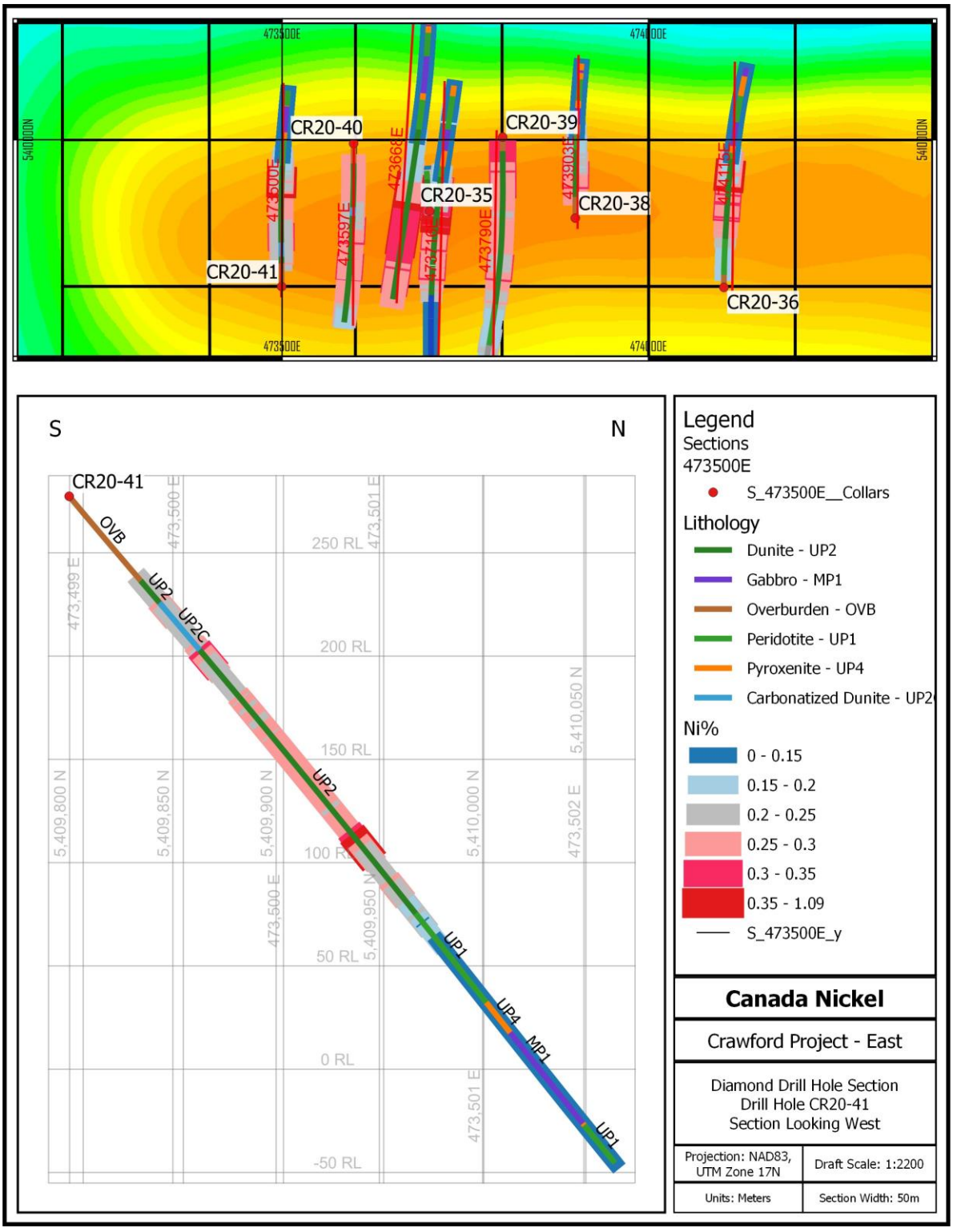
S_473597E__Collars
S_473597E_y
Lithology
Dunite - UP2
Overburden - OVB
Carbonatized Dunite - UP2
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR20-40
Section Looking East
Projection: NAD83, UTM Zone 17N
Draft Scale: 1:2000
Units: Meters
Section Width: 50m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CR20-35
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CR20-41
CR20-36
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473597E
473790E
S
N
CR20-41
OVB
UP2
UP2C
UP2
UP1
UP4
MP1
UP1
250 RL
200 RL
150 RL
100 RL
50 RL
0 RL
-50 RL
473,499 E
473,500 E
473,501 E
473,502 E
5,409,800 N
5,409,850 N
5,409,900 N
5,409,950 N
5,410,000 N
5,410,050 N
Legend
Sections
473500E
S_473500E__Collars
Lithology
Dunite - UP2
Gabbro - MP1
Overburden - OVB
Peridotite - UP1
Pyroxenite - UP4
Carbonatized Dunite - UP2
Ni%
0 - 0.15
0.15 - 0.2
0.2 - 0.25
0.25 - 0.3
0.3 - 0.35
0.35 - 1.09
S_473500E_y
Canada Nickel
Crawford Project - East
Diamond Drill Hole Section
Drill Hole CR20-41
Section Looking West
Projection: NAD83, UTM Zone 17N
Draft Scale: 1:2200
Units: Meters
Section Width: 50m

Appendix B – Drill Logs

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Crawford Nickel			**Hole Number:**	CR19-28
Easting:	473700	**Length:**	573	**Target:**	East	**Drilling Company:**	NPLH Drilling
Northing:	5410172	**Azimuth:**	180	**Core Size:**	NQ	**Drilling Start:**	Feb-12-2020 **Drilling**
Elevation:	277.8191	**Dip:**	-50	**Logged By:**	Curtis Ferron	**Completed:**	Feb-19-2020
				Tenure Number:	PAT-49960		

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**30**	**OVB, Overburden** cobbles and pebbles of mixed lithologies: Gneiss and Gabbro. 15cm of cored gneiss before start of hole (likely a boulder)									
30	**32.6**	**MP1, Gabbro** light greenish-white medium grained non-magnetic very weakly serpentinized gabbro. Core is irregularly mechanically fractured ~5% (moderately competent). Contains 20-30% white to cream plag. Sulphides are absent. Lost core/broken core 31.0-31.5	A0976417	30.0	31.5	0.038	0.007	9	2.5	0.02	
			A0976418	31.5	33.0	0.037	0.007	11	2.5	0.01	
32.6	**45.7**	**UP4, Pyroxenite** grades from above into a light green spotted black, non-magnetic, moderately hard, medium grained pyroxenite. Mechanical competence is moderate w/ fracs @ 20-40 deg tca and subparrallel tca. Serpentinization is weak and patchy mostly fracture controlled fibrous white green serpentinite ~5%. po? found absent to trace. 34.6-34.7 rubble/broken core 36.1-36.2 broken core 38.7-38.8 rubble 39.5-39.6 broken core 41.4-41.5 rubble @ 43.5 grades from above into finer grained dark grey to black pyroxenite. Cpx crystals on surface show irridescense. Serpentinization is moderately low pred fracture controlled. Grains are equigranular @1-2mm diameter pred. cpx+ol. Sulphides are absent to trace pred. along mechanical fracs po+pn? Pervasively non-magnetic 43.7-44.0 rubble/broken core	A0976418	31.5	33.0	0.037	0.007	11	2.5	0.01	
			A0976419	33.0	34.5	0.049	0.009	43	23	0.7	
			A0976420	34.5	36.0	0.054	0.007	136	79	0.02	
			A0976421	36.0	37.5	0.059	0.006	207	118	0.01	
			A0976422	37.5	39.0	0.049	0.006	220	120	0.04	
			A0976423	39.0	40.5	0.031	0.006	279	183	0.005	
			A0976424	40.5	42.0	0.032	0.006	274	177	0.005	
			A0976425	42.0	43.5	0.029	0.006	65	38	0.005	
			A0976426	43.5	45.0	0.038	0.007	2.5	2.5	0.005	
			A0976428	45.0	46.5	0.065	0.01	2.5	2.5	0.04	
45.7	**93.7**	**UP1, Peridotite** grades from above into dark blackish-grey spotted pervasively magnetic orthocumulate peridotite. Patches of slightly felsic-intermediate intercumulus make up ~10-20% of the groundmass appears oikocrystic?. Serpentinization is generally moderately weak and pred. patchy fracture controlled, emerald green sr. Patches can be strong to moderately strong serpentinization. Core competence is moderate	A0976428	45.0	46.5	0.065	0.01	2.5	2.5	0.04	
			A0976429	46.5	48.0	0.094	0.013	2.5	2.5	0.04	
			A0976430	48.0	49.5	0.095	0.013	9	2.5	0.05	
			A0976431	49.5	51.0	0.14	0.015	2.5	2.5	0.05	

w/ minor mechanical fracturing @ 30-40 deg tca Sulphides are absent to trace blebs of pn. Ol cumulates are 1-4mm in diameter ~70-80%. Mt. stringers/veinlets	A0976432	51.0	52.5	0.097	0.014	2.5	2.5	0.02

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		are scarce ~2-3% and generally are irregular to subparrallel tca not assoc. w/ sulph.	A0976433	52.5	54.0	0.104	0.014	6	2.5	0.03	
			A0976434	54.0	55.5	0.103	0.014	2.5	2.5	0.03	
		47.5-47.6 rubble	A0976435	55.5	57.0	0.096	0.012	9	6	0.02	
		50.9-51 rubble/broken core	A0976436	57.0	58.5	0.11	0.013	2.5	2.5	0.03	
		51.8-51.9 broken core "chips" of emerald green sr. @ 20 deg tca causing weakness	A0976437	58.5	60.0	0.11	0.014	2.5	2.5	0.03	
			A0976439	60.0	61.5	0.111	0.015	7	6	0.03	
		56.4-56.6 broken core chips of emerald green striated sr. w/ a 10cm piece of 'pure' sr. which grades back into the peridotite	A0976440	61.5	63.0	0.106	0.014	2.5	14	0.03	
		61.4-61.8 highly altered irregular to chaotic zone of irredescent emerald/white green sr. ~40% mixed w/ chaotic patches of cm scale po+pn ~1-3% overall trace-<1% sulphides	A0976441	63.0	64.5	0.11	0.014	12	8	0.03	
			A0976442	64.5	66.0	0.114	0.015	2.5	8	0.05	
		61.8-61.9 rubble/broken core	A0976443	66.0	67.5	0.113	0.015	2.5	10	0.04	
		62.9-63.0 broken core	A0976444	67.5	69.0	0.122	0.014	7	6	0.03	
		68.9-69.0 broken core	A0976445	69.0	70.5	0.112	0.013	7	6	0.03	
			A0976446	70.5	72.0	0.121	0.013	2.5	7	0.05	
		below 69.0 groundmass becomes more brecciated by irregular mt. stringers/veinlets ~5% patchy fracture controlled sr. persists ~5% disseminated blebs ~0.3-0.6mm of pn+po trace-<1% some mt. stringers contain po (e.g. 75.3) overall trace-<1% persists	A0976447	72.0	73.5	0.127	0.014	2.5	9	0.04	
			A0976448	73.5	75.0	0.125	0.014	7	7	0.04	
		76.9-80.0 rubble /broken core 'chips' of sr.	A0976450	75.0	76.5	0.129	0.014	9	14	0.04	
			A0976451	76.5	78.0	0.123	0.014	2.5	12	0.05	
		79.7-80.9 strong to intense alteration sr.? Chaotic/irregular stringers of mt.+pn+po Not all mt. stringers have sulphides ~10/15%. Disseminated pn+po found throughout as fine blebs ~pen tip thickness overall 1-3% sulphides through this alteration interval	A0976452	78.0	79.5	0.123	0.014	2.5	10	0.05	
			A0976453	79.5	81.0	0.118	0.013	2.5	8	0.04	
		below 80.9 grades into less strongly altered (moderately strong) w/ chaotic mt. stringers no sulphides found within them but disseminated blebs of pn+Aw found throughout @ 0.5-1%	A0976454	81.0	82.5	0.133	0.014	6	11	0.05	
			A0976455	82.5	84.0	0.137	0.015	2.5	10	0.06	
		83.9-84.0 rubble/broken core	A0976456	84.0	85.5	0.128	0.014	6	13	0.05	
			A0976457	85.5	87.0	0.122	0.013	10	13	0.06	
		84.3-85.9 unit grades down into a more intermediate coarse grained greenish-white pyroxenite?/peridotite 85.5-85.9 is where it becomes truly a different sub unit maybe an intrusion? Or magma settling? Sulphides are absent to trace disseminated fine pn+po. LC is sharp and contains a 10cm thick carb. unit at its base continues on with previously decribed peridotite unit	A0976458	87.0	88.5	0.128	0.014	12	17	0.07	
			A0976459	88.5	90.0	0.136	0.015	9	16	0.11	
			A0976461	90.0	91.5	0.102	0.012	14	21	0.07	
		below 85.9 homogenous medium grained irridescent peridotite as described earlier w/ 0.5-1% pn+po disseminated fine blebs	A0976462	91.5	93.0	0.06	0.009	8	18	0.02	
			A0976463	93.0	94.5	0.033	0.005	2.5	2.5	0.005	
		90-90.5 higher cys. Zone of 5-7% wispy stringers 40 deg tca sulphides remain @ 0.5-1%									
		92.1-92.2 rubble/broken core									
		93.0-93.2 rubble/broken core									

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
93.7 grades into gabbro see next unit											
93.7	**168.3**	**MP1, Gabbro** grades from above into a locally mottled, homogenous medium grained light green-grey leucogabbro. Moderately strong hardness and non-magnetic. Core is mechanically competent w/ little mechanical fracturing <3% and little to no rubbling. Sulphides are scarce, sometimes found along frac planes but overall absent to trace py? Disseminations ultra fine. Serpentinization is absent to very weak, frac. Controlled beige-green serp. 93.7-106.4 phenocrysts of 3-6mm hornblende are found throughout the first ~13m ~5-10% they then grade out with depth 97.4-98.2 slightly more mafic zone higher percentage of mafic minerals less plag more hbl+px not assoc. w/ an increrase in sulphides still absent to trace 106.9-107.0 rubble @ 109.6 stringer of plag?/qz? @ 30 deg tca w/ right hand offset of 2mm 116.8-118.1 another altered? More mafic zone see above description for 97.4. no change in sulphides still absent to trace py? Below 128.3 slight increase in qz/cb. stringers ~5% irregular to 30 deg tca some contain patches of brassy mineral po? py? Trace-<1% (E.g. @ 128.8,131.5,140.0) 148.0-148.3 frac controlled graphitic zone. very soft black non-magnetic mineral along mechanical fracture @ 15 deg tca graphite grows past frac into groundmass not assoc. w/ increase in sulphides still absent to trace @164.8 grades into coarse grained pegmatitic leuco gabbro no change in lithology just grain size grains up to 4cm in diameter on average 2cm.	A0976463	93.0	94.5	0.033	0.005	2.5	2.5	0.005	
			A0976464	94.5	96.0	0.007	0.004	2.5	2.5	0.005	
			A0976465	96.0	97.5	0.009	0.005	2.5	2.5	0.005	
			A0976466	97.5	99.0	0.009	0.005	2.5	2.5	0.02	
			A0976467	99.0	100.5	0.011	0.005	2.5	2.5	0.02	
			A0976468	100.5	102.0	0.014	0.005	2.5	2.5	0.01	
			A0976469	102.0	103.5	0.011	0.005	2.5	2.5	0.1	
			A0976470	103.5	105.0	0.011	0.005	2.5	2.5	0.05	
			A0976472	105.0	106.5	0.01	0.005	2.5	2.5	0.03	
			A0976473	106.5	108.0	0.011	0.005	2.5	2.5	0.04	
			A0976474	108.0	109.5	0.012	0.006	2.5	2.5	0.09	
			A0976475	109.5	111.0	0.011	0.005	2.5	2.5	0.08	
			A0976476	111.0	112.5	0.011	0.004	2.5	2.5	0.05	
			A0976477	112.5	114.0	0.011	0.004	2.5	2.5	0.05	
			A0976478	114.0	115.5	0.01	0.004	2.5	2.5	0.03	
			A0976479	115.5	117.0	0.012	0.005	2.5	2.5	0.06	
			A0976480	117.0	118.5	0.01	0.004	2.5	2.5	0.03	
			A0976481	118.5	120.0	0.011	0.004	2.5	2.5	0.03	
			A0976482	120.0	121.5	0.01	0.004	2.5	2.5	0.04	
			A0976484	121.5	123.0	0.011	0.004	2.5	2.5	0.08	
			A0976485	123.0	124.5	0.01	0.004	2.5	2.5	0.07	
			A0976486	124.5	126.0	0.011	0.004	2.5	2.5	0.06	
			A0976487	126.0	127.5	0.011	0.004	2.5	2.5	0.06	
			A0976488	127.5	129.0	0.013	0.005	2.5	2.5	0.04	
			A0976489	129.0	130.5	0.01	0.004	2.5	2.5	0.04	
			A0976490	130.5	132.0	0.011	0.004	2.5	2.5	0.03	
			A0976491	132.0	133.5	0.011	0.004	2.5	2.5	0.03	
			A0976492	133.5	135.0	0.012	0.004	2.5	2.5	0.04	

A0976493	135.0	136.5	0.016	0.006	2.5	2.5	0.05
A0976494	136.5	138.0	0.011	0.004	2.5	2.5	0.04
A0976496	138.0	139.5	0.012	0.004	2.5	2.5	0.06

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976497	139.5	141.0	0.011	0.004	2.5	2.5	0.06	
			A0976498	141.0	142.5	0.011	0.004	2.5	2.5	0.04	
			A0976499	142.5	144.0	0.014	0.004	2.5	2.5	0.05	
			A0976500	144.0	145.5	0.013	0.004	2.5	2.5	0.04	
			A0976501	145.5	147.0	0.013	0.004	2.5	2.5	0.03	
			A0976502	147.0	148.5	0.012	0.004	2.5	2.5	0.03	
			A0976503	148.5	150.0	0.012	0.004	2.5	2.5	0.02	
			A0976504	150.0	151.5	0.01	0.004	2.5	2.5	0.02	
			A0976505	151.5	153.0	0.014	0.005	2.5	2.5	0.13	
			A0976507	153.0	154.5	0.012	0.004	2.5	2.5	0.04	
			A0976508	154.5	156.0	0.012	0.004	2.5	2.5	0.05	
			A0976509	156.0	157.5	0.014	0.004	2.5	2.5	0.12	
			A0976510	157.5	159.0	0.014	0.004	2.5	2.5	0.08	
			A0976511	159.0	160.5	0.013	0.004	2.5	2.5	0.04	
			A0976512	160.5	162.0	0.012	0.004	2.5	2.5	0.01	
			A0976513	162.0	163.5	0.013	0.004	6	2.5	0.03	
			A0976514	163.5	165.0	0.011	0.004	5	2.5	0.005	
			A0976515	165.0	166.5	0.028	0.007	2.5	2.5	0.05	
			A0976517	166.5	168.0	0.023	0.006	9	2.5	0.03	
			A0976518	168.0	169.5	0.029	0.006	2.5	2.5	0.06	
168.3	**181.6**	**UP4, Pyroxenite**	A0976518	168.0	169.5	0.029	0.006	2.5	2.5	0.06	
grades from above into light forest green medium grained, massive, weakly pervasively magnetic, pyroxenite. Disseminated sulphides increase to trace-<0.5% ultra fine to fine crystalline pn+hz+aw. Core competence is moderate to strong w/ minor mechanical fracs.			A0976519	169.5	171.0	0.025	0.006	6	2.5	0.03	
			A0976520	171.0	172.5	0.025	0.006	10	2.5	0.09	
@170.5 4cm thick 90 deg tca white sr.? veinlet not assoc. w/ sulphides not carb. very soft.			A0976521	172.5	174.0	0.03	0.006	9	2.5	0.2	
			A0976522	174.0	175.5	0.034	0.006	2.5	2.5	0.06	
173.6-174.1 becomes light grey-black irridescent faintly foliated pyroxenite. faint			A0976523	175.5	177.0	0.032	0.007	42	6	0.07	
			A0976524	177.0	178.5	0.035	0.008	91	5	0.38	
foliations @ 15 deg tca associated with an increase in disseminated sulphides ultra fine to fine crystalline pn.+hz 0.5-1%			A0976525	178.5	180.0	0.029	0.007	191	68	0.28	
			A0976526	180.0	181.5	0.02	0.006	613	446	0.26	
			A0976528	181.5	183.0	0.017	0.008	1400	1370	0.1	

176.3-177.4 sharp contact back into previously described light grey-black fainlty foliated pyroxenite foliations @ 50 deg tca sulphides once again increase to 0.5-1% pn+hz disseminated ultra fine to fine grained crystalline

181.6 241.1 UP1, Peridotite

grades from above into a dark green-black, pervasively magnetic, mesocumulate to massive moderately serpentinzed peridotite. Serpentinization is predominantly

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		fracture controlled emerald green sr.+ minor cys. Core is fairly incompetent w/ ~5% rubble/broken core throughout. Sulphides are trace-0.5% patchy disseminated ultra fine to fine crystalline/blebby pn+hz+aw some mt. fractures contain po+pn ~1% but they are local and not abundant ~2-4% overall	A0976530	184.5	186.0	0.05	0.015	23	11	0.06	
			A0976531	186.0	187.5	0.053	0.014	37	26	0.005	
			A0976532	187.5	189.0	0.054	0.014	115	83	0.005	
		182.6-183.0 highly altered cream-grey to emerald green mottled zone w/ chaotic stringers of mt.+cpy+po+pn ~1-3% intercumulus pn+po @1-3% aswell. Mechanical fracture planes contain fibrous brassy yellow mineral @ 3-4% millerite? Py? overall ~2-3% sulphides for this zone. Awaurite is absent. Should be a spike in Cu due to presence of cpy.	A0976533	189.0	190.5	0.065	0.015	111	86	0.08	
			A0976534	190.5	192.0	0.068	0.014	50	48	0.12	
			A0976535	192.0	193.5	0.074	0.015	21	27	0.05	
		@ 183.2 irregular 2cm thick emerald green sr. veinlet ~30deg tca	A0976536	193.5	195.0	0.084	0.015	14	13	0.005	
		183.2-183.5 highly altered zone as described above for (182.6-183.0) lacks fibrous millerite and overall closer to 1% sulphides pred. frac. Controlled cpy+pn+po and minor disseminated crystalline pn	A0976538	195.0	196.5	0.088	0.015	11	9	0.005	
			A0976539	196.5	198.0	0.097	0.015	10	11	0.04	
		below 183.5 sulphides decrease to trace-0.5% w/ local patches up to 1% disseminated blebby fine aw+pn+hzw (e.g. 186.1)	A0976540	198.0	199.5	0.061	0.014	31	41	0.005	
			A0976541	199.5	201.0	0.081	0.014	16	22	0.02	
		184.1-184.2 rubble	A0976542	201.0	202.5	0.081	0.014	10	13	0.005	
		187.6-187.7 rubble	A0976543	202.5	204.0	0.087	0.014	5	9	0.05	
		188.1-189.0 rubble/broken core	A0976544	204.0	205.5	0.105	0.015	7	2.5	0.11	
		below 195.0 serpentinization increases in intensity to moderately strong. Frac controlled emerald green sr. + lime green sr.? ~5-6%	A0976545	205.5	207.0	0.101	0.015	2.5	2.5	0.02	
			A0976547	207.0	208.5	0.113	0.015	8	2.5	0.02	
		195.3-195.5 shear zone @ 30 deg tca surrounded by halo of mottled green grey sr.+mt. fringes of halo contain disseminated fine to medium grained blebs of aw+pn+hz 1-3% locally	A0976548	208.5	210.0	0.107	0.016	2.5	2.5	0.02	
			A0976549	210.0	211.5	0.113	0.014	2.5	2.5	0.01	
		@196.6 cream-white 1.5cm thick cpx/opx veinlet? w/ left hand shear offset = 1cm	A0976550	211.5	213.0	0.11	0.015	7	2.5	0.04	
		below 195.5 sulphides decrease to trace-0.5% disseminated patchy ultra fine crystalline to blebby pn+hz+aw minor pn found in mt. stringers but not abundant <1% locally will update when sulphides change	A0976551	213.0	214.5	0.117	0.014	8	2.5	0.02	
			A0976552	214.5	216.0	0.117	0.014	2.5	2.5	0.01	
		199.7-199.9 rubble/broken core	A0976553	216.0	217.5	0.115	0.014	2.5	2.5	0.02	
		203.0-203.1 rubble	A0976554	217.5	219.0	0.112	0.014	2.5	2.5	0.005	
		203.8-204.4 rubble/broken core	A0976555	219.0	220.5	0.111	0.015	2.5	2.5	0.01	
			A0976556	220.5	222.0	0.116	0.014	2.5	2.5	0.005	
		206.3-207.2 highly serpentinized vibrant lime green + emerald green sr. chaotic/irregular stringers some subparrallel tca. Along stringer boundaries increase in sulphides 1-3% overall disseminated aw.+hz+pn ultra fine to medium blebby to crystalline drops back to trace-0.5% after this ^ interval	A0976557	222.0	223.5	0.112	0.015	2.5	2.5	0.03	
			A0976558	223.5	225.0	0.108	0.015	2.5	2.5	0.02	
			A0976559	225.0	226.5	0.114	0.015	8	2.5	0.01	
		206.5-206.7 rubble/broken core	A0976560	226.5	228.0	0.112	0.014	6	2.5	0.02	
		207.3-207.4 rubble	A0976561	228.0	229.5	0.136	0.015	2.5	2.5	0.03	
		212.8-213.3 high sulphide zone disseminated blebs of aw+pn+hz ~1-3% blebs are 0.5-2mm in diameter. Zone contains higher amount of wispy cys. Stringers ~5% goes back to trace-0.5% sulphides below this interval could be patchy below this	A0976562	229.5	231.0	0.129	0.014	2.5	2.5	0.02	
			A0976563	231.0	232.5	0.133	0.016	13	2.5	0.03	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
212.4-212.5 rubble/broken core			A0976564	232.5	234.0	0.135	0.015	7	2.5	0.03	
214.4-214.5 rubble			A0976565	234.0	235.5	0.109	0.015	2.5	2.5	0.02	
214.8-214.9 broken core			A0976567	235.5	237.0	0.091	0.013	2.5	2.5	0.01	
215.5-216.4 rubble/ broken core			A0976568	237.0	238.5	0.097	0.015	2.5	2.5	0.01	
216.6-216.7 rubble			A0976569	238.5	240.0	0.09	0.014	2.5	2.5	0.02	
217.5-217.8 rubble/broken core			A0976570	240.0	241.5	0.117	0.014	2.5	2.5	0.02	
220.1-228.3 intercumulus space gets larger and becomes phaneritic. grains of white-light green opx/cpx fill inercumulus, average 0.5-1.5cm in diameter some as big as 5cm in diameter no increase in sulphides still trace-0.5% aw+pn+hz disseminated ultra fine blebs											
231.6-231.8 broken core											
@233.7 annealed clay seam 4 cm thick 25 deg tca grey-white foliated shear foliation 0.2-1mm thick											
236.4-241.1 phaneritic intercumulus opx/cpx light green-white grains 0.5-1cm in diameter on average some up to 5cm assoc. with patchy higher grade (2-3%) blebs of aw+hz+pn up to 2mm in diameter (e.g. @ 237.1, 240.1,240.7) inter patch areas are trace-0.5% ultra fine pn+hz overall 0.5-1% sulphides for this section											
241.1	**573**	**UP2, Dunite**	A0976570	240.0	241.5	0.117	0.014	2.5	2.5	0.02	
grades from above into dark green-black adcumulate moderate to weakly serpentinized, pervasively magnetic dunite. Cumulate olivine 1-5mm in diameter on average some up to 6mm in diameter. Interstitial as well as stringer type chrysotile patches found throughout. Coarser grained peridotitic sections are found throughout the dunite with increases in cpx/opx minerals within intercumulus. Serpentinized veins of emerald green sr are found throughout pred. along fracs ~1-3% total. Sulphides are pred. disseminated aw+pn+hz blebs 0.5-1mm in diameter. Mt. stringers are found throughout ~1-2% some contain pn+po.			A0976571	241.5	243.0	0.138	0.014	7	2.5	0.02	
			A0976572	243.0	244.5	0.14	0.014	34	40	0.02	
			A0976573	244.5	246.0	0.141	0.015	22	66	0.03	
			A0976574	246.0	247.5	0.145	0.015	38	51	0.03	
			A0976575	247.5	249.0	0.14	0.015	13	6	0.02	
246.6-252.3 peridotitic composition for this section. 30-40% intercumulus cpx/opx light cream white to light green 1-5mm in diameter			A0976576	249.0	250.5	0.129	0.013	10	18	0.01	
			A0976578	250.5	252.0	0.139	0.014	14	20	0.03	
247.9-248.0 broken core			A0976579	252.0	253.5	0.152	0.015	16	17	0.02	
253.5-253.6 rubble emerald green sr. fibers			A0976580	253.5	255.0	0.157	0.015	13	2.5	0.03	
261.2- 264.5 peridotic composition. Intercumulus cpx abundance increases to ~20% locally up to 30%			A0976581	255.0	256.5	0.164	0.014	13	2.5	0.03	
281.9-282.1 broken core			A0976582	256.5	258.0	0.167	0.014	16	9	0.03	
283.4-283.6 broken core			A0976583	258.0	259.5	0.167	0.014	32	28	0.03	
			A0976584	259.5	261.0	0.171	0.015	23	19	0.04	
			A0976586	261.0	262.5	0.14	0.015	13	11	0.04	
261-261.6 broken core			A0976587	262.5	264.0	0.133	0.016	14	10	0.03	
261.8-262 broken core			A0976588	264.0	265.5	0.148	0.015	19	40	0.03	
265.4-265.6 broken/rubble core			A0976589	265.5	267.0	0.14	0.015	2.5	24	0.02	

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From	To	Lithology
		268.9-269.4 broken core sr. veinlets
		270.6-270.9 coarse grained brecciated peridotitic composition ~20% cpx 0.2-0.5cm in diameter some up to 1cm in diameter. Mt. stringers brecciate groundmass which contain patches of aw+pn+hz ~1-3% for this section overall. disseminated aw. found around stringers
		271.2-271.4 see above description
		290.9-291 rubble
		295.5-295.6 broken core
		296.7-297 broken core
		297.5-297.6 broken core
		301.5-301.6 rubble/broken core
		303.8-304.2 broken core
		341-361 contains highly altered (serpentinized) zones w/ up to 10% mt. stringers/veinlets which are locally filled/lined w/ aw.+pn+hz generally dissimented around mt. grains.
		@ 354.2 2cm by 0.5cm patch of brassy yellow/gold po+pn? Cpy? Contained within a subparrallel tca mt. veinlet, pictures in camera
		along the same previously mentioned veinlet @ 354.9 patches of brassy yellow pn+po? Cpy? These patches rim the outside of the mt. veinlet and are surrounded by halo of emerald green sr. ~0.2-1cm thick, pictures in camera
		386.4-386.6 rubble/broken core
		401-3-401.5 rubble/broken core
		423 mt. vein subparrallel tca left hand shear offset= 1cm
		434.0-434.2 rubble/broken core/unconsolidated gouge
		440.4 10cm long gouge seam 10 deg tca
		490.2-493.7 adcumulate texture gets overprinted by secondary alteration. Crystalline white-transparent mineralization magnesite? Or magnesium-rich olivine forsterite? Discontinuous pegmatitic leucogabbro? vein brecciates groundmass between 492-493.5 plag/px grains up to 5cm in diameter but average 2-3cm rich cream white. Surrounded by emerald green sr. pegmatite contains trace-minor native copper ultra fine-fine absence of other mineralization however.
		498.9-501 rubble/broken/missing core drillers left blocks indicating grind atleast one metre of missing core
		505.4-506.1 cumulate olvine grain size increases to coarse (0.5->1.0cm) interstitial space increases but Ni min does not increase (see sample tab) possibly bottom of minor layer within major dunite layer
		520.3-520.4 rubbled core

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0976590	A0976622		267.0	268.5				
A0976591	268.5	270.0	0.143	0.014	15	20	0.04	
A0976592			270.0	271.5				
A0976593	271.5	273.0	0.157	0.014	2.5	27	0.02	
A0976594			273.0	274.5				
A0976595	274.5	276.0	0.159	0.014	2.5	2.5	0.03	
A0976596			276.0	277.5				
A0976597	277.5	279.0	0.16	0.014	2.5	2.5	0.05	
A0976598			279.0	280.5				
A0976599	280.5	282.0	0.176	0.014	2.5	2.5	0.03	
A0976600			282.0	283.5				
A0976601	283.5	285.0	0.169	0.013	2.5	2.5	0.02	
A0976602			285.0	286.5				
A0976603	286.5	288.0	0.174	0.014	2.5	2.5	0.02	
A0976605			288.0	289.5				
A0976606	289.5	291.0	0.175	0.013	2.5	2.5	0.04	
A0976607			291.0	292.5				
A0976608	292.5	294.0	0.177	0.013	2.5	2.5	0.04	interstitial cys. increases between 293.5-294 not assoc. w/ higher mineralization
A0976609			294.0	295.5				
A0976611	295.5	297.0	0.188	0.014	12	9	0.03	
A0976612			297.0	298.5				
A0976613	298.5	300.0	0.188	0.013	11	9	0.05	
A0976614			300.0	301.5				
A0976615	301.5	303.0	0.182	0.013	13	10	0.03	
A0976616			303.0	304.5				
A0976617	304.5	306.0	0.182	0.014	12	2.5	0.04	
A0976618			306.0	307.5				
A0976619	307.5	309.0	0.19	0.013	22	7	0.03	
A0976620			309.0	310.5				
A0976621	310.5	312.0	0.19	0.014	2.5	34	0.05	

312.0	313.5	0.146 0.014 10 33 0.02 0.141 0.014 10 28 0.04 0.155 0.014 2.5 6 0.03 0.156 0.015 2.5 2.5 0.03 0.161 0.014 2.5 2.5 0.04	0.173 014 0 5 04 0.177 013 5 5 03 0.168 013 5 5 04 0.18 014 5 04 0.171 013 5 04	0. 1 2. 0. 0. 2. 2. 0. 0. 2. 2. 0. 0. 7 2. 0. 0. 2. 6 0.	0.171 0.181 0.183 0.188 0.183 0.173	0.014 0.013 0.015 0.013 0.014 0.013	8 12 17 16 15 2.5	6 2.5 14 6 20 17	0.03 0.03 0.05 0.04 0.05 0.04

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
542.8	542.9	clay seam	A0976623	313.5	315.0	0.185	0.016	2.5	6	0.05	
556.8	556.9	rubbled core	A0976625	315.0	316.5	0.199	0.012	2.5	2.5	0.04	
566.8	566.9	broken core	A0976626	316.5	318.0	0.215	0.013	2.5	6	0.05	
572.7	572.8	broken core	A0976627	318.0	319.5	0.194	0.013	2.5	2.5	0.04	
			A0976628	319.5	321.0	0.201	0.014	2.5	2.5	0.05	patches of ultrafine-fine aw. In mt. irregular stringers
			A0976629	321.0	322.5	0.204	0.012	2.5	2.5	0.04	
			A0976630	322.5	324.0	0.201	0.013	2.5	9	0.04	
			A0976631	324.0	325.5	0.227	0.012	2.5	2.5	0.05	irregular mt. stringers/veinlets w/ pn+hz+aw
			A0976632	325.5	327.0	0.195	0.012	2.5	2.5	0.03	
			A0976633	327.0	328.5	0.204	0.012	2.5	2.5	0.03	
			A0976634	328.5	330.0	0.19	0.013	2.5	8	0.02	
			A0976635	330.0	331.5	0.206	0.012	2.5	8	0.04	
			A0976637	331.5	333.0	0.193	0.012	2.5	2.5	0.03	
			A0976638	333.0	334.5	0.19	0.012	2.5	2.5	0.03	333.5-333.7 high altered zone w/ irregular veinlet of mt. lined/filled w/ aw+pn+hz 1-3%
			A0976639	334.5	336.0	0.194	0.012	5	2.5	0.02	
			A0976640	336.0	337.5	0.193	0.012	2.5	2.5	0.04	
			A0976641	337.5	339.0	0.202	0.013	6	7	0.04	@337.7 veinlet of emerald green sr. w/ brecciated dunite inside and aw.+pn disseminated 40 deg tca may increase overall %
			A0976642	339.0	340.5	0.203	0.012	8	7	0.03	
			A0976643	340.5	342.0	0.196	0.012	2.5	2.5	0.04	
			A0976644	342.0	343.5	0.206	0.014	2.5	2.5	0.06	
			A0976645	343.5	345.0	0.224	0.014	2.5	2.5	0.05	
			A0976646	345.0	346.5	0.236	0.013	2.5	2.5	0.06	

A0976648	346.5	348.0	0.228	0.013	2.5	2.5	0.06	mt. stringers filled w/ and lined w/ aw? Pn? Could be high grade zone
A0976649	348.0	349.5	0.22	0.013	2.5	2.5	0.05	
A0976650	349.5	351.0	0.221	0.012	2.5	2.5	0.03	
A0976651	351.0	352.5	0.203	0.013	2.5	2.5	0.05	
A0976652	352.5	354.0	0.217	0.013	2.5	2.5	0.04	

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976653	354.0	355.5	0.454	0.015	2.5	2.5	0.14	subparrallel tca mt. stringer w/ patches of pn+po+cpy?? Stro
			A0976654	355.5	357.0	0.302	0.014	2.5	2.5	0.07	
			A0976655	357.0	358.5	0.239	0.014	2.5	2.5	0.03	
			A0976657	358.5	360.0	0.243	0.014	2.5	2.5	0.06	
			A0976658	360.0	361.5	0.261	0.012	2.5	2.5	0.03	
			A0976659	361.5	363.0	0.264	0.012	2.5	2.5	0.03	
			A0976660	363.0	364.5	0.261	0.011	2.5	2.5	0.02	
			A0976661	364.5	366.0	0.269	0.012	2.5	2.5	0.04	
			A0976662	366.0	367.5	0.259	0.012	2.5	2.5	0.04	
			A0976663	367.5	369.0	0.263	0.012	2.5	2.5	0.05	
			A0976664	369.0	370.5	0.266	0.011	2.5	2.5	0.04	
			A0976665	370.5	372.0	0.271	0.011	2.5	2.5	0.04	
			A0976666	372.0	373.5	0.259	0.012	2.5	2.5	0.05	
			A0976667	373.5	375.0	0.249	0.013	2.5	2.5	0.06	
			A0976668	375.0	376.5	0.252	0.012	2.5	2.5	0.06	
			A0976669	376.5	378.0	0.252	0.013	2.5	2.5	0.06	
			A0976670	378.0	379.5	0.251	0.016	2.5	2.5	0.1	left hand shear of mt. veinlet offset = 0.3cm subparrallel tca
			A0976671	379.5	381.0	0.251	0.012	2.5	2.5	0.08	
			A0976673	381.0	382.5	0.263	0.012	21	2.5	0.1	
			A0976674	382.5	384.0	0.254	0.012	2.5	2.5	0.07	
			A0976675	384.0	385.5	0.277	0.012	2.5	2.5	0.09	
			A0976676	385.5	387.0	0.244	0.014	2.5	7	0.11	
			A0976677	387.0	388.5	0.188	0.013	2.5	2.5	0.08	
			A0976678	388.5	390.0	0.204	0.015	2.5	2.5	0.1	
			A0976680	390.0	391.5	0.224	0.014	2.5	8	0.09	
			A0976681	391.5	393.0	0.212	0.013	2.5	11	0.08	

A0976682	393.0	394.5	0.197	0.013	2.5	2.5	0.09	fine grained patches of pn+po+mt 0.5-1mm in diameter in a 5 cm thick band @ 394.1
A0976683	394.5	396.0	0.201	0.013	14	29	0.09	
A0976684	396.0	397.5	0.196	0.012	20	34	0.09	
A0976685	397.5	399.0	0.182	0.013	19	12	0.09	

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976686	399.0	400.5	0.268	0.014	2.5	2.5	0.13	olivine crystals become coarser grained 0.5 to almost 1cm in diameter anhedral hence the intercumulus space increases and leads to patches/blebs of mineralized pn+hz+mt. disseminated aw. Persists as well but finer grained. This GS change is @ 398.2-399.8
			A0976687	400.5	402.0	0.256	0.014	2.5	2.5	0.13	
			A0976688	402.0	403.5	0.299	0.014	2.5	9	0.14	
			A0976689	403.5	405.0	0.254	0.013	2.5	2.5	0.14	
			A0976691	405.0	406.5	0.262	0.012	2.5	2.5	0.13	
			A0976692	406.5	408.0	0.406	0.015	9	14	0.2	
			A0976693	408.0	409.5	0.436	0.015	32	58	0.23	
			A0976694	409.5	411.0	0.354	0.014	37	70	0.23	
			A0976695	411.0	412.5	0.436	0.013	46	66	0.26	
			A0976696	412.5	414.0	0.563	0.015	58	89	0.32	
			A0976697	414.0	415.5	0.416	0.013	18	38	0.24	
			A0976698	415.5	417.0	0.406	0.012	33	55	0.23	
			A0976699	417.0	418.5	0.456	0.015	18	25	0.25	
			A0976700	418.5	420.0	0.469	0.016	32	95	0.27	
			A0976701	420.0	421.5	0.377	0.013	40	93	0.23	
			A0976702	421.5	423.0	0.33	0.011	60	109	0.22	
			A0976703	423.0	424.5	0.408	0.015	77	144	0.29	
			A0976705	424.5	426.0	0.307	0.011	93	164	0.21	
			A0976706	426.0	427.5	0.414	0.016	13	31	0.31	

A0976707	427.5	429.0	0.658	0.029	68	82	0.56	fault zone so difficult to tell mineralization but frac planes have semi massive po+pn? Plus patches of pn+po magnetite is abundant
A0976708	429.0	430.5	0.35	0.014	78	96	0.26	
A0976709	430.5	432.0	0.408	0.016	38	54	0.3	
A0976711	432.0	433.5	0.406	0.017	58	81	0.29	
A0976712	433.5	435.0	0.374	0.015	48	58	0.28	

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976713	435.0	436.5	0.42	0.018	45	65	0.33	
			A0976714	436.5	438.0	0.388	0.017	25	50	0.31	
			A0976715	438.0	439.5	0.375	0.015	22	32	0.25	
			A0976716	439.5	441.0	0.453	0.013	100	698	0.19	
			A0976717	441.0	442.5	0.331	0.009	50	35	0.09	difficult to tell mineralization see structure tab for description
			A0976718	442.5	444.0	0.349	0.008	144	73	0.08	difficult to tell mineralization see structure tab for description
			A0976719	444.0	445.5	0.46	0.013	13	35	0.13	
			A0976720	445.5	447.0	0.714	0.014	13	53	0.2	
			A0976721	447.0	448.5	0.503	0.012	379	311	0.12	
			A0976722	448.5	450.0	0.456	0.013	236	654	0.1	
			A0976724	450.0	451.5	0.336	0.011	335	160	0.07	
			A0976725	451.5	453.0	0.416	0.013	20	434	0.1	
			A0976726	453.0	454.5	0.412	0.016	38	476	0.09	
			A0976727	454.5	456.0	0.348	0.014	13	47	0.1	
			A0976728	456.0	457.5	0.338	0.012	52	72	0.07	
			A0976729	457.5	459.0	0.352	0.011	53	107	0.06	
			A0976730	459.0	460.5	0.375	0.016	179	45	0.11	
			A0976731	460.5	462.0	0.384	0.015	50	85	0.12	
			A0976732	462.0	463.5	0.276	0.012	2.5	6	0.04	
			A0976733	463.5	465.0	0.328	0.014	2.5	2.5	0.06	
			A0976734	465.0	466.5	0.34	0.014	12	6	0.07	
			A0976735	466.5	468.0	0.343	0.012	16	2.5	0.07	
			A0976736	468.0	469.5	0.333	0.013	10	2.5	0.07	

A0976737	469.5	471.0	0.315	0.013	14	2.5	0.06	patches of pn+hz? In a mt. veinlet @ 470.9
A0976738	471.0	472.5	0.323	0.013	2.5	2.5	0.06	patches of fine grained pn+hz? In a mt. veinlet @ 472.4 may increase sample Ni% 1-3
A0976739	472.5	474.0	0.295	0.014	2.5	2.5	0.06	
A0976741	474.0	475.5	0.306	0.014	2.5	2.5	0.07	stringers may locally contain aw.+pt mins? Silvery mineral too fine to see
A0976742	475.5	477.0	0.308	0.014	2.5	2.5	0.06	

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976743	477.0	478.5	0.281	0.013	2.5	2.5	0.03	
			A0976744	478.5	480.0	0.292	0.014	2.5	2.5	0.05	
			A0976745	480.0	481.5	0.29	0.012	2.5	2.5	0.04	
			A0976746	481.5	483.0	0.298	0.012	2.5	2.5	0.03	481.7 mt. stringer w/ 2cm left hand shear mt. stringer also contains patches of pn+hz+aw
			A0976747	483.0	484.5	0.294	0.013	2.5	2.5	0.04	
			A0976749	484.5	486.0	0.3	0.013	2.5	2.5	0.04	
			A0976750	486.0	487.5	0.297	0.012	2.5	2.5	0.04	
			A0976751	487.5	489.0	0.298	0.015	2.5	2.5	0.03	
			A0976752	489.0	490.5	0.289	0.012	2.5	2.5	0.05	
			A0976753	490.5	492.0	0.301	0.012	13	6	0.06	
			A0976754	492.0	493.5	0.126	0.008	11	2.5	0.03	
			A0976755	493.5	495.0	0.282	0.012	2.5	2.5	0.03	
			A0976756	495.0	496.5	0.274	0.012	2.5	2.5	0.02	
			A0976757	496.5	498.0	0.251	0.011	2.5	2.5	0.02	
			A0976759	498.0	499.5	0.274	0.011	2.5	2.5	0.02	
			A0976760	499.5	501.0	0.293	0.012	2.5	2.5	0.03	this is an assumed mineralization based on above and below due to missing/rubbled core see lithology tab for more details
			A0976761	501.0	502.5	0.291	0.013	2.5	2.5	0.03	
			A0976762	502.5	504.0	0.298	0.014	2.5	2.5	0.03	
			A0976763	504.0	505.5	0.297	0.014	2.5	2.5	0.03	
			A0976764	505.5	507.0	0.279	0.012	2.5	2.5	0.01	
			A0976765	507.0	508.5	0.301	0.013	2.5	2.5	0.02	
			A0976766	508.5	510.0	0.295	0.014	2.5	2.5	0.04	

A0976767	510.0	511.5	0.341	0.012	2.5	2.5	0.07
A0976770	511.5	513.0	0.291	0.012	2.5	2.5	0.02
A0976771	513.0	514.5	0.286	0.013	6	6	0.03
A0976772	514.5	516.0	0.281	0.012	9	6	0.04
A0976773	516.0	517.5	0.291	0.013	8	6	0.04
A0976774	517.5	519.0	0.289	0.013	2.5	2.5	0.04
A0976775	519.0	520.5	0.304	0.014	2.5	13	0.05

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976776	520.5	522.0	0.294	0.014	16	7	0.05	
			A0976777	522.0	523.5	0.295	0.016	5	2.5	0.04	***possible Pt in irregular mt. stringer @ 522.4 massive silvery mineral maybe Aw.?***
			A0976778	523.5	525.0	0.285	0.012	2.5	22	0.04	
			A0976779	525.0	526.5	0.287	0.013	2.5	2.5	0.03	
			A0976780	526.5	528.0	0.294	0.012	2.5	2.5	0.03	
			A0976781	528.0	529.5	0.281	0.012	2.5	2.5	0.02	
			A0976782	529.5	531.0	0.295	0.014	2.5	2.5	0.04	
			A0976783	531.0	532.5	0.275	0.014	2.5	2.5	0.04	mt. stringers contain patches of native Cu along with patches of pn+hz+aw
			A0976784	532.5	534.0	0.276	0.013	7	2.5	0.03	
			A0976785	534.0	535.5	0.285	0.012	2.5	2.5	0.02	mt. veinlet 70 vdeg tca contains minor mt. stringers radiating away from it perpendicular to it w/ trace native Cu patches
			A0976786	535.5	537.0	0.284	0.013	2.5	2.5	0.02	
			A0976787	537.0	538.5	0.278	0.018	2.5	2.5	0.03	native cu patches in irregular mt. stringers @537.7
			A0976788	538.5	540.0	0.287	0.011	2.5	2.5	0.02	
			A0976789	540.0	541.5	0.293	0.016	2.5	5	0.04	
			A0976790	541.5	543.0	0.321	0.012	2.5	34	0.03	
			A0976792	543.0	544.5	0.287	0.011	2.5	2.5	0.02	
			A0976793	544.5	546.0	0.282	0.009	2.5	6	0.03	
			A0976794	546.0	547.5	0.284	0.011	2.5	2.5	0.02	
			A0976795	547.5	549.0	0.286	0.012	2.5	2.5	0.02	native cu in mt. stringers @ 548.9
			A0976796	549.0	550.5	0.293	0.017	2.5	2.5	0.04	native cu in mt. stringers @ 550.3
			A0976797	550.5	552.0	0.279	0.011	2.5	2.5	0.03	native cu in mt. stringers @ 551.5
			A0976798	552.0	553.5	0.267	0.012	2.5	2.5	0.03	
			A0976799	553.5	555.0	0.281	0.01	2.5	2.5	0.01	
			A0976800	555.0	556.5	0.28	0.01	2.5	2.5	0.005	

A0976801	556.5	558.0	0.278	0.011	2.5	2.5	0.005
A0976802	558.0	559.5	0.28	0.013	2.5	2.5	0.02

Project: Crawford Nickel **Hole Number:** CR19-28

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0976803	559.5	561.0	0.294	0.011	11	2.5	0.005	
			A0976804	561.0	562.5	0.292	0.015	2.5	2.5	0.005	
			A0976806	562.5	564.0	0.288	0.01	2.5	2.5	0.005	
			A0976807	564.0	565.5	0.288	0.012	2.5	2.5	0.01	
			A0976808	565.5	567.0	0.291	0.013	6	2.5	0.005	
			A0976809	567.0	568.5	0.287	0.014	2.5	2.5	0.03	
			A0976810	568.5	570.0	0.286	0.011	20	110	0.01	
			A0976812	570.0	571.5	0.279	0.011	2.5	2.5	0.005	
			A0976813	571.5	573.0	0.276	0.012	5	2.5	0.02	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR19-31

Easting: 474905 **Length:** 552 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409610 **Azimuth:** 359.9 **Core Size:** NQ **Drilling Start:** Feb-21-2020 **Drilling**

Elevation: 276.1414 **Dip:** -50 **Logged By:** Curtis Ferron **Completed:** Feb-27-2020

Tenure Number: PAT-49981

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**81**	**OVB, Overburden** no overburden in core box									
81	**112.5**	**VI, Intermediate Metavolcanics** light to dark grey, fg, amygoidal, non-magnetic, intermediate to mafic metavolcanics. Patches of flow-top breccia occur throughout with fragments that are a few mm to 5cm, angular to subrounded in a fg gm. Carbonitization is moderate with irregular strngrs/vnlts of cb+ lesser qz ~5-6%. Amygoidal fill is also cb 1mm-1cm ~2-3% Some stringers/ veinlets contain euhedral to subhedral smoky qz up to 80% generally 20% of vnlt (e.g @ 83.7, 89.4) radial fibrous black-dark green minerals sometimes occur in these vnlts (actinolite?) Sericitization occurs as fine disseminations ~4-5% Trace patches of blebby py+cpy occur (absent to trace) and along frac surfaces (generally cb vnlts) can be up to 15% Ni min = nil 107.1-112.5 contact zone btwn volcanics and underlying intrusive peridotite. Chaotic to mottled greyish white pervasively carbonitized sub-unit w/ 50-60% cb stringers	A0970371	106.5	108.0	0.0025	0.003	2.5	2.5	0.005	
			A0970372	108.0	109.5	0.009	0.004	2.5	2.5	0.005	
			A0970373	109.5	111.0	0.077	0.007	5	10	0.005	
			A0970374	111.0	112.5	0.147	0.008	13	7	0.005	
112.5	**235**	**UP1, Peridotite** grades from above into a black-dark green moderate to moderately weakly serpentinized, moderately carbonitized, fg pervasively magnetic, massive crystalline to orthocumulate peridotite mt generally found in stringers irregular to 40 deg tca 1-5% serp. Is pred. restricted to strngrs/vnlts generally iregularly oriented ~5% carb. Is found in stringrs/vnlts throughout as chaotic to irregular ~ 3-4% fg magnesite? Is found throughout @ ~6-7%% rare patches of oikocrystic (snowflake) texture found patches of fg pink garnet (pyrope?) are found pervasively generally less than 1% but up to 5% in places 188.8-191.2 light green snowflake texture in a black crystalline groundmass crosscut by mt.+cb stringers sometimes assoc. w/ mineralization along their rims pn+hz (see samples for %) Below 219 patches of brecciated rounded to subrounded clasts of groundmass occur seperated by stringers to vnlts of mt+/- cb+sr. this is not pervasive throughout and occurs as patches up to 50cm long (hydrothermal fluid brecciation in situ?) 199.5- 204 "bleached" light teal green adcumulate with black alteration patches	A0970375	112.5	114.0	0.135	0.01	2.5	2.5	0.005	
			A0970376	114.0	115.5	0.139	0.009	10	2.5	0.005	
			A0970377	115.5	117.0	0.169	0.011	2.5	2.5	0.005	
			A0970378	117.0	118.5	0.163	0.011	5	2.5	0.005	
			A0970379	118.5	120.0	0.161	0.011	6	2.5	0.005	
			A0970381	121.5	123.0	0.157	0.011	2.5	2.5	0.005	
			A0970382	123.0	124.5	0.174	0.012	2.5	2.5	0.005	
			A0970384	124.5	126.0	0.169	0.011	21	6	0.005	
			A0970385	126.0	127.5	0.168	0.012	11	2.5	0.005	
			A0970386	127.5	129.0	0.169	0.012	2.5	2.5	0.005	
			A0970387	129.0	130.5	0.173	0.012	9	2.5	0.01	
			A0970388	130.5	132.0	0.173	0.012	6	2.5	0.005	

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR19-31

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970390	132.0	133.5	0.173	0.012	2.5	2.5	0.01	
			A0970391	133.5	135.0	0.179	0.013	2.5	2.5	0.005	
			A0970392	135.0	136.5	0.18	0.012	14	2.5	0.005	
			A0970393	136.5	138.0	0.177	0.013	2.5	7	0.005	
			A0970394	138.0	139.5	0.183	0.012	2.5	2.5	0.02	
			A0970396	139.5	141.0	0.182	0.012	2.5	2.5	0.01	
			A0970397	141.0	142.5	0.186	0.013	2.5	2.5	0.01	
			A0970398	142.5	144.0	0.176	0.012	2.5	2.5	0.005	
			A0970399	144.0	145.5	0.179	0.012	21	2.5	0.005	
			A0970400	145.5	147.0	0.182	0.013	2.5	2.5	0.005	
			A0970401	147.0	148.5	0.172	0.012	2.5	2.5	0.03	
			A0970402	148.5	150.0	0.18	0.013	2.5	2.5	0.005	
			A0970403	150.0	151.5	0.167	0.013	2.5	2.5	0.005	
			A0970404	151.5	153.0	0.168	0.013	2.5	2.5	0.005	
			A0970405	153.0	154.5	0.154	0.013	2.5	7	0.005	
			A0970406	154.5	156.0	0.153	0.013	2.5	2.5	0.01	
			A0970407	156.0	157.5	0.147	0.013	2.5	2.5	0.005	
			A0970408	157.5	159.0	0.145	0.013	2.5	2.5	0.005	
			A0970409	159.0	160.5	0.149	0.013	2.5	2.5	0.005	
			A0970411	160.5	162.0	0.156	0.013	2.5	2.5	0.005	
			A0970412	162.0	163.5	0.159	0.013	2.5	2.5	0.02	
			A0970413	163.5	165.0	0.176	0.014	2.5	2.5	0.01	
			A0970414	165.0	166.5	0.198	0.013	2.5	2.5	0.02	
			A0970415	166.5	168.0	0.198	0.013	2.5	2.5	0.02	
			A0970416	168.0	169.5	0.215	0.012	2.5	2.5	0.04	
			A0970417	169.5	171.0	0.206	0.011	2.5	2.5	0.04	
			A0970418	171.0	172.5	0.227	0.011	2.5	2.5	0.04	
			A0970419	172.5	174.0	0.128	0.011	7	7	0.005	
			A0970420	174.0	175.5	0.125	0.011	2.5	2.5	0.005	
			A0970421	175.5	177.0	0.111	0.01	6	5	0.01	
			A0970422	177.0	178.5	0.139	0.011	2.5	6	0.005	
			A0970423	178.5	180.0	0.137	0.01	10	8	0.02	

DRILL LOG REPORT

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970424	180.0	181.5	0.152	0.011	8	8	0.02	
			A0970425	181.5	183.0	0.155	0.011	2.5	9	0.02	
			A0970426	183.0	184.5	0.148	0.011	7	16	0.02	
			A0970428	184.5	186.0	0.13	0.01	9	23	0.005	
			A0970429	186.0	187.5	0.171	0.012	6	17	0.02	
			A0970430	187.5	189.0	0.161	0.012	7	2.5	0.02	
			A0970431	189.0	190.5	0.163	0.011	2.5	2.5	0.02	
			A0970432	190.5	192.0	0.164	0.012	2.5	2.5	0.02	
			A0970433	192.0	193.5	0.17	0.012	2.5	8	0.03	
			A0970434	193.5	195.0	0.168	0.012	2.5	14	0.03	
			A0970435	195.0	196.5	0.171	0.012	12	14	0.03	
			A0970436	196.5	198.0	0.169	0.012	2.5	2.5	0.03	
			A0970437	198.0	199.5	0.178	0.012	2.5	7	0.03	
			A0970439	199.5	201.0	0.175	0.013	2.5	8	0.03	
			A0970440	201.0	202.5	0.17	0.012	2.5	8	0.03	
			A0970441	202.5	204.0	0.008	0.005	2.5	2.5	0.02	
			A0970442	204.0	205.5	0.173	0.012	6	7	0.02	
			A0970443	205.5	207.0	0.166	0.012	2.5	7	0.01	
			A0970444	207.0	208.5	0.166	0.012	13	6	0.005	
			A0970445	208.5	210.0	0.149	0.012	2.5	2.5	0.005	
			A0970446	210.0	211.5	0.15	0.012	2.5	2.5	0.005	
			A0970447	211.5	213.0	0.155	0.013	2.5	2.5	0.005	
			A0970449	213.0	214.5	0.151	0.013	2.5	2.5	0.005	
			A0970450	214.5	216.0	0.161	0.012	2.5	2.5	0.005	
			A0970451	216.0	217.5	0.161	0.013	2.5	2.5	0.005	
			A0970452	217.5	219.0	0.155	0.013	2.5	2.5	0.005	
			A0970453	219.0	220.5	0.158	0.012	5	6	0.005	
			A0970454	220.5	222.0	0.149	0.011	2.5	2.5	0.005	
			A0970455	222.0	223.5	0.16	0.013	2.5	2.5	0.005	
			A0970456	223.5	225.0	0.172	0.013	2.5	2.5	0.005	
			A0970457	225.0	226.5	0.193	0.011	2.5	2.5	0.005	
			A0970458	226.5	228.0	0.211	0.011	2.5	2.5	0.005	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970459	228.0	229.5	0.222	0.011	2.5	2.5	0.005	
			A0970460	229.5	231.0	0.225	0.011	2.5	2.5	0.005	
			A0970462	231.0	232.5	0.222	0.011	2.5	2.5	0.005	
			A0970463	232.5	234.0	0.225	0.012	2.5	2.5	0.005	
			A0970464	234.0	235.0	0.24	0.011	2.5	2.5	0.005	
235	**243.4**	**UP2C, Carbonatized Dunite** upper contact marked by consolidated gouge (80deg tca) into light teal green and white to grey mottled to chaotically textured, mesocumulate, fg, carbonitized dunite (listwanite?) chaotic stringers/vnlts of pred. dolomitic to calcitic carb ~20-25% primary olivine/px has been, in places, altered to dolomitic carb however, faint cumulate texture can still be observed in places. Overall 30-40% carb. Brecciation of groundmass has occurred significantly in places causing it to appear as though there are xenoliths but they are likely just brecciated groundmass. This unit is pervasively weakly magnetic and mt. can be observed along frac planes and throughout groundmass Unit is fairly strong on the hardness scale compared to regular dunite. 241-243.4 the unit becomes more of a dark grey colour and less teal green also becomes vf grained. cb stringers become more abundant (irregular to 40-50deg tca) through this section ~30% overall	A0970465	235.0	236.5	0.238	0.011	2.5	2.5	0.005	
			A0970466	236.5	238.0	0.227	0.011	2.5	2.5	0.005	
			A0970467	238.0	239.5	0.245	0.01	2.5	5	0.005	
			A0970468	239.5	241.0	0.223	0.012	2.5	2.5	0.005	
			A0970469	241.0	242.5	0.224	0.009	2.5	2.5	0.005	
			A0970470	242.5	243.4	0.243	0.01	2.5	2.5	0.005	
243.4	**279**	**UP2C, Carbonatized Dunite** grades from above into a vibrant green/blue moderately-strongly serpentinized, magnetic, mg, adcumulate, pervasively carbonatized dunite this unit contains distinct aqua blue serpentine which is found as irregular/chaotic stringers/veinlets ~5% these stringers/vnlts also contain smaller amounts of white chrysotile ~2% Veinlets/strngrs of white cb also occur sporadically ~3% they're irregularly oriented Mt. is found disseminated throughout and within stringers/ veinlets ~5% intercumulus can be seen altered to white calcite (they react readily w/ hcl) in patches ~5% overall. Decreasing in abundance to base of unit.	A0970471	243.4	245.0	0.29	0.013	2.5	2.5	0.03	
			A0970472	245.0	246.0	0.292	0.012	2.5	2.5	0.03	
			A0970474	246.0	247.5	0.254	0.011	2.5	2.5	0.02	
			A0970475	247.5	249.0	0.259	0.012	2.5	2.5	0.005	
			A0970476	249.0	250.5	0.278	0.012	2.5	2.5	0.02	
			A0970477	250.5	252.0	0.265	0.012	2.5	2.5	0.02	
			A0970478	252.0	253.5	0.258	0.013	2.5	2.5	0.005	
			A0970479	253.5	255.0	0.251	0.012	2.5	2.5	0.005	
			A0970480	255.0	256.5	0.264	0.012	2.5	2.5	0.01	
			A0970482	256.5	258.0	0.262	0.011	2.5	9	0.01	
			A0970483	258.0	259.5	0.243	0.011	2.5	2.5	0.005	
			A0970484	259.5	261.0	0.39	0.01	2.5	81	0.07	
			A0970485	261.0	262.5	0.269	0.012	2.5	2.5	0.02	
			A0970486	262.5	264.0	0.284	0.012	2.5	2.5	0.03	
			A0970487	264.0	265.5	0.279	0.012	2.5	2.5	0.02	

A0970488	265.5 267.0	0.268	0.012	2.5	2.5	0.02
A0970489	267.0 268.5	0.267	0.013	2.5	2.5	0.03
A0970490	268.5 270.0	0.263	0.012	2.5	2.5	0.01

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970491	270.0	271.5	0.278	0.012	2.5	2.5	0.02	
			A0970492	271.5	273.0	0.291	0.012	2.5	2.5	0.03	
			A0970494	273.0	274.5	0.277	0.012	2.5	2.5	0.01	
			A0970495	274.5	276.0	0.275	0.012	2.5	2.5	0.04	
			A0970496	276.0	277.5	0.275	0.012	2.5	2.5	0.01	
			A0970497	277.5	279.0	0.269	0.012	2.5	2.5	0.01	
279	**508.5**	**UP2, Dunite**	A0970498	279.0	280.5	0.271	0.012	2.5	2.5	0.02	
grades from above into a black/dark green, patchy moderate to moderately weakly serpentinized, adcumulate, pervasively magnetic, fine to medium grained Dunite			A0970499	280.5	282.0	0.272	0.012	2.5	2.5	0.02	
~90% ol cumulates 1-2mm, 5% px, 5% sr+mt veinlets/stringers + intercumulus carbonitization is weak w/ rare stringers/vnlts of cb <1% overall			A0970501	282.0	283.5	0.284	0.012	2.5	2.5	0.03	
Ni min = vf-f disseminated pn+hz+aw 0.5-1%			A0970502	283.5	285.0	0.28	0.012	2.5	2.5	0.03	
patches of moderately-strong to strong serpentinization occur in patches throughout generally mt. is abundant in ff stringers			A0970503	285.0	286.5	0.28	0.013	2.5	2.5	0.02	
patches of wispy chrys. strngrs occur throughout ~1-2% overall			A0970504	286.5	288.0	0.257	0.013	2.5	2.5	0.01	
patches of brecciated groundmass occur due to moderately strong serp in patches. Brecciated by mt. stringers.			A0970505	288.0	289.5	0.264	0.012	2.5	2.5	0.01	
320-387 alternates between adcumulate and massive crystalline in places, 70-30% respectively			A0970506	289.5	291.0	0.288	0.013	2.5	10	0.01	
390-397 cumulate ol becomes slightly coarser 2-4mm up to 5mm and px increases			A0970507	291.0	292.5	0.289	0.013	2.5	2.5	0.02	
to 8% mostly interstitial cream white-tan			A0970508	292.5	294.0	0.272	0.013	2.5	2.5	0.01	
			A0970509	294.0	295.5	0.29	0.012	2.5	2.5	0.02	
			A0970510	295.5	297.0	0.277	0.012	2.5	2.5	0.02	
			A0970511	297.0	298.5	0.289	0.013	2.5	54	0.01	
			A0970512	298.5	300.0	0.291	0.013	2.5	2.5	0.02	
			A0970513	300.0	301.5	0.282	0.013	2.5	2.5	0.02	
			A0970514	301.5	303.0	0.285	0.013	2.5	2.5	0.01	
			A0970516	303.0	304.5	0.29	0.013	2.5	2.5	0.02	
			A0970517	304.5	306.0	0.314	0.013	2.5	2.5	0.03	
			A0970518	306.0	307.5	0.307	0.012	8	2.5	0.03	
			A0970519	307.5	309.0	0.282	0.013	6	2.5	0.01	
			A0970520	309.0	310.5	0.316	0.014	2.5	2.5	0.02	
			A0970521	310.5	312.0	0.417	0.015	2.5	2.5	0.05	
			A0970522	312.0	313.5	0.317	0.013	2.5	2.5	0.03	
			A0970523	313.5	315.0	0.318	0.013	9	2.5	0.02	
			A0970524	315.0	316.5	0.315	0.013	2.5	2.5	0.03	
			A0970525	316.5	318.0	0.316	0.013	2.5	6	0.02	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970526	318.0	319.5	0.309	0.012	8	6	0.02	
			A0970528	319.5	321.0	0.311	0.013	2.5	9	0.03	
			A0970529	321.0	322.5	0.297	0.013	18	54	0.03	
			A0970530	322.5	324.0	0.287	0.013	7	128	0.04	
			A0970531	324.0	325.5	0.347	0.013	6	16	0.07	
			A0970532	325.5	327.0	0.309	0.014	5	16	0.05	
			A0970533	327.0	328.5	0.314	0.013	2.5	15	0.06	
			A0970534	328.5	330.0	0.297	0.015	2.5	13	0.06	
			A0970535	330.0	331.5	0.273	0.014	2.5	15	0.04	
			A0970536	331.5	333.0	0.307	0.015	8	22	0.05	
			A0970537	333.0	334.5	0.243	0.014	2.5	7	0.04	
			A0970538	334.5	336.0	0.243	0.013	2.5	2.5	0.03	
			A0970539	336.0	337.5	0.256	0.013	2.5	13	0.04	
			A0970540	337.5	339.0	0.248	0.013	10	14	0.03	
			A0970541	339.0	340.5	0.227	0.014	2.5	2.5	0.04	
			A0970543	340.5	342.0	0.24	0.014	2.5	2.5	0.03	
			A0970544	342.0	343.5	0.24	0.014	2.5	6	0.03	
			A0970545	343.5	345.0	0.225	0.012	2.5	8	0.02	
			A0970546	345.0	346.5	0.217	0.012	2.5	6	0.03	
			A0970547	346.5	348.0	0.207	0.012	2.5	2.5	0.01	
			A0970548	348.0	349.5	0.216	0.012	2.5	9	0.02	
			A0970549	349.5	351.0	0.228	0.014	2.5	10	0.005	
			A0970550	351.0	352.5	0.224	0.014	6	11	0.02	
			A0970551	352.5	354.0	0.228	0.013	2.5	8	0.02	
			A0970552	354.0	355.5	0.225	0.014	2.5	7	0.01	
			A0970553	355.5	357.0	0.223	0.012	2.5	6	0.02	
			A0970555	357.0	358.5	0.206	0.014	2.5	2.5	0.01	
			A0970556	358.5	360.0	0.191	0.014	2.5	2.5	0.005	
			A0970557	360.0	361.5	0.209	0.014	2.5	2.5	0.02	
			A0970558	361.5	363.0	0.227	0.014	2.5	2.5	0.02	
			A0970559	363.0	364.5	0.207	0.013	2.5	2.5	0.005	
			A0970560	364.5	366.0	0.216	0.014	9	6	0.01	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970561	366.0	367.5	0.212	0.013	2.5	8	0.02	
			A0970562	367.5	369.0	0.211	0.014	2.5	9	0.01	
			A0970564	369.0	370.5	0.215	0.014	2.5	2.5	0.01	
			A0970565	370.5	372.0	0.207	0.013	22	8	0.01	
			A0970566	372.0	373.5	0.212	0.013	5	6	0.02	
			A0970567	373.5	375.0	0.213	0.013	2.5	6	0.02	
			A0970568	375.0	376.5	0.221	0.013	9	7	0.02	
			A0970569	376.5	378.0	0.215	0.014	6	6	0.02	
			A0970570	378.0	379.5	0.221	0.014	2.5	2.5	0.02	
			A0970571	379.5	381.0	0.223	0.014	2.5	2.5	0.01	
			A0970572	381.0	382.5	0.228	0.014	2.5	2.5	0.02	
			A0970573	382.5	384.0	0.231	0.013	6	2.5	0.03	
			A0970574	384.0	385.5	0.22	0.013	2.5	2.5	0.03	
			A0970575	385.5	387.0	0.213	0.013	2.5	2.5	0.03	
			A0970577	387.0	388.5	0.192	0.013	2.5	2.5	0.04	
			A0970578	388.5	390.0	0.185	0.013	2.5	2.5	0.02	
			A0970579	390.0	391.5	0.136	0.014	2.5	2.5	0.005	
			A0970580	391.5	393.0	0.103	0.013	2.5	2.5	0.005	
			A0970581	393.0	394.5	0.136	0.013	2.5	2.5	0.01	
			A0970582	394.5	396.0	0.182	0.014	5	2.5	0.02	
			A0970583	396.0	397.5	0.183	0.013	5	2.5	0.03	
			A0970584	397.5	399.0	0.176	0.015	6	2.5	0.02	
			A0970585	399.0	400.5	0.187	0.014	2.5	2.5	0.02	
			A0970587	400.5	402.0	0.195	0.013	2.5	2.5	0.04	
			A0970588	402.0	403.5	0.188	0.013	14	6	0.03	
			A0970589	403.5	405.0	0.166	0.014	27	41	0.07	
			A0970590	405.0	406.5	0.159	0.014	2.5	2.5	0.01	
			A0970591	406.5	408.0	0.184	0.012	2.5	2.5	0.02	
			A0970592	408.0	409.5	0.198	0.012	2.5	2.5	0.03	
			A0970593	409.5	411.0	0.178	0.014	5	6	0.03	
			A0970594	411.0	412.5	0.191	0.012	2.5	2.5	0.03	
			A0970595	412.5	414.0	0.185	0.012	2.5	2.5	0.02	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970596	414.0	415.5	0.19	0.013	2.5	2.5	0.02	
			A0970597	415.5	417.0	0.201	0.014	2.5	2.5	0.03	
			A0970599	417.0	418.5	0.193	0.013	2.5	2.5	0.04	
			A0970600	418.5	420.0	0.194	0.013	2.5	2.5	0.03	
			A0970601	420.0	421.5	0.194	0.013	2.5	2.5	0.04	
			A0970602	421.5	423.0	0.193	0.014	2.5	2.5	0.03	
			A0970603	423.0	424.5	0.207	0.014	2.5	2.5	0.03	
			A0970604	424.5	426.0	0.194	0.013	5	2.5	0.03	
			A0970605	426.0	427.5	0.173	0.015	2.5	2.5	0.02	
			A0970606	427.5	429.0	0.187	0.013	2.5	2.5	0.04	
			A0970607	429.0	430.5	0.182	0.012	2.5	2.5	0.03	
			A0970608	430.5	432.0	0.202	0.013	10	2.5	0.03	
			A0970609	432.0	433.5	0.196	0.014	13	2.5	0.03	
			A0970610	433.5	435.0	0.204	0.014	9	2.5	0.04	
			A0970611	435.0	436.5	0.172	0.013	2.5	10	0.03	
			A0970612	436.5	438.0	0.185	0.014	5	2.5	0.02	
			A0970614	438.0	439.5	0.198	0.012	2.5	2.5	0.03	
			A0970615	439.5	441.0	0.195	0.013	2.5	2.5	0.03	
			A0970616	441.0	442.5	0.211	0.013	2.5	2.5	0.03	
			A0970617	442.5	444.0	0.21	0.013	2.5	2.5	0.04	
			A0970618	444.0	445.5	0.193	0.012	2.5	2.5	0.05	
			A0970619	445.5	447.0	0.2	0.014	2.5	2.5	0.04	
			A0970620	447.0	448.5	0.198	0.014	9	7	0.04	
			A0970621	448.5	450.0	0.21	0.013	6	2.5	0.04	
			A0970622	450.0	451.5	0.197	0.014	2.5	2.5	0.03	
			A0970623	451.5	453.0	0.199	0.014	2.5	2.5	0.04	
			A0970625	453.0	454.5	0.215	0.013	2.5	2.5	0.04	
			A0970626	454.5	456.0	0.198	0.013	2.5	2.5	0.04	
			A0970627	456.0	457.5	0.194	0.014	2.5	2.5	0.03	
			A0970628	457.5	459.0	0.202	0.014	2.5	2.5	0.03	
			A0970629	459.0	460.5	0.186	0.014	2.5	2.5	0.03	
			A0970630	460.5	462.0	0.183	0.014	2.5	2.5	0.05	

Project: Crawford Nickel **Hole Number:** CR19-31

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970631	462.0	463.5	0.176	0.015	2.5	2.5	0.03	
			A0970632	463.5	465.0	0.182	0.013	2.5	2.5	0.03	
			A0970634	465.0	466.5	0.186	0.014	2.5	2.5	0.03	
			A0970635	466.5	468.0	0.224	0.013	2.5	2.5	0.04	
			A0970636	468.0	469.5	0.214	0.013	2.5	2.5	0.03	
			A0970637	469.5	471.0	0.223	0.014	2.5	2.5	0.03	
			A0970638	471.0	472.5	0.213	0.014	2.5	2.5	0.05	
			A0970639	472.5	474.0	0.216	0.012	2.5	2.5	0.04	
			A0970640	474.0	475.5	0.196	0.014	2.5	2.5	0.03	
			A0970641	475.5	477.0	0.184	0.014	2.5	2.5	0.04	
			A0970642	477.0	478.5	0.185	0.015	2.5	2.5	0.03	
			A0970643	478.5	480.0	0.191	0.014	2.5	2.5	0.04	
			A0970645	480.0	481.5	0.157	0.014	2.5	2.5	0.01	
			A0970646	481.5	483.0	0.159	0.014	2.5	2.5	0.02	
			A0970647	483.0	484.5	0.153	0.014	2.5	2.5	0.005	
			A0970648	484.5	486.0	0.173	0.014	2.5	2.5	0.02	
			A0970649	486.0	487.5	0.164	0.014	6	2.5	0.02	
			A0970650	487.5	489.0	0.158	0.013	2.5	2.5	0.01	
			A0970651	489.0	490.5	0.16	0.014	37	11	0.005	
			A0970652	490.5	492.0	0.179	0.013	13	46	0.03	
			A0970653	492.0	493.5	0.161	0.014	2.5	6	0.02	
			A0970654	493.5	495.0	0.156	0.014	2.5	2.5	0.01	
			A0970655	495.0	496.5	0.147	0.014	2.5	2.5	0.01	
			A0970656	496.5	498.0	0.15	0.015	2.5	2.5	0.005	
			A0970658	498.0	499.5	0.145	0.014	2.5	2.5	0.005	
			A0970659	499.5	501.0	0.144	0.015	6	11	0.005	
			A0970660	501.0	502.5	0.142	0.014	2.5	2.5	0.01	
			A0970661	502.5	504.0	0.138	0.016	2.5	2.5	0.005	
			A0970662	504.0	505.5	0.125	0.015	2.5	54	0.005	
			A0970663	505.5	507.0	0.119	0.015	8	28	0.005	
			A0970664	507.0	508.5	0.104	0.015	9	2.5	0.005	
508.5	**526.5**	**UP1, Peridotite**	A0970665	508.5	510.0	0.098	0.016	2.5	2.5	0.005	
grades from above into black spotted white-green, fg, moderately serpentinized,											

Project: Crawford Nickel **Hole Number:** CR19-31

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		mesocumulate, pervasively magnetic, peridotite 60% anhedral to subhedral ol, 30% intercumulus and cumulate px, ~10% mt.+sr carbonitization is weak ff stringers of cb <1% serpentinization is pervasive moderate to moderately weak, ff emerald green stringers/veinlets and disseminated intercumulus sr cys. occurs as wispy ff stringers ~1-2% overall for the unit mt. is generally ff stringers and intercumulus disseminated 1-3% up to 6-7% locally Ni min = trace-minor disseminated vf pn+hz and locally trace aw. 519-526.5 patches of intensely sheared zones in the form of stringers/veinlets of cb+sr+mt, right hand offsets of up to 2cm pred. 3mm becomes more intense towards lower contact with pyroxenite lineations and shearing oriented @ 40-60 deg tca some are chaotic/wavy with no preferred orientations cumulate ol+px grains become coarser up to 2cm in diameter and becomes orthocumulate	A0970666	510.0	511.5	0.094	0.015	2.5	2.5	0.005	
			A0970667	511.5	513.0	0.092	0.014	2.5	2.5	0.005	
			A0970669	513.0	514.5	0.092	0.015	2.5	2.5	0.005	
			A0970670	514.5	516.0	0.087	0.014	2.5	2.5	0.005	
			A0970671	516.0	517.5	0.084	0.013	6	2.5	0.005	
			A0970672	517.5	519.0	0.08	0.014	7	2.5	0.005	
			A0970673	519.0	520.5	0.064	0.012	42	21	0.005	
			A0970674	520.5	522.0	0.046	0.011	126	153	0.005	
			A0970675	522.0	523.5	0.037	0.011	93	114	0.005	
			A0970676	523.5	525.0	0.048	0.013	234	200	0.005	
			A0970677	525.0	526.5	0.042	0.011	447	364	0.01	
526.5	**537**	**UP4, Pyroxenite** grades from above into dark grey-black to apple green irridescent massive to weakly porphyritic moderate to moderately weakly serpentinized, mg, non-magnetic, pyroxenite Ni min = trace-minor disseminated vf-f pn+hz+aw blebs of py+cpy also occur <1% 526.5-531 dark grey-black irredescent massive mg 531-537 grades from above into apple green porphyritic occasionally irridescent, fg-mg mg crystals are dark green-black anhedral-subhedral augite? Up to 1cm in diameter in an apple green fg matrix	A0970678	526.5	528.0	0.021	0.007	1250	1110	0.02	
			A0970679	528.0	529.5	0.035	0.008	142	59	0.25	
			A0970680	529.5	531.0	0.037	0.007	56	2.5	0.04	
			A0970681	531.0	532.5	0.029	0.006	15	2.5	0.03	
			A0970683	532.5	534.0	0.027	0.005	7	2.5	0.01	
			A0970684	534.0	535.5	0.029	0.005	5	2.5	0.02	
			A0970685	535.5	537.0	0.035	0.006	2.5	2.5	0.03	
537	**552**	**MP1, Gabbro** sharp contact w/ uppper unit @ 70 deg tca into white to apple green homogenous to locally mottled fg, non-magnetic leuco gabbro plag is sometimes concentrated into stringers/vnlts @ irregular orientations (e.g. @ 545.5, 550.9) ~60% plag + 40% apple green px diopside? Ni min =- nil-trace vf disseminated pn+hz trace vf disseminated py	A0970686	537.0	538.5	0.018	0.004	2.5	2.5	0.005	
			A0970687	538.5	540.0	0.017	0.004	2.5	2.5	0.005	
			A0970688	540.0	541.5	0.014	0.003	2.5	2.5	0.005	
			A0970689	541.5	543.0	0.014	0.004	2.5	2.5	0.005	
			A0970690	543.0	544.5	0.017	0.004	2.5	2.5	0.02	
			A0970692	544.5	546.0	0.014	0.004	2.5	2.5	0.005	
			A0970693	546.0	547.5	0.013	0.004	2.5	2.5	0.005	
			A0970694	547.5	549.0	0.012	0.004	2.5	2.5	0.005	
			A0970695	549.0	550.5	0.015	0.004	2.5	2.5	0.005	
			A0970696	550.5	552.0	0.015	0.004	2.5	2.5	0.005	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-33

Easting: 475101 **Length:** 549 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409623 **Azimuth:** 359.9 **Core Size:** NQ **Drilling Start:** Feb-29-2020 **Drilling**

Elevation: 275.5789 **Dip:** -50 **Logged By:** Karin Ostler **Completed:** Mar-11-2020

Tenure Number: PAT-49981

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**76.2**	**OVB, Overburden**									
76.2	**93**	**VM, Mafic Metavolcanics** Light med grey to greenish-grey, possible flow-top breccia. Clasts/fragments are angular and range in size from few mm to 5cm. There is a weak to moderate fabric to the clasts @ 45 deg TCA. Weak possible patchy bleaching and weak patchy sericite altn, some clasts are ser altered also. Unit is non-magnetic. 5-7% carb stgrs, mostly deformed, some fracture fill. Tr-0.5% fg diss py. Diffuse lower contact.									
93	**104.8**	**VM, Mafic Metavolcanics** Dark grey to black w/ patchy med green-grey, massive, non-magnetic, fg. Likely same unit as above. 5-10% qtz-carb stgrs up to 12cmTT @ 20-60 deg TCA, few carb stgrs and deformed and ff carb stgrs also. Broken core @ 103.2-103.3m Tr fg diss py. Broken lower contact.	B11128	97.3	98.8	0.006	0.002	2.5	2.5	0.02	
			B11129	98.8	100.3	0.01	0.003	2.5	2.5	0.03	
			B11130	100.3	101.8	0.009	0.003	2.5	2.5	0.03	
			B11131	101.8	102.8	0.043	0.005	2.5	2.5	0.01	
			B11132	102.8	104.0	0.008	0.003	2.5	2.5	0.01	
			B11133	104.0	104.8	0.008	0.003	2.5	2.5	0.005	
104.8	**190.6**	**UP4, Pyroxenite** Med to dark grey, fg-cg, massive pyroxenite. "Snowflake" texture. Non-magnetic @ 104.8-106.7m, where below unit is strongly magnetic. Weak to mod-weak pchy serp alt'n. 2% ff carb stgrs from 104.8-114m. 5-10% serp stgrs and ff for the remainder of the unit w/ minor chrysotile and magnetite. Moderate ~10% serp ff/stgrs @ 151m- w/ many fractures throughout at various angles and irregular, there is not fabric to fractures. Serp ranges from apple green to translucent to emerald green. Patchy moderate serp in wall rock. Competency of unit is poor with many interval of broken rock, rubble+/- gouge. Overall, pent is nil w/ local patchy trace values, where pent is ufg and diss. 1-3% magnetite generally diss w/ fracture/stgrs also. Gradational lower contact.	B11134	104.8	106.3	0.08	0.008	18	27	0.005	
			B11136	106.3	107.8	0.082	0.011	9	7	0.01	
			B11137	107.8	109.3	0.095	0.008	11	9	0.005	
			B11138	109.3	110.8	0.108	0.009	7	8	0.005	
			B11139	110.8	112.3	0.117	0.009	9	7	0.005	
			B11140	112.3	113.8	0.122	0.009	6	2.5	0.005	
			B11142	113.8	115.3	0.127	0.01	7	2.5	0.005	
			B11143	115.3	116.8	0.139	0.011	7	2.5	0.005	
			B11144	116.8	118.3	0.126	0.01	9	2.5	0.005	
			B11145	118.3	119.8	0.145	0.011	10	2.5	0.005	
			B11146	119.8	121.3	0.165	0.011	6	2.5	0.005	
			B11147	121.3	122.8	0.166	0.011	2.5	2.5	0.005	
			B11148	122.8	124.3	0.172	0.012	2.5	2.5	0.005	
			B11149	124.3	125.8	0.167	0.012	2.5	2.5	0.005	

Project: Crawford Nickel **Hole Number:** CR20-33

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11150	125.8	127.3	0.174	0.011	2.5	2.5	0.005	
			B11151	127.3	128.8	0.168	0.013	2.5	2.5	0.005	
			B11152	128.8	130.3	0.144	0.011	2.5	2.5	0.005	
			B11153	130.3	131.8	0.166	0.012	2.5	16	0.005	
			B11154	131.8	133.3	0.172	0.012	2.5	2.5	0.005	
			B11155	133.3	134.8	0.18	0.012	2.5	2.5	0.005	
			B11157	134.8	136.3	0.176	0.012	2.5	2.5	0.005	
			B11158	136.3	137.8	0.171	0.011	2.5	2.5	0.005	
			B11159	137.8	139.3	0.181	0.012	2.5	2.5	0.01	
			B11160	139.3	140.8	0.18	0.012	2.5	2.5	0.005	
			B11161	140.8	142.3	0.185	0.013	2.5	2.5	0.005	
			B11162	142.3	143.8	0.187	0.013	2.5	2.5	0.005	
			B11163	143.8	145.3	0.184	0.013	2.5	2.5	0.005	
			B11164	145.3	146.8	0.184	0.013	2.5	7	0.02	
			B11165	146.8	148.3	0.187	0.013	2.5	6	0.02	
			B11166	148.3	149.8	0.186	0.013	2.5	5	0.02	
			B11167	149.8	151.3	0.174	0.013	2.5	2.5	0.01	
			B11168	151.3	152.8	0.178	0.013	2.5	11	0.01	
			B11169	152.8	154.3	0.171	0.013	2.5	6	0.005	
			B11170	154.3	155.8	0.146	0.014	2.5	2.5	0.005	
			B11171	155.8	156.8	0.16	0.013	2.5	2.5	0.01	
			B11172	156.8	158.3	0.16	0.014	2.5	2.5	0.005	
			B11174	158.3	159.8	0.181	0.013	9	5	0.005	
			B11175	159.8	161.3	0.169	0.014	2.5	2.5	0.005	
			B11176	161.3	162.8	0.173	0.014	2.5	5	0.005	
			B11177	162.8	164.3	0.186	0.014	15	10	0.005	
			B11178	164.3	165.8	0.175	0.014	11	19	0.01	
			B11179	165.8	167.3	0.158	0.014	2.5	2.5	0.005	
			B11180	167.3	168.8	0.149	0.014	5	2.5	0.005	
			B11181	168.8	170.3	0.145	0.014	2.5	2.5	0.005	
			B11182	170.3	171.8	0.148	0.014	2.5	2.5	0.005	
			B11184	171.8	173.3	0.143	0.015	2.5	2.5	0.005	

Project: Crawford Nickel **Hole Number:** CR20-33

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11185	173.3	174.8	0.143	0.014	2.5	2.5	0.005	
			B11186	174.8	176.3	0.149	0.013	2.5	2.5	0.005	
			B11187	176.3	177.8	0.147	0.013	2.5	5	0.005	
			B11188	177.8	179.3	0.145	0.014	2.5	2.5	0.03	
			B11189	179.3	180.8	0.144	0.014	2.5	6	0.005	
			B11190	180.8	182.3	0.138	0.015	2.5	2.5	0.005	
			B11191	182.3	183.8	0.139	0.015	2.5	2.5	0.005	
			B11193	183.8	185.3	0.149	0.013	2.5	2.5	0.005	
			B11194	185.3	186.8	0.159	0.014	2.5	2.5	0.005	
			B11195	186.8	188.3	0.166	0.013	2.5	2.5	0.005	
			B11196	188.3	189.8	0.175	0.014	2.5	2.5	0.01	
			B11197	189.8	190.6	0.186	0.014	2.5	2.5	0.005	
190.6	**212.6**	**UP1, Peridotite**	B11198	190.6	192.1	0.201	0.014	2.5	2.5	0.005	
Med to very dark grey to med-dark patchy green, massive w/ local cumulate textures, fg-mg, strongly magnetic peridotite. Stronger cumulate textures @~212m. Unit is locally patchy orthocumulate. Mod to mod-strong ser alt'n- apple green stgrs and ff, patchy ser alt'n. ~5% serp stgrs + chrys. Many tiny ff chrys stgrs. Stgrs are up to a few mm thick @ 20-70 deg TCA w/ many irreg angles. Pent/hazel mineralisation ranges from nil to 1-3%, ufg diss. 1-3% magnetite instrstitial and stgrs/ff. Competency of rock is weaker proximal to upper contact. Local patchy mod-strong bx. Cumulate textures and olivine increase towards lower contact. Lower contact of unit is arbitrary.			B11199	192.1	193.6	0.199	0.013	2.5	5	0.005	
			B11200	193.6	195.1	0.323	0.013	5	17	0.04	
			B11201	195.1	196.6	0.225	0.012	2.5	2.5	0.02	
			B11202	196.6	198.1	0.237	0.013	2.5	2.5	0.02	
			B11203	198.1	199.6	0.238	0.013	2.5	2.5	0.02	
			B11204	199.6	201.1	0.241	0.013	5	8	0.03	
			B11205	201.1	202.6	0.242	0.013	5	2.5	0.02	
			B11206	202.6	204.1	0.235	0.012	2.5	2.5	0.02	
			B11207	204.1	205.6	0.232	0.012	6	2.5	0.02	
			B11208	205.6	207.1	0.267	0.011	7	6	0.04	
			B11209	207.1	208.6	0.261	0.011	6	2.5	0.04	
			B11211	208.6	210.1	0.245	0.013	2.5	2.5	0.02	
			B11212	210.1	211.6	0.247	0.013	2.5	2.5	0.04	
			212.6		**41**	**4.8**	**UP2, Dunite**				

Dark grey to black to med-dark patchy green, massive, overall adcumulate w/ local patchy weak cumulate textures, strongly magnetic dunite. Unit may be intercalated w/ minor peridotite. Mod-strong to strong to very strong patchy/pervasive serp altn. 10-15% serp ff/stgrs w/ chrys +/-mag, talc up to 2cm TT @ 0-70 deg TCA. Serp is mostly dark green to apple green w/ some translucent and emerald green. Many tiny microfract chrys mainly @ various angles w/ local 60 deg TCA @ 265.9m. Unit has a gradational lower contact.	B11213	211.6	213.1	0.237	0.012	2.5	2.5	0.02
	B11213	211.6	213.1	0.237	0.012	2.5	2.5	0.02
	B11214	213.1	214.5	0.241	0.012	5	5	0.02
	B11215	214.5	215.4	0.216	0.012	2.5	2.5	0.02
	B11216	215.4	216.9	0.31	0.014	2.5	2.5	0.04
	B11218	216.9	218.4	0.244	0.013	2.5	2.5	0.005

Project: Crawford Nickel **Hole Number:** CR20-33

From	To	Lithology
		Below353m, adcumulate texture is intercalated w/ patchy more crystalline texture (~30%). Mineralisation is still consistent; but is finer grained in the more crystalline patches.
		Tr to 1-3% pent/hazel ufg diss to 265m, where from 265-384m, Pent/Hz is consistently 1-3% w/ up to 3% locally, min becomes more patchy from 384-414.8m generally 0.5% vfg diss, but up to 1-3% very locally. From 292m, where there are very strong patches of serp alt'n, Ni mineralisation is more fg-mg and up to 3% locally. 1-3% inst/diss magnetite w/ up to 5% magnetite in stgrs/veinlets. Blebby Pent/aw @ 345.05m. Cg blebby pent/aw @ 351.2-351.4m; up to 1-2cm in size w/ 5% magnetite. Blebby Native Cu observed in carb/serp stgrs/veins @ 392.84m and 398.75m.
		Mod fault @ 213.0-213.2m w/ gouge &chrys @ 55 deg TCA; large strong fault @ 214.5-215.3, w/ 40% gouge + chrys+serp w/ uct @ 30 deg TCA, and wall rock is brecc prox to fault; moderate minor fault @ 218.4-218.5m w/ rubble, gouge, and chrys, weak fault @ 265.7-265.8 w/ chrys + gouge. Overall unit is fairly competent. Unit is more fractured @ 380- 414.8m, w/ stronger patches of serp filled fractures.
		Annealed fault zone @ 362.4-363.7m w/ 10-20cm of gouge/serpentine @ upper (55 deg TCA) and lower (50 deg TCA) contacts. Unit between cts is extremely fractured and very strongly serp altered. Possible anneales fault @ 389.1-390.3m w/ sharp uct @ 45 deg TCA and lct @ 50 deg TCA. No gouge, but is very strongly serpentenised, soft, and fractured.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
B11219	218.4	219.9	0.245	0.012	2.5	2.5	0.01	
B11220	219.9	221.4	0.241	0.012	2.5	2.5	0.03	
B11221	221.4	222.9	0.248	0.014	2.5	2.5	0.01	
B11222	222.9	224.4	0.242	0.013	2.5	2.5	0.01	
B11223	224.4	225.9	0.253	0.014	2.5	2.5	0.005	
B11224	225.9	227.4	0.27	0.015	2.5	2.5	0.02	
B11225	227.4	228.9	0.265	0.013	2.5	2.5	0.02	
B11227	228.9	230.4	0.275	0.014	2.5	2.5	0.02	
B11228	230.4	231.9	0.276	0.012	2.5	2.5	0.03	
B11229	231.9	233.4	0.258	0.012	2.5	2.5	0.02	
B11230	233.4	234.9	0.25	0.012	2.5	2.5	0.01	
B11231	234.9	236.4	0.256	0.013	2.5	2.5	0.005	
B11232	236.4	237.9	0.275	0.014	2.5	2.5	0.02	
B11233	237.9	239.4	0.27	0.013	2.5	2.5	0.02	
B11234	239.4	240.9	0.269	0.014	2.5	2.5	0.02	
B11235	240.9	242.4	0.264	0.013	2.5	2.5	0.03	
B11236	242.4	243.9	0.268	0.012	2.5	2.5	0.02	
B11237	243.9	245.4	0.281	0.013	2.5	2.5	0.02	
B11238	245.4	246.9	0.26	0.013	2.5	2.5	0.01	
B11239	246.9	248.4	0.272	0.014	2.5	2.5	0.02	
B11240	248.4	249.9	0.292	0.013	2.5	2.5	0.01	
B11241	249.9	251.4	0.272	0.012	2.5	2.5	0.03	
B11243	251.4	252.9	0.272	0.013	2.5	2.5	0.02	
B11244	252.9	254.4	0.273	0.012	2.5	2.5	0.02	
B11245	254.4	255.9	0.274	0.013	2.5	2.5	0.03	
B11246	255.9	257.4	0.277	0.012	2.5	2.5	0.01	
B11247	257.4	258.9	0.27	0.012	2.5	2.5	0.02	
B11249	258.9	260.4	0.287	0.012	2.5	2.5	0.02	

B11250	260.4	261.9	0.276	0.012	2.5	2.5	0.03
B11251	261.9	263.4	0.269	0.012	2.5	2.5	0.02
B11252	263.4	264.9	0.291	0.013	2.5	2.5	0.03
B11253	264.9	266.4	0.292	0.013	2.5	2.5	0.02

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11254	266.4	267.9	0.281	0.013	2.5	2.5	0.02	
			B11255	267.9	269.4	0.286	0.013	2.5	2.5	0.02	
			B11256	269.4	270.9	0.277	0.012	2.5	2.5	0.01	
			B11258	270.9	272.4	0.298	0.011	2.5	2.5	0.03	
			B11259	272.4	273.9	0.313	0.013	2.5	2.5	0.03	
			B11260	273.9	275.4	0.292	0.013	2.5	2.5	0.005	
			B11261	275.4	276.9	0.282	0.013	2.5	2.5	0.02	
			B11262	276.9	278.4	0.281	0.013	2.5	2.5	0.02	
			B11263	278.4	279.9	0.277	0.014	2.5	2.5	0.01	
			B11264	279.9	281.4	0.33	0.011	2.5	11	0.05	
			B11265	281.4	282.9	0.436	0.012	15	25	0.09	
			B11266	282.9	284.4	0.308	0.013	2.5	6	0.04	
			B11267	284.4	285.9	0.292	0.013	2.5	2.5	0.03	
			B11268	285.9	287.4	0.29	0.012	2.5	2.5	0.03	
			B11269	287.4	288.9	0.29	0.013	2.5	2.5	0.02	
			B11270	288.9	290.4	0.281	0.013	2.5	2.5	0.03	
			B11271	290.4	291.9	0.27	0.012	2.5	2.5	0.02	
			B11272	291.9	293.4	0.27	0.011	2.5	2.5	0.02	
			B11273	293.4	294.9	0.28	0.012	2.5	2.5	0.02	
			B11274	294.9	296.4	0.3	0.012	2.5	2.5	0.04	
			B11276	296.4	297.9	0.283	0.012	2.5	2.5	0.02	
			B11277	297.9	299.4	0.281	0.012	2.5	2.5	0.02	
			B11278	299.4	300.9	0.273	0.013	2.5	2.5	0.03	
			B11279	300.9	302.4	0.269	0.012	2.5	2.5	0.03	
			B11280	302.4	303.9	0.269	0.011	2.5	2.5	0.02	
			B11281	303.9	305.4	0.285	0.012	2.5	2.5	0.03	
			B11282	305.4	306.9	0.283	0.012	2.5	2.5	0.04	
			B11283	306.9	308.4	0.288	0.012	2.5	2.5	0.03	
			B11284	308.4	309.9	0.282	0.012	2.5	2.5	0.02	
			B11285	309.9	311.4	0.293	0.013	2.5	2.5	0.03	
			B11286	311.4	312.9	0.291	0.012	2.5	2.5	0.04	
			B11287	312.9	314.4	0.277	0.012	2.5	2.5	0.02	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11289	314.4	315.9	0.278	0.012	13	2.5	0.04	
			B11290	315.9	317.4	0.316	0.012	2.5	6	0.05	
			B11291	317.4	318.9	0.3	0.011	6	2.5	0.05	
			B11292	318.9	320.4	0.301	0.012	2.5	2.5	0.05	
			B11293	320.4	321.9	0.296	0.012	2.5	2.5	0.05	
			B11294	321.9	323.4	0.303	0.012	2.5	2.5	0.03	
			B11295	323.4	324.9	0.301	0.012	14	2.5	0.04	
			B11296	324.9	326.4	0.335	0.012	20	17	0.06	
			B11297	326.4	327.9	0.374	0.013	40	13	0.07	
			B11298	327.9	329.4	0.375	0.012	143	18	0.08	
			B11299	329.4	330.9	0.393	0.013	262	33	0.1	
			B11300	330.9	332.4	0.435	0.013	434	232	0.11	
			B11301	332.4	333.9	0.417	0.013	39	1230	0.11	
			B11302	333.9	335.4	0.432	0.014	31	1090	0.12	
			B11303	335.4	336.9	0.411	0.013	9	22	0.11	
			B11304	336.9	338.4	0.373	0.014	2.5	19	0.11	
			B11305	338.4	339.9	0.319	0.014	6	15	0.08	
			B11306	339.9	341.4	0.3	0.014	2.5	11	0.07	
			B11307	341.4	342.9	0.366	0.014	8	19	0.12	
			B11308	342.9	344.4	0.329	0.014	10	22	0.09	
			B11309	344.4	345.9	0.342	0.014	10	33	0.1	
			B11310	345.9	347.4	0.3	0.013	2.5	16	0.08	
			B11311	347.4	348.9	0.327	0.013	2.5	15	0.09	
			B11312	348.9	350.4	0.305	0.012	2.5	18	0.08	
			B11313	350.4	351.9	0.405	0.018	15	42	0.12	
			B11314	351.9	353.4	0.364	0.016	7	22	0.11	
			B11316	353.4	354.9	0.41	0.018	9	24	0.14	
			B11317	354.9	356.4	0.351	0.016	10	26	0.11	
			B11318	356.4	357.9	0.398	0.017	10	27	0.12	
			B11319	357.9	359.4	0.397	0.017	7	23	0.13	
			B11321	359.4	360.9	0.413	0.019	8	30	0.13	
			B11322	360.9	362.4	0.338	0.017	2.5	25	0.1	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11323	362.4	363.9	0.268	0.013	2.5	7	0.08	
			B11324	363.9	365.4	0.268	0.012	2.5	5	0.07	
			B11325	365.4	366.9	0.275	0.013	2.5	6	0.07	
			B11326	366.9	368.4	0.281	0.013	2.5	2.5	0.08	
			B11327	368.4	369.9	0.257	0.013	2.5	2.5	0.07	
			B11329	369.9	371.4	0.237	0.013	2.5	2.5	0.05	
			B11330	371.4	372.9	0.27	0.012	7	11	0.06	
			B11331	372.9	374.4	0.278	0.013	2.5	2.5	0.07	
			B11332	374.4	375.9	0.287	0.013	2.5	2.5	0.07	
			B11333	375.9	377.4	0.254	0.012	2.5	2.5	0.09	
			B11334	377.4	378.9	0.292	0.013	2.5	2.5	0.06	
			B11335	378.9	380.4	0.257	0.012	2.5	2.5	0.06	
			B11336	380.4	381.9	0.266	0.013	2.5	2.5	0.06	
			B11337	381.9	383.4	0.243	0.012	2.5	2.5	0.05	
			B11338	383.4	384.9	0.265	0.013	2.5	2.5	0.06	
			B11339	384.9	386.4	0.26	0.013	2.5	2.5	0.05	
			B11340	386.4	387.9	0.277	0.013	2.5	2.5	0.06	
			B11341	387.9	389.4	0.276	0.015	2.5	2.5	0.05	
			B11342	389.4	390.9	0.26	0.012	2.5	2.5	0.05	
			B11344	390.9	392.4	0.271	0.01	2.5	2.5	0.05	
			B11345	392.4	393.9	0.224	0.01	2.5	2.5	0.04	
			B11346	393.9	395.4	0.233	0.01	2.5	2.5	0.05	
			B11347	395.4	396.9	0.228	0.011	2.5	2.5	0.05	
			B11348	396.9	398.4	0.231	0.013	2.5	2.5	0.04	
			B11349	398.4	399.9	0.198	0.012	9	12	0.04	
			B11350	399.9	401.4	0.218	0.012	2.5	2.5	0.05	
			B11351	401.4	402.9	0.226	0.013	2.5	7	0.06	
			B11353	402.9	404.4	0.214	0.013	2.5	2.5	0.05	
			B11354	404.4	405.9	0.223	0.014	2.5	2.5	0.05	
			B11355	405.9	407.4	0.215	0.014	2.5	2.5	0.05	
			B11356	407.4	408.9	0.195	0.013	2.5	2.5	0.04	
			B11357	408.9	410.4	0.215	0.014	2.5	2.5	0.04	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11358	410.4	411.9	0.181	0.011	2.5	2.5	0.04	
			B11359	411.9	413.4	0.186	0.014	2.5	2.5	0.04	
			B11360	413.4	414.9	0.189	0.013	2.5	2.5	0.05	
414.8	**453.2**	**UP1, Peridotite**	B11360	413.4	414.9	0.189	0.013	2.5	2.5	0.05	
Dark grey to grey-black, fg-mg, massive, strongly magnetic peridotite intercalated w/ ~30% dunite from 414.8-435.0m. Generally 0.5%-3% vfg-fg diss pent/hz, decreasing to Tr towards lower contact w/ underlying pyroxenite. 1-3% fg intetstitial and fg-mg blebby magneite. 5-10% serp+carb+chrys stgrs/veins up to 6cm TT @ 20-75 deg TCA. Many frac fill carb @ various angles throughout. Serp/carb/chrys stgrs/veinlets can be ribboned. Mod-mod-strong patchy/stgr serp alt'n. Mod carb alt'n, mainly fracture controlled w/ spotty alt'n @ 419-434.0m. Unit is mod-strongly competent and has a sharp, broken lower contact. Unit is also likely intercalated w/ minor pyroxenites towards lower contact.			B11361	414.9	416.4	0.203	0.015	2.5	2.5	0.06	
			B11362	416.4	417.9	0.152	0.012	2.5	2.5	0.03	
			B11364	417.9	419.4	0.178	0.013	2.5	2.5	0.04	
			B11365	419.4	420.9	0.18	0.012	2.5	2.5	0.03	
			B11366	420.9	422.4	0.202	0.014	2.5	2.5	0.05	
			B11367	422.4	423.9	0.184	0.012	2.5	2.5	0.08	
			B11368	423.9	425.4	0.193	0.014	2.5	2.5	0.05	
			B11369	425.4	426.9	0.198	0.014	9	2.5	0.06	
			B11370	426.9	428.4	0.182	0.014	18	11	0.05	
			B11371	428.4	429.9	0.167	0.012	11	12	0.04	
			B11372	429.9	431.4	0.171	0.012	2.5	2.5	0.04	
			B11373	431.4	432.9	0.19	0.014	7	6	0.07	
			B11374	432.9	434.4	0.198	0.015	2.5	6	0.08	
			B11375	434.4	435.9	0.164	0.013	5	7	0.04	
			B11376	435.9	437.4	0.177	0.014	6	11	0.05	
			B11377	437.4	438.9	0.143	0.012	19	23	0.02	
			B11378	438.9	440.4	0.161	0.013	17	18	0.05	
			B11379	440.4	441.9	0.164	0.014	19	21	0.03	
			B11380	441.9	443.4	0.15	0.013	6	6	0.03	
			B11382	443.4	444.9	0.147	0.013	2.5	2.5	0.07	
			B11383	444.9	446.4	0.153	0.015	21	16	0.03	
			B11384	446.4	447.9	0.152	0.015	5	13	0.02	
			B11385	447.9	449.4	0.144	0.015	10	11	0.005	
			B11386	449.4	450.9	0.069	0.013	12	2.5	0.01	

				B11387	450.9	452.4	0.054	0.014	27	23	0.005
				B11389	452.4	453.9	0.039	0.011	88	83	0.005
453.2	**467.6**	**UP4, Pyroxenite**		B11389	452.4	453.9	0.039	0.011	88	83	0.005
Medium-dark grey to grey-green, fg-mg, massive weakly patchy magnetic pyroxenite.The green sections of the unit are from 458.5-462.0m and				B11390	453.9	455.4	0.02	0.008	763	782	0.22

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		463.5-467.6m. Patchy weak magnetism (blebby magnetite) proximal to upper contact, non-magnetic through remainder of unit. Few carb fracture fill stgrs also prox to upper ct 40 deg TCA, overall ~ 2%. Weak to moderately-weak serp. Unit is moderate to strongly compentent. CG blebby cpy observed @ 462.0m. 0.5-3% pent/hz throughout, with higher min proximal to lower contact. Tr silver malleable streak observed prox to lct also. Sharp lct @ 50 deg TCA.	B11391	455.4	456.9	0.032	0.008	245	293	0.12	
			B11392	456.9	458.4	0.038	0.009	87	2.5	0.05	
			B11393	458.4	459.9	0.031	0.007	21	2.5	0.02	
			B11394	459.9	461.4	0.029	0.007	15	2.5	0.02	
			B11395	461.4	462.9	0.034	0.007	15	2.5	0.04	
			B11396	462.9	464.4	0.029	0.007	2.5	2.5	0.05	
			B11397	464.4	465.9	0.034	0.007	2.5	2.5	0.06	
			B11398	465.9	467.4	0.026	0.006	2.5	2.5	0.06	
			B11400	467.4	468.9	0.017	0.005	2.5	2.5	0.03	
467.6	**503.2**	**MP1, Gabbro**	B11400	467.4	468.9	0.017	0.005	2.5	2.5	0.03	
		Light-med grey-green-white, massive, non-magnetic, mg w/ local cg in mg matrix (porphyritic texture) Leucogabbro. Mottled appearance locally. Mnay fractire fills-likely chlorite(?). 3-5% irreg/flooding plag/qtz(?) stgrs/veining. Tr-0.5% Pent/Py/Po(?) min proximal to uct. Min generally occurs in tiny chloritic fractures or in plag/qtz stgrs/veining. Cpy observed @ 470.5m. Spotty patchy weak to moderately weak carb alt'n. Unit is mod-strongly competent. Diffuse lower contact.	B11401	468.9	470.4	0.015	0.005	2.5	2.5	0.01	
			B11402	470.4	471.9	0.02	0.005	2.5	2.5	0.02	
			B11403	471.9	473.4	0.014	0.006	2.5	2.5	0.01	
			B11404	473.4	474.9	0.013	0.005	2.5	2.5	0.01	
			B11405	474.9	476.4	0.013	0.004	2.5	2.5	0.005	
			B11406	476.4	477.9	0.015	0.005	2.5	2.5	0.01	
			B11407	477.9	479.4	0.013	0.005	2.5	2.5	0.03	
			B11408	479.4	480.9	0.021	0.004	2.5	2.5	0.04	
			B11409	480.9	482.4	0.015	0.005	2.5	2.5	0.02	
			B11410	482.4	483.9	0.013	0.004	2.5	2.5	0.06	
			B11411	483.9	485.4	0.013	0.004	2.5	2.5	0.03	
			B11412	485.4	486.9	0.013	0.004	2.5	2.5	0.02	
			B11413	486.9	488.4	0.013	0.005	2.5	2.5	0.01	
			B11414	488.4	489.9	0.012	0.005	2.5	2.5	0.04	
			B11415	489.9	491.4	0.015	0.004	2.5	2.5	0.02	
			B11416	491.4	492.9	0.014	0.004	2.5	2.5	0.02	
			B11418	492.9	494.4	0.025	0.005	2.5	2.5	0.03	

B11419	494.4	495.9	0.013	0.005	2.5	2.5	0.02
B11420	495.9	497.4	0.013	0.005	2.5	2.5	0.005
B11421	497.4	498.9	0.012	0.005	2.5	2.5	0.02
B11422	498.9	500.4	0.013	0.004	2.5	2.5	0.01
B11423	500.4	501.9	0.015	0.005	2.5	2.5	0.01

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11424	501.9	503.4	0.013	0.005	2.5	2.5	0.04	
503.2	**549**	**UP4, Pyroxenite**	B11424	501.9	503.4	0.013	0.005	2.5	2.5	0.04	
		Med to dark grey to med-light green to grey-green, patchy magnetic, talcose or carb altered ultramafic. Unit is moderately to strongly carb altered @ 503.2-504.1m; 508.5-510.9m; 523.5- 534m where it is typically light med green to medium green-grey, fg-mg, non-magnetic w/ up to 20-30% mainly irregular fracture fill carb stgrs; strong pervasive carb alt'n @534-549m, with significantly less ff carb stgrs-alt'n is more pervasive and spotty. Talcose units are from 504.1-508.5m; 510.9-523.5m; and 530.4-531.9m where unit is generally dark to very dark grey, fg-mg, weak to strongly magnetic w/ up to 15% mainly irreg talc stgrs w/ very minor serp.	B11425	503.4	504.9	0.027	0.006	2.5	2.5	0.02	
		Overall, unit is moderate to strongly competent to 530m where after it is weak-mod competent. Weak to mod fol'n @ 60 deg TCA @ 527.7-529.2m. Strong Fault @ 532.2-532.3m w/ uct @ 60 deg TCA w/ gouge, carb + talc/serp(?). Tr-0.5% fg diss py/po observed in both carb and talc altered units, but w/ higher concentrations in talcose unit. 0.5%-3% fg diss magnetite in talcose altered units. Very patchy tr pent/hz locally w/ 1-3% @ 530.4-531.9m. Unit is fg massive @ 533.8 and becomes more mg massive below.	B11426	504.9	506.4	0.058	0.012	53	39	0.05	
			B11428	506.4	507.9	0.044	0.011	47	30	0.02	
			B11429	507.9	509.4	0.031	0.008	71	47	0.11	
		From 534-549m, unit is more massive, non-magnetic mg and is med dark grey. This was originally logged as a gabbro, but it is very soft (chlorite/talc?), strong pervasive carb alt'n, w/ spotty carb alt'n. Does not appear to have the plag content to be gabbroic, therefore possibly a pyroxenite?	B11430	509.4	510.9	0.013	0.004	2.5	2.5	0.005	
			B11431	510.9	512.4	0.106	0.014	7	2.5	0.1	
			B11432	512.4	513.9	0.098	0.012	9	2.5	0.03	
			B11433	513.9	515.4	0.106	0.014	2.5	2.5	0.02	
			B11434	515.4	516.9	0.1	0.013	2.5	2.5	0.02	
			B11435	516.9	518.4	0.113	0.014	2.5	2.5	0.1	
			B11437	518.4	519.9	0.1	0.014	2.5	11	0.2	
			B11438	519.9	521.4	0.092	0.013	11	11	0.06	
			B11439	521.4	522.9	0.064	0.013	705	656	0.02	
			B11440	522.9	524.4	0.038	0.008	112	70	0.04	
			B11441	524.4	525.9	0.025	0.006	2.5	2.5	0.1	
			B11442	525.9	527.4	0.028	0.005	2.5	2.5	0.05	
			B11443	527.4	528.9	0.037	0.005	2.5	2.5	0.07	
			B11444	528.9	530.4	0.08	0.008	2.5	2.5	0.02	
			B11445	530.4	531.9	0.124	0.012	2.5	2.5	0.49	
			B11446	531.9	533.4	0.066	0.008	2.5	6	0.09	
			B11447	533.4	534.9	0.042	0.008	2.5	2.5	0.005	
			B11448	534.9	536.4	0.062	0.009	6	14	0.01	
			B11449	536.4	537.9	0.055	0.008	2.5	8	0.005	
			B11450	537.9	539.4	0.059	0.008	2.5	5	0.005	
			B11451	539.4	540.9	0.097	0.008	2.5	8	0.02	
			B11453	540.9	542.4	0.073	0.008	2.5	7	0.02	

B11454	542.4	543.9	0.062	0.008	2.5	8	0.03
B11455	543.9	545.4	0.058	0.009	2.5	2.5	0.005
B11456	545.4	546.9	0.075	0.009	2.5	5	0.03
B11458	546.9	548.0	0.039	0.007	2.5	2.5	0.005

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-33

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11459	548.0	549.0	0.046	0.007	2.5	2.5	0.01	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-34

Easting: 473703 **Length:** 630 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409671 **Azimuth:** 360 **Core Size:** NQ **Drilling Start:** Mar-13-2020 **Drilling**

Elevation: 277.6181 **Dip:** -50 **Logged By:** Jennifer Gignac **Completed:** Mar-22-2020

Tenure Number: PAT-49959

Comments:

From	To	Lithology
0	56.1	**OVB, Overburden**
56.1	141.5	**VI, Intermediate Metavolcanics** Intermediate volcanics. Grey. Vfg siliceous matrix with mg- to very cg (cm-scale) rounded to angular fragments of similar sourced volcanic material scattered throughout giving it a brecciated/fragmental appearance. Moderate silica and sericite alteration. Weak interstitial calcite- ready reaction to HCL. Vuggy and blocky to ~66m with minor limonite staining on open frcs. ~3% blackish chlorite-calcite hairline fr. <1% qz-ca stngrs and veins up to 3m at variable angles. Tr vfg to locally mg ff PY PO and CPY. Non-magnetic. Sharp LC at 40dtca.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
B18001	56.1	57.0	0.008	0.003	2.5	2.5	0.005	
B18002	57.0	58.5	0.0025	0.002	2.5	2.5	0.005	
B18003	58.5	60.0	0.0025	0.003	2.5	2.5	0.02	
B18004	60.0	61.5	0.0025	0.012	2.5	2.5	0.64	
B18005	61.5	63.0	0.0025	0.005	2.5	2.5	0.29	
B18006	63.0	64.5	0.0025	0.005	2.5	2.5	0.05	
B18007	64.5	66.0	0.0025	0.005	2.5	2.5	0.04	
B18008	66.0	67.5	0.0025	0.003	2.5	2.5	0.04	
B18009	67.5	69.0	0.0025	0.003	2.5	2.5	0.06	
B18011	69.0	70.5	0.0025	0.003	2.5	2.5	0.06	
B18012	70.5	72.0	0.0025	0.005	2.5	2.5	0.19	
B18013	72.0	73.5	0.0025	0.004	2.5	2.5	0.15	
B18014	73.5	75.0	0.0025	0.003	2.5	2.5	0.05	
B18015	75.0	76.5	0.0025	0.004	2.5	2.5	0.07	
B18016	76.5	78.0	0.007	0.004	2.5	2.5	0.07	
B18017	78.0	79.5	0.0025	0.004	2.5	2.5	0.09	
B18018	79.5	81.0	0.0025	0.003	2.5	2.5	0.13	
B18019	81.0	82.5	0.0025	0.003	2.5	2.5	0.12	
B18021	82.5	84.0	0.0025	0.004	2.5	2.5	0.14	
B18022	84.0	85.5	0.0025	0.003	2.5	2.5	0.15	
B18023	85.5	87.0	0.0025	0.003	2.5	2.5	0.14	
B18024	87.0	88.5	0.005	0.003	2.5	2.5	0.02	
B18025	88.5	90.0	0.0025	0.002	2.5	2.5	0.12	
B18026	90.0	91.5	0.0025	0.003	2.5	2.5	0.18	

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B18027	91.5	93.0	0.0025	0.004	2.5	2.5	0.29	
			B18028	93.0	94.5	0.0025	0.002	2.5	2.5	0.13	
			B18029	94.5	96.0	0.0025	0.004	2.5	2.5	0.09	
			B18031	96.0	97.5	0.0025	0.006	2.5	2.5	0.14	
			B18032	97.5	99.0	0.0025	0.005	2.5	2.5	0.1	
			B18033	99.0	100.5	0.018	0.003	2.5	2.5	0.06	
			B18034	100.5	102.0	0.036	0.003	2.5	2.5	0.07	
			B18035	102.0	103.5	0.0025	0.003	2.5	2.5	0.005	
			B18036	103.5	105.0	0.0025	0.002	2.5	2.5	0.005	
			B18037	105.0	106.5	0.0025	0.002	2.5	2.5	0.03	
			B18038	106.5	108.0	0.0025	0.001	2.5	2.5	0.02	
			B18039	108.0	109.5	0.0025	0.001	2.5	2.5	0.1	
			B18041	109.5	111.0	0.0025	0.002	2.5	2.5	0.02	
			B18042	111.0	112.5	0.0025	0.002	2.5	2.5	0.005	
			B18043	112.5	114.0	0.0025	0.002	2.5	2.5	0.02	
			B18044	114.0	115.5	0.0025	0.001	2.5	2.5	0.005	
			B18045	115.5	117.0	0.0025	0.001	2.5	2.5	0.02	
			B18046	117.0	118.5	0.0025	0.001	2.5	2.5	0.02	
			B18047	118.5	120.0	0.0025	0.001	2.5	2.5	0.005	
			B18048	120.0	121.5	0.0025	0.001	2.5	2.5	0.04	
			B18049	121.5	123.0	0.0025	0.001	2.5	2.5	0.07	
			B18051	123.0	124.5	0.0025	0.001	2.5	2.5	0.005	
			B18052	124.5	126.0	0.0025	0.001	2.5	2.5	0.005	
			B18053	126.0	127.5	0.0025	0.001	2.5	2.5	0.005	
			B18054	127.5	129.0	0.0025	0.001	2.5	2.5	0.01	
			B18055	129.0	130.5	0.0025	0.001	2.5	2.5	0.005	
			B18056	130.5	132.0	0.0025	0.001	2.5	2.5	0.03	
			B18057	132.0	133.5	0.0025	0.001	2.5	2.5	0.005	
			B18058	133.5	135.0	0.0025	0.001	2.5	15	0.01	
			B18059	135.0	136.5	0.009	0.001	2.5	14	0.03	
			B18061	136.5	138.0	0.0025	0.001	2.5	2.5	0.01	
			B18062	138.0	139.5	0.007	0.001	2.5	7	0.005	

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B18063	139.5	141.0	0.009	0.001	2.5	8	0.005	
			B18064	141.0	142.5	0.065	0.007	6	7	0.38	
141.5	**142.8**	**MP, Mafic Intrusive**	B18064	141.0	142.5	0.065	0.007	6	7	0.38	
Sheared ultramafic dyke. Olive grn. Vfg-fg. Strong calcite-ankerite-sericite alteration. Upper portion of unit is massive then becomes strongly sheared and weakly brecciated along foliation at ~50dtca. ~10% qz-ca strgrs up to 3cm along foliation- more limited to lower ctc. Tr vfg diss PY. Sharp wavy LC at ~50dtca.			B18065	142.5	144.0	0.021	0.003	2.5	2.5	0.04	
142.8	**192**	**VI, Intermediate Metavolcanics**	B11790	154.5	156.0	0.0025	0.001	2.5	2.5	0.02	
Light to dark grey to black, fg-mg, massive to brecciated, non-magnetic intermediate mafic volcanics. Light to medium grey zones are strongly pervasively silicified, mod patchy ser/ank altered + chlorite and carb frac fill. These zones are locally brecciated possibly indicating flow top bx. The intercalated dark gey to black zones are fg-mg, massive w/ carbonate frac fills- numerous tiny erratic microfrac locally. These darker zones may be more basaltic komatiite in composition. Unit is strongly altered proximal to lower contact w/ strong bleaching, patchy moderate Fuch and feldspathic alteration. ~10% k-spar veining from 189-192m. Overall, this unit is comprised of 2-3% qtz & qtz+ carb stgrs up to 3cm TT @ variable angles (0-50 deg TCA). Unit is moderate to strongly competent and has a broken sharp lower contact. Tr py, po observed locally.			B11791	156.0	157.5	0.017	0.004	2.5	2.5	0.15	
			B11792	157.5	159.0	0.032	0.004	2.5	2.5	0.09	
			B11793	159.0	160.5	0.012	0.001	2.5	2.5	0.09	
			B11794	160.5	162.0	0.011	0.001	2.5	2.5	0.03	
			B11795	162.0	163.5	0.007	0.001	2.5	2.5	0.01	
			B11796	163.5	165.0	0.009	0.001	2.5	2.5	0.01	
			B11797	165.0	166.5	0.006	0.001	2.5	2.5	0.02	
			B11798	166.5	168.0	0.0025	0.001	2.5	2.5	0.01	
			B11799	168.0	169.5	0.046	0.003	2.5	2.5	0.005	
			B11800	169.5	171.0	0.018	0.003	2.5	2.5	0.04	
			B11801	171.0	172.5	0.011	0.002	2.5	2.5	0.02	
			B11803	172.5	174.0	0.006	0.001	2.5	2.5	0.005	
			B11804	174.0	175.5	0.0025	0.001	2.5	2.5	0.005	
			B11805	175.5	177.0	0.005	0.001	2.5	2.5	0.01	
			B11806	177.0	178.5	0.0025	0.001	2.5	2.5	0.01	
			B11807	178.5	180.0	0.0025	0.001	2.5	2.5	0.005	
			B11808	180.0	181.5	0.0025	0.001	2.5	2.5	0.005	
			B11809	181.5	183.0	0.0025	0.001	2.5	2.5	0.005	
			B11810	183.0	184.5	0.0025	0.001	2.5	2.5	0.005	
			B11811	184.5	186.0	0.0025	0.001	2.5	2.5	0.005	
			B11813	186.0	187.5	0.0025	0.001	2.5	2.5	0.005	
			B11814	187.5	189.0	0.0025	0.001	2.5	2.5	0.005	

B11815	189.0	190.5	0.0025	0.001	2.5	2.5	0.005
B11817	190.5	192.0	0.052	0.004	2.5	2.5	0.005
B18065	142.5	144.0	0.021	0.003	2.5	2.5	0.04
B18066	144.0	145.5	0.008	0.001	2.5	2.5	0.03

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B18067	145.5	147.0	0.009	0.001	2.5	2.5	0.02	
			B18068	147.0	148.5	0.007	0.001	2.5	2.5	0.005	
			B18069	148.5	150.0	0.007	0.001	2.5	2.5	0.03	
			B18070	150.0	151.5	0.006	0.001	2.5	2.5	0.03	
			B18071	151.5	153.0	0.009	0.001	2.5	2.5	0.02	
			B18072	153.0	154.5	0.009	0.001	2.5	2.5	0.005	
192	**235.5**	**UP2, Dunite** Black to dark brown/green grey, fg-mg, strongly magnetic, massive dunite. Unit is intercalated w/ orthocumulate peridotite from 192~212m, where below unit is an adcumulate dunite. Weak to moderate patchy serp alt'n to ~205m then mod-strong patchy fract controlled serp alt'n to 225m. Strong serp alt'n @ 225-. ~2% Serp stgrs/ff up to 0.5cm TT ranging from apple green to light green to very dark green to blue @ various agles (20-60 deg TCA. Local patchy chrys microfrac @ ~35 deg TCA. 5-7% serp + mag +/- chrys/talc @ 205-235.5m up to 1cm TT @ various angles (0-40 deg TCA,many irreg. Local chrys mf @ 30 deg TCA. Tr- 0.5-1% very fg diss Pn/Hz. 1-3% inst diss/stgr Mag. Unit has a lower contact @ 60 deg TCA w/ a Fault. Coe is moderately competent. Weak-mod fault @ 193.3-193.7m w/ broken core and gouge- broken contacts Gouge @ 193.9-194m- broken contacts Broken core w/ minor gouge @ 196.5-196.9m- broken contacts Broken core @ 199.3-199.5m Fault @ 221.7-222m w/ serp & gouge infill. Broken uct; lct @ 60 deg TCA.	B11818	192.0	193.5	0.201	0.014	7	2.5	0.01	
			B11819	193.5	195.0	0.214	0.014	7	2.5	0.03	
			B11820	195.0	196.5	0.209	0.014	2.5	2.5	0.02	
			B11821	196.5	198.0	0.222	0.013	5	5	0.03	
			B11822	198.0	199.5	0.229	0.012	12	2.5	0.03	
			B11823	199.5	201.0	0.229	0.013	8	2.5	0.03	
			B11824	201.0	202.5	0.236	0.013	2.5	2.5	0.03	
			B11825	202.5	204.0	0.235	0.013	2.5	2.5	0.04	
			B11826	204.0	205.5	0.232	0.013	2.5	2.5	0.03	
			B11827	205.5	207.0	0.235	0.013	6	7	0.03	
			B11828	207.0	208.5	0.232	0.013	2.5	2.5	0.02	
			B11829	208.5	210.0	0.228	0.013	2.5	2.5	0.02	
			B11830	210.0	211.5	0.227	0.013	2.5	2.5	0.03	
			B11831	211.5	213.0	0.233	0.013	2.5	6	0.03	
			B11832	213.0	214.5	0.248	0.013	2.5	2.5	0.03	
			B11834	214.5	216.0	0.247	0.014	2.5	2.5	0.02	
			B11835	216.0	217.5	0.241	0.013	2.5	2.5	0.02	
			B11836	217.5	219.0	0.238	0.013	2.5	2.5	0.005	
			B11837	219.0	220.5	0.243	0.013	2.5	2.5	0.02	
			B11838	220.5	222.0	0.251	0.014	2.5	2.5	0.02	
			B11839	222.0	223.5	0.241	0.013	2.5	2.5	0.02	
			B11840	223.5	225.0	0.236	0.012	2.5	2.5	0.02	

B11841	225.0	226.5	0.242	0.014	2.5	2.5	0.02
B11842	226.5	228.0	0.247	0.013	2.5	2.5	0.02
B11844	228.0	229.5	0.245	0.012	2.5	2.5	0.02
B11845	229.5	231.0	0.246	0.013	2.5	2.5	0.02

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11846	231.0	232.5	0.246	0.013	2.5	2.5	0.01	
			B11847	232.5	234.0	0.248	0.013	2.5	2.5	0.02	
			B11848	234.0	235.5	0.251	0.013	5	2.5	0.02	
235.5	**236**	**UP2, Dunite** Fault w/ Uct @ 60 deg TCA and Lct @ 70 deg TCA. Faultis comprised of ~ 85% gouge, 15% broken core w/ serpentine. Strongly magnetic. Tr Ni min. Very dark grey.	B11849	235.5	237.0	0.258	0.013	2.5	2.5	0.02	
236	**250.5**	**UP2, Dunite** Dark grey to med green-grey,mg, massive, strongly magnetic, adcumulate dunite. Mod-strong to strong serp alt'n: pervasive and fracture-controlled. Instit chrys observed @ 240.3m. 5-10% serp+chrys +/- talc + magnetite stgrs up to 1cm TT @ various angles (0-60 deg TCA), many irreg fracture fill. Serp is apple green to very dark green to blue in colour. Unit is comprised of Tr-0.5% very fine grained diss Pent/Hz and 1-3% instit/stgr magnetite. Unit is weakly competent. Unit has a broken lower contact. Unit is moderate to strongly fractured at various angles, mainly serp or chrys fract fill. Annealed fault @ 243.9-244.3m w/ uct @ 50 deg TCA and lct @ 60 deg TCA. Broken core @ 246.4-248.3m w/ ~85% BC and minor gouge Broken Core @ 250-250.5m.	B11849	235.5	237.0	0.258	0.013	2.5	2.5	0.02	
			B11850	237.0	238.5	0.274	0.014	2.5	2.5	0.03	
			B11851	238.5	240.0	0.274	0.013	2.5	2.5	0.03	
			B11852	240.0	241.5	0.272	0.013	2.5	2.5	0.03	
			B11854	241.5	243.0	0.275	0.012	2.5	2.5	0.02	
			B11855	243.0	244.5	0.28	0.013	2.5	2.5	0.05	
			B11856	244.5	246.0	0.284	0.013	2.5	2.5	0.02	
			B11857	246.0	247.5	0.313	0.012	2.5	2.5	0.04	
			B11858	247.5	249.0	0.264	0.013	2.5	2.5	0.03	
			B11859	249.0	250.5	0.268	0.013	2.5	2.5	0.03	
250.5	**251**	**LC, Lost Core** 0.5m Lost Core	Gouge-fault @ 253.7-253.8m w/ uct								
251	**255**	**UP2, Dunite** Similar to above unit. Med to dark grey, mg, strongly magnetic, poorly competent, adcumulate dunite. Mod-strong to strong fracture-controlled/pervasive ser alteration. ~10% serp+chrys stgrs up to 1.5cm TT @ 20-35 deg TCA. Serp is light green to apple green in colour. 0.5% very fg diss pent/hz and 1-3% instit/stgr magnetite. Numerous intervals of broken core in this unit. BC @ 251.8-252.3m; 253.1-253.2m; 254.3-254.4m	B11860			251.0	252.5				
			B11861	252.5	254.0	0.249	0.012	2.5	2.5	0.03	
			TCA B11862			254.0	255.0				
255	**256.5**	**LC, Lost Core** 1.5m of lost core									
256.5	**268.4**	**UP2, Dunite** Dark gey to black, mg, strongly magnetic, very poorly competent, adcumulate dunite. ~60% of this unit is broken, rubbly core w/ numerous faults and gouge. Gouge generally reacts w/ HCl. Unit is moderate to strongly fractured-mainly irreg w/ chrys and serp infill. Mod-strong to strong serp alt'n throughout. ~5-10% chrys+serp stgrs less than 1cm TT @ variable angles. Tr-0.5% very fg diss Pent/Hz and 1-3% instit/stgr mag. Unit has a broken lower contact. Annealed fault @ 259.9-262.1m w/ gouge, uct @ 30 deg TCA. Gouge-filled fault @ 262.3-262.5m w/ uct @ 10 deg TCA. Gouge-filled fault@ 262.6-263m w/ uct @ 20 deg TCA	B11863			256.5	258.0				
			B11864	258.0	259.5	0.263	0.013	2.5	2.5	0.02	
			B11865			259.5	261.0				
			B11866	261.0	262.5	0.245	0.01	2.5	2.5	0.005	
			B11867			262.5	264.0				
			B11868	264.0	265.5	0.277	0.011	2.5	2.5	0.005	
			B11869			265.5	267.0				

0.287	0.013	2.5	2.5	0.02
0.289	0.011	2.5	2.5	0.04
0.272	0.013	2.5	2.5	0.03
0.256	0.011	2.5	2.5	0.02
0.276	0.011	2.5	2.5	0.01
0.263	0.01	2.5	2.5	0.01

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
fault w/ gouge,serp, chrys @ 264.5-264.6m w/ uct @ 40 deg TCA Gouge @ 264.7-264.8m w/ uct @ 60 deg TCA Fault w/ gouge & rubbly core @ 265-265.5m w/ uct @ 25 deg TCA BC @ 258-258.2m; 258.7-258.9m; 260.7-261m; 261.7-262.1m; 253.3-253.4m; 266.3-266.7m			B11871	267.0	268.4	0.265	0.011	2.5	2.5	0.02	
268.4	**269.1**	**UP2, Dunite** This fault has broken upper and lower contacts. It is only comprised of light grey coloured gouge. No Ni mineralisation observed.Strongly carboante altered.	B11872	268.4	269.1	0.279	0.011	2.5	2.5	0.01	
269.1	**270**	**LC, Lost Core** 90cm of Lost Core									
270	**341.6**	**UP2, Dunite** dark grey, massive, mg, moderately competnet, strongly magneitc adcumulate dunite. Moderate to strong patchy fracture-controlled serp alt'n to 314m; mod-weak patchy serp alt'n to 326.3m; mod-strong pervasive serp to 333.3m; and strong perv serp alt'n to 341.6. Very local carb alt'n in faults w/ gouge. Unit is comprised of ~1-5% serp, chrys +/- mag, talc stgrs up to 2cm TT @ variable angles (0-50 deg TCA, many irreg)- Most stgrs are comprised of magnetite or chrys. Local chrys micro fract also observed throughout w/ a set observed @ 334.6-334.9 @ 30-45 deg TCA. ~2% carb (not calcite-does not react w/ HCl) stgrs up to 0.5cm TT @ various and irregular angles. Serp ranges from dark-light green to apple green to blue in colour. Unit iscomprised of Tr-0.5% very fg diss pent/hz, and 1-3% inst diss/stgr magnetite (up to 3-5% locally). Local patchy instit chrys. ***From 310.2-310.5m: 3-5% bleby mg Pn/Cpy stgr + NativeCu*** Minor fault @ 299.4-299.5m w/ uct @~70 deg TCA- filled w/ serp + carb; small fault @ 309.7-309.75 w/ serp and gouge infill and uct @ 50 deg TCA; small fault @ 316.3-316.4 w/ gouge infill & uct @ 55 deg TCA. Fractures throughout core w/ a stronger fractured zone @ 309.2-309.6m-0 looks crackled. Broken core @ 271.1-271.2m; 271.4-271.5m; 276.4-276.5m; 284.9-285m; 287.5-286m; 291.5-291.6m; 302.9-303.5m; 305.7-305.8m; 331.8-332m; and 332.4-332.6m. Competency of core increases with depth.		B11873	270.0	271.5	0.244	0.011	2.5	2.5	0.02	
			B11874	271.5	273.0	0.257	0.01	2.5	2.5	0.02	
			B11876	273.0	274.5	0.265	0.01	2.5	2.5	0.005	
			B11877	274.5	276.0	0.262	0.01	2.5	2.5	0.01	
			B11878	276.0	277.5	0.277	0.01	2.5	2.5	0.005	
			B11879	277.5	279.0	0.259	0.01	2.5	2.5	0.005	
			B11880	279.0	280.5	0.271	0.01	2.5	2.5	0.005	
			B11881	280.5	282.0	0.277	0.01	2.5	2.5	0.005	
			B11882	282.0	283.5	0.263	0.011	2.5	2.5	0.005	
			B11883	283.5	285.0	0.243	0.009	2.5	2.5	0.005	
			B11884	285.0	286.5	0.273	0.011	2.5	2.5	0.005	
			B11885	286.5	288.0	0.272	0.01	2.5	2.5	0.02	
			B11886	288.0	289.5	0.263	0.011	2.5	2.5	0.01	
			B11887	289.5	291.0	0.257	0.009	2.5	2.5	0.02	
			B11889	291.0	292.5	0.264	0.01	2.5	2.5	0.005	
			B11890	292.5	294.0	0.25	0.01	2.5	2.5	0.005	
			B11891	294.0	295.5	0.281	0.012	2.5	2.5	0.02	
			B11892	295.5	297.0	0.267	0.01	2.5	2.5	0.01	
			B11893	297.0	298.5	0.277	0.01	2.5	2.5	0.005	
			B11894	298.5	300.0	0.271	0.01	2.5	2.5	0.005	
			B11895	300.0	301.5	0.264	0.01	2.5	2.5	0.005	

B11896	301.5	303.0	0.274	0.01	2.5	2.5	0.005
B11897	303.0	304.5	0.276	0.01	2.5	2.5	0.01
B11898	304.5	306.0	0.27	0.011	2.5	2.5	0.02

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11899	306.0	307.5	0.279	0.01	2.5	2.5	0.005	
			B11900	307.5	309.0	0.273	0.011	2.5	2.5	0.02	
			B11901	309.0	310.5	0.309	0.011	2.5	2.5	0.02	
			B11902	310.5	312.0	0.282	0.011	2.5	2.5	0.02	
			B11903	312.0	313.5	0.271	0.012	2.5	2.5	0.02	
			B11904	313.5	315.0	0.257	0.01	2.5	2.5	0.005	
			B11905	315.0	316.5	0.273	0.011	2.5	2.5	0.02	
			B11906	316.5	318.0	0.285	0.011	2.5	2.5	0.01	
			B11908	318.0	319.5	0.278	0.01	2.5	2.5	0.02	
			B11909	319.5	321.0	0.276	0.011	2.5	2.5	0.02	
			B11910	321.0	322.5	0.284	0.01	2.5	2.5	0.02	
			B11911	322.5	324.0	0.279	0.01	2.5	2.5	0.01	
			B11912	324.0	325.5	0.276	0.011	2.5	2.5	0.005	
			B11913	325.5	327.0	0.287	0.01	2.5	2.5	0.03	
			B11914	327.0	328.5	0.296	0.011	2.5	21	0.04	
			B11915	328.5	330.0	0.257	0.01	2.5	2.5	0.01	
			B11917	330.0	331.5	0.276	0.01	2.5	2.5	0.02	
			B11918	331.5	333.0	0.279	0.011	2.5	2.5	0.02	
			B11919	333.0	334.5	0.268	0.011	2.5	2.5	0.03	
			B11920	334.5	336.0	0.274	0.01	2.5	2.5	0.02	
			B11921	336.0	337.5	0.248	0.009	2.5	2.5	0.03	
			B11922	337.5	339.0	0.276	0.011	2.5	2.5	0.03	
			B11923	339.0	340.5	0.261	0.01	2.5	2.5	0.04	
			B11925	340.5	342.0	0.28	0.01	2.5	2.5	0.03	
341.6	**344.3**	**UP2, Dunite**									
Fault Zone in dunite. This interval is comprised of ~ 60% very fine grained to				mediu m grained	gouge that is light to dark grey. Gouge						is strongly carbonate altered. Dunite is dark grey-green, strongly fractured, mg, adcumulate and strongly pervasively serp altered. Both gouge and dunite are strongly magnetic. ~1-3% serp

+ chrys stgrs/frac fills @ variable and irregular angles. 0.5% fg diss pent/hz , and 1-3% inst/diss mag. Uct @ 85 deg TCA and lct @ 40 deg TCA.	B11925	340.5	342.0	0.28	0.01	2.5	2.5	0.03
	B11926	342.0	343.5	0.29	0.012	7	6	0.11
344.3 428.1 UP2, Dunite	B11927	343.5	345.0	0.248	0.015	2.5	8	0.06
Dark green-grey, massive, strongly magnetic, adcumulate dunite. Moderate to moderate-strong with few patches of strong pervasive serp alt'n. Patchy instit chrys locally w/ lineated tiny mf @ 50 deg TCA @ 378-379m. Other chrys mf intermittently throughout (350.4-350.8 @ 75 deg TCA; 385.9-386.4 @ 50 deg TCA, 420-421m @ 30 deg TCA, and erratically locally). Unit is comprised of ~3-5%	B11927	343.5	345.0	0.248	0.015	2.5	8	0.06
	B11928	345.0	346.5	0.213	0.015	2.5	16	0.05
	B11929	346.5	348.0	0.208	0.014	2.5	6	0.04
	B11930	348.0	349.5	0.326	0.012	12	12	0.04

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From	To	Lithology
		mainly magnetite, chrys stgrs w/ rarer serp and talc. Stgrs are up to 2cm TT and are at variable angles. Serp is generally apple green to light green to translucent in colour. Unit is also comprised of 0.5 to 1-3% very fg to mg blebby to stgr hosted Pn/Hz. 1-3% instit diss/ stgr magnetite. Unit is moderate to strongly competent w/ decreasing competency towards lower contact. Brecc Serp+pyrox vein @ 378.6-378.8 w/ TT of ~25cm & uct @ 50 deg TCA, no min. Unit ends @ a fault zone. Ni min decreases to Tr-0.5% fg diss proximal to lower contact.
		Minor fault @ 346.3-346.5m w/ gouge, serp, and chrys infill & irreg cts; minor fault @ 347.6-347.7m w/ gouge infill & irreg cts. Gouge @ 394.2-394.3m w/ irreg cts.
		Minor Fault @ 415.9-416.2m w/ rubbly core + gouge, uct @ 35 deg TCA
		Broken Core @ 410.2-411m w/ 40cm of grind
		BC @ 416.4-416.5m
		BC @ 416.9-417m

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
B11931	349.5	351.0	0.393	0.015	261	48	0.06	
B11932	351.0	352.5	0.39	0.013	165	119	0.05	
B11933	352.5	354.0	0.507	0.018	67	121	0.14	
B11934	354.0	355.5	0.366	0.013	401	1140	0.05	
B11935	355.5	357.0	0.508	0.017	131	281	0.13	
B11936	357.0	358.5	0.482	0.014	76	152	0.1	
B11937	358.5	360.0	0.364	0.012	106	162	0.07	
B11938	360.0	361.5	0.377	0.014	119	1680	0.06	
B11939	361.5	363.0	0.322	0.012	34	47	0.04	
B11940	363.0	364.5	0.26	0.012	33	20	0.02	
B11941	364.5	366.0	0.289	0.013	9	19	0.05	
B11942	366.0	367.5	0.344	0.01	2.5	16	0.04	
B11943	367.5	369.0	0.38	0.013	13	20	0.08	
B11944	369.0	370.5	0.355	0.033	173	365	0.11	
B11945	370.5	372.0	0.46	0.014	81	387	0.1	
B11946	372.0	373.5	0.399	0.014	25	53	0.12	
B11947	373.5	375.0	0.269	0.014	15	26	0.1	
B11948	375.0	376.5	0.398	0.014	7	30	0.14	
B11949	376.5	378.0	0.342	0.015	2.5	20	0.13	
B11951	378.0	379.5	0.259	0.013	6	10	0.11	
B11952	379.5	381.0	0.379	0.017	7	27	0.16	
B11954	381.0	382.5	0.285	0.016	5	17	0.12	
B11955	382.5	384.0	0.255	0.015	9	21	0.12	
B11956	384.0	385.5	0.23	0.013	13	23	0.1	
B11957	385.5	387.0	0.322	0.016	17	46	0.14	
B11959	387.0	388.5	0.186	0.014	11	2.5	0.08	
B11960	388.5	390.0	0.225	0.013	12	17	0.09	

B11961	390.0	391.5	0.216	0.013	2.5	10	0.08
B11962	391.5	393.0	0.206	0.013	2.5	2.5	0.08
B11963	393.0	394.5	0.194	0.017	2.5	2.5	0.09
B11964	394.5	396.0	0.225	0.013	2.5	7	0.08
B11965	396.0	397.5	0.238	0.013	2.5	2.5	0.08

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11966	397.5	399.0	0.179	0.014	2.5	2.5	0.07	
			B11967	399.0	400.5	0.17	0.014	2.5	9	0.06	
			B11968	400.5	402.0	0.173	0.017	2.5	13	0.07	
			B11969	402.0	403.5	0.158	0.015	2.5	2.5	0.05	
			B11970	403.5	405.0	0.212	0.014	2.5	2.5	0.06	
			B11971	405.0	406.5	0.24	0.012	2.5	2.5	0.06	
			B11972	406.5	408.0	0.231	0.015	2.5	2.5	0.06	
			B11974	408.0	409.5	0.233	0.015	2.5	2.5	0.08	
			B11975	409.5	411.0	0.236	0.014	2.5	2.5	0.07	
			B11976	411.0	412.5	0.304	0.015	2.5	7	0.09	
			B11977	412.5	414.0	0.282	0.016	2.5	7	0.09	
			B11978	414.0	415.5	0.248	0.015	2.5	7	0.07	
			B11979	415.5	417.0	0.209	0.016	2.5	2.5	0.07	
			B11980	417.0	418.5	0.211	0.014	2.5	8	0.06	
			B11981	418.5	420.0	0.225	0.012	2.5	2.5	0.07	
			B11983	420.0	421.5	0.219	0.012	2.5	2.5	0.03	
			B11984	421.5	423.0	0.141	0.009	2.5	2.5	0.02	
			B11985	423.0	424.5	0.215	0.012	2.5	2.5	0.04	
			B11986	424.5	426.0	0.217	0.012	2.5	2.5	0.03	
			B11987	426.0	427.5	0.221	0.012	2.5	2.5	0.04	
			Fault@4300.3-431.5mw/gouge@								broken core w/ uct @ 65 Broken core w/ gouge @ 431.4-431.5m

428.1 431.5 UP2, Dunite

Fault Zone in Dunite. ~20% gouge, ~20% Broken core.
Gouge is light to med grey, very fg-mg and strongly carb altered. Gouge is also strongly magnetic. Dunite is dark green-grey, mg, massive, strongly magnetic, adcumulate. Mod-strong serp alt'n & ~5% mainly mag + serp stgrs + minor chrys frac fill. Stgrs are mostly irreg. 0.5-1% vfg-fg diss Pent/Hz and 1-3% instit diss/stgr mag.

Fault w/ Gouge w/ rubbly core @ 428.1-428.8m w/ uct @ 90
weak to mod competent Dunite @ 428.8-430.3m

431.5 440 UP2, Dunite

Dark green-grey, mg, massive, adcumulate, strongly magnetic dunite. Mod-strong to strong perv serp alt'n. Unit is comprised of ~5% mag+serp stgrs up to 2cm TT, mainly irreg. Local patchy chrys frac fill @ 30 deg TCA. Trace to 1-3% vfg-fg diss Pent/Hz and 1-3% instit diss/stgr mag. Unit is weak to mod competent and bbecomes more fractured proximal to lower contact w/ underlying fault zone.

B11988		427.5	0.187					
B11988		429.0	3	0.01				
	B11989	429.0	430.5	0.201	0.013	2.5	2.5	0.05
B11990		430.5	0.187					
		432.0	0.013					
			2.5					
			2.5					
B11990			0.05					
	B11991	432.0	433.5	0.208	0.012	2.5	2.5	0.05
B11992		430.5	0.204					
	B11994	435.0	436.5	0.205	0.014	2.5	2.5	0.06
		433.5	2.5					
		435.0	2.5					
			0.05					
			0.204					
			0.014					
			2.5					
			2.5					
			0.05					
			0.188					
			0.013					
			2.5					
			2.5					
			0.05					

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11995	436.5	438.0	0.182	0.012	2.5	2.5	0.05	
			B11996	438.0	439.5	0.208	0.012	2.5	2.5	0.05	
			B11997	439.5	441.0	0.216	0.015	2.5	2.5	0.07	
440	**446**	**UP2, Dunite**	B11997	439.5	441.0	0.216	0.015	2.5	2.5	0.07	
This interval is comprised of a few faults intercalated w/ poorly competent dunites and minor peridotites. The first fault is @ 440-442.2m w/ is comprised of mostly gouge w/ minor broken rubbly core. Gouge is strongly carb altered and magnetic. Gouge is med-dark grey and very fg to mg. From 442.2-443.2m, unit is a poorly competent, dark green-grey, adcumulate dunite w/ local chrys fract fill @ 80 deg TCA and Tr Ni mineralisation. Mod-strong perv serp alt'n. A second fault is @ 443.2-443.6m and is gouge infilled w/ broken rubbly core. Gouge again is carb altered and magnetic. From 443.6-445.2m, this interval is comprised of poorly competent dunite w/ minor peridotite. Mod-strong perv serp alt'n ~10% serp stgrs+veinlets-mostly irreg up to ~3cm TT. Serp is apple green to dark green/translucent. This unit is strongly fractured w/ trace Ni mineralisation. Finally, from 45.2-446m is another fault w/ ,minor gouge and mainly broken,rubbly core which is ~20% laminated serp. ~0.5% vfg-fg diss Pent/Hz. Minor chrys frac fill locally also.			B11998	441.0	442.5	0.23	0.014	12	5	0.08	
			B11999	442.5	444.0	0.211	0.014	2.5	2.5	0.08	
			B12000	444.0	445.5	0.183	0.013	2.5	2.5	0.07	
			B12001	445.5	447.0	0.126	0.014	22	23	0.06	
446	**468.9**	**UP1, Peridotite**	B12001	445.5	447.0	0.126	0.014	22	23	0.06	
Very dark grey w/ patchy mottled creamy white, massive, ortho-mesocumulate, mg, strongly magnetic peridotite. Unite is comprised of ~ 15% pyx. Mod patchy serp alt'n. Tr-0.5% vfg-fg diss Pent/Hz, 1-3% diss fg mag. 1-2% chrys+serp stgrs up to 2cm TT @ variable angles. Two brecciated serp+pyx veins observed @ 463.3-463.5m and 463.7-464m w/ irreg contacts. This unit is weakly competent. Slickensides noted on some fracture surfaces.Unit has a sharp lower contact @ 55 deg TCA. Broken core @ 446.5-447m; 53.8-453.9m; 458.8-461m;465.9-466.2m; 468.8-468.9m			B12002	447.0	448.5	0.087	0.013	8	2.5	0.04	
			B12003	448.5	450.0	0.082	0.013	11	6	0.04	
			B12004	450.0	451.5	0.071	0.015	37	270	0.04	
			B12005	451.5	453.0	0.063	0.015	88	381	0.03	
			B12006	453.0	454.5	0.06	0.014	101	329	0.03	
			B12007	454.5	456.0	0.07	0.017	102	281	0.07	
			B12008	456.0	457.5	0.056	0.014	74	47	0.03	
			B12009	457.5	459.0	0.06	0.015	115	64	0.04	
			B12010	459.0	460.5	0.067	0.013	105	68	0.04	
			B12011	460.5	462.0	0.072	0.015	93	151	0.05	
			B12012	462.0	463.5	0.06	0.014	105	119	0.06	
			B12013	463.5	465.0	0.057	0.014	301	345	0.07	
			B12014	465.0	466.5	0.059	0.014	501	569	0.05	
			B12015	466.5	468.0	0.06	0.014	1870	1680	0.06	

			B12017	468.0 469.5	0.059	0.013	48	28	0.09
468.9	**473.9**	**UP4, Pyroxenite**	B12017	468.0 469.5	0.059	0.013	48	28	0.09

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		Adcumulate pyroxenite. Med-dark grey, mottled, massive, cg adcumulate. Unit is magnetic prox to uct, but non-mag throughout rest of unit. Moderately weak patchy serp alt'n. ~1-2% serp stgrs less than 0.5cm TT w/ minor chrys frac fill @ variable angles. Unit is moderate to strongly competent. Gradational lower contact. 0.5-1% Instit Pn and Po.	B12018	469.5	471.0	0.029	0.008	2.5	2.5	0.27	
			B12019	471.0	472.5	0.034	0.008	2.5	2.5	0.12	
			B12020	472.5	474.0	0.028	0.007	2.5	2.5	0.12	
473.9	**502.5**	**UP4, Pyroxenite**	B12020	472.5	474.0	0.028	0.007	2.5	2.5	0.12	
		Light to med green-grey, massive crystalline, non-magnetic pyroxenite. Local orthocumulate textures. Weak to moderate patchy serp alt'n, possible patchy mod Chl alt'n also. Unit is well mineralised w/ up to 3-5% Pn+Po +/- Cpy observed-generally occuring in the darker matrix (chlorite alteration?) in higher concentrations. Minor Py and Cpy also present (Tr-min). Possible Tr PGE's observed- too fg to be sure. ~2-3% serp stgrs up to 1cm TT @ variable angles, generally med green to apple green in colour. One larger Bx chrys vein (too broken up to measure TT) @ 481.7-482m. ~1% tiny chrys mf @ variuos angles. Unit is moderately competent. The core has a glassy, almost silicified feel to it. Sharp irreg lct. Local pathes of plag also observed.	B12021	474.0	475.5	0.025	0.006	2.5	2.5	0.07	
			B12022	475.5	477.0	0.027	0.006	2.5	2.5	0.09	
			B12023	477.0	478.5	0.03	0.005	2.5	2.5	0.09	
			B12025	478.5	480.0	0.037	0.008	2.5	2.5	0.47	
			B12026	480.0	481.5	0.03	0.006	2.5	2.5	0.08	
			B12027	481.5	483.0	0.026	0.006	2.5	2.5	0.06	
			B12028	483.0	484.5	0.038	0.006	2.5	2.5	0.06	
			B12029	484.5	486.0	0.025	0.007	2.5	2.5	0.17	
			B12031	486.0	487.5	0.028	0.007	2.5	2.5	0.13	
			B12032	487.5	489.0	0.029	0.006	2.5	2.5	0.08	
			B12033	489.0	490.5	0.029	0.006	2.5	2.5	0.05	
			B12034	490.5	492.0	0.03	0.006	2.5	2.5	0.06	
			B12035	492.0	493.5	0.032	0.007	2.5	2.5	0.15	
			B12036	493.5	495.0	0.028	0.007	2.5	2.5	0.07	
			B12037	495.0	496.5	0.028	0.007	2.5	2.5	0.08	
			B12038	496.5	498.0	0.028	0.007	2.5	2.5	0.17	
			B12039	498.0	499.5	0.036	0.007	2.5	2.5	0.41	
			B12040	499.5	501.0	0.029	0.006	2.5	2.5	0.04	
			B12041	501.0	502.5	0.029	0.007	2.5	2.5	0.13	
502.5	**547.6**	**MP1, Gabbro**	comprised of ~2% serp stgrs up to 1cm TT @ variable angles, ~2-3% plag	stgrs up to 3cm TT @ (25-40 deg TCA & opposite dir'n of serp stgrs), Chl(?) fract fill. Tr qtz stgrs less than 0.5cm TT w/							minor Py+Cpy. Unit is moderate to strongly competent. Shallow lct @~10 deg TCA.
		Mottled white- green-grey, massive, crystalline, fg-mg, non-magnetic leucogabbro. Very weak to weak patchy serp alt'n, possible moderate fract-controlled chl alt'n. Unit is strongly altered @ 515.3-516.3m w/ a creamy green mineral- possibly sericite?- does not react w/ HCl- this altered interval is mineralised w/ 1-3% instit/blebby Pn+Po. Overall, the gabbro unit is poorly mineralised w/ tr-minor disseminated fg Py+Cpy. Where the gabbro is intercalated w/ pyyroxenites (524.2-524.4m; 524.5-526m; and 526.4-527.5m, few other tiny fingers of pyrox intermittently) there is instit diss Pn+ Po min in the pyroxenites up to 1-3%. Unit is										

B12042	502.5	504.0	0.016	0.004	2.5	2.5	0.03
B12044	504.0	505.5	0.014	0.004	2.5	2.5	0.03
B12045	505.5	507.0	0.014	0.004	2.5	2.5	0.03
B12046	507.0	508.5	0.014	0.005	2.5	2.5	0.06
B12047	508.5	510.0	0.014	0.004	2.5	2.5	0.05
B12048	510.0	511.5	0.014	0.004	2.5	2.5	0.05
B12049	510.0	511.5	0.012	0.004	2.5	2.5	0.02
B12050	513.0	514.5	0.012	0.004	2.5	2.5	0.02
B12051	511.5	513.0	0.012	0.004	2.5	2.5	0.04
	513.0	514.5	0.013	0.004	2.5	2.5	0.02
	514.5	516.0	0.017	0.005	2.5	2.5	0.14

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology
547.6	618	**UP1, Peridotite** Dark grey to black, fg-mg, massive, mesocumulate peridotite. Weakly magnetic proximal to uct of unit and moderately-strong throughout the remainder of the unit. Local patches of creamy-white pyx. Patchy weakly-mod serp alt'n. Unit is comprised of ~1% serp + mag+/- chrys stgrs up to 2cm TT @ various angles. Serp is light to apple green in colour w/ some translucent. Local laminated serp observed. Tr-1% vfg-fg diss pent/Hz throughout. ~1-3% instit mag + stgrs(Mainly irreg). Unit has a gradational lower contact. Unit is moderate to strongly competent.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
B12052	516.0	517.5	0.014	0.005	2.5	2.5	0.04	
B12053	517.5	519.0	0.011	0.005	2.5	2.5	0.02	
B12055	519.0	520.5	0.009	0.004	2.5	2.5	0.02	
B12056	520.5	522.0	0.011	0.004	2.5	2.5	0.02	
B12057	522.0	523.5	0.014	0.006	2.5	2.5	0.03	
B12058	523.5	525.0	0.015	0.007	2.5	2.5	0.1	
B12059	525.0	526.5	0.014	0.007	2.5	2.5	0.13	
B12060	526.5	528.0	0.014	0.007	2.5	2.5	0.1	
B12061	528.0	529.5	0.012	0.006	2.5	2.5	0.03	
B12062	529.5	531.0	0.013	0.006	2.5	2.5	0.09	
B12064	531.0	532.5	0.014	0.006	2.5	2.5	0.06	
B12065	532.5	534.0	0.013	0.006	2.5	2.5	0.04	
B12066	534.0	535.5	0.012	0.006	2.5	2.5	0.03	
B12067	535.5	537.0	0.01	0.005	2.5	2.5	0.03	
B12068	537.0	538.5	0.012	0.005	2.5	2.5	0.06	
B12069	538.5	540.0	0.01	0.005	2.5	2.5	0.02	
B12070	540.0	541.5	0.01	0.005	2.5	2.5	0.02	
B12071	541.5	543.0	0.009	0.005	2.5	2.5	0.02	
B12072	543.0	544.5	0.009	0.005	2.5	2.5	0.005	
B12074	544.5	546.0	0.009	0.005	2.5	2.5	0.005	
B12075	546.0	547.5	0.008	0.004	2.5	2.5	0.005	
	Core has a glassy appeara		and 575.9-576m	B12076				
				B12076				
B12077	549.0	550.5	0.131	0.012	2.5	7	0.3	
	Broken			B12078				
B12079	552.0	553.5	0.133	0.013	2.5	12	0.1	
	549m			B12080				
B12081	555.0	556.5	0.129	0.013	6	17	0.06	

		547.5	549.0	0.071				
B12082		547.5	549.0	1	0.0	2.5	5	0.0
		549.0	550.5	3	0.071	0.01	2.5	5
		550.5	552.0		0.03			
		552.0	553.5		0.128	0.014	6	11
		553.5	555.0		0.15			
		555.0	556.5		0.132	0.013	2.5	13
		556.5	558.0		0.07			
		558.0	559.5		0.131	0.013	2.5	14
		559.5	561.0		0.06			
B12083	558.0	559.5		0.133	0.014	6	13	0.06
B12084	559.5	561.0		0.14	0.014	7	15	0.08

B12086	561.0	562.5	0.142	0.015	6	20	0.07

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B12087	562.5	564.0	0.136	0.015	2.5	15	0.05	
			B12088	564.0	565.5	0.143	0.015	2.5	14	0.05	
			B12089	565.5	567.0	0.15	0.017	2.5	14	0.07	
			B12090	567.0	568.5	0.14	0.015	2.5	14	0.05	
			B12091	568.5	570.0	0.134	0.014	2.5	12	0.05	
			B12092	570.0	571.5	0.131	0.015	2.5	10	0.04	
			B12093	571.5	573.0	0.134	0.015	2.5	8	0.07	
			B12094	573.0	574.5	0.151	0.017	2.5	10	0.05	
			B12095	574.5	576.0	0.13	0.014	2.5	10	0.05	
			B12096	576.0	577.5	0.116	0.013	2.5	9	0.05	
			B12097	577.5	579.0	0.108	0.012	2.5	6	0.03	
			B12099	579.0	580.5	0.138	0.013	2.5	9	0.05	
			B12100	580.5	582.0	0.137	0.014	2.5	5	0.04	
			B12101	582.0	583.5	0.138	0.014	2.5	6	0.04	
			B12102	583.5	585.0	0.133	0.013	2.5	6	0.03	
			B12103	585.0	586.5	0.127	0.014	2.5	6	0.05	
			B12104	586.5	588.0	0.13	0.014	2.5	8	0.04	
			B12105	588.0	589.5	0.13	0.014	2.5	8	0.03	
			B12106	589.5	591.0	0.125	0.014	2.5	12	0.04	
			B12107	591.0	592.5	0.125	0.013	2.5	14	0.03	
			B12108	592.5	594.0	0.121	0.012	2.5	11	0.04	
			B12109	594.0	595.5	0.118	0.013	2.5	14	0.03	
			B12110	595.5	597.0	0.119	0.013	2.5	8	0.03	
			B12111	597.0	598.5	0.114	0.012	2.5	11	0.04	
			B12112	598.5	600.0	0.116	0.013	2.5	11	0.03	
			B12113	600.0	601.5	0.116	0.013	2.5	8	0.03	
			B12114	601.5	603.0	0.117	0.014	2.5	13	0.03	
			B12115	603.0	604.5	0.114	0.013	2.5	8	0.03	
			B12116	604.5	606.0	0.111	0.014	2.5	7	0.03	
			B12117	606.0	607.5	0.109	0.013	2.5	9	0.03	
			B12118	607.5	609.0	0.109	0.014	2.5	9	0.03	
			B12120	609.0	610.5	0.102	0.013	2.5	11	0.03	

Project: Crawford Nickel **Hole Number:** CR20-34

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B12121	610.5	612.0	0.094	0.013	2.5	7	0.03	
			B12122	612.0	613.5	0.097	0.014	2.5	9	0.02	
			B12123	613.5	615.0	0.094	0.014	2.5	8	0.03	
			B12125	615.0	616.5	0.084	0.013	2.5	6	0.03	
			B12126	616.5	618.0	0.08	0.012	2.5	14	0.03	
618	**628.5**	**UP4, Pyroxenite**	B12127	618.0	619.5	0.061	0.011	13	21	0.03	
Dark grey to medium green-grey, fg-mg, massive w/ patchy orthocumulate textures proximal to uct, pyroxenite. Unit is weakly magnetic prox to uct but the remainder of the unit is non-magnetic. Weak patchy serp alt'n. 0.5% chrys+ serp stgrs up to 1cm TT @ 55, 30 deg TCA. Tr Ni mineralisation throughout except proximal to lower contact where up to 1% fg diss Pent/Hz was observed. 0.1% diss fg py throughout. Somewhat diffuse lower contact. Unit is moderate to strongly competent.			B12128	619.5	621.0	0.044	0.009	32	34	0.09	
			B12129	621.0	622.5	0.035	0.007	111	85	0.005	
			B12130	622.5	624.0	0.031	0.006	249	161	0.01	
			B12132	624.0	625.5	0.033	0.006	326	196	0.02	
			B12133	625.5	627.0	0.041	0.006	249	155	0.08	
			B12134	627.0	628.5	0.042	0.007	148	95	0.13	
628.5	**636**	**MP1, Gabbro**	B12135	628.5	630.0	0.033	0.006	42	29	0.05	
Spotted/mottled green-white, massive, fg-mg, non-magnetic leucogabbro. Weak patchy serp alt'n. ~1% serp+chrys stgrs + qtz(?) up to 2cmTT @ variable angles. Possible frc-controlled chlorite alt'n. 0.1% fg diss py mineralisation. No Ni mineralisation observed. It seems that there is a weak fabric to the rock where the white and green locally have a striped appearance @ 45-50 deg TCA. Unit is moderately competent.			B12136	630.0	631.5	0.026	0.006	14	11	0.03	
			B12137	631.5	633.0	0.023	0.005	5	6	0.04	
			B12138	633.0	634.5	0.021	0.004	6	6	0.02	
			B12139	634.5	636.0	0.021	0.004	6	2.5	0.005	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-35

Easting: 473701 **Length:** 390 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409903 **Azimuth:** 360 **Core Size:** NQ **Drilling Start:** Mar-22-2020 **Drilling**

Elevation: 277.8561 **Dip:** -82 **Logged By:** Curtis Ferron **Completed:** Mar-30-2020

Tenure Number: PAT-49959

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**36.3**	**OVB, Overburden** granite pebbles/cobbles	A0977228	36.0	37.5	0.209	0.012	2.5	2.5	0.08	fault, difficult to tell
36.3	**360**	**UP2, Dunite** dark green to black fg-mg, adcumulate(90%) to locally massive crystalline (10%), strong to moderately strong patchy serpentinized, pervasively magnetic, dunite. Cumulate ol is anhedral to subhedral 1-2mm generally fg with occasional mg ol Carbonitization is moderate to moderately weak. Irregular to 30-60 deg tca ff stringers/vnlts ~1-3% along with patches of interstitial crystalline f-mg cb <1%. Serpentinization is found as irregular patches/zones of ff stngrs/vnlts of emerald green sr+mt ~2-5% with zones of <1%. Interstitial mt+sr is found pervasively @1-3%. Cys. Is less abundant @ <1-1% wispy ff irregular strngrs Ni min = 0.5-1% interstitial disseminated vf-f pn+hz+ aw. Additionally localized patches (1mm-1cm) of pn+hz occur which can increase these values (e.g. @ 109.5) below 160 core becomes more vibrant green and the adcumulate texture becomes dominant with little to no patches of massive crystalline texture further an increase in oxidized mineralization occurs disseminated and within stringers/vnlts. Likely a combination of rusty red magnetite? Coalingite? And awaruite? Should be investigated further? thin sections, QEM scan to determine if this contributes to overall Ni min (aw can tarnish) or just waste min. likely due to leaving boxes open to elements for longer? Below 186 chrysotile increases to 1-2% with ff wispy stringers predominant. Cb appears to gradually decrease to weak ff stringers/small patches <1-1% coarser grained granular to massive stringers/vnlts of mt. increase in abundance overall 1-5% ranges depending on serp. Intensity but closer to 5 in general @201.3 mt. stringer @60 deg tca right hand shear offset of 1.5cm below 337 GS of ol increases to 2-4mm still anhedral to subhedral, adcumulate	A0977228	36.0	37.5	0.209	0.012	2.5	2.5	0.08	fault, difficult to tell
			A0977229	37.5	39.0	0.281	0.012	2.5	2.5	0.05	
			A0977230	39.0	40.5	0.276	0.012	2.5	2.5	0.06	
			A0977231	40.5	42.0	0.288	0.012	2.5	2.5	0.05	
			A0977233	42.0	43.5	0.263	0.011	2.5	2.5	0.04	
			A0977234	43.5	45.0	0.275	0.012	2.5	2.5	0.05	
			A0977235	45.0	46.5	0.264	0.011	2.5	2.5	0.06	
			A0977236	46.5	48.0	0.3	0.012	2.5	2.5	0.04	
			A0977237	48.0	49.5	0.269	0.011	2.5	2.5	0.05	
			A0977238	49.5	51.0	0.266	0.012	2.5	2.5	0.02	
			A0977239	51.0	52.5	0.258	0.012	2.5	2.5	0.02	
			A0977240	52.5	54.0	0.264	0.012	2.5	2.5	0.01	
			A0977241	54.0	55.5	0.263	0.013	2.5	2.5	0.01	
			A0977242	55.5	57.0	0.302	0.012	2.5	2.5	0.05	
			A0977244	57.0	58.5	0.28	0.012	2.5	2.5	0.02	
			A0977245	58.5	60.0	0.287	0.012	2.5	2.5	0.03	
			A0977246	60.0	61.5	0.294	0.013	2.5	2.5	0.005	
			A0977247	61.5	63.0	0.51	0.023	2.5	2.5	0.04	
			A0977248	63.0	64.5	0.286	0.013	2.5	2.5	0.01	
			A0977249	64.5	66.0	0.313	0.013	2.5	9	0.03	

A0977250	66.0	67.5	0.285	0.013	2.5	2.5	0.01	
A0977251	67.5	69.0	0.276	0.012	2.5	2.5	0.02	patches of pn+hz in mt. stinger @ 68.8
A0977252	69.0	70.5	0.293	0.014	2.5	2.5	0.02	

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977253	70.5	72.0	0.273	0.012	2.5	2.5	0.02	
			A0977254	72.0	73.5	0.254	0.011	24	2.5	0.04	
			A0977255	73.5	75.0	0.278	0.012	2.5	2.5	0.005	
			A0977256	75.0	76.5	0.279	0.012	2.5	2.5	0.005	
			A0977257	76.5	78.0	0.301	0.013	2.5	2.5	0.07	
			A0977259	78.0	79.5	0.286	0.013	2.5	2.5	0.04	
			A0977260	79.5	81.0	0.283	0.013	2.5	2.5	0.01	
			A0977261	81.0	82.5	0.279	0.012	2.5	2.5	0.005	
			A0977262	82.5	84.0	0.277	0.012	2.5	2.5	0.03	
			A0977263	84.0	85.5	0.323	0.012	2.5	2.5	0.05	
			A0977264	85.5	87.0	0.282	0.013	2.5	2.5	0.03	
			A0977266	87.0	88.5	0.286	0.013	2.5	2.5	0.05	
			A0977267	88.5	90.0	0.28	0.014	2.5	2.5	0.005	
			A0977268	90.0	91.5	0.306	0.013	2.5	2.5	0.005	
			A0977269	91.5	93.0	0.28	0.012	2.5	2.5	0.01	
			A0977270	93.0	94.5	0.308	0.013	2.5	2.5	0.02	
			A0977271	94.5	96.0	0.28	0.012	2.5	2.5	0.005	
			A0977272	96.0	97.5	0.286	0.013	2.5	2.5	0.005	
			A0977273	97.5	99.0	0.278	0.012	2.5	2.5	0.005	
			A0977274	99.0	100.5	0.288	0.013	2.5	2.5	0.01	
			A0977275	100.5	102.0	0.285	0.013	2.5	2.5	0.005	
			A0977276	102.0	103.5	0.292	0.012	2.5	2.5	0.005	
			A0977277	103.5	105.0	0.266	0.012	2.5	2.5	0.02	
			A0977279	105.0	106.5	0.307	0.013	2.5	2.5	0.03	
			A0977280	106.5	108.0	0.287	0.013	2.5	2.5	0.005	
			A0977281	108.0	109.5	0.308	0.014	2.5	2.5	0.03	patches (1mm-1cm) of

pn+hz

A0977282	109.5	111.0	0.277	0.012	2.5	2.5	0.01
A0977283	111.0	112.5	0.286	0.012	2.5	2.5	0.005
A0977284	112.5	114.0	0.287	0.012	2.5	2.5	0.005
A0977285	114.0	115.5	0.271	0.012	2.5	2.5	0.04
A0977286	115.5	117.0	0.277	0.014	2.5	2.5	0.005
A0977287	117.0	118.5	0.281	0.012	2.5	2.5	0.02

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977288	118.5	120.0	0.282	0.011	2.5	2.5	0.02	
			A0977289	120.0	121.5	0.279	0.012	2.5	2.5	0.005	
			A0977290	121.5	123.0	0.289	0.012	2.5	2.5	0.005	
			A0977292	123.0	124.5	0.297	0.013	2.5	2.5	0.02	
			A0977293	124.5	126.0	0.295	0.013	2.5	2.5	0.01	
			A0977294	126.0	127.5	0.288	0.012	6	2.5	0.02	
			A0977295	127.5	129.0	0.269	0.012	2.5	2.5	0.005	
			A0977296	129.0	130.5	0.312	0.014	2.5	2.5	0.005	
			A0977297	130.5	132.0	0.282	0.013	2.5	2.5	0.02	
			A0977298	132.0	133.5	0.329	0.012	2.5	2.5	0.05	
			A0977299	133.5	135.0	0.24	0.009	2.5	2.5	0.02	
			A0977300	135.0	136.5	0.283	0.012	2.5	2.5	0.02	
			A0977301	136.5	138.0	0.279	0.012	2.5	2.5	0.03	
			A0977303	138.0	139.5	0.282	0.012	2.5	2.5	0.02	
			A0977304	139.5	141.0	0.284	0.012	2.5	2.5	0.03	
			A0977305	141.0	142.5	0.297	0.012	2.5	2.5	0.03	
			A0977306	142.5	144.0	0.271	0.011	2.5	2.5	0.02	
			A0977307	144.0	145.5	0.277	0.013	2.5	2.5	0.06	
			A0977308	145.5	147.0	0.29	0.012	2.5	2.5	0.02	
			A0977309	147.0	148.5	0.276	0.011	2.5	2.5	0.05	
			A0977310	148.5	150.0	0.278	0.012	2.5	2.5	0.03	
			A0977311	150.0	151.5	0.286	0.011	2.5	2.5	0.03	
			A0977312	151.5	153.0	0.289	0.012	12	2.5	0.05	
			A0977313	153.0	154.5	0.381	0.015	15	24	0.08	
			A0977314	154.5	156.0	0.385	0.015	14	29	0.08	
			A0977315	156.0	157.5	0.274	0.012	14	20	0.04	
			A0977316	157.5	159.0	0.299	0.012	15	19	0.05	
			A0977318	159.0	160.5	0.296	0.013	8	11	0.07	
			A0977319	160.5	162.0	0.215	0.01	2.5	2.5	0.04	
			A0977320	162.0	163.5	0.236	0.011	2.5	2.5	0.03	
			A0977321	163.5	165.0	0.244	0.012	2.5	2.5	0.06	
			A0977322	165.0	166.5	0.246	0.012	2.5	2.5	0.03	

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977323	166.5	168.0	0.239	0.011	2.5	2.5	0.02	
			A0977324	168.0	169.5	0.235	0.011	2.5	2.5	0.04	
			A0977325	169.5	171.0	0.221	0.012	2.5	2.5	0.02	
			A0977326	171.0	172.5	0.233	0.012	2.5	2.5	0.02	
			A0977327	172.5	174.0	0.242	0.014	2.5	2.5	0.04	
			A0977328	174.0	175.5	0.24	0.013	2.5	2.5	0.02	
			A0977329	175.5	177.0	0.247	0.011	2.5	2.5	0.03	
			A0977331	177.0	178.5	0.244	0.012	2.5	2.5	0.03	
			A0977332	178.5	180.0	0.265	0.012	2.5	2.5	0.03	
			A0977333	180.0	181.5	0.313	0.012	2.5	2.5	0.08	
			A0977334	181.5	183.0	0.297	0.012	2.5	6	0.03	
			A0977335	183.0	184.5	0.292	0.012	2.5	2.5	0.04	
			A0977336	184.5	186.0	0.303	0.012	9	7	0.05	
			A0977337	186.0	187.5	0.289	0.012	2.5	2.5	0.03	
			A0977338	187.5	189.0	0.29	0.012	2.5	2.5	0.04	
			A0977339	189.0	190.5	0.274	0.012	2.5	2.5	0.06	
			A0977340	190.5	192.0	0.26	0.012	2.5	2.5	0.04	
			A0977342	192.0	193.5	0.258	0.012	2.5	13	0.03	
			A0977343	193.5	195.0	0.241	0.013	6	2.5	0.03	
			A0977344	195.0	196.5	0.239	0.013	2.5	2.5	0.02	
			A0977345	196.5	198.0	0.248	0.012	2.5	2.5	0.05	
			A0977346	198.0	199.5	0.233	0.012	2.5	2.5	0.08	
			A0977347	199.5	201.0	0.219	0.011	2.5	2.5	0.01	
			A0977348	201.0	202.5	0.221	0.013	2.5	2.5	0.03	
			A0977349	202.5	204.0	0.222	0.011	2.5	2.5	0.03	
			A0977351	204.0	205.5	0.248	0.013	2.5	5	0.03	

A0977352	205.5	207.0	0.215	0.013	2.5	2.5	0.03	
A0977353	207.0	208.5	0.222	0.013	2.5	2.5	0.03	
A0977354	208.5	210.0	0.223	0.012	2.5	2.5	0.03	patches of pn+hz occur (~0.5cm)
A0977355	210.0	211.5	0.209	0.012	2.5	2.5	0.24	
A0977356	211.5	213.0	0.246	0.013	2.5	2.5	0.03	
A0977357	213.0	214.5	0.204	0.012	2.5	2.5	0.02	

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977358	214.5	216.0	0.21	0.011	2.5	2.5	0.05	
			A0977359	216.0	217.5	0.198	0.013	2.5	2.5	0.005	
			A0977360	217.5	219.0	0.255	0.013	23	2.5	0.06	
			A0977361	219.0	220.5	0.27	0.014	2.5	2.5	0.06	
			A0977362	220.5	222.0	0.273	0.012	2.5	2.5	0.04	
			A0977363	222.0	223.5	0.265	0.013	10	2.5	0.05	
			A0977364	223.5	225.0	0.333	0.012	2.5	2.5	0.07	
			A0977366	225.0	226.5	0.312	0.012	2.5	2.5	0.05	
			A0977367	226.5	228.0	0.344	0.011	2.5	9	0.04	
			A0977368	228.0	229.5	0.304	0.011	2.5	7	0.06	patches of pn+hz occur (0.5cm)
			A0977369	229.5	231.0	0.295	0.012	11	6	0.05	
			A0977370	231.0	232.5	0.324	0.013	2.5	2.5	0.03	
			A0977371	232.5	234.0	0.268	0.012	2.5	2.5	0.02	
			A0977372	234.0	235.5	0.212	0.012	2.5	2.5	0.02	
			A0977373	235.5	237.0	0.232	0.012	2.5	2.5	0.03	
			A0977375	237.0	238.5	0.2	0.013	2.5	2.5	0.07	
			A0977376	238.5	240.0	0.224	0.013	2.5	2.5	0.04	
			A0977377	240.0	241.5	0.221	0.013	12	2.5	0.04	
			A0977378	241.5	243.0	0.208	0.012	2.5	2.5	0.06	
			A0977379	243.0	244.5	0.198	0.015	270	93	0.04	
			A0977380	244.5	246.0	0.199	0.015	2.5	9	0.06	
			A0977381	246.0	247.5	0.192	0.014	2.5	2.5	0.04	
			A0977382	247.5	249.0	0.242	0.014	2.5	2.5	0.06	
			A0977383	249.0	250.5	0.241	0.014	2.5	2.5	0.05	
			A0977384	250.5	252.0	0.24	0.014	2.5	2.5	0.05	
			A0977385	252.0	253.5	0.23	0.013	11	56	0.03	

A0977386	253.5	255.0	0.221	0.013	2.5	2.5	0.04	
A0977388	255.0	256.5	0.216	0.013	2.5	7	0.08	
A0977389	256.5	258.0	0.225	0.013	8	39	0.05	blebs of pn+hz occur but generally ufg dism
A0977390	258.0	259.5	0.232	0.014	10	7	0.06	
A0977391	259.5	261.0	0.223	0.012	2.5	2.5	0.04	
A0977392	261.0	262.5	0.225	0.014	2.5	6	0.08	

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977393	262.5	264.0	0.218	0.013	18	31	0.09	
			A0977394	264.0	265.5	0.187	0.014	6	84	0.04	
			A0977395	265.5	267.0	0.165	0.013	2.5	2.5	0.03	
			A0977396	267.0	268.5	0.166	0.013	2.5	2.5	0.03	
			A0977397	268.5	270.0	0.161	0.013	2.5	2.5	0.04	
			A0977399	270.0	271.5	0.152	0.015	2.5	2.5	0.04	
			A0977400	271.5	273.0	0.145	0.014	2.5	2.5	0.04	
			A0977401	273.0	274.5	0.186	0.015	2.5	2.5	0.05	
			A0977402	274.5	276.0	0.23	0.012	2.5	2.5	0.05	
			A0977403	276.0	277.5	0.215	0.013	2.5	6	0.06	
			A0977404	277.5	279.0	0.187	0.014	2.5	22	0.02	
			A0977405	279.0	280.5	0.171	0.015	2.5	5	0.03	
			A0977406	280.5	282.0	0.161	0.014	2.5	2.5	0.03	
			A0977408	282.0	283.5	0.16	0.014	2.5	2.5	0.05	
			A0977409	283.5	285.0	0.15	0.014	2.5	2.5	0.05	
			A0977410	285.0	286.5	0.163	0.014	2.5	2.5	0.04	
			A0977411	286.5	288.0	0.156	0.013	2.5	2.5	0.03	
			A0977412	288.0	289.5	0.194	0.014	2.5	2.5	0.03	
			A0977413	289.5	291.0	0.167	0.014	2.5	2.5	0.03	
			A0977414	291.0	292.5	0.218	0.014	2.5	2.5	0.03	1-2mm patches of pn+hz occur
			A0977415	292.5	294.0	0.222	0.014	2.5	2.5	0.04	
			A0977416	294.0	295.5	0.217	0.012	2.5	2.5	0.03	
			A0977417	295.5	297.0	0.212	0.013	2.5	6	0.04	
			A0977419	297.0	298.5	0.19	0.016	2.5	2.5	0.06	
			A0977420	298.5	300.0	0.199	0.014	2.5	2.5	0.03	
			A0977421	300.0	301.5	0.188	0.013	2.5	2.5	0.04	

A0977422	301.5	303.0	0.209	0.012	2.5	2.5	0.04
A0977423	303.0	304.5	0.216	0.012	2.5	2.5	0.03
A0977424	304.5	306.0	0.205	0.013	2.5	2.5	0.04
A0977425	306.0	307.5	0.213	0.012	2.5	2.5	0.04
A0977426	307.5	309.0	0.212	0.017	2.5	2.5	0.07
A0977427	309.0	310.5	0.21	0.012	2.5	2.5	0.04

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977428	310.5	312.0	0.215	0.014	2.5	2.5	0.08	
			A0977429	312.0	313.5	0.213	0.013	2.5	2.5	0.03	
			A0977430	313.5	315.0	0.216	0.013	2.5	2.5	0.04	
			A0977431	315.0	316.5	0.23	0.014	2.5	2.5	0.05	
			A0977432	316.5	318.0	0.201	0.014	2.5	2.5	0.05	
			A0977434	318.0	319.5	0.211	0.014	2.5	2.5	0.06	
			A0977435	319.5	321.0	0.216	0.013	2.5	2.5	0.06	
			A0977436	321.0	322.5	0.231	0.014	2.5	2.5	0.06	
			A0977437	322.5	324.0	0.214	0.014	2.5	2.5	0.05	
			A0977438	324.0	325.5	0.213	0.014	2.5	2.5	0.07	
			A0977439	325.5	327.0	0.196	0.014	2.5	2.5	0.04	
			A0977440	327.0	328.5	0.195	0.013	2.5	2.5	0.06	
			A0977441	328.5	330.0	0.2	0.013	2.5	2.5	0.04	
			A0977442	330.0	331.5	0.214	0.015	2.5	2.5	0.06	
			A0977443	331.5	333.0	0.199	0.013	2.5	2.5	0.05	
			A0977445	333.0	334.5	0.206	0.013	2.5	2.5	0.05	
			A0977446	334.5	336.0	0.191	0.012	2.5	2.5	0.05	
			A0977447	336.0	337.5	0.201	0.013	2.5	2.5	0.05	
			A0977448	337.5	339.0	0.199	0.012	26	5	0.06	
			A0977449	339.0	340.5	0.197	0.015	2.5	2.5	0.05	
			A0977450	340.5	342.0	0.168	0.015	13	15	0.05	
			A0977451	342.0	343.5	0.188	0.016	8	11	0.07	
			A0977452	343.5	345.0	0.21	0.016	2.5	2.5	0.08	fault zone, difficult to tell
			A0977453	345.0	346.5	0.205	0.018	2.5	2.5	0.08	fault zone, difficult to tell
			A0977454	346.5	348.0	0.204	0.015	18	65	0.08	
			A0977455	348.0	349.5	0.198	0.013	2.5	36	0.08	
			A0977456	349.5	351.0	0.206	0.013	9	12	0.07	
			A0977457	351.0	352.5	0.183	0.014	6	2.5	0.07	
			A0977458	352.5	354.0	0.189	0.015	2.5	2.5	0.06	
			A0977460	354.0	355.5	0.186	0.012	2.5	2.5	0.07	
			A0977461	355.5	357.0	0.178	0.013	2.5	2.5	0.08	
			A0977462	357.0	358.5	0.176	0.012	2.5	9	0.07	

Project: Crawford Nickel **Hole Number:** CR20-35

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977463	358.5	360.0	0.159	0.013	8	2.5	0.06	
360	**390**	**UP1, Peridotite**	A0977464	360.0	361.5	0.15	0.014	2.5	5	0.06	
grades from above into dark green spotted white, fg-mg, mesocumulate to massive crystalline, moderately weakly serpentinized, very weakly carbonitized, pervasively strong to moderately magnetic, peridotite			A0977465	361.5	363.0	0.109	0.013	94	42	0.04	
			A0977466	363.0	364.5	0.073	0.015	317	204	0.03	
serpentinization is pervasive interstitial light apple green sr+mt 1-2%			A0977467	364.5	366.0	0.087	0.016	183	112	0.03	
chrysotile is weak and restricted to wispy fr stringers generally found in patches up to 2% but generally <1%			A0977468	366.0	367.5	0.067	0.014	86	38	0.03	
Ni min = 0.1-1% vf-f disseminated pn+hz			A0977469	367.5	369.0	0.048	0.011	157	134	0.03	
cumulate ol grains ~70% are anhedral to subhedral 2-4mm in diameter surrounded by interstitial cream white opx ~30%			A0977471	369.0	370.5	0.042	0.009	82	138	0.04	
			A0977472	370.5	372.0	0.058	0.012	151	202	0.02	PGE's?
patches of cg-vcg apple green to white pyroxenite up to 7cm in diameter pred. 4-5cm (occurs @ 368.3-369.7 and 377.3-378) appears to contain and be associated w/ malleable silvery mineralization looks like pge but could be aw			A0977473	372.0	373.5	0.093	0.013	141	154	0.06	
			A0977474	373.5	375.0	0.08	0.013	247	129	0.04	PGE's?
			A0977475	375.0	376.5	0.055	0.011	1790	879	0.02	
			A0977476	376.5	378.0	0.056	0.011	469	225	0.04	
			A0977478	378.0	379.5	0.068	0.013	103	79	0.05	
			A0977479	379.5	381.0	0.076	0.014	91	94	0.04	
			A0977480	381.0	382.5	0.076	0.014	105	131	0.04	
			A0977481	382.5	384.0	0.073	0.013	134	201	0.05	
			A0977482	384.0	385.5	0.071	0.014	103	98	0.04	PGE's?
			A0977483	385.5	387.0	0.071	0.012	129	128	0.05	
			A0977485	387.0	388.5	0.064	0.014	105	85	0.04	
			A0977486	388.5	390.0	0.072	0.013	89	62	0.05	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Crawford Nickel					**Hole Number:**	CR20-36
Easting:	474103	**Length:**	483	**Target:**	East	**Drilling Company:**	NPLH Drilling
Northing:	5409799	**Azimuth:**	360	**Core Size:**	NQ	**Drilling Start:**	Mar-30-2020
Elevation:	277.0924	**Dip:**	-50	**Logged By:**	Karin Ostler	**Drilling Completed:**	Apr-05-2020
				Tenure Number:	PAT-49969		

Comments:

From	To	Lithology
0	**33**	**OVB, Overburden**
33	**110.4**	**UP1, Peridotite** Very dark grey to black w/ patchy medium grey, fg-mg, massive mesocumulate peridotite. Local weak to mod patchy cumulate textures. Strongly magnetic. Weak to mod-weak fracture controlled serp alt'n w/ very local patchy serp, serp alt'n becomes more mod towards lower contact.. 5-7% mag+ serp +/- chrys, talc strgrs up to 2cm TT @ various angles (20-60 deg TCA, irreg). Sepr varies from dark, translucent, apple green to emerald green. Laminated serp also present. From 48-80m, many tiny chrys microfract @ various angles (30,35,45, 50, 55 deg TCA). Tr carb ff locally. Tr very fg pent/hazel locally. 1-3% fg diss mag + stgrs. Overall, unit is weak to moderately competent with 15-20% Broken core @ 40.4-47.7m; 35% BC @ 56.7-60m; amd 50% BC@ 74-78.2m; BC 2 84-84.5M; BC/laminated serp @ 88.2-88.3m; 85% bc/rubble @ 92.4-92.8. Broken core, serp, and rubble observed in all these intervals. Minor Fault w/ uct @ 30 deg TCA @ 53.4-53.5m w/ gouge. Few pinkish-grey to greenish-grey fg felsite sykes @ 40.6m, 54.8m, and 69.1m from 3cm-6cm TT @ 20-60 deg TCA observed. Unit has a gradational lower contact- intercalated w/ minor dunites proximal to lct.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
B11460	33.0	34.5	0.171	0.012	9	13	0.01	
B11461	34.5	36.0	0.167	0.012	13	10	0.005	
B11462	36.0	37.5	0.172	0.013	15	24	0.005	
B11463	37.5	39.0	0.176	0.013	2.5	8	0.01	
B11464	39.0	40.5	0.178	0.012	2.5	2.5	0.005	
B11465	40.5	42.0	0.17	0.012	2.5	2.5	0.005	
B11466	42.0	43.5	0.159	0.012	2.5	2.5	0.01	
B11467	43.5	45.0	0.183	0.013	6	2.5	0.005	
B11469	45.0	46.5	0.196	0.013	2.5	2.5	0.005	
B11470	46.5	48.0	0.168	0.014	5	2.5	0.01	
B11471	48.0	49.5	0.179	0.013	2.5	2.5	0.02	
B11472	49.5	51.0	0.188	0.013	6	2.5	0.02	
B11473	51.0	52.5	0.172	0.013	2.5	2.5	0.005	
B11474	52.5	54.0	0.188	0.012	49	45	0.005	
B11475	54.0	55.5	0.185	0.013	11	10	0.005	
B11476	55.5	57.0	0.191	0.014	11	30	0.02	
B11477	57.0	58.5	0.186	0.014	8	10	0.02	
B11478	58.5	60.0	0.183	0.013	33	65	0.005	
B11479	60.0	61.5	0.181	0.011	2.5	2.5	0.01	
B11480	61.5	63.0	0.183	0.013	5	2.5	0.01	
B11481	63.0	64.5	0.178	0.014	2.5	2.5	0.005	
B11482	64.5	66.0	0.175	0.014	16	16	0.03	
B11483	66.0	67.5	0.194	0.014	2.5	2.5	0.02	
B11485	67.5	69.0	0.184	0.014	6	2.5	0.01	

Project: Crawford Nickel **Hole Number:** CR20-36

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11486	69.0	70.5	0.179	0.012	2.5	2.5	0.02	
			B11487	70.5	72.0	0.182	0.013	2.5	2.5	0.005	
			B11489	72.0	73.5	0.181	0.013	2.5	2.5	0.01	
			B11490	73.5	75.0	0.198	0.014	2.5	2.5	0.02	
			B11491	75.0	76.5	0.176	0.015	2.5	2.5	0.01	
			B11492	76.5	78.0	0.192	0.013	2.5	2.5	0.005	
			B11493	78.0	79.5	0.177	0.013	6	2.5	0.005	
			B11494	79.5	81.0	0.151	0.013	6	2.5	0.005	
			B11495	81.0	82.5	0.172	0.012	9	2.5	0.005	
			B11496	82.5	84.0	0.174	0.013	2.5	7	0.005	
			B11497	84.0	85.5	0.187	0.016	7	15	0.005	
			B11498	85.5	87.0	0.168	0.014	10	14	0.005	
			B11499	87.0	88.5	0.151	0.014	6	7	0.005	
			B11500	88.5	90.0	0.15	0.015	2.5	2.5	0.005	
			B11501	90.0	91.5	0.156	0.014	6	2.5	0.005	
			B11502	91.5	93.0	0.155	0.016	2.5	5	0.005	
			B11504	93.0	94.5	0.158	0.014	2.5	2.5	0.005	
			B11505	94.5	96.0	0.158	0.015	2.5	2.5	0.005	
			B11506	96.0	97.5	0.16	0.016	2.5	2.5	0.03	
			B11507	97.5	99.0	0.158	0.014	5	2.5	0.005	
			B11508	99.0	100.5	0.159	0.015	2.5	2.5	0.005	
			B11509	100.5	102.0	0.159	0.015	6	2.5	0.01	
			B11510	102.0	103.5	0.179	0.014	5	2.5	0.005	
			B11511	103.5	105.0	0.174	0.015	2.5	2.5	0.005	
			B11512	105.0	106.5	0.167	0.015	7	2.5	0.005	

B11513	106.5	108.0	0.165	0.013	2.5	2.5	0.005
B11514	108.0	109.5	0.203	0.014	2.5	2.5	0.005
B11515	109.5	111.0	0.2	0.015	2.5	2.5	0.005

110.4 289.5 UP2, Dunite

Dark grey to black w/ patchy olive-brown, mg, massive, adcumulate, strongly magnetic dunite. Moderate fracture-controlled serp alt'n increasing to mod-strong below 204.0m. Below 247m, alt'n is more mod patchy frac-controlled and is mod-weak below 260m. Chrys microfractures regularly occuring throughout from 114.8-180m @ various angles (20,30,65,70 deg TCA) w/ patchy local microfract below- up to 5% chrys microfrac @ 212.8-216m. Up to 2-3% interstitial pyrox

B11515	109.5	111.0	0.2	0.015	2.5	2.5	0.005
B11516	111.0	112.5	0.206	0.015	6	5	0.005
B11517	112.5	114.0	0.221	0.014	2.5	2.5	0.005
B11518	114.0	115.5	0.219	0.015	2.5	2.5	0.02

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From	To	Lithology
		observed to ~180m, increasing to 5-7% proximal to lct. 5-10% serp+mag stgrs up to 1-3cm TT @ various angles; many par TCA, many irreg and some @ 40-70deg TCA.Serp stgrs decrease to 2-5% below 247m. Tr-0.5% very fg diss pent/hazel throughout increasing to 0.5-1% below 207.0m, very patchy tr Aw observed locally. 1-3% very fg interstcdiss/stgr magnetite. Weak to moderate core competency increasing to moderate to moderately-strong with depth below 137m. 50% BC and rubble @ 110.9-111.5m; 35%BC/gouge @ 117.6-121.2m; 25% BC/gouge @ 127.2-128.7m; 90% BC/rubble @ 131.3-132m; and 85% BC/rubble @ 133.0-133.9m. Fault @ 136.3-137.1m w/ serp and gouge; fault @ 146.9-147m w/ serp & gouge; fault @ 164.5-165m; fault @ 171.4-171.5m; fault @ 229.5-230.4m. Annealed faults @ 161.9-162.2m; 170.4-170.7m; and 245.8m Unit has a gradationallower contact.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
B11519	115.5	117.0	0.223	0.015	2.5	2.5	0.01	
B11521	117.0	118.5	0.228	0.014	7	2.5	0.04	
B11522	118.5	120.0	0.232	0.014	2.5	2.5	0.02	
B11523	120.0	121.5	0.242	0.013	2.5	2.5	0.02	
B11524	121.5	123.0	0.248	0.013	2.5	2.5	0.02	
B11525	123.0	124.5	0.234	0.013	2.5	2.5	0.02	
B11526	124.5	126.0	0.231	0.013	2.5	5	0.03	
B11527	126.0	127.5	0.234	0.014	2.5	8	0.02	
B11528	127.5	129.0	0.244	0.012	2.5	22	0.04	
B11530	129.0	130.5	0.244	0.012	6	2.5	0.03	
B11531	130.5	132.0	0.247	0.012	2.5	6	0.03	
B11532	132.0	133.5	0.227	0.012	2.5	2.5	0.03	
B11533	133.5	135.0	0.251	0.012	2.5	2.5	0.05	
B11534	135.0	136.5	0.241	0.011	2.5	6	0.03	
B11535	136.5	138.0	0.233	0.012	2.5	2.5	0.03	
B11537	138.0	139.5	0.231	0.012	2.5	2.5	0.02	
B11538	139.5	141.0	0.254	0.013	2.5	2.5	0.03	
B11539	141.0	142.5	0.236	0.012	2.5	2.5	0.03	JG updated to core sample based on tech comments and cert values.
B11540	142.5	144.0	0.253	0.013	2.5	2.5	0.03	
B11541	144.0	145.5	0.274	0.014	2.5	2.5	0.02	
B11542	145.5	147.0	0.234	0.013	2.5	2.5	0.02	
B11543	147.0	148.5	0.238	0.012	2.5	2.5	0.03	
B11544	148.5	150.0	0.248	0.013	2.5	2.5	0.03	
B11545	150.0	151.5	0.268	0.014	2.5	10	0.04	
B11546	151.5	153.0	0.269	0.013	2.5	2.5	0.04	
B11547	153.0	154.5	0.278	0.014	2.5	2.5	0.02	

B11548	154.5	156.0	0.253	0.013	2.5	2.5	0.02
B11549	156.0	157.5	0.248	0.012	2.5	2.5	0.02
B11550	157.5	159.0	0.272	0.013	2.5	2.5	0.05
B11551	159.0	160.5	0.28	0.013	2.5	2.5	0.07
B11552	160.5	162.0	0.267	0.013	2.5	2.5	0.04

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11553	162.0	163.5	0.242	0.012	2.5	2.5	0.03	
			B11554	163.5	165.0	0.277	0.013	2.5	2.5	0.05	
			B11555	165.0	166.5	0.265	0.013	2.5	2.5	0.03	
			B11556	166.5	168.0	0.257	0.012	2.5	2.5	0.03	
			B11557	168.0	169.5	0.259	0.013	2.5	2.5	0.02	
			B11558	169.5	171.0	0.253	0.013	2.5	2.5	0.04	
			B11559	171.0	172.5	0.288	0.014	2.5	2.5	0.03	
			B11560	172.5	174.0	0.316	0.012	2.5	2.5	0.05	
			B11561	174.0	175.5	0.285	0.012	2.5	2.5	0.02	
			B11562	175.5	177.0	0.281	0.013	2.5	2.5	0.005	
			B11565	177.0	178.5	0.285	0.012	2.5	2.5	0.005	
			B11566	178.5	180.0	0.303	0.012	2.5	2.5	0.03	
			B11567	180.0	181.5	0.295	0.012	2.5	2.5	0.03	
			B11568	181.5	183.0	0.297	0.012	2.5	2.5	0.01	
			B11569	183.0	184.5	0.288	0.013	2.5	2.5	0.03	
			B11570	184.5	186.0	0.292	0.012	2.5	2.5	0.02	JG- updated to core sample from 72a- July 7, 2020 based on tech comments and cert values.
			B11571	186.0	187.5	0.294	0.013	2.5	2.5	0.02	
			B11572	187.5	189.0	0.294	0.012	2.5	2.5	0.03	
			B11573	189.0	190.5	0.29	0.013	2.5	2.5	0.03	
			B11574	190.5	192.0	0.3	0.012	2.5	2.5	0.04	
			B11575	192.0	193.5	0.289	0.012	2.5	2.5	0.04	
			B11577	193.5	195.0	0.283	0.012	2.5	2.5	0.03	
			B11578	195.0	196.5	0.295	0.012	2.5	2.5	0.03	
			B11579	196.5	198.0	0.278	0.013	2.5	2.5	0.02	

B11580	198.0	199.5	0.279	0.012	2.5	2.5	0.02
B11581	199.5	201.0	0.282	0.012	2.5	2.5	0.02
B11582	201.0	202.5	0.293	0.013	2.5	2.5	0.03
B11583	202.5	204.0	0.284	0.012	2.5	2.5	0.08
B11584	204.0	205.5	0.292	0.013	2.5	2.5	0.06
B11585	205.5	207.0	0.295	0.013	2.5	2.5	0.04
B11586	207.0	208.5	0.287	0.013	2.5	2.5	0.05

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11587	208.5	210.0	0.304	0.013	2.5	2.5	0.08	
			B11588	210.0	211.5	0.291	0.013	2.5	2.5	0.06	
			B11589	211.5	213.0	0.289	0.013	2.5	2.5	0.04	
			B11590	213.0	214.5	0.27	0.013	2.5	2.5	0.07	
			B11591	214.5	216.0	0.268	0.012	2.5	2.5	0.07	
			B11592	216.0	217.5	0.294	0.012	2.5	2.5	0.02	
			B11593	217.5	219.0	0.276	0.012	2.5	2.5	0.06	
			B11595	219.0	220.5	0.278	0.013	2.5	2.5	0.03	
			B11596	220.5	222.0	0.3	0.013	2.5	2.5	0.05	
			B11597	222.0	223.5	0.287	0.012	2.5	2.5	0.05	
			B11598	223.5	225.0	0.291	0.012	2.5	2.5	0.05	
			B11600	225.0	226.5	0.294	0.011	2.5	2.5	0.06	
			B11601	226.5	228.0	0.283	0.009	2.5	2.5	0.07	
			B11602	228.0	229.5	0.299	0.017	2.5	2.5	0.1	
			B11603	229.5	231.0	0.309	0.014	2.5	2.5	0.11	
			B11604	231.0	232.5	0.268	0.012	2.5	2.5	0.09	
			B11605	232.5	234.0	0.282	0.015	2.5	2.5	0.11	
			B11606	234.0	235.5	0.26	0.013	2.5	2.5	0.11	
			B11607	235.5	237.0	0.28	0.014	2.5	7	0.13	
			B11609	237.0	238.5	0.284	0.014	2.5	2.5	0.17	
			B11610	238.5	240.0	0.258	0.013	2.5	2.5	0.16	
			B11611	240.0	241.5	0.326	0.015	2.5	10	0.22	
			B11612	241.5	243.0	0.521	0.017	148	173	0.34	
			B11613	243.0	244.5	0.302	0.012	19	20	0.25	
			B11614	244.5	246.0	0.64	0.02	27	49	0.4	
			B11615	246.0	247.5	0.399	0.017	53	187	0.29	
			B11616	247.5	249.0	0.262	0.015	10	24	0.2	
			B11617	249.0	250.5	0.199	0.013	2.5	2.5	0.17	
			B11618	250.5	252.0	0.193	0.013	2.5	2.5	0.14	
			B11619	252.0	253.5	0.185	0.013	2.5	2.5	0.14	
			B11620	253.5	255.0	0.136	0.012	2.5	2.5	0.14	
			B11621	255.0	256.5	0.159	0.014	2.5	2.5	0.12	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11622	256.5	258.0	0.138	0.013	2.5	2.5	0.12	
			B11623	258.0	259.5	0.151	0.014	2.5	2.5	0.11	
			B11624	259.5	261.0	0.153	0.013	2.5	2.5	0.12	
			B11625	261.0	262.5	0.15	0.014	2.5	2.5	0.11	
			B11626	262.5	264.0	0.161	0.013	2.5	2.5	0.1	
			B11628	264.0	265.5	0.178	0.014	2.5	2.5	0.12	
			B11629	265.5	267.0	0.207	0.013	2.5	2.5	0.13	
			B11630	267.0	268.5	0.199	0.013	2.5	2.5	0.14	
			B11631	268.5	270.0	0.184	0.012	2.5	2.5	0.13	
			B11632	270.0	271.5	0.188	0.013	2.5	2.5	0.13	
			B11634	271.5	273.0	0.185	0.013	2.5	2.5	0.13	
			B11635	273.0	274.5	0.271	0.014	2.5	2.5	0.12	
			B11636	274.5	276.0	0.183	0.014	11	29	0.13	
			B11637	276.0	277.5	0.18	0.015	23	51	0.11	
			B11638	277.5	279.0	0.173	0.015	39	9	0.11	
			B11639	279.0	280.5	0.145	0.014	23	14	0.1	
			B11640	280.5	282.0	0.153	0.015	2.5	2.5	0.1	
			B11641	282.0	283.5	0.167	0.016	2.5	2.5	0.1	
			B11642	283.5	285.0	0.155	0.015	2.5	2.5	0.09	
			B11643	285.0	286.5	0.157	0.014	2.5	2.5	0.1	
			B11644	286.5	288.0	0.161	0.014	2.5	2.5	0.1	
			B11645	288.0	289.5	0.154	0.014	2.5	2.5	0.09	
289.5	**302.7**	**UP1, Peridotite**	lct @ 55 deg	B11646		289.5	291.0				
Very dark-grey to black, mg, massive, peridotite, strongly magnetic,orthocumulate peridotite. Mod patchy fracture-controlled alt'n. 3% serp+ chrys+ mag stgrs up to 1cm TT @ 20-40 deg TCA. Unit appears to be comprised of ~ 70% olivine & ~20% inst pyx. 0.5-1% very fine grained diss pent/hz. 1-3% fg diss mag/stgr. Annealed fault @ 299.8-299.8m. Unit is intermixed w/ minor pyroxenite towards lower contact. Sharp			B11648	291.0	292.5	0.148	0.014	2.5	2.5	0.08	
			B11649			292.5	294.0				
			B11650	294.0	295.5	0.133	0.014	2.5	2.5	0.09	
			B11651			295.5	297.0				

0.145	0.014	2.5	2.5	0.1			0.014		5	0.09			
0.146	0.014	2.5	13	0.09	0.127		2.5		2.5				
						B11652	297.0	298.5	0.129	0.015	26	34	0.08
						B11653	298.5	300.0	0.104	0.014	24	2.5	0.09
						B11654	300.0	301.5	0.09	0.015	8	2.5	0.06
						B11655	301.5	303.0	0.062	0.013	96	71	0.07
302.7	**318.3**	**UP4, Pyroxenite**				B11655	301.5	303.0	0.062	0.013	96	71	0.07
Med grey to grey-green, fg-mg, massive non-magnetic pyroxenite. Patchy													

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		snowflake texture proximal to upper contact. Overall, mod-weak ptchy frc-controlled serp alt'n w/ patchy strong frc serp alt'n.~2% serp+chrys strgs less than 1cm TT @ 0-35 deg TCA. ~1-2% mg-cg pink-cream px phenocrysts throughout. Tr-0.5% vfg pent/hz w/ possible tr patchy Aw. No mag observed. Gradational intermixed lower contact. Unit is strongly competent.	B11656	303.0	304.5	0.028	0.007	33	2.5	0.04	
			B11657	304.5	306.0	0.031	0.007	44	33	0.25	
			B11658	306.0	307.5	0.025	0.006	9	2.5	0.02	
			B11659	307.5	309.0	0.024	0.006	13	2.5	0.03	
			B11660	309.0	310.5	0.024	0.006	10	2.5	0.06	
			B11661	310.5	312.0	0.024	0.006	9	2.5	0.11	
			B11662	312.0	313.5	0.025	0.006	2.5	2.5	0.14	
			B11663	313.5	315.0	0.033	0.007	2.5	2.5	0.22	
			B11665	315.0	316.5	0.028	0.007	2.5	2.5	0.18	
			B11666	316.5	318.0	0.024	0.007	2.5	2.5	0.11	
			B11667	318.0	319.5	0.021	0.006	2.5	2.5	0.07	
318.3	**372.9**	**MP1, Gabbro**	B11667	318.0	319.5	0.021	0.006	2.5	2.5	0.07	
		White-green, mottled fg-mg, massive, non-magnetic leucogabbro. Unit is intercalated w/ ~15-20% pyroxenites which are fg-mg, massive, medium grey and non-magnetic. Very weak patchy serp alt'n, w/ mod-strong patchy sericite and frac fill chlorite alt'n. Generally leucogabbro has nil-tr vf-fg Ni mineralisation w/ Tr- 0.1% vfg-fg Pn/Po locally. Pyroxenites are intercalated @ 319.1-320.3m; 332.3-333.7m; 359-362.5m; and 367.2-371.3m. Up to 1% Pn/Hz observed in the pyroxenites proximal to the contacts w/ leucogabbro. ~2-3% qtz stgrs+veinlets up to 3cm TT @ various angles. Small fault @ 372.55m w/ 1cm of gouge @ 65 deg TCA. Unit has an intermixed, gradational lower contact. Core is strongly competent.	B11668	319.5	321.0	0.023	0.006	2.5	2.5	0.11	
			B11670	321.0	322.5	0.011	0.005	2.5	2.5	0.01	
			B11671	322.5	324.0	0.011	0.005	2.5	2.5	0.03	
			B11672	324.0	325.5	0.011	0.005	2.5	2.5	0.02	
			B11673	325.5	327.0	0.013	0.005	2.5	2.5	0.04	
			B11674	327.0	328.5	0.009	0.004	2.5	2.5	0.02	
			B11675	328.5	330.0	0.012	0.005	2.5	2.5	0.06	
			B11676	330.0	331.5	0.009	0.004	2.5	2.5	0.02	
			B11677	331.5	333.0	0.021	0.006	2.5	2.5	0.06	
			B11678	333.0	334.5	0.022	0.007	2.5	2.5	0.2	
			B11679	334.5	336.0	0.009	0.004	2.5	2.5	0.02	
			B11681	336.0	337.5	0.009	0.005	2.5	2.5	0.05	
			B11682	337.5	339.0	0.009	0.004	2.5	2.5	0.01	
			B11683	339.0	340.5	0.009	0.004	2.5	2.5	0.04	

B11684	340.5	342.0	0.01	0.004	2.5	2.5	0.02
B11685	342.0	343.5	0.009	0.004	2.5	2.5	0.02
B11686	343.5	345.0	0.01	0.005	2.5	2.5	0.02
B11687	345.0	346.5	0.009	0.004	2.5	2.5	0.03
B11688	346.5	348.0	0.008	0.004	2.5	2.5	0.05
B11689	348.0	349.5	0.009	0.005	2.5	2.5	0.07

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11690	349.5	351.0	0.006	0.004	2.5	2.5	0.04	
			B11691	351.0	352.5	0.015	0.005	2.5	2.5	0.08	
			B11692	352.5	354.0	0.008	0.005	2.5	2.5	0.06	
			B11694	354.0	355.5	0.013	0.005	2.5	2.5	0.09	
			B11695	355.5	357.0	0.009	0.006	2.5	2.5	0.02	
			B11696	357.0	358.5	0.013	0.006	2.5	2.5	0.05	
			B11697	358.5	360.0	0.011	0.006	2.5	2.5	0.07	
			B11698	360.0	361.5	0.009	0.006	2.5	2.5	0.04	
			B11699	361.5	363.0	0.011	0.006	2.5	2.5	0.02	
			B11700	363.0	364.5	0.01	0.006	2.5	2.5	0.02	
			B11701	364.5	366.0	0.009	0.005	2.5	2.5	0.04	
			B11703	366.0	367.5	0.011	0.005	2.5	2.5	0.03	
			B11704	367.5	369.0	0.015	0.007	6	6	0.22	
			B11705	369.0	370.5	0.009	0.006	6	5	0.08	
			B11706	370.5	372.0	0.0025	0.005	2.5	2.5	0.02	
			B11707	372.0	373.5	0.019	0.007	2.5	2.5	0.06	
372.9	**432.3**	**UP1, Peridotite** Dark grey to black, fg-mg, massive orthocumulate to mesocumulate. Unit is very strongly magnetic. Weak to moderate, very patchy serp alt'n. Unit is comprised of ~1% serp + mag +/- talc, chrys less than 1cm TT @ 20-60 deg TCA. Serp is verk dark green to translucent to light green. 3-5% instit blebby magnetite. 0.1-1% very fg to fg Pn/Hz. Unit is strongly competent. Unit has a gradational lower contact. Possible soft malleable silverish mineral @ 423.4m- but likely from drill bit*	B11708	373.5	375.0	0.119	0.017	8	15	0.16	
			B11710	375.0	376.5	0.12	0.015	8	16	0.1	
			B11711	376.5	378.0	0.137	0.015	13	21	0.1	
			B11712	378.0	379.5	0.13	0.012	9	15	0.06	
			B11713	379.5	381.0	0.132	0.013	11	19	0.08	
			B11714	381.0	382.5	0.104	0.012	10	17	0.08	
			B11715	382.5	384.0	0.077	0.009	7	12	0.05	
			B11716	384.0	385.5	0.116	0.014	7	13	0.08	
			B11717	385.5	387.0	0.125	0.015	7	13	0.08	
			B11718	387.0	388.5	0.079	0.01	2.5	8	0.05	

B11719	388.5	390.0	0.114	0.014	6	12	0.05
B11720	390.0	391.5	0.117	0.013	11	12	0.05
B11721	391.5	393.0	0.097	0.012	9	12	0.06
B11722	393.0	394.5	0.113	0.015	10	11	0.05
B11723	394.5	396.0	0.124	0.016	2.5	10	0.04

Project: Crawford Nickel **Hole Number:** CR20-36

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11724	396.0	397.5	0.138	0.015	2.5	10	0.06	
			B11725	397.5	399.0	0.141	0.014	2.5	7	0.03	
			B11727	399.0	400.5	0.14	0.015	2.5	9	0.04	
			B11728	400.5	402.0	0.14	0.014	2.5	8	0.05	
			B11729	402.0	403.5	0.141	0.015	6	6	0.03	
			B11730	403.5	405.0	0.136	0.012	5	8	0.07	
			B11731	405.0	406.5	0.133	0.011	2.5	6	0.03	
			B11732	406.5	408.0	0.143	0.012	2.5	5	0.02	
			B11733	408.0	409.5	0.14	0.012	2.5	7	0.04	
			B11735	409.5	411.0	0.138	0.012	2.5	8	0.04	
			B11736	411.0	412.5	0.117	0.012	2.5	11	0.03	
			B11737	412.5	414.0	0.119	0.012	5	10	0.03	
			B11738	414.0	415.5	0.12	0.012	2.5	12	0.02	
			B11739	415.5	417.0	0.123	0.012	2.5	9	0.03	
			B11740	417.0	418.5	0.109	0.013	2.5	15	0.03	
			B11741	418.5	420.0	0.105	0.014	6	11	0.03	
			B11742	420.0	421.5	0.105	0.015	2.5	11	0.04	
			B11743	421.5	423.0	0.102	0.015	2.5	7	0.04	
			B11744	423.0	424.5	0.107	0.014	2.5	8	0.04	
			B11745	424.5	426.0	0.102	0.014	2.5	7	0.04	
			B11747	426.0	427.5	0.099	0.013	2.5	6	0.04	
			B11748	427.5	429.0	0.068	0.011	2.5	15	0.03	
			B11749	429.0	430.5	0.079	0.012	2.5	7	0.12	
			B11750	430.5	432.0	0.053	0.01	16	17	0.22	
432.3	**476.6**	**UP4, Pyroxenite**									Med-dark grey to light-med green-grey, fg-mg, massive Pyroxenite. Generally unit is non-magnetic w/ minor patchy magnetic zones prox to upper contact. Weak patchy serp alt'n w/ <1% irreg, fract fill serp stgrs up to 1cm TT. Unit also has ~ 0.5% irreg fract fill carb stgrs.

Tr-0.5% very fg-fg Pn/Hz. Tr Cpy and Po also observed.
Fault @ 459.6-460.0m w/ uct @ 45 deg TCA. Broken, rubbly core observed @ 462.1-462.2m;462.5-462.6m; 468.9-469.1m. Overall, core is mod-strongly competnet w/ weak to mod competncy @ 459-469m. Unit has a sharp lower contact @ 40 deg TCA.

B11751	432.0	433.5	0.03	0.006	159	113	0.005
B11751	432.0	433.5	0.03	0.006	159	113	0.005
B11752	433.5	435.0	0.039	0.006	331	205	0.01
B11753	435.0	436.5	0.048	0.006	187	117	0.02
B11754	436.5	438.0	0.045	0.007	59	42	0.03
B11755	438.0	439.5	0.069	0.01	8	11	0.34
B11756	439.5	441.0	0.075	0.011	6	12	0.27
B11757	441.0	442.5	0.062	0.01	7	11	0.13

Project: Crawford Nickel **Hole Number:** CR20-36

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			B11758	442.5	444.0	0.057	0.009	6	9	0.04	
			B11759	444.0	445.5	0.06	0.01	2.5	8	0.3	
			B11760	445.5	447.0	0.055	0.008	2.5	6	0.04	
			B11761	447.0	448.5	0.052	0.008	2.5	5	0.01	
			B11762	448.5	450.0	0.055	0.009	6	6	0.04	
			B11764	450.0	451.5	0.052	0.008	2.5	6	0.02	
			B11765	451.5	453.0	0.054	0.009	2.5	5	0.05	
			B11766	453.0	454.5	0.056	0.01	2.5	2.5	0.05	
			B11767	454.5	456.0	0.054	0.009	2.5	6	0.1	
			B11768	456.0	457.5	0.047	0.008	2.5	2.5	0.04	
			B11769	457.5	459.0	0.045	0.008	2.5	2.5	0.07	
			B11770	459.0	460.5	0.048	0.008	2.5	2.5	0.05	
			B11772	460.5	462.0	0.05	0.009	2.5	5	0.08	
			B11773	462.0	463.5	0.055	0.009	2.5	2.5	0.03	
			B11774	463.5	465.0	0.043	0.008	2.5	2.5	0.04	
			B11775	465.0	466.5	0.042	0.008	6	2.5	0.07	
			B11776	466.5	468.0	0.038	0.007	5	2.5	0.04	
			B11777	468.0	469.5	0.039	0.007	2.5	2.5	0.03	
			B11778	469.5	471.0	0.039	0.008	12	11	0.13	
			B11779	471.0	472.5	0.04	0.007	10	10	0.04	
			B11780	472.5	474.0	0.039	0.007	2.5	2.5	0.08	
			B11782	474.0	475.5	0.042	0.008	18	18	0.04	
			B11783	475.5	477.0	0.033	0.007	26	23	0.04	
476.6	**483**	**MP1, Gabbro**	B11783	475.5	477.0	0.033	0.007	26	23	0.04	
Mottled green-cream, massive, fg-mg, patchy weakly magnetic leucogabbro. Unit is altered (chlorite + mag?) w/ patchy weak carb bleaching and few fract fills. Unit is comprised of ~1-3% of frac fill mag+pn/po stgrs. ~3-5% grey qtz + carb w/ py and cpy @ 20-40 deg TCA up 1cm TT & also irregular. Ni Mineralisation generally occurs in more darker altered patches w/ up to 3-5% mg blebby Po+pn @ 480-480.3m Overall, unit is comprised of ~1% Ni mineralisation. Unit is strongly competent			B11784	477.0	478.5	0.029	0.006	43	35	0.06	
			B11785	478.5	480.0	0.029	0.006	70	53	0.2	
			B11786	480.0	481.5	0.023	0.007	46	38	0.83	
			B11787	481.5	483.0	0.017	0.007	26	21	0.14	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-37

Easting: 474903 **Length:** 492 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409728 **Azimuth:** 360 **Core Size:** NQ **Drilling Start:** Apr-05-2020

Elevation: 276.1623 **Dip:** -50 **Logged By:** Jennifer Gignac **Drilling Completed:** Apr-11-2020

Tenure Number: PAT-49981

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**27**	**OVB, Overburden**									
27	**40**	**UP1, Peridotite**	A0970697	27.0	28.5	0.181	0.01	2.5	2.5	0.03	
Dk gray to green peridotite, moderately magnetic, fractured section with local broke/gouge zones. Wk to mod serpentinite alteration associated with weak to mod carbonate + magnesite (white crystals) as stringers and fracture fills @ 30-50 LCA (<1%) Trace (<0.5%) of possiblle Pn+Hz agregates to disseminations in places. 29.10-29.20m- Fault Zone(broken core) 33.25 - 33.40m - Fault Zone(broken core) 34.00 - 34.30m - Fault Zone(broken core) serpentine + some bluish green (brucite?) fragments 34.6 - 34.75m - Fault Zone(broken core) 36.80 - 36.90m - Broken core 38.0 - 38.40m - Fault Zone(broken core)											
			A0970698	28.5	30.0	0.221	0.012	2.5	2.5	0.03	
			A0970699	30.0	31.5	0.219	0.012	2.5	2.5	0.03	
			A0970700	31.5	33.0	0.224	0.012	2.5	2.5	0.05	
			A0970701	33.0	34.5	0.22	0.012	2.5	2.5	0.02	
			A0970703	34.5	36.0	0.22	0.012	2.5	2.5	0.02	
			A0970704	36.0	37.5	0.229	0.012	2.5	2.5	0.03	
			A0970705	37.5	39.0	0.218	0.012	2.5	2.5	0.005	
			A0970706	39.0	40.5	0.16	0.012	2.5	2.5	0.02	
40	**81**	**UP1, Peridotite**	A0970706	39.0	40.5	0.16	0.012	2.5	2.5	0.02	
Dark gray to black, spotted white-green,fine-grained, moderately serpentinized, mesocumulate, strongly magnetic, peridotite rocks. The interval is massive with local fractured zones and broken core. Local sections display typical snowflake and poikilitic texture. Carbonitization is weak as fracture filling and stringers of cb <1% Serpentinization is weak to moderate, emerald green serpentine stringers/veinlets (30-60 LCA) and disseminated in places Magnetite as hairline / stringers and disseminations ranging 1-3% up to 5% in local sections Chrysotile (?) occurs as wispy, fracture fills / stringers ~1-2% in places Trace (<0.5%) of possibly disseminated vf pn+hz and locally trace aw 59.0 to 59.30m- Fault Zone (broken core) 61.80m to 62.10m - Fault Zone(broken core) 67.50m to 67.60m - Fault Zone(broken core) 70.90m to 71.0m - Fault Zone(broken core) 80.0m to 81.0m - Fault Zone(broken core) Lower section transitions into cumulate dunite.											
			A0970707	40.5	42.0	0.1	0.01	6	8	0.04	
			A0970708	42.0	43.5	0.114	0.01	6	7	0.005	
			A0970709	43.5	45.0	0.127	0.011	5	7	0.03	
			A0970711	45.0	46.5	0.143	0.011	7	7	0.005	
			A0970712	46.5	48.0	0.15	0.01	6	5	0.02	
			A0970713	48.0	49.5	0.173	0.012	5	2.5	0.02	
			A0970714	49.5	51.0	0.171	0.012	7	6	0.03	
			A0970715	51.0	52.5	0.174	0.013	7	7	0.02	
			A0970716	52.5	54.0	0.177	0.012	2.5	6	0.02	
			A0970717	54.0	55.5	0.18	0.013	2.5	5	0.005	
			A0970718	55.5	57.0	0.174	0.012	17	7	0.005	
			A0970719	57.0	58.5	0.178	0.013	8	9	0.02	
			A0970720	58.5	60.0	0.178	0.013	9	9	0.02	
			A0970722	60.0	61.5	0.167	0.013	2.5	6	0.04	

Project: Crawford Nickel **Hole Number:** CR20-37

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970723	61.5	63.0	0.18	0.013	2.5	8	0.005	
			A0970724	63.0	64.5	0.186	0.013	11	6	0.02	
			A0970725	64.5	66.0	0.183	0.012	2.5	10	0.04	
			A0970726	66.0	67.5	0.192	0.014	20	14	0.03	
			A0970727	67.5	69.0	0.204	0.014	6	14	0.02	
			A0970728	69.0	70.5	0.188	0.014	2.5	9	0.005	
			A0970729	70.5	72.0	0.187	0.013	2.5	6	0.005	
			A0970730	72.0	73.5	0.2	0.013	2.5	6	0.005	
			A0970731	73.5	75.0	0.189	0.014	17	6	0.005	
			A0970732	75.0	76.5	0.18	0.014	20	17	0.005	
			A0970733	76.5	78.0	0.186	0.014	2.5	8	0.005	
			A0970734	78.0	79.5	0.175	0.015	2.5	6	0.005	
			A0970735	79.5	81.0	0.236	0.014	5	2.5	0.04	
81	**234**	**UP2, Dunite** Dark gray to green,fine-grained to medium grained, adcumulate to crystalline, strongly magnetic, dunite rocks.The interval is generally massive,but locally fractured to faulted zones. About ~90% cumulates 1-2mm, 5% px, 3-5% serpentite+chrysolite+/-carbonate veinlets and stringers Carbonitization is weak to moderate in places with irregularly-oriented, veinlets/stringers as white to brownish carbonate up to 3%. Serpentinization (+/- chrysotile) is moderate to strong occuring as local patches and iregular-wispy veinlets/stringers (20-60 LCA). Magnetite as fine grained disseminations throughout the section and within stringers/ veinlets up to 5% Trace-minor up to 3% locally, very fine to finely disseminated, aggregates top local blebs of pn+hz+/-po trace-minor aw+/- cpy+/-native cu 83.20 to 84.0m- Fault Zone (broken core) near the gradational contact with peridotite. 140.35 - 140.70m - Fault Zone (broken core), brecciated texture, strong carbonate alteration overprinting serpentine. 178.80 - 179.40m - Massive core, breccia texture, weak to moderate serpentinization. 183.0 - 183.70m - Strongly serpentiized zone. Possible fault / gouge. 191.40- 192m - Strongly serpentiized zone. Possible fault / gouge. 207.0 - 207.80m - Strongly serpentiized zone. Possible fault 216.50 - 216.70m - Strongly serpentiized zone. Possible fault 218.60 - 218.90m - Strongly serpentiized zone. Possible fault 222 - 223.90m - Fault/Gouge Zone. Fluidized Texture.Strongly serpentized Disseminations to stringer/veinlet related nickel sulfide minaralization consisting of pn-hw+/-aw+/-po at 144m- 146m. Photos taken. Patches, fine to blebby sulphide pn/hw+/- aw disseminations from minor up to 3%.Chunks to blebby occurences of pn+hw from 192-197, with minor cpy grains in	A0970736	81.0	82.5	0.19	0.013	5	2.5	0.02	
			A0970737	82.5	84.0	0.239	0.013	2.5	2.5	0.04	
			A0970738	84.0	85.5	0.238	0.013	2.5	2.5	0.05	
			A0970739	85.5	87.0	0.23	0.013	2.5	2.5	0.03	
			A0970740	87.0	88.5	0.251	0.012	2.5	2.5	0.05	
			A0970741	88.5	90.0	0.248	0.012	2.5	2.5	0.04	
			A0970743	90.0	91.5	0.237	0.012	2.5	2.5	0.05	
			A0970744	91.5	93.0	0.244	0.014	2.5	2.5	0.04	
			A0970745	93.0	94.5	0.256	0.014	2.5	2.5	0.04	
			A0970746	94.5	96.0	0.245	0.013	2.5	2.5	0.04	
			A0970747	96.0	97.5	0.248	0.014	2.5	2.5	0.04	
			A0970748	97.5	99.0	0.272	0.013	2.5	12	0.07	
			A0970749	99.0	100.5	0.265	0.013	2.5	2.5	0.04	
			A0970750	100.5	102.0	0.261	0.014	2.5	2.5	0.04	
			A0970752	102.0	103.5	0.264	0.013	2.5	2.5	0.05	
			A0970753	103.5	105.0	0.238	0.013	2.5	2.5	0.03	
			A0970754	105.0	106.5	0.241	0.013	2.5	2.5	0.03	
			A0970755	106.5	108.0	0.252	0.013	2.5	2.5	0.03	
			A0970756	108.0	109.5	0.248	0.013	2.5	2.5	0.03	

Project: Crawford Nickel **Hole Number:** CR20-37

From	To	Lithology
		places. Native copper as fracture fills at 194.60m. From 237-255m, increasingly coarse grained dunite, locally displaying poikilytic to snowflake textures within a moderate to weak serpentinization.Nickel sulphides from minor to < 1% vf-fg disseminations and patches.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0970757	109.5	111.0	0.261	0.013	5	6	0.04	
A0970758	111.0	112.5	0.274	0.013	2.5	2.5	0.03	
A0970759	112.5	114.0	0.266	0.013	2.5	5	0.02	
A0970760	114.0	115.5	0.256	0.013	2.5	2.5	0.03	
A0970761	115.5	117.0	0.264	0.014	2.5	2.5	0.03	
A0970762	117.0	118.5	0.273	0.013	10	20	0.03	
A0970763	118.5	120.0	0.251	0.014	2.5	2.5	0.03	
A0970765	120.0	121.5	0.26	0.013	2.5	8	0.03	
A0970766	121.5	123.0	0.26	0.013	2.5	2.5	0.03	
A0970767	123.0	124.5	0.24	0.013	2.5	2.5	0.03	
A0970768	124.5	126.0	0.26	0.013	2.5	2.5	0.03	
A0970769	126.0	127.5	0.267	0.015	2.5	2.5	0.06	
A0970771	127.5	129.0	0.288	0.01	2.5	2.5	0.06	
A0970772	129.0	130.5	0.268	0.013	2.5	2.5	0.03	
A0970773	130.5	132.0	0.26	0.012	2.5	2.5	0.03	
A0970774	132.0	133.5	0.267	0.013	2.5	2.5	0.03	
A0970775	133.5	135.0	0.256	0.013	2.5	2.5	0.03	
A0970776	135.0	136.5	0.277	0.014	2.5	2.5	0.02	
A0970777	136.5	138.0	0.292	0.013	12	2.5	0.02	
A0970778	138.0	139.5	0.271	0.012	2.5	2.5	0.01	Fault zone
A0970779	139.5	141.0	0.255	0.014	2.5	2.5	0.005	
A0970781	141.0	142.5	0.259	0.012	2.5	2.5	0.02	
A0970782	142.5	144.0	0.277	0.012	2.5	2.5	0.02	
A0970783	144.0	145.5	0.272	0.012	2.5	2.5	0.02	
A0970784	145.5	147.0	0.264	0.013	2.5	2.5	0.02	
A0970785	147.0	148.5	0.308	0.014	2.5	2.5	0.02	

A0970786	148.5	150.0	0.285	0.012	2.5	2.5	0.03
A0970787	150.0	151.5	0.274	0.012	2.5	2.5	0.02
A0970788	151.5	153.0	0.28	0.012	2.5	2.5	0.03
A0970789	153.0	154.5	0.256	0.012	2.5	2.5	0.05
A0970791	154.5	156.0	0.27	0.013	2.5	2.5	0.01
A0970792	156.0	157.5	0.279	0.012	2.5	2.5	0.03

Project: Crawford Nickel **Hole Number:** CR20-37

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970793	157.5	159.0	0.271	0.013	2.5	2.5	0.01	
			A0970794	159.0	160.5	0.268	0.011	2.5	2.5	0.02	
			A0970795	160.5	162.0	0.266	0.011	2.5	2.5	0.02	
			A0970796	162.0	163.5	0.264	0.011	2.5	2.5	0.02	
			A0970797	163.5	165.0	0.386	0.011	2.5	19	0.05	
			A0970798	165.0	166.5	0.349	0.012	2.5	2.5	0.05	
			A0970799	166.5	168.0	0.289	0.012	2.5	2.5	0.03	
			A0970800	168.0	169.5	0.278	0.013	2.5	11	0.07	
			A0970801	169.5	171.0	0.294	0.012	2.5	2.5	0.04	
			A0970802	171.0	172.5	0.313	0.012	2.5	2.5	0.03	
			A0970803	172.5	174.0	0.285	0.012	2.5	2.5	0.02	
			A0970804	174.0	175.5	0.307	0.013	5	2.5	0.04	
			A0970805	175.5	177.0	0.291	0.011	2.5	2.5	0.03	
			A0970807	177.0	178.5	0.314	0.012	2.5	6	0.02	
			A0970808	178.5	180.0	0.298	0.012	2.5	2.5	0.03	
			A0970809	180.0	181.5	0.296	0.012	2.5	8	0.04	
			A0970810	181.5	183.0	0.271	0.011	2.5	10	0.04	
			A0970812	183.0	184.5	0.278	0.011	15	7	0.04	
			A0970813	184.5	186.0	0.284	0.012	19	2.5	0.03	
			A0970814	186.0	187.5	0.295	0.012	60	9	0.05	
			A0970815	187.5	189.0	0.288	0.012	41	14	0.05	
			A0970817	189.0	190.5	0.279	0.011	14	12	0.07	
			A0970818	190.5	192.0	0.28	0.013	61	57	0.06	
			A0970819	192.0	193.5	0.395	0.015	6	23	0.11	
			A0970820	193.5	195.0	0.377	0.017	7	25	0.12	
			A0970821	195.0	196.5	0.433	0.015	2.5	24	0.12	
			A0970822	196.5	198.0	0.319	0.014	2.5	12	0.08	
			A0970823	198.0	199.5	0.279	0.012	2.5	2.5	0.06	
			A0970824	199.5	201.0	0.273	0.012	2.5	6	0.06	
			A0970825	201.0	202.5	0.27	0.012	2.5	2.5	0.05	
			A0970826	202.5	204.0	0.261	0.012	2.5	9	0.07	
			A0970827	204.0	205.5	0.259	0.012	2.5	6	0.06	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970828	205.5	207.0	0.279	0.012	2.5	9	0.06	
			A0970829	207.0	208.5	0.324	0.014	6	17	0.08	
			A0970830	208.5	210.0	0.264	0.013	2.5	2.5	0.04	
			A0970831	210.0	211.5	0.256	0.012	2.5	2.5	0.05	
			A0970832	211.5	213.0	0.231	0.011	2.5	2.5	0.03	
			A0970833	213.0	214.5	0.248	0.012	2.5	2.5	0.04	
			A0970834	214.5	216.0	0.251	0.013	2.5	2.5	0.05	
			A0970835	216.0	217.5	0.238	0.012	2.5	2.5	0.04	
			A0970836	217.5	219.0	0.231	0.012	2.5	2.5	0.02	
			A0970837	219.0	220.5	0.242	0.013	2.5	2.5	0.02	
			A0970838	220.5	222.0	0.239	0.011	2.5	2.5	0.03	
			A0970839	222.0	223.5	0.205	0.012	2.5	2.5	0.03	
			A0970840	223.5	225.0	0.168	0.012	8	2.5	0.005	
			A0970842	225.0	226.5	0.188	0.013	5	2.5	0.02	
			A0970843	226.5	228.0	0.187	0.011	2.5	2.5	0.01	
			A0970844	228.0	229.5	0.163	0.012	2.5	2.5	0.03	
			A0970845	229.5	231.0	0.179	0.013	2.5	6	0.02	
			A0970847	231.0	232.5	0.157	0.012	8	35	0.005	
			A0970848	232.5	234.0	0.15	0.013	6	37	0.01	
234	**287**	**UP1, Peridotite**	A0970849	234.0	235.5	0.152	0.014	12	29	0.02	
		Dark gray to green, locally spotted white-green ,fine-grained, mesocumulate, strongly magnetic, peridotite.	A0970850	235.5	237.0	0.153	0.014	7	14	0.02	
		Local sections display coarser grains, poikilytic to snowflake textures within a moderate to weak serpentinite alteration.	A0970852	237.0	238.5	0.158	0.013	11	18	0.02	
		Carbonitization is weak along micro fractures and stringers (< 1%). Chrysotile as wispy, fracture fills / stringers ~1-2% in places	A0970853	238.5	240.0	0.135	0.015	2.5	42	0.02	
		Magnetite as hairline / stringers and disseminations up to 3% in places.	A0970854	240.0	241.5	0.134	0.014	7	23	0.03	
		Nickel sulphides ranges from 1-3 % vf-fg vf po- pn+hz and trace aw disseminations and patches.	A0970855	241.5	243.0	0.105	0.014	11	20	0.02	
			A0970856	243.0	244.5	0.095	0.013	2.5	14	0.02	
			A0970857	244.5	246.0	0.089	0.011	2.5	5	0.02	
			A0970858	246.0	247.5	0.093	0.013	2.5	2.5	0.02	
			A0970859	247.5	249.0	0.081	0.012	2.5	2.5	0.02	
			A0970860	249.0	250.5	0.085	0.013	6	2.5	0.02	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970863	253.5	255.0	0.097	0.014	2.5	2.5	0.03	
			A0970864	255.0	256.5	0.096	0.015	2.5	2.5	0.03	
			A0970865	256.5	258.0	0.099	0.014	12	5	0.03	
			A0970866	258.0	259.5	0.102	0.016	43	33	0.03	
			A0970867	259.5	261.0	0.103	0.015	54	72	0.03	
			A0970868	261.0	262.5	0.105	0.015	51	80	0.04	
			A0970869	262.5	264.0	0.1	0.015	33	115	0.03	
			A0970870	264.0	265.5	0.099	0.015	22	191	0.04	
			A0970871	265.5	267.0	0.094	0.016	41	208	0.04	
			A0970872	267.0	268.5	0.099	0.015	20	278	0.04	
			A0970873	268.5	270.0	0.089	0.015	9	191	0.04	
			A0970874	270.0	271.5	0.092	0.016	20	17	0.04	
			A0970875	271.5	273.0	0.083	0.015	15	29	0.04	
			A0970877	273.0	274.5	0.09	0.013	28	58	0.04	
			A0970878	274.5	276.0	0.074	0.014	38	16	0.04	
			A0970879	276.0	277.5	0.073	0.013	17	2.5	0.04	
			A0970880	277.5	279.0	0.078	0.013	19	13	0.04	
			A0970882	279.0	280.5	0.071	0.013	29	11	0.04	
			A0970883	280.5	282.0	0.061	0.013	96	98	0.03	
			A0970884	282.0	283.5	0.051	0.013	233	254	0.03	
			A0970885	283.5	285.0	0.053	0.012	697	711	0.05	
			A0970887	285.0	286.5	0.064	0.013	1490	1090	0.06	
			A0970888	286.5	288.0	0.065	0.012	103	6	0.11	
287	**293**	**UP4, Pyroxenite**	A0970888	286.5	288.0	0.065	0.012	103	6	0.11	
Dark grey-black grading to green, irridescent, mesocumulate to massive crystalline to porphyritic, weakly magnetic, moderately serpentinized pyroxenite. Ni min = 1-3% disseminated to patchy, local micro-stringers, very fine pn+hz-po.			A0970889	288.0	289.5	0.028	0.007	28	2.5	0.08	
			A0970890	289.5	291.0	0.029	0.007	7	2.5	0.24	
288 - 291m dark grey to black, irredescent massive, medium grained. Disseminations to blebs of po-pn-hz+/-cpy up to 3%			A0970891	291.0	292.5	0.009	0.004	2.5	2.5	0.005	
			A0970892	292.5	294.0	0.011	0.004	2.5	2.5	0.005	
291-292.30m gradational contact into aplle green, medium grained to locally porphyritc pyroxenite set in a finer grained, greenish serpentiized matrix. Patches of minor up to <1% vf pn-po in places.											
293	**326.5**	**MP1, Gabbro**	A0970892	292.5	294.0	0.011	0.004	2.5	2.5	0.005	
Sharp contact with upper pyroxenite at 60 LCA. White to greenish, homogenous, locally mottled to peppered texture, medium grained, weakly magnetic leuco gabbro.			A0970893	294.0	295.5	0.011	0.004	2.5	2.5	0.005	
							0.004	2.5	2.5	0.005	

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From	To	Lithology
		Weak to moderate,patches of chlorite alteration and microfractures up to 3%. Few qtz-chlorite veinlets / stringers with diss/blebs of cpy-bn @294.30m (photo taken) Ni min = Disseminated to local patches of fine grained pn-hw-po-cpy-py in weakly chlorite altered gabbro ranging from 1-3%. 3-15.90-3.16.5m Strong dissemination to bleb, po-pn/hw-cpy-py within a strongly mottled zone. Foliated texture near contact with the underlying peridotite.
326.5	**396**	**UP1, Peridotite** Dark gray to green, locally spotted white-green ,fine-grained, mesocumulate, strongly magnetic, peridotite. Few intervals display coarser grains to poikilytic within a moderate to weak serpentinite alteration. Carbonitization is weak to moderate often confined along micro fractures and stringers (up to 3%). Moderate to weak chrysotile as wispy, fracture fills / stringers ~1-2% in places. Magnetite as hairline / stringers and disseminations up to 1-3% in places. Nickel sulphides up to <1 % vf-fg vf po- pn+hz and trace aw-cpy-py disseminations and patches. Mineralization is less compared to the first peridotite unit.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0970894	295.5	297.0	0.012					
A0970895	297.0	298.5	0.01	0.004	2.5	2.5	0.01	
A0970896	298.5	300.0	0.011	0.004	2.5	2.5	0.02	
A0970897	300.0	301.5	0.01	0.004	2.5	2.5	0.02	
A0970898	301.5	303.0	0.01	0.004	2.5	2.5	0.01	
A0970899	303.0	304.5	0.013	0.004	2.5	2.5	0.02	
A0970900	304.5	306.0	0.01	0.004	2.5	2.5	0.01	
A0970901	306.0	307.5	0.015	0.004	2.5	2.5	0.01	
A0970902	307.5	309.0	0.008	0.004	2.5	2.5	0.02	
A0970903	309.0	310.5	0.006	0.004	2.5	2.5	0.005	
A0970904	310.5	312.0	0.01	0.004	2.5	2.5	0.005	
A0970905	312.0	313.5	0.013	0.004	2.5	2.5	0.02	
A0970906	313.5	315.0	0.008	0.004	2.5	2.5	0.02	
A0970907	315.0	316.5	0.007	0.005	2.5	2.5	0.09	
A0970908	316.5	318.0	0.009	0.004	2.5	2.5	0.03	
A0970909	318.0	319.5	0.01	0.004	2.5	2.5	0.03	
A0970910	319.5	321.0	0.006	0.004	2.5	2.5	0.02	
A0970912	321.0	322.5	0.005	0.004	2.5	2.5	0.005	
A0970913	322.5	324.0	0.008	0.003	2.5	2.5	0.01	
A0970914	324.0	325.5	0.078	0.004	2.5	2.5	0.005	
Pos	358.40m		A0970915	A0970915				
A0970917	327.0	328.5	0.076	0.014	14	20	0.05	
Shear zone,	373.80m		A0970918					
A0970919	330.0	331.5	0.173	0.02	14	26	0.09	
strongly	associated with		A0970920					
A0970922	333.0	334.5	0.17	0.017	10	17	0.07	
zed peri	stringers /veinlets		A0970923					
A0970924	336.0	337.5	0.167	0.017	7	9	0.08	
c at								

A0970925	325.5 327.0	0.029 006	0. 6 5	0	0.08	
	325.5 327.0	02	0.			
	328.5 330.0	0.029 006	0. 6 5			
	331.5 333.0	02	0.			
	334.5 336.0	0.176 019	0.			
	337.5 339.0	0 1 09	1 2 0.			
		0.175 018 0 9 08	0. 1 1 0.			
		0.169 017 4 3 08	0. 1 5 0.			
		0.17 018 5	0. 2. 2			

A0970926	339.0	340.5	0.155	0.016	2.5	2.5	0.07
A0970927	340.5	342.0	0.161	0.014	2.5	2.5	0.07

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970928	342.0	343.5	0.151	0.013	5	13	0.07	
			A0970929	343.5	345.0	0.15	0.012	7	14	0.06	
			A0970930	345.0	346.5	0.152	0.013	6	13	0.06	
			A0970931	346.5	348.0	0.153	0.012	2.5	12	0.06	
			A0970932	348.0	349.5	0.159	0.012	2.5	12	0.06	
			A0970933	349.5	351.0	0.158	0.013	2.5	13	0.06	
			A0970934	351.0	352.5	0.15	0.012	2.5	14	0.05	
			A0970935	352.5	354.0	0.157	0.013	8	16	0.07	
			A0970936	354.0	355.5	0.151	0.013	2.5	13	0.06	
			A0970937	355.5	357.0	0.154	0.013	2.5	8	0.07	
			A0970938	357.0	358.5	0.143	0.012	2.5	10	0.06	
			A0970939	358.5	360.0	0.156	0.013	2.5	11	0.06	
			A0970940	360.0	361.5	0.165	0.013	6	14	0.06	
			A0970941	361.5	363.0	0.174	0.013	6	17	0.06	
			A0970942	363.0	364.5	0.166	0.013	2.5	12	0.04	
			A0970943	364.5	366.0	0.127	0.011	5	9	0.03	
			A0970944	366.0	367.5	0.172	0.014	2.5	8	0.03	
			A0970945	367.5	369.0	0.159	0.014	6	9	0.02	
			A0970947	369.0	370.5	0.148	0.015	2.5	2.5	0.04	
			A0970948	370.5	372.0	0.16	0.014	2.5	9	0.04	
			A0970949	372.0	373.5	0.14	0.013	2.5	2.5	0.03	
			A0970950	373.5	375.0	0.144	0.013	2.5	2.5	0.03	
			A0970952	375.0	376.5	0.147	0.014	2.5	2.5	0.04	
			A0970953	376.5	378.0	0.128	0.013	5	2.5	0.02	
			A0970954	378.0	379.5	0.106	0.011	2.5	6	0.02	
			A0970955	379.5	381.0	0.131	0.013	2.5	15	0.03	
			A0970957	381.0	382.5	0.146	0.013	2.5	11	0.03	
			A0970958	382.5	384.0	0.132	0.012	2.5	7	0.02	
			A0970959	384.0	385.5	0.121	0.013	2.5	9	0.03	
			A0970960	385.5	387.0	0.114	0.012	2.5	8	0.02	
			A0970961	387.0	388.5	0.118	0.013	5	11	0.03	
			A0970962	388.5	390.0	0.106	0.012	2.5	9	0.03	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970963	390.0	391.5	0.112	0.012	2.5	2.5	0.03	
			A0970964	391.5	393.0	0.102	0.012	2.5	8	0.02	
			A0970965	393.0	394.5	0.101	0.012	2.5	2.5	0.03	
			A0970966	394.5	396.0	0.102	0.012	2.5	9	0.03	
396	**450.5**	**UP4, Pyroxenite**	A0970967	396.0	397.5	0.1	0.011	2.5	2.5	0.03	
		Dark grey-black grading to green, irridescent, mesocumulate to massive crystalline to sometimes porphyritic, weakly magnetic, moderately serpentinized pyroxenite. Ni min = 1-3% disseminated to patchy, local micro-stringers, very fine pn+hz-po.	A0970968	397.5	399.0	0.095	0.012	2.5	2.5	0.03	
		288 - 291m dark grey to black, irredescent massive, medium grained. Disseminations to blebs of po-pn-hz+/-cpy up to 3%	A0970969	399.0	400.5	0.094	0.012	2.5	2.5	0.02	
		291-292.30m Gradational contact into apple green, medium grained to locally porphyritc, pyroxenite set in a finer grained, greenish serpentiized matrix. Patches of <1% vf pn-po in places.	A0970970	400.5	402.0	0.087	0.012	2.5	2.5	0.02	
			A0970971	402.0	403.5	0.041	0.008	13	15	0.005	
		405-412m - Gradational contact into apple green, medium grained, moderate to strongly seprpentinized. Local gradation to coarse grained towards the bottom. Patches of minor up to <1% vf pn-po in places. Grains / aggregates of bluish purple, fracture fill bornite @ 407.80m ranging from minor to <1%). (Photo taken)	A0970972	403.5	405.0	0.038	0.007	38	26	0.01	
			A0970973	405.0	406.5	0.026	0.006	214	153	0.005	
		412.420m - Dark grey/black to greenish, irredescent massive, medium grained peridotite. Moderate to weakly serpentinized. Fine grained, bleb, disseminations, and stringers/fracture fill style po-pn-hz+/aw up to 3%. (Photo taken)	A0970974	406.5	408.0	0.036	0.006	358	227	0.005	
			A0970975	408.0	409.5	0.061	0.006	269	162	0.02	
			A0970976	409.5	411.0	0.05	0.006	170	105	0.01	
			A0970977	411.0	412.5	0.046	0.006	33	20	0.005	
		405-412m - Gradational contact into apple green, medium grained, moderate to strongly seprpentinized. Local gradation to coarse grained towards the bottom. Patches of minor up to <1% vf pn-po in places. Grains / aggregates of bluish purple, fracture fill bornite @ 422.2m ranging from minor to <1%). (Photo taken)	A0970978	412.5	414.0	0.085	0.01	6	6	0.1	
			A0970979	414.0	415.5	0.081	0.011	2.5	7	0.12	
			A0970980	415.5	417.0	0.09	0.013	7	12	0.1	
			A0970982	417.0	418.5	0.048	0.009	13	13	0.02	
		420-427m - Gradational contact into apple green, moderate grained, moderate to strongly seprpentinized. Patches of minor up to <1% vf pn-po in places. Grains / aggregates of bluish purple bornite in fractures (minor to <1%) in places..	A0970983	418.5	420.0	0.046	0.007	27	15	0.005	
			A0970984	420.0	421.5	0.046	0.007	64	40	0.005	
			A0970985	421.5	423.0	0.037	0.006	292	178	0.01	
			A0970987	423.0	424.5	0.045	0.005	179	111	0.005	
			A0970988	424.5	426.0	0.04	0.007	54	36	0.005	
			A0970989	426.0	427.5	0.018	0.004	8	7	0.005	
			A0970990	427.5	429.0	0.048	0.008	10	11	0.02	
			A0970992	429.0	430.5	0.059	0.01	2.5	12	0.22	
			A0970993	430.5	432.0	0.054	0.009	2.5	8	0.01	
			A0970994	432.0	433.5	0.066	0.009	2.5	6	0.09	
			A0970995	433.5	435.0	0.067	0.009	2.5	7	0.22	
			A0970996	435.0	436.5	0.066	0.009	2.5	7	0.23	
			A0970997	436.5	438.0	0.061	0.009	2.5	5	0.005	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0970998	438.0	439.5	0.045	0.008	2.5	2.5	0.005	
			A0970999	439.5	441.0	0.062	0.009	5	6	0.01	
			A0971000	441.0	442.5	0.069	0.009	2.5	5	0.005	
			A0971001	442.5	444.0	0.055	0.008	2.5	2.5	0.005	
			A0971002	444.0	445.5	0.059	0.009	2.5	5	0.04	
			A0971003	445.5	447.0	0.055	0.008	2.5	2.5	0.02	
			A0971004	447.0	448.5	0.059	0.009	2.5	6	0.09	
			A0971005	448.5	450.0	0.066	0.009	7	6	0.39	
			A0971006	450.0	451.5	0.014	0.004	2.5	2.5	0.02	
450.5	**455.5**	**MP1, Gabbro**	A0971006	450.0	451.5	0.014	0.004	2.5	2.5	0.02	
Sharp contact with upper pyroxenite at 70 LCA. White to greenish, medium - coarse grained, homogenous, mottled texture near the upper / lower contacts, weakly magnetic leuco gabbro. Weak to moderate chlorite alteration with minor carbonate veinlets (up to 1%) with diss/blebs of cpy-py-po. Ni min = Trace to minor disseminated very fine grained pn-po-cpy-py.			A0971007	451.5	453.0	0.036	0.007	2.5	6	0.005	
			A0971008	453.0	454.5	0.049	0.008	2.5	6	0.02	
			A0971009	454.5	456.0	0.025	0.005	2.5	2.5	0.01	
455.5	**465.1**	**UP4, Pyroxenite**	A0971009	454.5	456.0	0.025	0.005	2.5	2.5	0.01	
Dark grey-black grading to green, mesocumulate to massive crystalline, mod-weakly magnetic, moderately serpentinized pyroxenite. 5cm wide qtz-chlorite vein at 467m with trace py.			A0971010	456.0	457.5	0.051	0.008	7	2.5	0.01	
			A0971011	457.5	459.0	0.039	0.007	2.5	2.5	0.02	
Ni min = <1-1% disseminated very fine pn+hz-po.			A0971012	459.0	460.5	0.056	0.007	2.5	5	0.01	
288 - 291m dark grey to black, irredescent massive, moderate grained. Disseminations to blebs of po-pn-hz+/-cpy up to 3%			A0971013	460.5	462.0	0.058	0.007	2.5	5	0.005	
			A0971014	462.0	463.5	0.054	0.007	2.5	2.5	0.005	
291-292.30m gradational contact into aplle green, moderate grained to locally porphyritc pyroxenite set in a finer grained, greenish serpentiized matrix. Patches of minor up to <1% vf pn-po in places.			A0971015	463.5	465.0	0.038	0.006	12	10	0.005	
			A0971017	465.0	466.5	0.047	0.006	26	22	0.005	
465.1	**492**	**MP1, Gabbro**	A0971017	465.0	466.5	0.047	0.006	26	22	0.005	
Gradational contact with pyroxenite at 50 LCA. White to greenish, medium - coarse grained, homogenous, pepered texture, weakly magnetic gabbro. Weak to moderate to strong chlorite alteration, with carbonate veinlets (up to 3%) with trace to minor dissemination of py-cpy-po. Ni min = Trace to minor disseminated, fine grained pn-po+/-cpy-py.			A0971018	466.5	468.0	0.041	0.005	25	25	0.005	
			A0971019	468.0	469.5	0.035	0.004	98	79	0.01	
			A0971020	469.5	471.0	0.029	0.003	119	93	0.03	
EOH at 492m			A0971022	471.0	472.5	0.036	0.004	57	47	0.005	
			A0971023	472.5	474.0	0.026	0.004	34	28	0.005	
			A0971024	474.0	475.5	0.024	0.003	22	20	0.03	
			A0971025	475.5	477.0	0.022	0.003	25	21	0.06	
			A0971027	477.0	478.5	0.023	0.003	6	5	0.03	
			A0971028	478.5	480.0	0.022	0.001	7	7	0.03	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-38

Easting: 473900 **Length:** 327 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409893 **Azimuth:** 360 **Core Size:** NQ **Drilling Start:** Apr-11-2020

Elevation: 278.027 **Dip:** -50 **Logged By:** Curtis Ferron **Drilling Completed:** Apr-16-2020

Tenure Number: PAT-49969

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**51**	**OVB, Overburden** granitoid boulders/cobbles									
51	**153.2**	**UP2, Dunite** dark green-black, fg-mg adcumulate to locally massive crystalline, moderate to moderately strongly serpentinized, pervasively strongly magnetic, dunite cumulate ol grains ~90% are 1-3mm anhedral to subhedral carbonitization is weak to moderately weak irregular strngrs ~1% and generally follows serpentinization intensity mt. is pervasive disseminated to irregular ir strngrs 2-5% follows serp intensity chrys. Is patchy interstitial to wispy strngrs 20-40deg tca 1-3% first ~45m are highly mechanically incompetent w/ competency gradually increasing around 95m (see structure tab) Ni min = 0.5-1% disseminated vf-f pn+hz+aw 123-135 minor patches of peridotitic composition, interstitial cream white opx ~20%. Sometimes associated w/ vcg opx veinlets/stringers and/or cg-vcg individual pheno's generally w/ emerald green serp altn mod. - mod-strng not assoc. w/ increase in min	A0977630	51.0	52.5	0.242	0.01	6	2.5	0.04	some lost core
			A0977631	52.5	54.0	0.259	0.01	2.5	2.5	0.04	some lost core
			A0977632	54.0	55.5	0.253	0.01	2.5	2.5	0.04	
			A0977633	55.5	57.0	0.254	0.01	2.5	2.5	0.03	
			A0977634	57.0	58.5	0.239	0.01	7	2.5	0.04	
			A0977635	58.5	60.0	0.253	0.011	2.5	2.5	0.02	
			A0977636	60.0	61.5	0.263	0.009	6	2.5	0.03	
			A0977637	61.5	63.0	0.249	0.01	2.5	2.5	0.03	
			A0977638	63.0	64.5	0.246	0.01	2.5	2.5	0.03	
			A0977639	64.5	66.0	0.259	0.01	2.5	2.5	0.04	
			A0977641	66.0	67.5	0.245	0.01	2.5	2.5	0.03	
			A0977642	67.5	69.0	0.262	0.01	2.5	2.5	0.03	
			A0977643	69.0	70.5	0.28	0.011	2.5	2.5	0.03	
			A0977644	70.5	72.0	0.274	0.01	7	2.5	0.03	
			A0977645	72.0	73.5	0.27	0.011	2.5	2.5	0.02	
			A0977646	73.5	75.0	0.285	0.01	5	2.5	0.03	
			A0977647	75.0	76.5	0.273	0.01	2.5	2.5	0.03	
			A0977648	76.5	78.0	0.262	0.01	2.5	2.5	0.02	
			A0977650	78.0	79.5	0.26	0.011	2.5	2.5	0.01	
			A0977651	79.5	81.0	0.266	0.01	2.5	7	0.03	
			A0977652	81.0	82.5	0.28	0.011	2.5	2.5	0.04	
			A0977653	82.5	84.0	0.269	0.01	2.5	2.5	0.01	
			A0977654	84.0	85.5	0.271	0.011	2.5	2.5	0.03	

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-38

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977655	85.5	87.0	0.264	0.011	2.5	2.5	0.01	
			A0977656	87.0	88.5	0.262	0.011	2.5	2.5	0.005	
			A0977657	88.5	90.0	0.278	0.011	2.5	2.5	0.03	
			A0977658	90.0	91.5	0.27	0.011	2.5	2.5	0.02	
			A0977659	91.5	93.0	0.302	0.011	7	2.5	0.03	
			A0977661	93.0	94.5	0.267	0.011	2.5	2.5	0.02	
			A0977662	94.5	96.0	0.276	0.011	2.5	2.5	0.02	
			A0977663	96.0	97.5	0.269	0.011	2.5	2.5	0.01	
			A0977664	97.5	99.0	0.261	0.01	2.5	2.5	0.02	
			A0977665	99.0	100.5	0.256	0.013	2.5	2.5	0.03	
			A0977666	100.5	102.0	0.256	0.013	2.5	2.5	0.03	
			A0977667	102.0	103.5	0.239	0.011	2.5	2.5	0.03	
			A0977668	103.5	105.0	0.282	0.013	2.5	2.5	0.05	
			A0977670	105.0	106.5	0.264	0.013	2.5	2.5	0.03	
			A0977671	106.5	108.0	0.254	0.012	2.5	2.5	0.04	
			A0977672	108.0	109.5	0.272	0.013	2.5	2.5	0.05	
			A0977673	109.5	111.0	0.255	0.012	13	2.5	0.04	
			A0977674	111.0	112.5	0.258	0.013	2.5	2.5	0.04	
			A0977675	112.5	114.0	0.253	0.012	2.5	2.5	0.04	
			A0977676	114.0	115.5	0.275	0.012	14	7	0.07	
			A0977677	115.5	117.0	0.277	0.012	2.5	2.5	0.06	
			A0977679	117.0	118.5	0.202	0.012	2.5	2.5	0.04	
			A0977680	118.5	120.0	0.204	0.014	12	12	0.05	
			A0977681	120.0	121.5	0.204	0.014	14	2.5	0.05	
			A0977682	121.5	123.0	0.185	0.013	2.5	2.5	0.04	
			A0977683	123.0	124.5	0.168	0.015	2.5	5	0.05	
			A0977684	124.5	126.0	0.185	0.012	2.5	2.5	0.05	
			A0977685	126.0	127.5	0.203	0.014	2.5	2.5	0.04	
			A0977686	127.5	129.0	0.151	0.014	2.5	2.5	0.04	
			A0977687	129.0	130.5	0.187	0.013	2.5	2.5	0.06	
			A0977688	130.5	132.0	0.175	0.014	2.5	2.5	0.05	
			A0977689	132.0	133.5	0.171	0.015	5	7	0.06	

Project: Crawford Nickel **Hole Number:** CR20-38

From	To	Lithology
153.2	186.2	**UP1, Peridotite** grades from above into dark green to black spotted white mesocumulate to locally massive crystalline fg-mg, weak to moderately weakly serpentinized, pervasively moderately magnetic peridotite cumulate ol+px (~80-85%) are anhedral to subhedral 1-2mm w/ interstitial cream white crystalline opx ~15-20% mt. is disseminated and found within irregular strngrs assoc. w/ emerald green sr ~2-5% overall cb is weak to very weak along mechanical frac planes and within wispy ff strngrs ~1% Ni min = 0.5-<1% patchy disseminated vf-f pn+hz+aw

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0977690	133.5	135.0	0.149	0.013	2.5	11	0.06	
A0977691	135.0	136.5	0.202	0.013	2.5	5	0.06	
A0977692	136.5	138.0	0.2	0.012	2.5	6	0.06	
A0977693	138.0	139.5	0.192	0.013	2.5	7	0.06	
A0977694	139.5	141.0	0.218	0.012	2.5	2.5	0.07	
A0977696	141.0	142.5	0.199	0.012	2.5	2.5	0.06	
A0977697	142.5	144.0	0.215	0.012	2.5	2.5	0.06	
A0977698	144.0	145.5	0.21	0.013	2.5	2.5	0.07	
A0977699	145.5	147.0	0.229	0.013	2.5	2.5	0.06	
A0977700	147.0	148.5	0.217	0.013	2.5	2.5	0.05	
A0977701	148.5	150.0	0.207	0.013	7	2.5	0.05	
A0977702	150.0	151.5	0.192	0.013	6	2.5	0.04	
A0977705	153.0	154.5	0.186	0.014	2.5	2.5	0.05	
A0977706	154.5	156.0	0.195	0.014	13	34	0.05	
A0977707	156.0	157.5	0.207	0.014	2.5	2.5	0.06	
A0977708	157.5	159.0	0.187	0.015	2.5	5	0.06	
A0977709	159.0	160.5	0.201	0.014	8	11	0.06	
A0977710	160.5	162.0	0.199	0.013	16	2.5	0.05	
A0977711	162.0	163.5	0.189	0.014	6	6	0.05	
A0977712	163.5	165.0	0.179	0.014	2.5	5	0.04	
A0977713	165.0	166.5	0.178	0.013	2.5	2.5	0.05	
A0977714	166.5	168.0	0.179	0.014	2.5	2.5	0.05	
A0977715	168.0	169.5	0.18	0.014	2.5	2.5	0.05	
A0977716	169.5	171.0	0.174	0.014	6	6	0.04	
A0977718	171.0	172.5	0.172	0.013	2.5	2.5	0.04	
A0977719	172.5	174.0	0.189	0.014	2.5	2.5	0.06	
A0977720	174.0	175.5	0.181	0.014	2.5	2.5	0.05	
A0977721	175.5	177.0	0.182	0.012	2.5	2.5	0.06	
A0977722	177.0	178.5	0.179	0.012	2.5	2.5	0.05	
A0977723	178.5	180.0	0.171	0.015	2.5	2.5	0.06	

Project: Crawford Nickel **Hole Number:** CR20-38

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977724	180.0	181.5	0.169	0.014	2.5	2.5	0.05	
			A0977725	181.5	183.0	0.156	0.014	2.5	2.5	0.05	
			A0977726	183.0	184.5	0.158	0.014	2.5	2.5	0.05	
			A0977727	184.5	186.0	0.16	0.016	2.5	2.5	0.05	
			A0977728	186.0	187.5	0.151	0.016	2.5	2.5	0.05	
186.2	**193.8**	**UP4, Pyroxenite** sharp UC @ 20 deg tca into light/dark grey to black, cg, mesocumulate, non-magnetic, moderate hardness, weakly serpentinized, pyroxenite px grains (~85%) range from 2mm-1cm, anhedral to subhedral with some displaying irridescence interstitial space is dark black opaque vfg indiscernable patches of disseminated vf-fg pn+po+hz locally up to 3% generally <1% but not pervasive appears to increase towards LC malleable silvery-tarnished mineral @ 189-189.2 <1% LC is grad. w/ a chaotic to mottled texture which overprints cumulate texture, apple green sr strngrs are irregular through the LC ~3%	A0977728	186.0	187.5	0.151	0.016	2.5	2.5	0.05	
			A0977729	187.5	189.0	0.143	0.014	2.5	2.5	0.04	
			A0977731	189.0	190.5	0.036	0.008	721	658	0.04	
			A0977732	190.5	192.0	0.038	0.008	723	679	0.04	patches of po
			A0977733	192.0	193.5	0.028	0.008	1520	1170	0.42	patches of po
			A0977734	193.5	195.0	0.034	0.007	249	99	0.18	
193.8	**208.6**	**UP4, Pyroxenite** grades from above into light apple to forest green, fg-mg, massive crystalline to orthocumulate, non-magnetic, difficult to scratch, moderately weakly serpentinized pyroxenite 75% apple green to forest green ocassionally irridescent anhedral to subhedral px. 30% cumulate, 70% massive crystalline unit becomes more massive and interstitial plag content increases downhole ~5% cb is vw and only occurs along mechanical fracs <1% chloritization is also weak patchy 1-2% dark green to black silvery tarnished min occurs in patches <0.5% disseminated vfg Ni min = tr-m disseminated vfg pn+hz+aw? Less than upper pyroxenite pegmatitic gabbroic veins @ 206.4 and 206.6 ~20cm wide @ 30 deg tca no increase in Ni min	A0977734	193.5	195.0	0.034	0.007	249	99	0.18	
			A0977735	195.0	196.5	0.023	0.006	60	5	0.01	
			A0977736	196.5	198.0	0.025	0.006	48	2.5	0.04	trace cpy+py
			A0977737	198.0	199.5	0.032	0.006	33	2.5	0.07	
			A0977738	199.5	201.0	0.063	0.006	20	2.5	0.11	
			A0977739	201.0	202.5	0.025	0.006	12	2.5	0.08	
			A0977740	202.5	204.0	0.022	0.005	5	2.5	0.11	u cpy+py+po
			A0977742	204.0	205.5	0.03	0.007	5	2.5	0.2	
			A0977743	205.5	207.0	0.023	0.006	2.5	2.5	0.08	
			A0977744	207.0	208.5	0.022	0.006	2.5	2.5	0.09	tr cpy
			A0977745	208.5	210.0	0.014	0.004	2.5	2.5	0.02	
208.6	**243.7**	**MP1, Gabbro** grades from above into white/apple green, fg-mg, massive crystalline to locally mottled, non-serpentinized to very weakly serpentinized, weakly chloritized, non-magnetic, difficult to scratch, Leuco Gabbro ~60% plag, 35% px + ~5% accesory mins carbonitization is vw and restricted to mechanical frac planes <1% Ni min = nil-trace vf disseminated pn+hz	A0977745	208.5	210.0	0.014	0.004	2.5	2.5	0.02	
			A0977746	210.0	211.5	0.019	0.004	2.5	2.5	0.03	
			A0977747	211.5	213.0	0.015	0.004	2.5	2.5	0.03	
			A0977748	213.0	214.5	0.012	0.004	2.5	2.5	0.02	
			A0977749	214.5	216.0	0.012	0.004	2.5	2.5	0.02	
			A0977750	216.0	217.5	0.014	0.004	2.5	2.5	0.04	
			A0977751	217.5	219.0	0.014	0.004	2.5	2.5	0.04	
			A0977752	219.0	220.5	0.012	0.004	2.5	2.5	0.02	

Project: Crawford Nickel **Hole Number:** CR20-38

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977753	220.5	222.0	0.012	0.004	2.5	2.5	0.03	
			A0977755	222.0	223.5	0.011	0.004	2.5	2.5	0.03	
			A0977756	223.5	225.0	0.012	0.004	2.5	2.5	0.03	
			A0977757	225.0	226.5	0.028	0.004	2.5	2.5	0.02	
			A0977758	226.5	228.0	0.013	0.005	2.5	2.5	0.08	
			A0977759	228.0	229.5	0.011	0.004	2.5	2.5	0.03	
			A0977760	229.5	231.0	0.013	0.004	2.5	2.5	0.07	tr cpy
			A0977761	231.0	232.5	0.013	0.004	2.5	2.5	0.08	
			A0977762	232.5	234.0	0.011	0.004	2.5	2.5	0.07	
			A0977764	234.0	235.5	0.011	0.004	2.5	2.5	0.02	
			A0977765	235.5	237.0	0.011	0.004	2.5	2.5	0.03	
			A0977766	237.0	238.5	0.01	0.004	2.5	2.5	0.01	
			A0977767	238.5	240.0	0.011	0.004	2.5	2.5	0.01	
			A0977768	240.0	241.5	0.012	0.005	2.5	2.5	0.04	
			A0977769	241.5	243.0	0.013	0.004	2.5	2.5	0.04	
			A0977770	243.0	244.5	0.015	0.006	2.5	2.5	0.05	
243.7	**259.3**	**UP4, Pyroxenite**	A0977770	243.0	244.5	0.015	0.006	2.5	2.5	0.05	
sharp contact @ 50 deg tca into grey-green fg-mg, locally irredescent, massive crystalline to locally mottled, non-magneitc, pyroxenite w/ minor alternating patches of leuco gabbro ~20%			A0977771	244.5	246.0	0.017	0.007	2.5	2.5	0.12	isolated ptchs of po
			A0977773	246.0	247.5	0.016	0.007	2.5	2.5	0.04	
moderate foliation occurs in patches throughout @ 40-50 deg tca, not always visible, very prominent from 256-259 (see structure tab)			A0977774	247.5	249.0	0.017	0.007	2.5	2.5	0.1	
			A0977775	249.0	250.5	0.016	0.007	2.5	2.5	0.06	
phenocrysts of 0.5-1cm px ~5-10% pervasively			A0977776	250.5	252.0	0.015	0.007	2.5	2.5	0.07	
Ni min = tr-minor vf-f disseminated pn+hz and local patches of vf-f disseminated py+cpy			A0977777	252.0	253.5	0.014	0.007	2.5	2.5	0.03	
			A0977778	253.5	255.0	0.013	0.006	2.5	2.5	0.02	
			A0977779	255.0	256.5	0.012	0.006	2.5	2.5	0.01	
			A0977780	256.5	258.0	0.011	0.005	2.5	2.5	0.01	
			A0977781	258.0	259.5	0.015	0.006	2.5	2.5	0.02	
259.3	**305.7**	**UP1, Peridotite**	A0977781	258.0	259.5	0.015	0.006	2.5	2.5	0.02	
grades from above into black to dark green white spotted, fg-mg, locally poikilitic "snowflake", mesocumulate to massive crystalline, pervasively moderately magnetic, peridotite			A0977782	259.5	261.0	0.064	0.012	8	13	0.11	
			A0977783	261.0	262.5	0.149	0.018	6	17	0.13	
phenocrysts (oikocrysts) of px ~0.5-1cm ~5-10%			A0977785	262.5	264.0	0.148	0.017	6	19	0.1	
carbonitization is vw and restricted to mechanical frac planes			A0977786	264.0	265.5	0.148	0.017	5	17	0.09	

Project: Crawford Nickel **Hole Number:** CR20-38

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		Ni min= 0.1-0.5% disseminated vf-f pn+hz	A0977787	265.5	267.0	0.127	0.016	2.5	12	0.07	
		271-280 texture becomes poikilitic 1-2cm oikocrysts of px ~10%	A0977788	267.0	268.5	0.123	0.015	10	11	0.06	
			A0977789	268.5	270.0	0.135	0.015	2.5	12	0.07	
			A0977790	270.0	271.5	0.14	0.015	2.5	14	0.08	
			A0977791	271.5	273.0	0.125	0.015	2.5	14	0.08	
			A0977792	273.0	274.5	0.119	0.015	5	12	0.07	
			A0977793	274.5	276.0	0.131	0.014	9	12	0.07	
			A0977794	276.0	277.5	0.143	0.014	2.5	11	0.08	
			A0977795	277.5	279.0	0.124	0.013	2.5	11	0.08	
			A0977796	279.0	280.5	0.127	0.014	2.5	19	0.08	
			A0977797	280.5	282.0	0.111	0.014	2.5	10	0.08	
			A0977799	282.0	283.5	0.105	0.016	2.5	7	0.05	
			A0977800	283.5	285.0	0.113	0.016	2.5	10	0.05	
			A0977801	285.0	286.5	0.103	0.014	2.5	9	0.04	
			A0977802	286.5	288.0	0.103	0.014	2.5	5	0.04	
			A0977803	288.0	289.5	0.106	0.015	2.5	14	0.04	
			A0977804	289.5	291.0	0.107	0.015	2.5	13	0.03	
			A0977805	291.0	292.5	0.108	0.015	2.5	7	0.03	
			A0977806	292.5	294.0	0.103	0.015	2.5	2.5	0.03	
			A0977808	294.0	295.5	0.108	0.015	2.5	2.5	0.03	
			A0977809	295.5	297.0	0.104	0.015	2.5	2.5	0.03	
			A0977810	297.0	298.5	0.102	0.015	2.5	2.5	0.03	
			A0977811	298.5	300.0	0.1	0.015	2.5	6	0.05	
			A0977812	300.0	301.5	0.099	0.014	2.5	6	0.05	
			A0977813	301.5	303.0	0.101	0.014	2.5	6	0.07	
			A0977814	303.0	304.5	0.092	0.014	2.5	10	0.05	

			A0977815	304.5	306.0	0.08	0.012	5	2.5	0.09
305.7	**312**	**UP4, Pyroxenite**	A0977815	304.5	306.0	0.08	0.012	5	2.5	0.09
grades from above into dark grey-black, mg-cg, adcumulate, moderately weakly serpentinized, non-magnetic, pyroxenite			A0977816	306.0	307.5	0.057	0.01	12	17	0.2
			A0977817	307.5	309.0	0.042	0.008	36	23	0.03
minor apple green irregular strngrs ~1-2%			A0977819	309.0	310.5	0.038	0.008	36	29	0.005
Ni min = trace-minor vf=f disseminated pn+hz			A0977820	310.5	312.0	0.037	0.008	49	38	0.01

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-38

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
312	**319.4**	**UP4, Pyroxenite**	A0977821	312.0	313.5	0.032	0.006	277	164	0.01	
grades from above into apple green, fg-mg, massive crystalline to locally orthocumulate, moderately serpentinized, chaotic to mottled, non-magnetic, pyroxenite			A0977822	313.5	315.0	0.045	0.007	306	177	0.02	
			A0977823	315.0	316.5	0.04	0.006	193	119	0.02	
minor irregular qz+cb stringers ~1%			A0977824	316.5	318.0	0.037	0.007	71	46	0.005	
Ni min = trace vf disseminated pn+hz			A0977825	318.0	319.5	0.026	0.006	21	13	0.005	
319.4	**324.8**	**MP1, Gabbro**	A0977825	318.0	319.5	0.026	0.006	21	13	0.005	
grades from above into white-apple green, mg, massive crystalline to locally porphyritic, weakly serpentinized, non-magnetic, difficult to scratch, leuco gabbro			A0977826	319.5	321.0	0.024	0.005	2.5	2.5	0.005	
			A0977828	321.0	322.5	0.024	0.005	2.5	2.5	0.005	
Ni min= trace vf disseminated pn+hz			A0977829	322.5	324.0	0.024	0.005	2.5	2.5	0.005	
below 321 to base becomes porphyritic w/ 0.5cm phenos of black px ~ 20%			A0977830	324.0	325.5	0.04	0.008	2.5	2.5	0.005	
324.8	**327**	**UP4, Pyroxenite**	A0977830	324.0	325.5	0.04	0.008	2.5	2.5	0.005	
grades from above into dark grey-black, mg adcumulate, moderately serpentinized, non-magnetic, pyroxenite			A0977831	325.5	327.0	0.05	0.009	2.5	6	0.09	
Ni min= patchy trace-0.5% disseminated vf-f pn+hz											

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project:	Crawford Nickel					**Hole Number:**	CR20-39
Easting:	473801	**Length:**	522	**Target:**	East	**Drilling Company:**	NPLH Drilling
Northing:	5410004	**Azimuth:**	180	**Core Size:**	NQ	**Drilling Start:**	Apr-17-2020
Elevation:	278.3497	**Dip:**	-50	**Logged By:**	Curtis Ferron	**Drilling Completed:**	Apr-26-2020
				Tenure Number:	PAT-49960		

Comments:

From	To	Lithology
0	**36**	**OVB, Overburden**
		syenitic granite boulder/cobbles
36	**367**	**UP2, Dunite**
		dark green to black, fg-mg, adcumulate, moderately strongly serpentinized, weakly carbonitized, pervasively strongly magnetic, Dunite
		contains strngrs of fg mt. 20-40 deg tca ~2-4% more abundant where serp intensity is higher, tends to be in patches
		cys. Is found pervasively in ff wispy strngrs ~1-3% and tracks serp
		Ni min = 0.5-1% vf-fg disseminated pn+hz+aw
		Rock quality generally decreases around stronger serpentinization patches
		patches of slightly peridotitic composition occur below 160 interstitial cream white px ~15% overall only makes up 5% of dunite unit
		264-264.5 mg-cg veinlets @30 deg tca of cream white px + emerald green serp 70-30% respectively not assoc. w/ min.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0977832	36.0	37.5	0.345	0.013	12	13	0.07	
A0977833	37.5	39.0	0.335	0.013	9	8	0.05	
A0977834	39.0	40.5	0.325	0.013	30	6	0.06	
A0977835	40.5	42.0	0.303	0.012	2.5	5	0.06	
A0977836	42.0	43.5	0.309	0.013	56	10	0.05	
A0977837	43.5	45.0	0.291	0.013	2.5	2.5	0.05	
A0977839	45.0	46.5	0.286	0.013	2.5	2.5	0.04	
A0977840	46.5	48.0	0.289	0.013	2.5	2.5	0.04	
A0977841	48.0	49.5	0.304	0.013	2.5	11	0.04	
A0977842	49.5	51.0	0.308	0.012	26	15	0.04	
A0977843	51.0	52.5	0.298	0.014	49	6	0.03	
A0977844	52.5	54.0	0.319	0.013	6	2.5	0.04	
A0977845	54.0	55.5	0.293	0.013	8	33	0.05	
A0977846	55.5	57.0	0.3	0.012	6	2.5	0.03	
A0977847	57.0	58.5	0.295	0.012	2.5	2.5	0.03	
A0977848	58.5	60.0	0.318	0.013	2.5	2.5	0.03	
A0977849	60.0	61.5	0.308	0.013	2.5	2.5	0.02	
A0977850	61.5	63.0	0.296	0.013	9	2.5	0.03	
A0977851	63.0	64.5	0.293	0.013	2.5	2.5	0.01	
A0977852	64.5	66.0	0.305	0.012	2.5	2.5	0.02	
A0977853	66.0	67.5	0.295	0.013	6	2.5	0.03	
A0977854	67.5	69.0	0.295	0.013	2.5	2.5	0.02	
A0977856	69.0	70.5	0.293	0.013	2.5	2.5	0.03	

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977857	70.5	72.0	0.293	0.013	2.5	2.5	0.03	
			A0977858	72.0	73.5	0.299	0.013	6	2.5	0.04	
			A0977859	73.5	75.0	0.299	0.012	2.5	2.5	0.02	
			A0977860	75.0	76.5	0.291	0.013	2.5	2.5	0.01	
			A0977861	76.5	78.0	0.303	0.012	2.5	2.5	0.03	
			A0977862	78.0	79.5	0.312	0.012	2.5	2.5	0.02	
			A0977863	79.5	81.0	0.28	0.011	2.5	2.5	0.03	
			A0977865	81.0	82.5	0.298	0.011	2.5	2.5	0.03	
			A0977866	82.5	84.0	0.293	0.012	2.5	2.5	0.02	
			A0977867	84.0	85.5	0.277	0.012	2.5	2.5	0.02	
			A0977868	85.5	87.0	0.283	0.012	2.5	2.5	0.02	
			A0977869	87.0	88.5	0.27	0.013	2.5	2.5	0.02	
			A0977870	88.5	90.0	0.287	0.014	2.5	2.5	0.02	
			A0977872	90.0	91.5	0.264	0.013	2.5	2.5	0.005	possible pge or aw
			A0977873	91.5	93.0	0.269	0.013	2.5	2.5	0.01	
			A0977874	93.0	94.5	0.272	0.012	2.5	2.5	0.02	possible pge or aw
			A0977875	94.5	96.0	0.272	0.012	2.5	2.5	0.02	possible pge or aw
			A0977876	96.0	97.5	0.263	0.013	2.5	2.5	0.02	possible pge or aw
			A0977877	97.5	99.0	0.259	0.013	2.5	2.5	0.005	
			A0977878	99.0	100.5	0.258	0.013	2.5	2.5	0.005	
			A0977879	100.5	102.0	0.304	0.012	2.5	2.5	0.02	
			A0977880	102.0	103.5	0.252	0.013	2.5	2.5	0.02	possible pge or aw
			A0977881	103.5	105.0	0.265	0.013	2.5	2.5	0.01	
			A0977882	105.0	106.5	0.257	0.012	2.5	2.5	0.01	
			A0977883	106.5	108.0	0.254	0.012	2.5	2.5	0.02	
			A0977885	108.0	109.5	0.267	0.013	2.5	2.5	0.02	
			A0977886	109.5	111.0	0.262	0.013	2.5	2.5	0.02	
			A0977887	111.0	112.5	0.255	0.014	2.5	2.5	0.01	
			A0977888	112.5	114.0	0.242	0.013	2.5	2.5	0.02	
			A0977889	114.0	115.5	0.25	0.013	2.5	2.5	0.03	
			A0977890	115.5	117.0	0.253	0.012	2.5	2.5	0.02	
			A0977891	117.0	118.5	0.248	0.013	2.5	2.5	0.02	

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977892	118.5	120.0	0.247	0.013	2.5	2.5	0.02	
			A0977893	120.0	121.5	0.246	0.013	2.5	2.5	0.02	
			A0977894	121.5	123.0	0.252	0.013	2.5	2.5	0.005	
			A0977895	123.0	124.5	0.249	0.012	2.5	2.5	0.02	
			A0977896	124.5	126.0	0.252	0.013	2.5	2.5	0.02	
			A0977898	126.0	127.5	0.25	0.012	2.5	2.5	0.03	
			A0977899	127.5	129.0	0.259	0.012	2.5	2.5	0.03	
			A0977900	129.0	130.5	0.252	0.012	2.5	2.5	0.02	
			A0977901	130.5	132.0	0.268	0.013	2.5	2.5	0.03	
			A0977902	132.0	133.5	0.26	0.012	9	2.5	0.03	
			A0977903	133.5	135.0	0.241	0.013	2.5	2.5	0.02	
			A0977904	135.0	136.5	0.24	0.013	2.5	2.5	0.07	
			A0977905	136.5	138.0	0.24	0.012	2.5	2.5	0.02	
			A0977907	138.0	139.5	0.236	0.013	2.5	2.5	0.03	
			A0977908	139.5	141.0	0.242	0.013	2.5	2.5	0.03	
			A0977909	141.0	142.5	0.246	0.013	5	21	0.03	
			A0977910	142.5	144.0	0.245	0.013	2.5	2.5	0.03	
			A0977911	144.0	145.5	0.243	0.013	2.5	2.5	0.04	
			A0977912	145.5	147.0	0.238	0.012	2.5	2.5	0.02	
			A0977913	147.0	148.5	0.246	0.012	2.5	2.5	0.03	
			A0977914	148.5	150.0	0.251	0.013	2.5	2.5	0.02	
			A0977916	150.0	151.5	0.244	0.012	2.5	2.5	0.03	
			A0977917	151.5	153.0	0.243	0.013	2.5	2.5	0.03	
			A0977918	153.0	154.5	0.238	0.012	2.5	2.5	0.04	
			A0977919	154.5	156.0	0.252	0.012	2.5	2.5	0.04	
			A0977920	156.0	157.5	0.236	0.012	2.5	2.5	0.02	
			A0977921	157.5	159.0	0.231	0.013	2.5	2.5	0.02	
			A0977922	159.0	160.5	0.267	0.013	2.5	2.5	0.03	
			A0977923	160.5	162.0	0.261	0.012	2.5	2.5	0.04	
			A0977924	162.0	163.5	0.256	0.013	2.5	2.5	0.03	
			A0977925	163.5	165.0	0.26	0.013	2.5	2.5	0.02	
			A0977926	165.0	166.5	0.266	0.013	2.5	2.5	0.03	

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977927	166.5	168.0	0.255	0.013	2.5	2.5	0.03	
			A0977928	168.0	169.5	0.252	0.013	2.5	2.5	0.02	
			A0977929	169.5	171.0	0.275	0.014	2.5	2.5	0.02	
			A0977930	171.0	172.5	0.261	0.013	2.5	2.5	0.03	
			A0977931	172.5	174.0	0.251	0.012	2.5	2.5	0.03	
			A0977932	174.0	175.5	0.25	0.013	2.5	2.5	0.02	
			A0977933	175.5	177.0	0.25	0.012	2.5	2.5	0.03	
			A0977935	177.0	178.5	0.263	0.013	2.5	2.5	0.02	
			A0977936	178.5	180.0	0.252	0.013	2.5	2.5	0.02	
			A0977937	180.0	181.5	0.236	0.011	2.5	2.5	0.02	
			A0977938	181.5	183.0	0.239	0.013	2.5	2.5	0.03	
			A0977939	183.0	184.5	0.24	0.013	2.5	2.5	0.02	
			A0977940	184.5	186.0	0.234	0.013	2.5	2.5	0.02	
			A0977941	186.0	187.5	0.234	0.013	2.5	2.5	0.005	
			A0977942	187.5	189.0	0.232	0.013	2.5	2.5	0.02	
			A0977944	189.0	190.5	0.252	0.012	2.5	6	0.04	
			A0977945	190.5	192.0	0.232	0.013	2.5	2.5	0.02	
			A0977946	192.0	193.5	0.219	0.012	2.5	2.5	0.03	
			A0977947	193.5	195.0	0.244	0.014	2.5	2.5	0.02	
			A0977948	195.0	196.5	0.24	0.013	2.5	2.5	0.03	
			A0977949	196.5	198.0	0.246	0.013	2.5	2.5	0.03	
			A0977950	198.0	199.5	0.245	0.013	2.5	2.5	0.02	
			A0977951	199.5	201.0	0.248	0.012	2.5	2.5	0.03	
			A0977952	201.0	202.5	0.242	0.012	2.5	2.5	0.02	
			A0977953	202.5	204.0	0.236	0.012	2.5	2.5	0.03	
			A0977954	204.0	205.5	0.242	0.013	2.5	2.5	0.02	
			A0977955	205.5	207.0	0.238	0.013	2.5	2.5	0.03	
			A0977957	207.0	208.5	0.236	0.013	2.5	2.5	0.02	
			A0977958	208.5	210.0	0.231	0.012	2.5	2.5	0.03	
			A0977959	210.0	211.5	0.24	0.013	2.5	2.5	0.02	
			A0977960	211.5	213.0	0.237	0.013	2.5	2.5	0.02	
			A0977961	213.0	214.5	0.246	0.012	2.5	2.5	0.02	

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977962	214.5	216.0	0.246	0.012	2.5	2.5	0.02	
			A0977963	216.0	217.5	0.236	0.012	2.5	2.5	0.01	
			A0977964	217.5	219.0	0.253	0.012	2.5	2.5	0.01	
			A0977965	219.0	220.5	0.245	0.012	2.5	2.5	0.02	
			A0977966	220.5	222.0	0.242	0.012	2.5	2.5	0.02	
			A0977967	222.0	223.5	0.246	0.013	2.5	2.5	0.03	
			A0977968	223.5	225.0	0.252	0.013	2.5	2.5	0.01	
			A0977970	225.0	226.5	0.241	0.012	2.5	2.5	0.01	
			A0977971	226.5	228.0	0.233	0.013	6	2.5	0.02	
			A0977972	228.0	229.5	0.24	0.013	2.5	2.5	0.02	
			A0977973	229.5	231.0	0.251	0.013	2.5	2.5	0.03	
			A0977974	231.0	232.5	0.249	0.013	2.5	2.5	0.01	
			A0977975	232.5	234.0	0.239	0.013	2.5	2.5	0.02	
			A0977976	234.0	235.5	0.231	0.012	2.5	2.5	0.005	
			A0977977	235.5	237.0	0.244	0.012	2.5	2.5	0.01	
			A0977979	237.0	238.5	0.242	0.013	2.5	2.5	0.005	
			A0977980	238.5	240.0	0.25	0.014	2.5	2.5	0.02	
			A0977981	240.0	241.5	0.247	0.014	2.5	2.5	0.005	
			A0977982	241.5	243.0	0.236	0.015	2.5	2.5	0.005	
			A0977983	243.0	244.5	0.241	0.013	2.5	7	0.005	
			A0977984	244.5	246.0	0.251	0.013	2.5	13	0.01	
			A0977985	246.0	247.5	0.233	0.013	2.5	2.5	0.005	
			A0977986	247.5	249.0	0.242	0.013	2.5	2.5	0.01	
			A0977987	249.0	250.5	0.24	0.013	2.5	2.5	0.04	
			A0977988	250.5	252.0	0.232	0.014	2.5	2.5	0.03	
			A0977989	252.0	253.5	0.239	0.012	2.5	2.5	0.03	
			A0977990	253.5	255.0	0.237	0.014	2.5	14	0.03	
			A0977992	255.0	256.5	0.243	0.012	2.5	2.5	0.02	
			A0977993	256.5	258.0	0.237	0.013	2.5	2.5	0.02	
			A0977994	258.0	259.5	0.246	0.013	2.5	2.5	0.03	
			A0977995	259.5	261.0	0.235	0.015	2.5	2.5	0.02	
			A0977996	261.0	262.5	0.236	0.013	21	10	0.01	

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0977997	262.5	264.0	0.22	0.012	6	2.5	0.02	
			A0977998	264.0	265.5	0.233	0.012	12	16	0.02	
			A0977999	265.5	267.0	0.242	0.012	2.5	2.5	0.005	
			A0978000	267.0	268.5	0.266	0.012	2.5	2.5	0.04	
			A0978001	268.5	270.0	0.278	0.012	2.5	2.5	0.02	
			A0978003	270.0	271.5	0.282	0.012	2.5	2.5	0.02	
			A0978004	271.5	273.0	0.268	0.011	2.5	2.5	0.04	
			A0978005	273.0	274.5	0.283	0.011	2.5	2.5	0.02	
			A0978006	274.5	276.0	0.28	0.012	2.5	2.5	0.03	
			A0978007	276.0	277.5	0.264	0.012	2.5	2.5	0.01	
			A0978008	277.5	279.0	0.271	0.013	2.5	2.5	0.005	
			A0978009	279.0	280.5	0.301	0.012	2.5	2.5	0.06	
			A0978010	280.5	282.0	0.272	0.014	2.5	2.5	0.03	
			A0978012	282.0	283.5	0.275	0.013	2.5	2.5	0.02	
			A0978013	283.5	285.0	0.282	0.013	2.5	2.5	0.03	
			A0978014	285.0	286.5	0.284	0.012	2.5	2.5	0.03	
			A0978015	286.5	288.0	0.278	0.012	2.5	2.5	0.03	
			A0978016	288.0	289.5	0.255	0.012	2.5	2.5	0.01	
			A0978017	289.5	291.0	0.26	0.012	2.5	2.5	0.005	
			A0978018	291.0	292.5	0.264	0.012	2.5	2.5	0.02	
			A0978019	292.5	294.0	0.256	0.012	2.5	2.5	0.02	
			A0978020	294.0	295.5	0.256	0.012	2.5	2.5	0.02	
			A0978021	295.5	297.0	0.251	0.013	2.5	2.5	0.03	
			A0978022	297.0	298.5	0.253	0.013	2.5	2.5	0.02	
			A0978023	298.5	300.0	0.251	0.014	2.5	2.5	0.02	
			A0978024	300.0	301.5	0.263	0.013	2.5	2.5	0.02	
			A0978025	301.5	303.0	0.247	0.013	2.5	2.5	0.01	
			A0978027	303.0	304.5	0.251	0.013	2.5	2.5	0.01	
			A0978028	304.5	306.0	0.249	0.012	2.5	2.5	0.02	
			A0978029	306.0	307.5	0.244	0.013	2.5	2.5	0.03	
			A0978030	307.5	309.0	0.239	0.012	2.5	2.5	0.02	
			A0978031	309.0	310.5	0.243	0.011	2.5	2.5	0.03	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0978032	310.5	312.0	0.238	0.012	2.5	2.5	0.02	
			A0978033	312.0	313.5	0.235	0.011	2.5	2.5	0.02	
			A0978034	313.5	315.0	0.245	0.012	2.5	2.5	0.03	
			A0978036	315.0	316.5	0.249	0.013	2.5	2.5	0.03	
			A0978037	316.5	318.0	0.236	0.012	2.5	2.5	0.03	
			A0978038	318.0	319.5	0.24	0.013	2.5	2.5	0.03	
			A0978039	319.5	321.0	0.244	0.012	2.5	2.5	0.04	
			A0978040	321.0	322.5	0.241	0.012	2.5	2.5	0.04	
			A0978041	322.5	324.0	0.238	0.013	2.5	2.5	0.03	
			A0978042	324.0	325.5	0.243	0.013	2.5	2.5	0.03	
			A0978043	325.5	327.0	0.236	0.013	2.5	2.5	0.02	
			A0978045	327.0	328.5	0.247	0.013	2.5	2.5	0.04	
			A0978046	328.5	330.0	0.245	0.013	2.5	2.5	0.02	
			A0978047	330.0	331.5	0.235	0.012	2.5	2.5	0.02	
			A0978048	331.5	333.0	0.259	0.013	6	2.5	0.03	
			A0978049	333.0	334.5	0.245	0.013	2.5	2.5	0.04	
			A0978050	334.5	336.0	0.238	0.013	2.5	2.5	0.02	
			A0978051	336.0	337.5	0.247	0.012	2.5	2.5	0.02	
			A0978052	337.5	339.0	0.232	0.013	2.5	2.5	0.02	
			A0978053	339.0	340.5	0.246	0.012	2.5	2.5	0.03	
			A0978054	340.5	342.0	0.248	0.013	2.5	2.5	0.02	
			A0978055	342.0	343.5	0.239	0.013	2.5	2.5	0.02	
			A0978056	343.5	345.0	0.234	0.012	2.5	2.5	0.01	
			A0978057	345.0	346.5	0.247	0.012	2.5	2.5	0.02	
			A0978058	346.5	348.0	0.238	0.013	2.5	2.5	0.02	
			A0978059	348.0	349.5	0.223	0.014	2.5	2.5	0.005	
			A0978060	349.5	351.0	0.231	0.014	2.5	2.5	0.01	
			A0978062	351.0	352.5	0.218	0.014	2.5	2.5	0.005	
			A0978063	352.5	354.0	0.22	0.013	6	2.5	0.005	
			A0978064	354.0	355.5	0.228	0.014	8	2.5	0.01	
			A0978065	355.5	357.0	0.215	0.013	6	6	0.02	
			A0978066	357.0	358.5	0.221	0.014	12	8	0.01	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0978067	358.5	360.0	0.207	0.014	14	13	0.005	
			A0978068	360.0	361.5	0.21	0.014	8	9	0.005	
			A0978069	361.5	363.0	0.222	0.012	15	6	0.01	
			A0978070	363.0	364.5	0.224	0.014	13	2.5	0.005	
			A0978071	364.5	366.0	0.229	0.013	9	2.5	0.02	
			A0978073	366.0	367.5	0.225	0.013	2.5	2.5	0.01	
367	**456.8**	**UP1, Peridotite**	A0978073	366.0	367.5	0.225	0.013	2.5	2.5	0.01	
		grades from above into dark green to black spotted white, fg, mesocumulate, pervasively moderately magnetic, moderately serpentinized, peridotite	A0978074	367.5	369.0	0.226	0.013	12	2.5	0.03	
			A0978075	369.0	370.5	0.212	0.013	6	2.5	0.02	
		20-30% subhedral to anhedral cumulate cpx, 50-60% anhedral cumulate ol ~1-2mm ~3-5% patchy interstitial white plag not always present	A0978076	370.5	372.0	0.18	0.012	11	9	0.005	
			A0978077	372.0	373.5	0.181	0.014	12	7	0.005	
		dominated by higher temp emerald green sr (antigorite) ~1-3% w/ minor apple green sr (lizardite) lower temp generally in strngrs/veinlets and frac planes, irregular TCA cys. Is patchy but generally in wispy ff strngrs 1-2% mt. is pervasive @ ~3-5%	A0978078	373.5	375.0	0.184	0.013	6	2.5	0.005	
			A0978079	375.0	376.5	0.173	0.013	5	2.5	0.005	
			A0978080	376.5	378.0	0.176	0.014	6	2.5	0.005	
		cb is weak to moderately weak along frac planes and minor irregular strngrs <1-1%	A0978082	378.0	379.5	0.182	0.013	2.5	2.5	0.005	
			A0978083	379.5	381.0	0.172	0.014	2.5	2.5	0.005	
		Ni min = patchy disseminated vf-f pn+hz+aw. Aw can be just as abundant if not more abundant in places likely due to higher temp sr altn. (antigorite dominant)	A0978084	381.0	382.5	0.181	0.013	13	9	0.005	
			A0978085	382.5	384.0	0.187	0.014	7	21	0.005	
			A0978086	384.0	385.5	0.199	0.015	9	21	0.005	
		421-422 partially silicified (relatively harder) pervasively carbonitized (reacts readily) peridotite w/ 5% strngrs/vnlts, weakly magnetic Ni min unaffected or slightly less	A0978087	385.5	387.0	0.182	0.014	6	7	0.01	
			A0978088	387.0	388.5	0.186	0.014	10	6	0.005	
			A0978089	388.5	390.0	0.167	0.012	9	6	0.005	
			A0978090	390.0	391.5	0.179	0.013	11	8	0.005	
			A0978091	391.5	393.0	0.188	0.014	2.5	7	0.005	
			A0978092	393.0	394.5	0.181	0.013	7	6	0.005	
			A0978093	394.5	396.0	0.194	0.013	6	6	0.005	
			A0978094	396.0	397.5	0.168	0.013	11	6	0.005	
			A0978095	397.5	399.0	0.167	0.013	9	6	0.005	
			A0978096	399.0	400.5	0.17	0.013	9	8	0.005	
			A0978097	400.5	402.0	0.172	0.013	10	6	0.005	
			A0978098	402.0	403.5	0.154	0.013	9	6	0.005	
			A0978099	403.5	405.0	0.154	0.014	8	6	0.005	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0978101	405.0	406.5	0.157	0.014	8	6	0.005	
			A0978102	406.5	408.0	0.149	0.014	11	6	0.005	
			A0978103	408.0	409.5	0.151	0.013	13	8	0.005	
			A0978104	409.5	411.0	0.151	0.013	13	7	0.01	
			A0978105	411.0	412.5	0.156	0.014	9	6	0.005	
			A0978106	412.5	414.0	0.157	0.014	14	7	0.005	
			A0978107	414.0	415.5	0.152	0.014	19	7	0.005	
			A0978108	415.5	417.0	0.152	0.013	15	8	0.005	
			A0978110	417.0	418.5	0.153	0.013	12	6	0.005	
			A0978111	418.5	420.0	0.162	0.013	11	7	0.005	
			A0978112	420.0	421.5	0.154	0.015	11	8	0.005	
			A0978113	421.5	423.0	0.152	0.013	17	8	0.005	
			A0978114	423.0	424.5	0.159	0.014	12	7	0.005	
			A0978115	424.5	426.0	0.168	0.012	12	9	0.01	
			A0978116	426.0	427.5	0.167	0.013	12	11	0.01	
			A0978117	427.5	429.0	0.16	0.013	18	8	0.005	
			A0978119	429.0	430.5	0.175	0.013	5	6	0.005	
			A0978120	430.5	432.0	0.174	0.014	8	6	0.005	
			A0978121	432.0	433.5	0.175	0.014	14	9	0.02	
			A0978122	433.5	435.0	0.165	0.014	8	2.5	0.005	
			A0978123	435.0	436.5	0.214	0.014	5	2.5	0.03	
			A0978124	436.5	438.0	0.215	0.014	2.5	2.5	0.02	
			A0978126	438.0	439.5	0.222	0.013	5	2.5	0.02	
			A0978127	439.5	441.0	0.219	0.013	2.5	2.5	0.03	
			A0978128	441.0	442.5	0.221	0.013	5	2.5	0.03	
			A0978129	442.5	444.0	0.217	0.014	10	2.5	0.02	
			A0978130	444.0	445.5	0.225	0.014	2.5	2.5	0.02	
			A0978131	445.5	447.0	0.214	0.014	2.5	2.5	0.03	
			A0978132	447.0	448.5	0.193	0.015	2.5	2.5	0.01	
			A0978133	448.5	450.0	0.179	0.012	6	5	0.02	
			A0978134	450.0	451.5	0.171	0.014	2.5	9	0.01	
			A0978135	451.5	453.0	0.189	0.012	12	20	0.01	

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0978136	453.0	454.5	0.181	0.014	10	23	0.03	
			A0978137	454.5	456.0	0.2	0.015	14	29	0.02	
			A0978139	456.0	457.5	0.097	0.007	9	2.5	0.005	
456.8	**457.9**	**AP3, Anorthosite**	A0978139	456.0	457.5	0.097	0.007	9	2.5	0.005	
			A0978140	457.5	459.0	0.0025	0.001	7	2.5	0.005	
457.9	**522**	**VM, Mafic Metavolcanics**	A0978140	457.5	459.0	0.0025	0.001	7	2.5	0.005	
			A0978141	459.0	460.5	0.0025	0.001	2.5	2.5	0.005	
			A0978142	460.5	462.0	0.0025	0.002	2.5	2.5	0.01	
			A0978143	462.0	463.5	0.0025	0.001	2.5	2.5	0.01	
			A0978144	463.5	465.0	0.0025	0.001	2.5	2.5	0.005	
			A0978145	465.0	466.5	0.0025	0.001	2.5	2.5	0.005	
			A0978146	466.5	468.0	0.0025	0.001	2.5	2.5	0.005	
			A0978147	468.0	469.5	0.071	0.009	8	8	0.02	
			A0978148	469.5	471.0	0.033	0.005	6	13	0.03	
			A0978150	471.0	472.5	0.0025	0.001	2.5	2.5	0.01	
			A0978151	472.5	474.0	0.0025	0.001	2.5	2.5	0.02	
			A0978152	474.0	475.5	0.011	0.002	2.5	2.5	0.01	
			A0978153	475.5	477.0	0.006	0.001	2.5	2.5	0.01	
			A0978154	477.0	478.5	0.006	0.001	2.5	2.5	0.005	
			A0978155	478.5	480.0	0.007	0.001	2.5	2.5	0.02	
			A0978156	480.0	481.5	0.006	0.001	2.5	9	0.01	
			A0978157	481.5	483.0	0.011	0.001	2.5	2.5	0.01	
			A0978158	483.0	484.5	0.006	0.001	2.5	2.5	0.02	
			A0978159	484.5	486.0	0.008	0.001	2.5	2.5	0.03	
			A0978160	486.0	487.5	0.009	0.001	2.5	2.5	0.02	
			A0978161	487.5	489.0	0.009	0.001	2.5	2.5	0.01	

eggshell white with minor patches of apple green, massive crystalline, f-cg, non-magnetic, anorthosite
UC appears sharp but TCA can't be seen due to rubbling
>95% calcic plag 1-3% qz and apple green colour likely from contamination from upper peridotite
grains up to 2cm generally ~0.5cm
first (upper) 5cm effervesce but only slighlty and rest of unit does not. Weak to very weak carbonitization.
Ni min = nil
this unit may be key to understanding orientation of intrusion with plag crystals rising to top of intrusion during cooling. This can be seen by plag crystals intruding into downhole matic volcanic unit see following description. Alternatively, this is contact aureole at the base of intrusion.

grades from above into black to dark grey, vf-mg, massive to locally brecciated and laminated, vitreous, non-magnetic, difficult to scratch, mafic metavolcanics (komatiitic)
groundmass is vf black ~90% w/ fg rounded to angular clasts throughout of cb and plag
~10-15% irregular strngrs/vnlts of cb
plag crystals (up to 2cm generally 0.5cm) subhedral, presumed to be from lower anorthosite occur and gradually grade out @ 466m ~5%
patches of disseminated, tr-<1% vf-mg, py+po+pn+aw occur throughout *aw may be another silvery mineral* but wil be documented as aw for now

Project: Crawford Nickel **Hole Number:** CR20-39

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0978162	489.0	490.5	0.008	0.001	2.5	2.5	0.01	
			A0978163	490.5	492.0	0.011	0.001	2.5	2.5	0.005	
			A0978164	492.0	493.5	0.015	0.001	2.5	2.5	0.02	
			A0978165	493.5	495.0	0.013	0.002	2.5	2.5	0.02	
			A0978167	495.0	496.5	0.015	0.001	2.5	2.5	0.05	
			A0978168	496.5	498.0	0.015	0.002	2.5	2.5	0.05	
			A0978169	498.0	499.5	0.009	0.002	2.5	2.5	0.02	
			A0978170	499.5	501.0	0.013	0.001	2.5	2.5	0.03	
			A0978171	501.0	502.5	0.008	0.001	2.5	6	0.02	
			A0978172	502.5	504.0	0.007	0.002	2.5	2.5	0.02	
			A0978173	504.0	505.5	0.007	0.002	2.5	2.5	0.02	
			A0978174	505.5	507.0	0.01	0.002	2.5	2.5	0.02	
			A0978175	507.0	508.5	0.011	0.002	2.5	13	0.01	
			A0978176	508.5	510.0	0.008	0.001	2.5	10	0.01	
			A0978178	510.0	511.5	0.006	0.001	2.5	7	0.02	
			A0978179	511.5	513.0	0.008	0.001	2.5	2.5	0.005	
			A0978180	513.0	514.5	0.008	0.001	2.5	2.5	0.005	
			A0978181	514.5	516.0	0.007	0.001	2.5	6	0.01	
			A0978183	516.0	517.5	0.009	0.001	2.5	24	0.02	
			A0978184	517.5	519.0	0.012	0.001	2.5	11	0.02	
			A0978186	519.0	520.5	0.011	0.001	2.5	2.5	0.02	
			A0978187	520.5	522.0	0.014	0.003	2.5	2.5	0.03	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-40

Easting: 473597 **Length:** 378 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409995 **Azimuth:** 180 **Core Size:** NQ **Drilling Start:** Apr-27-2020

Elevation: 277.9657 **Dip:** -50 **Logged By:** Bobby Paloma **Drilling Completed:** Apr-30-2020

Tenure Number: PAT-49960

Comments: Hole abandoned due to poor ground condition.

From	To	Lithology
0	**48**	**OVB, Overburden**
48	**141**	**UP2, Dunite** Dark gray to green,fine-grained, adcumulate, pervasively magnetic, moderate to strongly serpentinized dunite.The interval is generally massive,but locally fractured to faulted/sheared in places (53m, 85m, 90m and 113.20m). About ~90% cumulates 1-2mm, 5% px, 3-5% serpentite+chrysolite+/-carbonate veinlets /stringers Carbonitization is moderate to strong in places due to patches carbonate veinlets/stringers up to 2-5%. Serpentinite-Chrysotile associated alteration is mod to strong occuring in local zones as wispy stylolitic veinlets/stringers. Magnetite occur as fine grained disseminations to veinlets/stringers throughout unit up to 3% 52.90 to 53.0m- Fault Zone (broken core), strong carbonate alteration. 85-85.50m - Fault Zone (broken core), strong carbonate / serpentinite alteration. 90.0- 91.0m - Strongly serpentiized zone. Possible fault / gouge.. 113.2 - 113.5m - Strongly serpentiized zone. Possible fault / gouge. Generally trace-minor sulphides from the higher levels grading to increased sulphides from 102m to 141m up to 3%, mainly consisting of finely disseminated, blebs and hariline stringers of pn+hz+/-po, trace-minor aw+/- cpy. Stronger nickel sulphide occurrence was noted within strrong magnetite veinlets/stringer zones and serpentizied alteration halos.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0971029	48.0	49.5	0.294	0.013	2.5	2.5	0.04	
A0971030	49.5	51.0	0.275	0.013	2.5	2.5	0.05	
A0971031	51.0	52.5	0.278	0.012	16	2.5	0.04	
A0971032	52.5	54.0	0.286	0.012	2.5	2.5	0.05	
A0971034	54.0	55.5	0.287	0.012	2.5	2.5	0.05	
A0971035	55.5	57.0	0.279	0.012	2.5	2.5	0.05	
A0971036	57.0	58.5	0.282	0.011	2.5	2.5	0.06	
A0971037	58.5	60.0	0.266	0.012	2.5	2.5	0.05	
A0971039	60.0	61.5	0.267	0.012	2.5	2.5	0.05	
A0971040	61.5	63.0	0.22	0.011	2.5	2.5	0.05	
A0971041	63.0	64.5	0.276	0.011	2.5	2.5	0.06	
A0971042	64.5	66.0	0.278	0.012	19	2.5	0.05	
A0971044	66.0	67.5	0.267	0.012	2.5	2.5	0.03	
A0971045	67.5	69.0	0.272	0.012	2.5	2.5	0.04	
A0971046	69.0	70.5	0.264	0.012	2.5	2.5	0.03	
A0971047	70.5	72.0	0.261	0.012	2.5	2.5	0.03	
A0971048	72.0	73.5	0.265	0.011	2.5	2.5	0.03	
A0971049	73.5	75.0	0.268	0.011	2.5	2.5	0.03	
A0971050	75.0	76.5	0.277	0.013	2.5	2.5	0.03	
A0971051	76.5	78.0	0.265	0.013	2.5	2.5	0.03	
A0971052	78.0	79.5	0.296	0.012	2.5	2.5	0.04	
A0971053	79.5	81.0	0.266	0.011	2.5	2.5	0.03	
A0971054	81.0	82.5	0.278	0.012	2.5	2.5	0.05	
A0971055	82.5	84.0	0.184	0.01	2.5	2.5	0.03	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971056	84.0	85.5	0.124	0.009	2.5	6	0.005	
			A0971057	85.5	87.0	0.263	0.012	2.5	2.5	0.03	
			A0971058	87.0	88.5	0.268	0.012	2.5	2.5	0.02	
			A0971059	88.5	90.0	0.284	0.012	2.5	2.5	0.02	
			A0971060	90.0	91.5	0.257	0.012	2.5	2.5	0.03	
			A0971061	91.5	93.0	0.264	0.011	2.5	2.5	0.005	
			A0971062	93.0	94.5	0.273	0.012	2.5	2.5	0.02	
			A0971063	94.5	96.0	0.279	0.012	2.5	2.5	0.02	
			A0971064	96.0	97.5	0.278	0.012	2.5	2.5	0.01	
			A0971065	97.5	99.0	0.263	0.012	2.5	2.5	0.01	
			A0971066	99.0	100.5	0.267	0.013	2.5	2.5	0.02	
			A0971067	100.5	102.0	0.27	0.012	2.5	2.5	0.03	
			A0971069	102.0	103.5	0.276	0.013	2.5	2.5	0.02	
			A0971070	103.5	105.0	0.27	0.013	2.5	2.5	0.01	
			A0971071	105.0	106.5	0.271	0.012	2.5	2.5	0.02	
			A0971072	106.5	108.0	0.276	0.012	2.5	2.5	0.02	
			A0971074	108.0	109.5	0.265	0.012	2.5	2.5	0.02	
			A0971075	109.5	111.0	0.266	0.011	2.5	2.5	0.03	
			A0971076	111.0	112.5	0.256	0.012	2.5	2.5	0.03	
			A0971077	112.5	114.0	0.28	0.01	2.5	2.5	0.05	
			A0971079	114.0	115.5	0.292	0.012	2.5	2.5	0.02	
			A0971080	115.5	117.0	0.286	0.012	2.5	2.5	0.02	
			A0971081	117.0	118.5	0.283	0.012	2.5	2.5	0.02	
			A0971082	118.5	120.0	0.279	0.012	2.5	2.5	0.02	
			A0971083	120.0	121.5	0.268	0.012	2.5	2.5	0.03	
			A0971084	121.5	123.0	0.268	0.012	2.5	2.5	0.03	
			A0971085	123.0	124.5	0.277	0.011	2.5	2.5	0.03	
			A0971086	124.5	126.0	0.264	0.012	2.5	2.5	0.02	
			A0971087	126.0	127.5	0.273	0.011	2.5	2.5	0.03	
			A0971088	127.5	129.0	0.269	0.011	2.5	2.5	0.03	
			A0971089	129.0	130.5	0.281	0.012	2.5	2.5	0.02	
			A0971090	130.5	132.0	0.282	0.012	2.5	2.5	0.02	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971091	132.0	133.5	0.268	0.011	2.5	2.5	0.02	
			A0971092	133.5	135.0	0.272	0.011	2.5	2.5	0.03	
			A0971093	135.0	136.5	0.268	0.012	2.5	2.5	0.03	
			A0971094	136.5	138.0	0.259	0.011	2.5	2.5	0.03	
			A0971095	138.0	139.5	0.286	0.011	2.5	19	0.04	
			A0971096	139.5	141.0	0.248	0.012	2.5	2.5	0.02	
141	**159**	**UP2C, Carbonatized Dunite** Light grey-green, white to grey, strong to pervasively strongly carbonitized, adcumulate, fg-mg dunite, local zones showing faint lamination and or lineation at 40-50LCA Pervassive carbonate alteration as interstitial and stockwork to stylolitic veinlets, common up to 20% in places rendering strong reaction to acids. Primary olivine / pyroxene observed in places, often altered to carbonate. Brecciation texture in places. The interval is moderate to weakly magnetic often seen as disseminations in groundmass and along fractures and stringers Mineralization encompass minor sulphides as fine disseminations, fracture fills to isolated patches of pn+hz+/-po, trace-minor aw.	A0971097	141.0	142.5	0.266	0.011	2.5	2.5	0.03	
			A0971098	142.5	144.0	0.234	0.011	2.5	2.5	0.04	
			A0971099	144.0	145.5	0.222	0.01	2.5	2.5	0.02	
			A0971100	145.5	147.0	0.221	0.01	2.5	2.5	0.01	
			A0971101	147.0	148.5	0.219	0.009	2.5	2.5	0.05	
			A0971102	148.5	150.0	0.206	0.009	2.5	2.5	0.02	
			A0971104	150.0	151.5	0.214	0.009	2.5	2.5	0.01	
			A0971105	151.5	153.0	0.235	0.01	2.5	2.5	0.02	
			A0971106	153.0	154.5	0.228	0.009	2.5	2.5	0.02	
			A0971107	154.5	156.0	0.216	0.009	2.5	2.5	0.02	
			A0971109	156.0	157.5	0.2	0.008	2.5	2.5	0.03	
			A0971110	157.5	159.0	0.247	0.01	2.5	2.5	0.02	
159	**378**	**UP2, Dunite** Dark gray to green,fine-grained, adcumulate, moderate to strongly magnetic, moderate serpentinized dunite.The rock unit is massive, locally fractured to heavily faulted/sheared towards the end of the hole. Carbonate alteration weak to moderate relatively occuring as patches carbonate veinlets/stringers up to 2-5%. Moderate serpentinite+/-chrysotile alteration is weak to moderate in places as stylolitic veinlets/stringers. Magnetite disseminations and veinlets/stringers occur throughout up to 3% . Native Cu-cpy-bn-pn-po at 189m and 262.10m. 191.20 to 191.40m- Fault Zone (broken core), mod to weak serpentinization. 209.60 to 209.80m- Fault Zone (broken core), mod to weak serpentinization. 196m-197 - Moderate to strongly fractured, locally faulted/gouge to stockworked zone with relative intense carbonate in matrix 189 - 192m - Presence of 3cm magnetite veinlets @ 30 LCA containing native copper, chalcopyrite and traces of bornite with minor pentlandite, pyrrhotite as blebby dissemination to fracture fills (up to 3%).The copper mineralization in the form of veins/veinlets may signify later stage "pulse event" different from the main nickel sulphide mineralization stage. 201-207m- Moderate to strongly fractured, faulted/gouge to stockworked zone with relative intense carbonate in matrix 262.1 - 262.2m - Presence of 2 cm magnetite vein @ 50 LCA containing native copper, chalcopyrite blebs with minor pentlandite, pyrrhotite as fine dissemination to fracture fills (up to 3%)	A0971111	159.0	160.5	0.251	0.01	6	2.5	0.03	
			A0971112	160.5	162.0	0.242	0.01	2.5	2.5	0.03	
			A0971114	162.0	163.5	0.257	0.01	2.5	2.5	0.03	
			A0971115	163.5	165.0	0.256	0.01	2.5	2.5	0.06	
			A0971116	165.0	166.5	0.259	0.011	2.5	2.5	0.02	
			A0971117	166.5	168.0	0.263	0.01	2.5	2.5	0.005	
			A0971118	168.0	169.5	0.263	0.011	2.5	2.5	0.02	
			A0971119	169.5	171.0	0.254	0.01	2.5	2.5	0.02	
			A0971120	171.0	172.5	0.261	0.012	2.5	2.5	0.005	
			A0971121	172.5	174.0	0.271	0.012	2.5	2.5	0.005	
			A0971122	174.0	175.5	0.279	0.012	2.5	2.5	0.005	
			A0971123	175.5	177.0	0.283	0.012	2.5	2.5	0.005	
			A0971124	177.0	178.5	0.282	0.011	2.5	2.5	0.03	
			A0971125	178.5	180.0	0.277	0.012	2.5	2.5	0.02	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		296.30-303m - Strong fault zone (broken core) with local gouge/clay, weak serpentinization but strong carbonate in matrix, 20% clay.	A0971126	180.0	181.5	0.295	0.012	2.5	2.5	0.02	
		314.60 - 314.80m- Fault / fractured zone (broken, crumbly core), mod to weak serpentinization with carbonate infills..	A0971127	181.5	183.0	0.296	0.012	2.5	2.5	0.03	
		339.5 - 340.5m - Highly fractured, sheared zone with strong carbonate alteration.	A0971128	183.0	184.5	0.301	0.012	2.5	2.5	0.02	
		344.0 349m - Fault / shear zone,crumbly, breccia texture with strong carbonate +/- talc in the matrix and fractures.	A0971129	184.5	186.0	0.274	0.012	2.5	2.5	0.03	
		352.5 - 354m - Fault / shear ,crumbly broken core with strong carbonate +/- talc in the matrix and in fractures.	A0971130	186.0	187.5	0.276	0.011	2.5	2.5	0.03	
		363.5- 364.70m - Fault / shear ,crumbly locally broken in places . Moderate to weak serpentinization, weak carbonate, trace talc in fractures.	A0971131	187.5	189.0	0.229	0.011	2.5	2.5	0.03	
		374 - 377m - Fault / shear ,crumbly to broken in places . Moderate to strong serpentinization with minor talc+/-carbonate in fractures.	A0971132	189.0	190.5	0.239	0.03	2.5	2.5	0.05	
			A0971133	190.5	192.0	0.279	0.013	2.5	2.5	0.03	
			A0971134	192.0	193.5	0.265	0.011	2.5	2.5	0.02	
			A0971135	193.5	195.0	0.264	0.011	2.5	2.5	0.02	
		Ni min = 0.5-<1% patchy vf-f disseminated pn+hz+aw	A0971136	195.0	196.5	0.229	0.01	2.5	2.5	0.02	
		Update 04/29: moderate to moderately strong serpentinzation continues through this unit w/ localized patches of very strong serpentinization. Still dominantly adcumulate and cb content decreases <1% and confined to frac fill	A0971137	196.5	198.0	0.294	0.011	2.5	2.5	0.02	
			A0971139	198.0	199.5	0.265	0.011	2.5	2.5	0.005	
		Ni min = 0.1-<1% vf-f patchy disseminated pn+hz+aw	A0971140	199.5	201.0	0.271	0.012	2.5	2.5	0.04	
		Update 04/30. Moderate to strong to local patches of serpentinized dunite towards 374m. Magnetite stringers common up to 5%. Local carbonates associated within fault zones.	A0971141	201.0	202.5	0.258	0.012	2.5	2.5	0.03	
			A0971142	202.5	204.0	0.269	0.013	2.5	2.5	0.04	
		Ni min = 0.1-<1% vf-f patchy disseminated pn+hz+aw	A0971144	204.0	205.5	0.281	0.014	6	2.5	0.03	
			A0971145	205.5	207.0	0.284	0.012	2.5	2.5	0.04	
		Update 05/01: above description continues to EOH, core becomes strongly fractured/rubbled near EOH	A0971146	207.0	208.5	0.278	0.012	2.5	2.5	0.04	
		Ni min = 0.1-<1% vf-f patchy disseminated pn+hz+aw	A0971147	208.5	210.0	0.262	0.011	2.5	2.5	0.04	
			A0971149	210.0	211.5	0.268	0.012	2.5	2.5	0.04	
			A0971150	211.5	213.0	0.274	0.013	2.5	2.5	0.02	
			A0971151	213.0	214.5	0.271	0.013	2.5	2.5	0.03	
			A0971152	214.5	216.0	0.268	0.013	2.5	2.5	0.03	
			A0971153	216.0	217.5	0.265	0.013	2.5	2.5	0.02	
			A0971154	217.5	219.0	0.274	0.013	2.5	2.5	0.03	
			A0971155	219.0	220.5	0.265	0.012	2.5	2.5	0.03	
			A0971156	220.5	222.0	0.265	0.012	2.5	2.5	0.04	
			A0971157	222.0	223.5	0.277	0.013	2.5	2.5	0.04	

A0971158	223.5	225.0	0.276	0.012	2.5	2.5	0.02
A0971159	225.0	226.5	0.27	0.012	2.5	2.5	0.02
A0971160	226.5	228.0	0.267	0.012	5	2.5	0.03

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971161	228.0	229.5	0.272	0.013	2.5	2.5	0.04	
			A0971162	229.5	231.0	0.274	0.013	2.5	2.5	0.04	
			A0971163	231.0	232.5	0.266	0.012	2.5	2.5	0.01	
			A0971164	232.5	234.0	0.271	0.013	2.5	2.5	0.01	
			A0971165	234.0	235.5	0.267	0.013	2.5	2.5	0.01	
			A0971166	235.5	237.0	0.276	0.013	2.5	2.5	0.005	
			A0971167	237.0	238.5	0.271	0.013	2.5	2.5	0.005	
			A0971168	238.5	240.0	0.272	0.013	2.5	2.5	0.01	
			A0971169	240.0	241.5	0.268	0.012	2.5	2.5	0.02	
			A0971170	241.5	243.0	0.261	0.012	2.5	2.5	0.01	
			A0971171	243.0	244.5	0.274	0.012	2.5	2.5	0.03	
			A0971172	244.5	246.0	0.247	0.012	2.5	2.5	0.02	
			A0971174	246.0	247.5	0.265	0.012	2.5	2.5	0.01	
			A0971175	247.5	249.0	0.266	0.013	2.5	2.5	0.02	
			A0971176	249.0	250.5	0.268	0.013	2.5	2.5	0.02	
			A0971177	250.5	252.0	0.271	0.013	2.5	2.5	0.02	
			A0971179	252.0	253.5	0.268	0.012	2.5	2.5	0.02	
			A0971180	253.5	255.0	0.266	0.012	2.5	2.5	0.005	
			A0971181	255.0	256.5	0.261	0.012	2.5	2.5	0.02	
			A0971182	256.5	258.0	0.256	0.013	2.5	2.5	0.005	
			A0971184	258.0	259.5	0.261	0.012	2.5	2.5	0.02	
			A0971185	259.5	261.0	0.256	0.012	2.5	2.5	0.01	
			A0971186	261.0	262.5	0.333	0.014	2.5	6	0.05	
			A0971187	262.5	264.0	0.272	0.014	2.5	2.5	0.01	
			A0971188	264.0	265.5	0.253	0.012	2.5	2.5	0.005	
			A0971189	265.5	267.0	0.252	0.012	2.5	2.5	0.005	
			A0971190	267.0	268.5	0.283	0.013	2.5	2.5	0.03	
			A0971191	268.5	270.0	0.25	0.012	2.5	2.5	0.02	
			A0971192	270.0	271.5	0.257	0.013	2.5	2.5	0.02	
			A0971193	271.5	273.0	0.257	0.013	2.5	2.5	0.02	
			A0971194	273.0	274.5	0.26	0.012	2.5	2.5	0.005	
			A0971195	274.5	276.0	0.26	0.014	2.5	2.5	0.01	

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From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971196	276.0	277.5	0.298	0.013	2.5	2.5	0.04	
			A0971197	277.5	279.0	0.257	0.013	2.5	2.5	0.02	
			A0971198	279.0	280.5	0.248	0.012	2.5	2.5	0.02	
			A0971199	280.5	282.0	0.255	0.013	2.5	2.5	0.02	
			A0971200	282.0	283.5	0.265	0.013	2.5	2.5	0.03	
			A0971201	283.5	285.0	0.282	0.013	6	2.5	0.02	
			A0971202	285.0	286.5	0.256	0.013	2.5	2.5	0.01	
			A0971203	286.5	288.0	0.271	0.013	12	2.5	0.03	
			A0971204	288.0	289.5	0.272	0.013	2.5	2.5	0.03	
			A0971205	289.5	291.0	0.254	0.012	2.5	2.5	0.02	
			A0971206	291.0	292.5	0.269	0.013	2.5	2.5	0.02	
			A0971207	292.5	294.0	0.259	0.012	2.5	2.5	0.03	
			A0971209	294.0	295.5	0.254	0.012	29	14	0.04	
			A0971210	295.5	297.0	0.256	0.013	2.5	2.5	0.03	
			A0971211	297.0	298.5	0.28	0.012	2.5	2.5	0.05	
			A0971212	298.5	300.0	0.273	0.012	2.5	2.5	0.05	
			A0971214	300.0	301.5	0.279	0.013	2.5	2.5	0.05	
			A0971215	301.5	303.0	0.272	0.013	2.5	2.5	0.04	
			A0971216	303.0	304.5	0.266	0.014	2.5	2.5	0.02	
			A0971217	304.5	306.0	0.274	0.012	2.5	2.5	0.04	
			A0971219	306.0	307.5	0.264	0.012	2.5	2.5	0.03	
			A0971220	307.5	309.0	0.264	0.013	2.5	2.5	0.02	
			A0971221	309.0	310.5	0.27	0.013	2.5	2.5	0.03	
			A0971222	310.5	312.0	0.263	0.012	2.5	2.5	0.02	
			A0971223	312.0	313.5	0.267	0.013	2.5	2.5	0.02	
			A0971224	313.5	315.0	0.269	0.013	2.5	6	0.03	
			A0971225	315.0	316.5	0.257	0.013	2.5	2.5	0.03	
			A0971226	316.5	318.0	0.259	0.013	2.5	2.5	0.02	
			A0971227	318.0	319.5	0.261	0.013	2.5	2.5	0.03	
			A0971228	319.5	321.0	0.254	0.013	2.5	2.5	0.02	
			A0971229	321.0	322.5	0.256	0.013	2.5	2.5	0.02	
			A0971230	322.5	324.0	0.253	0.013	2.5	2.5	0.03	

Project: Crawford Nickel **Hole Number:** CR20-40

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971231	324.0	325.5	0.257	0.014	2.5	2.5	0.04	
			A0971232	325.5	327.0	0.262	0.013	2.5	9	0.04	
			A0971233	327.0	328.5	0.249	0.013	2.5	2.5	0.02	
			A0971234	328.5	330.0	0.25	0.012	2.5	2.5	0.03	
			A0971235	330.0	331.5	0.25	0.013	2.5	2.5	0.04	
			A0971236	331.5	333.0	0.261	0.013	2.5	2.5	0.03	
			A0971237	333.0	334.5	0.267	0.013	11	2.5	0.02	
			A0971238	334.5	336.0	0.256	0.013	2.5	2.5	0.02	
			A0971239	336.0	337.5	0.269	0.013	2.5	2.5	0.04	
			A0971240	337.5	339.0	0.267	0.013	2.5	2.5	0.04	
			A0971241	339.0	340.5	0.267	0.013	2.5	2.5	0.05	
			A0971242	340.5	342.0	0.265	0.013	2.5	2.5	0.03	
			A0971244	342.0	343.5	0.262	0.012	2.5	2.5	0.04	
			A0971245	343.5	345.0	0.257	0.013	2.5	2.5	0.03	
			A0971246	345.0	346.5	0.255	0.013	2.5	2.5	0.04	
			A0971247	346.5	348.0	0.266	0.013	2.5	2.5	0.05	
			A0971249	348.0	349.5	0.253	0.012	2.5	2.5	0.04	
			A0971250	349.5	351.0	0.26	0.013	2.5	2.5	0.04	
			A0971251	351.0	352.5	0.247	0.013	2.5	2.5	0.04	
			A0971252	352.5	354.0	0.259	0.012	2.5	2.5	0.06	
			A0971254	354.0	355.5	0.262	0.012	6	2.5	0.06	
			A0971255	355.5	357.0	0.246	0.013	7	2.5	0.02	
			A0971256	357.0	358.5	0.246	0.013	2.5	2.5	0.04	
			A0971257	358.5	360.0	0.26	0.012	2.5	2.5	0.05	
			A0971258	360.0	361.5	0.257	0.013	2.5	6	0.05	
			A0971259	361.5	363.0	0.252	0.013	2.5	2.5	0.04	
			A0971260	363.0	364.5	0.236	0.013	2.5	2.5	0.03	
			A0971261	364.5	366.0	0.231	0.013	2.5	2.5	0.03	
			A0971262	366.0	367.5	0.284	0.014	2.5	2.5	0.02	
			A0971263	367.5	369.0	0.227	0.013	2.5	2.5	0.03	
			A0971264	369.0	370.5	0.225	0.013	2.5	2.5	0.05	
			A0971265	370.5	372.0	0.221	0.013	2.5	2.5	0.02	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-40

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971266	372.0	373.5	0.221	0.013	2.5	2.5	0.02	
			A0971267	373.5	375.0	0.218	0.013	2.5	2.5	0.04	
			A0971268	375.0	376.5	0.182	0.014	6	12	0.02	
			A0971269	376.5	378.0	0.152	0.014	6	2.5	0.01	

CANADA NICKEL COMPANY

DRILL LOG REPORT

Project: Crawford Nickel **Hole Number:** CR20-41

Easting: 473499 **Length:** 417 **Target:** East **Drilling Company:** NPLH Drilling

Northing: 5409800 **Azimuth:** 360 **Core Size:** NQ **Drilling Start:** May-01-2020

Elevation: 277.3657 **Dip:** -50 **Logged By:** Bobby Paloma **Drilling Completed:** May-05-2020

Tenure Number: PAT-49959

Comments:

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
0	**55**	**OVB, Overburden**									
55	**69**	**UP2, Dunite**	A0971797	55.0	56.0	0.238	0.012	2.5	2.5	0.06	
Dark green/gray, fine-medium grained, adcumulate, moderately serpentinized, pervasively magnetic dunite. Stringers or veinlets of apple green serpentine (up to 2%) with localized wispy chrysotile (up to 1%) in fractures/ joints. Highly fractured, broken core up to 69m in contact with carbonatized dunite.			A0971798	56.0	57.0	0.233	0.012	10	2.5	0.05	
			A0971799	57.0	58.5	0.219	0.012	2.5	2.5	0.05	
Ni min =<1% to 1%, patchy very fine grained, disseminated / interstitial pn+/-hw-po, traces of possible aw in places.			A0971800	58.5	60.0	0.24	0.012	7	2.5	0.05	
			A0971802	60.0	61.5	0.231	0.011	8	2.5	0.04	
			A0971803	61.5	63.0	0.23	0.011	6	2.5	0.05	
			A0971804	63.0	64.5	0.217	0.012	2.5	2.5	0.02	
			A0971805	64.5	66.0	0.23	0.012	10	2.5	0.02	
			A0971807	66.0	67.5	0.236	0.011	2.5	2.5	0.04	
			A0971808	67.5	69.0	0.246	0.011	2.5	2.5	0.05	
69	**99**	**UP2C, Carbonatized Dunite**	A0971809	69.0	70.5	0.213	0.011	2.5	2.5	0.02	
Light-dark grey to green, fine to medium grained, moderate to strong magnetic response, competent rock, difficult to scratch, moderate to strongly carbonitized dunite. Faint cumulate texture common as patches, with some overprinting of irregular wispy stylolitic fractures (stockwork) to stringers of carbonate up to 10%. Local crackle brecciation (fault zone) showing angular to subangular fragments surrounded by bleached, carbonatized halo from 79-80m.			A0971810	70.5	72.0	0.224	0.011	6	2.5	0.005	
			A0971812	72.0	73.5	0.269	0.012	2.5	2.5	0.02	
			A0971813	73.5	75.0	0.218	0.011	2.5	2.5	0.02	
Ni min =<1% to 1%, patchy very fine grained, disseminated / interstitial pn+/-hw-po, traces of possible aw in places.			A0971814	75.0	76.5	0.23	0.012	2.5	2.5	0.03	
			A0971815	76.5	78.0	0.224	0.011	2.5	2.5	0.005	
			A0971816	78.0	79.5	0.214	0.01	2.5	2.5	0.02	
			A0971817	79.5	81.0	0.232	0.012	2.5	2.5	0.02	
			A0971818	81.0	82.5	0.234	0.012	2.5	2.5	0.04	
			A0971819	82.5	84.0	0.235	0.011	2.5	2.5	0.06	
			A0971820	84.0	85.5	0.235	0.011	10	2.5	0.05	
			A0971821	85.5	87.0	0.226	0.012	2.5	2.5	0.04	
			A0971822	87.0	88.5	0.216	0.012	2.5	2.5	0.03	
			A0971823	88.5	90.0	0.219	0.011	2.5	2.5	0.03	

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971824	90.0	91.5	0.221	0.011	2.5	2.5	0.03	
			A0971825	91.5	93.0	0.226	0.011	2.5	2.5	0.04	
			A0971826	93.0	94.5	0.23	0.011	2.5	2.5	0.04	
			A0971827	94.5	96.0	0.236	0.012	2.5	2.5	0.04	
			A0971828	96.0	97.5	0.241	0.011	5	2.5	0.04	
			A0971829	97.5	99.0	0.248	0.011	6	2.5	0.03	
99	**264**	**UP2, Dunite** Dark green/black, fine-medium grained, adcumulate, moderately to strongly serpentinized, pervasively magnetic dunite. Patchy occurence of apple green serpentine-magnetite (up to 2%) stringers and or veinlets with patches of chrysotile as interstitial disseminations and stylolithic fractures fills and veinlets. Minor fault - shear zones with associated narrow but intense serpentinite-carbonate alteration haloes at 129.5m, 139m,146m and 247m. Gradual increased in pyroxene (> 10%) content commencing 264m. Ni min = 1%-3%, patchy, very fine grained, disseminated / interstitial, minor stringers pn+/-hw- po, traces of possible aw in places.	A0971830	99.0	100.5	0.251	0.011	8	2.5	0.03	
			A0971831	100.5	102.0	0.238	0.011	2.5	2.5	0.03	
			A0971832	102.0	103.5	0.242	0.013	2.5	2.5	0.02	
			A0971833	103.5	105.0	0.327	0.016	2.5	2.5	0.04	
			A0971834	105.0	106.5	0.253	0.013	2.5	2.5	0.04	
			A0971835	106.5	108.0	0.251	0.015	2.5	2.5	0.06	
			A0971837	108.0	109.5	0.242	0.012	2.5	2.5	0.05	
			A0971838	109.5	111.0	0.241	0.013	2.5	2.5	0.05	
			A0971839	111.0	112.5	0.241	0.013	2.5	2.5	0.06	
			A0971840	112.5	114.0	0.232	0.013	2.5	2.5	0.06	
			A0971842	114.0	115.5	0.233	0.013	2.5	2.5	0.04	
			A0971843	115.5	117.0	0.23	0.012	2.5	2.5	0.02	
			A0971844	117.0	118.5	0.24	0.013	2.5	2.5	0.03	
			A0971845	118.5	120.0	0.24	0.012	2.5	2.5	0.05	
			A0971847	120.0	121.5	0.221	0.013	2.5	2.5	0.04	
			A0971848	121.5	123.0	0.235	0.012	2.5	2.5	0.04	
			A0971849	123.0	124.5	0.238	0.013	2.5	2.5	0.03	
			A0971850	124.5	126.0	0.245	0.013	2.5	2.5	0.03	
			A0971851	126.0	127.5	0.243	0.014	2.5	2.5	0.02	
			A0971852	127.5	129.0	0.248	0.013	2.5	2.5	0.04	
			A0971853	129.0	130.5	0.237	0.011	2.5	2.5	0.05	
			A0971854	130.5	132.0	0.248	0.013	2.5	2.5	0.03	
			A0971855	132.0	133.5	0.255	0.014	2.5	2.5	0.01	
			A0971856	133.5	135.0	0.244	0.013	2.5	2.5	0.05	
			A0971857	135.0	136.5	0.251	0.013	2.5	2.5	0.04	
			A0971858	136.5	138.0	0.252	0.013	2.5	2.5	0.06	

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971859	138.0	139.5	0.245	0.012	2.5	2.5	0.05	
			A0971860	139.5	141.0	0.249	0.014	2.5	2.5	0.05	
			A0971861	141.0	142.5	0.268	0.012	2.5	2.5	0.05	
			A0971862	142.5	144.0	0.259	0.012	2.5	2.5	0.07	Native copper at 142.90m
			A0971863	144.0	145.5	0.251	0.013	2.5	2.5	0.01	
			A0971864	145.5	147.0	0.244	0.012	2.5	2.5	0.04	
			A0971865	147.0	148.5	0.238	0.013	2.5	2.5	0.03	
			A0971866	148.5	150.0	0.234	0.013	2.5	2.5	0.02	
			A0971867	150.0	151.5	0.251	0.013	2.5	2.5	0.02	
			A0971868	151.5	153.0	0.263	0.012	2.5	2.5	0.02	
			A0971869	153.0	154.5	0.254	0.012	2.5	2.5	0.005	
			A0971870	154.5	156.0	0.257	0.012	2.5	2.5	0.02	
			A0971872	156.0	157.5	0.247	0.012	2.5	2.5	0.005	
			A0971873	157.5	159.0	0.289	0.013	2.5	2.5	0.02	
			A0971874	159.0	160.5	0.255	0.013	2.5	2.5	0.01	
			A0971875	160.5	162.0	0.261	0.012	2.5	2.5	0.005	
			A0971877	162.0	163.5	0.256	0.012	2.5	2.5	0.005	
			A0971878	163.5	165.0	0.256	0.011	2.5	2.5	0.005	
			A0971879	165.0	166.5	0.257	0.012	2.5	2.5	0.02	
			A0971880	166.5	168.0	0.259	0.012	2.5	2.5	0.05	
			A0971882	168.0	169.5	0.28	0.013	2.5	2.5	0.03	
			A0971883	169.5	171.0	0.26	0.012	2.5	2.5	0.02	
			A0971884	171.0	172.5	0.268	0.012	2.5	2.5	0.01	
			A0971885	172.5	174.0	0.261	0.013	2.5	2.5	0.01	
			A0971886	174.0	175.5	0.261	0.012	2.5	2.5	0.005	
			A0971887	175.5	177.0	0.26	0.011	2.5	2.5	0.005	
			A0971888	177.0	178.5	0.272	0.012	2.5	2.5	0.03	
			A0971889	178.5	180.0	0.263	0.012	2.5	2.5	0.005	
			A0971890	180.0	181.5	0.263	0.012	2.5	2.5	0.03	
			A0971891	181.5	183.0	0.268	0.012	2.5	8	0.005	
			A0971892	183.0	184.5	0.271	0.012	2.5	2.5	0.04	
			A0971893	184.5	186.0	0.285	0.011	2.5	2.5	0.01	

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971894	186.0	187.5	0.281	0.012	2.5	2.5	0.06	
			A0971895	187.5	189.0	0.267	0.012	2.5	2.5	0.02	
			A0971896	189.0	190.5	0.278	0.012	2.5	2.5	0.005	
			A0971897	190.5	192.0	0.273	0.011	2.5	2.5	0.07	
			A0971898	192.0	193.5	0.286	0.011	2.5	2.5	0.02	
			A0971899	193.5	195.0	0.268	0.011	2.5	2.5	0.005	
			A0971900	195.0	196.5	0.278	0.012	2.5	2.5	0.005	
			A0971901	196.5	198.0	0.274	0.011	2.5	2.5	0.01	
			A0971902	198.0	199.5	0.276	0.012	47	2.5	0.03	
			A0971903	199.5	201.0	0.26	0.012	2.5	2.5	0.05	
			A0971904	201.0	202.5	0.238	0.011	5	2.5	0.04	
			A0971905	202.5	204.0	0.236	0.011	2.5	2.5	0.03	
			A0971907	204.0	205.5	0.274	0.011	2.5	2.5	0.04	
			A0971908	205.5	207.0	0.267	0.012	2.5	2.5	0.04	
			A0971909	207.0	208.5	0.274	0.011	2.5	2.5	0.06	
			A0971910	208.5	210.0	0.284	0.012	2.5	2.5	0.05	
			A0971912	210.0	211.5	0.281	0.013	2.5	2.5	0.04	
			A0971913	211.5	213.0	0.271	0.012	2.5	2.5	0.02	
			A0971914	213.0	214.5	0.278	0.012	2.5	5	0.03	
			A0971915	214.5	216.0	0.279	0.012	6	2.5	0.03	
			A0971917	216.0	217.5	0.293	0.012	2.5	2.5	0.04	
			A0971918	217.5	219.0	0.314	0.012	60	37	0.04	
			A0971919	219.0	220.5	0.328	0.013	74	28	0.04	
			A0971920	220.5	222.0	0.465	0.015	85	387	0.1	
			A0971921	222.0	223.5	0.436	0.015	11	59	0.1	
			A0971922	223.5	225.0	0.288	0.014	33	80	0.06	
			A0971923	225.0	226.5	0.288	0.014	50	127	0.06	
			A0971924	226.5	228.0	0.245	0.014	26	53	0.04	
			A0971925	228.0	229.5	0.25	0.013	8	2.5	0.05	
			A0971926	229.5	231.0	0.248	0.014	7	2.5	0.04	
			A0971927	231.0	232.5	0.236	0.014	2.5	6	0.05	
			A0971928	232.5	234.0	0.217	0.013	2.5	2.5	0.04	

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology
264	319	**UP1, Peridotite** Dark green/gray, patches of spotted white, fine to medium grained, mesocumulate to massive, pervasively magnetic peridotite. Local sections display coarser grains, poikilytic to faint snowflake textures within a moderate to weakly serpentinite alteration. Carbonitization is weak along micro fractures (minor to < 1%). Chrysotile associated with some emerald green serpentine as wispy, fracture fills / stringers < 1-2 in places Magnetite as hairline / stringers and disseminations up to 3-5% in places. Nickel sulphides as patches,disseminations, ranging from <1% -1% vf-fg pn+hz-aw-po. Minor grains of silvery white minerals possibly awaruite(?) from 280 m- 288 m and 300 m.

Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
A0971929	234.0	235.5	0.228	0.013	2.5	2.5	0.04	
A0971930	235.5	237.0	0.224	0.013	2.5	2.5	0.04	
A0971931	237.0	238.5	0.216	0.013	2.5	2.5	0.04	
A0971932	238.5	240.0	0.216	0.013	2.5	2.5	0.04	
A0971933	240.0	241.5	0.22	0.013	12	2.5	0.02	
A0971934	241.5	243.0	0.223	0.013	2.5	2.5	0.04	
A0971935	243.0	244.5	0.24	0.013	2.5	2.5	0.05	
A0971936	244.5	246.0	0.215	0.012	2.5	2.5	0.02	
A0971937	246.0	247.5	0.235	0.012	2.5	2.5	0.03	
A0971938	247.5	249.0	0.27	0.018	2.5	2.5	0.09	
A0971939	249.0	250.5	0.213	0.018	2.5	6	0.06	
A0971940	250.5	252.0	0.229	0.015	2.5	2.5	0.08	
A0971942	252.0	253.5	0.232	0.014	2.5	2.5	0.05	
A0971943	253.5	255.0	0.223	0.013	2.5	2.5	0.05	
A0971944	255.0	256.5	0.222	0.012	2.5	2.5	0.03	
A0971945	256.5	258.0	0.231	0.014	2.5	2.5	0.06	
A0971947	258.0	259.5	0.214	0.014	2.5	2.5	0.04	
A0971948	259.5	261.0	0.195	0.013	2.5	2.5	0.05	
A0971949	261.0	262.5	0.199	0.016	2.5	2.5	0.05	
A0971950	262.5	264.0	0.184	0.016	2.5	2.5	0.04	
A0971952	264.0	265.5	0.198	0.013	2.5	2.5	0.05	
A0971953	265.5	267.0					0.05	
A0971954	267.0	268.5	0.205	0.013	2.5	2.5	0.05	
A0971955	268.5	270.0	0.186	0.015	10	6	0.04	
A0971956	270.0	271.5	0.159	0.012	12	19	0.03	
A0971957	271.5	273.0	0.145	0.013	2.5	7	0.01	
A0971958	273.0	274.5	0.17	0.014	16	34	0.03	
A0971959	274.5	276.0	0.165	0.015	7	6	0.04	
A0971960	276.0	277.5	0.167	0.014	2.5	2.5	0.02	
A0971961	277.5	279.0	0.167	0.016	6	6	0.04	

0.19	0.013	2.5	2.5

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0971964	282.0	283.5	0.137	0.014	34	44	0.02	hz or aw
			A0971965	283.5	285.0	0.137	0.015	48	154	0.02	hz or aw
			A0971966	285.0	286.5	0.141	0.015	30	132	0.01	hz or aw
			A0971967	286.5	288.0	0.139	0.014	29	100	0.02	hz or aw
			A0971968	288.0	289.5	0.135	0.014	21	87	0.02	
			A0971969	289.5	291.0	0.131	0.016	23	74	0.04	
			A0971970	291.0	292.5	0.127	0.015	6	25	0.03	
			A0971971	292.5	294.0	0.119	0.015	6	7	0.03	
			A0971972	294.0	295.5	0.114	0.017	2.5	10	0.03	
			A0971973	295.5	297.0	0.113	0.015	2.5	2.5	0.03	
			A0971974	297.0	298.5	0.111	0.015	2.5	2.5	0.03	
			A0971975	298.5	300.0	0.11	0.016	15	10	0.02	
			A0971977	300.0	301.5	0.108	0.016	11	35	0.02	hz or aw
			A0971978	301.5	303.0	0.105	0.015	2.5	2.5	0.01	hz or aw
			A0971979	303.0	304.5	0.102	0.015	5	2.5	0.03	hz or aw
			A0971980	304.5	306.0	0.101	0.016	2.5	6	0.02	
			A0971982	306.0	307.5	0.099	0.015	6	6	0.02	
			A0971983	307.5	309.0	0.094	0.015	2.5	7	0.02	
			A0971984	309.0	310.5	0.09	0.014	2.5	9	0.03	
			A0971985	310.5	312.0	0.09	0.014	2.5	7	0.04	
			A0971987	312.0	313.5	0.083	0.015	5	6	0.04	
			A0971988	313.5	315.0	0.08	0.014	9	19	0.02	
			A0971989	315.0	316.5	0.068	0.014	44	49	0.03	
			A0971990	316.5	318.0	0.061	0.013	46	30	0.03	
			A0971991	318.0	319.5	0.043	0.01	93	48	0.03	
319	**337.7**	**UP4, Pyroxenite**	A0971991	318.0	319.5	0.043	0.01	93	48	0.03	
			A0971992	319.5	321.0	0.017	0.007	80	39	0.03	
			A0971993	321.0	322.5	0.02	0.008	285	293	0.01	
			A0971994	322.5	324.0	0.021	0.008	534	551	0.02	
			A0971995	324.0	325.5	0.023	0.008	1630	1580	0.005	
			A0971996	325.5	327.0	0.032	0.008	665	542	0.23	
			A0971997	327.0	328.5	0.036	0.008	156	34	0.3	

Dark grey/black to greenish gray, heavy, medium grained, adcumulate-mesocumulate to massive crystalline, local patches of moderately weakly serpentinized haloes within pyroxenite.

Few core sections display coarser grains at 327m. From 328m, pyroxenite gradually turns into greenish gray with texture becoming more of orthocumulate near lower contact with Leuco-Gabbro at 337.7m. Overall, carbonitization is very weak and confined along micro fractures (< 0.5%). Serpentine-chrysotile alteration also very weak (< 1 %) occuring as wispy,stylolitic fractures / stringers in places. Magnetic response is very low and conforms with magsus readings of < 1.0.

Nickel sulphides as patches,disseminations, ranging from 1-3% vf-fg pn+h. Minor

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
		grains of silvery white minerals awaruite in places. Minor to <1% native copper and chalcopyrite showings as fracture fills/ dissm at 328.5m, 333.9m,, 335m and 336.3m.	A0971998	328.5	330.0	0.034	0.006	38	2.5	0.05	
			A0971999	330.0	331.5	0.035	0.007	24	2.5	0.05	
			A0972000	331.5	333.0	0.03	0.006	14	2.5	0.05	
			A0972001	333.0	334.5	0.027	0.006	9	2.5	0.08	
			A0972002	334.5	336.0	0.04	0.006	2.5	2.5	0.2	
			A0972003	336.0	337.5	0.033	0.007	2.5	2.5	0.16	
			A0972004	337.5	339.0	0.018	0.005	2.5	2.5	0.03	
337.7	**394.1**	**MP1, Gabbro**	A0972004	337.5	339.0	0.018	0.005	2.5	2.5	0.03	
		White to light green, fine to medium grained, massive crystalline, very weakly serpentinized, leuco gabbro. Qtz+cb-chlorite veinlets with minor, vf-fg sulphides as disseminations / stringers/ veinlets pn-cpy-cu+/-po (i.e. 348m-352m, 358m-360m, 368-370m, 377.60m). From 377.60m, a 3-5cm qtz-chlorite vein @ 25 LCA with bleb disseminations of pn-hw-cpy-bo surrounded by silicified-sulphidic alteration halo. From 385.1 to 386.5m, Fault zone, locally brecciated, qtz-chlorite stringers with fine grains of pn-hw-cpy-bo.Possible millerite needles noted (with photo)	A0972005	339.0	340.5	0.017	0.004	2.5	2.5	0.03	
			A0972006	340.5	342.0	0.015	0.004	2.5	2.5	0.03	
			A0972007	342.0	343.5	0.01	0.003	2.5	2.5	0.02	
			A0972008	343.5	345.0	0.012	0.004	2.5	2.5	0.02	
			A0972009	345.0	346.5	0.012	0.004	2.5	2.5	0.005	
			A0972010	346.5	348.0	0.011	0.004	2.5	2.5	0.03	Native copper and chalcopyrite showings
			A0972012	348.0	349.5	0.014	0.004	2.5	2.5	0.02	Native copper and chalcopyrite showings
			A0972013	349.5	351.0	0.014	0.005	2.5	2.5	0.05	Native copper and chalcopyrite showings
			A0972014	351.0	352.5	0.013	0.005	2.5	2.5	0.04	Native copper and chalcopyrite showings
			A0972015	352.5	354.0	0.01	0.004	2.5	2.5	0.02	
			A0972017	354.0	355.5	0.013	0.004	2.5	2.5	0.04	Pentlandite-chalcopyrite showings in chlorite stringers/veinlets
			A0972018	355.5	357.0	0.013	0.004	2.5	2.5	0.03	Pentlandite-chalcopyrite showings in chlorite stringers/veinlets
			A0972019	357.0	358.5	0.008	0.003	2.5	2.5	0.02	Pentlandite-chalcopyrite showings in chlorite stringers/veinlets
			A0972020	358.5	360.0	0.017	0.004	2.5	2.5	0.06	Pentlandite-chalcopyrite showings in chlorite stringers/veinlets
			A0972022	360.0	361.5	0.011	0.004	2.5	2.5	0.07	
			A0972023	361.5	363.0	0.012	0.004	2.5	2.5	0.03	
			A0972024	363.0	364.5	0.01	0.004	2.5	2.5	0.04	
			A0972025	364.5	366.0	0.006	0.004	2.5	2.5	0.04	

A0972026	366.0	367.5	0.011	0.004	2.5	2.5	0.05
A0972027	367.5	369.0	0.014	0.004	2.5	2.5	0.04
A0972028	369.0	370.5	0.011	0.004	2.5	2.5	0.05

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0972029	370.5	372.0	0.008	0.004	2.5	2.5	0.06	
			A0972030	372.0	373.5	0.01	0.004	2.5	2.5	0.06	
			A0972031	373.5	375.0	0.008	0.004	2.5	2.5	0.04	
			A0972032	375.0	376.5	0.009	0.004	2.5	2.5	0.05	
			A0972033	376.5	378.0	0.009	0.004	2.5	2.5	0.05	
			A0972034	378.0	379.5	0.008	0.005	2.5	2.5	0.04	
			A0972035	379.5	381.0	0.01	0.004	2.5	2.5	0.03	
			A0972036	381.0	382.5	0.009	0.004	2.5	2.5	0.04	
			A0972037	382.5	384.0	0.014	0.005	2.5	2.5	0.09	
			A0972038	384.0	385.5	0.009	0.004	2.5	2.5	0.03	
			A0972039	385.5	387.0	0.008	0.004	2.5	2.5	0.02	
			A0972040	387.0	388.5	0.006	0.004	2.5	2.5	0.02	
			A0972041	388.5	390.0	0.0025	0.005	2.5	2.5	0.02	
			A0972042	390.0	391.5	0.0025	0.004	2.5	2.5	0.005	
			A0972043	391.5	393.0	0.006	0.005	2.5	2.5	0.03	
			A0972044	393.0	394.5	0.01	0.005	2.5	2.5	0.04	
394.1	**395.2**	**UP4, Pyroxenite** Dark gray/black, heavy, medium grained, mesocumulate to massive crystalline, moderately weakly serpentinized pyroxenite. Sharp upper contact with gabbro at 60 LCA and gradational lower contact with peridotite at 80 LCA. Nickel sulphides as very fine, disseminations, up to 1% pn+hw+/-aw-po.	A0972044	393.0	394.5	0.01	0.005	2.5	2.5	0.04	
			A0972045	394.5	396.0	0.076	0.016	9	14	0.18	
395.2	**416**	**UP1, Peridotite** Dark green/gray, patches of spotted white, fine to medium grained, mesocumulate, pervasively magnetic peridotite. The lower sections display faint poikilitic to snowflake textures within a moderate to weakly serpentinite altered groundmass. Moderate to strong magnetic response owing to magnetite stringers and disseminations up to 5%. Nickel sulphides as patches,disseminations, up to 1% vf-fg po-pn+hz-aw. Update 05/06: above description continues Ni min = 0.1-<1% patchy disseminated vf-f aw+pn+hz silvery mineralization, likely	A0972045	394.5	396.0	0.076	0.016	9	14	0.18	
			A0972047	396.0	397.5	0.142	0.02	8	18	0.09	
			A0972048	397.5	399.0	0.128	0.017	2.5	11	0.04	
			A0972049	399.0	400.5	0.113	0.019	2.5	10	0.05	
			A0972050	400.5	402.0	0.113	0.018	2.5	7	0.07	
			A0972052	402.0	403.5	0.142	0.017	2.5	8	0.05	
			A0972053	403.5	405.0	0.14	0.016	2.5	11	0.05	
			A0972054	405.0	406.5	0.144	0.013	2.5	12	0.06	
			A0972055	406.5	408.0	0.137	0.013	2.5	10	0.06	
			A0972057	408.0	409.5	0.144	0.014	2.5	11	0.07	

aw, is dominant near the end of this unit

Project: Crawford Nickel **Hole Number:** CR20-41

From	To	Lithology	Sample	From	To	Ni (%)	Co (%)	Pt (ppb)	Pd (ppb)	S (%)	Remarks
			A0972060	412.5	414.0	0.12	0.012	12	16	0.05	
			A0972061	414.0	415.5	0.126	0.013	2.5	10	0.05	
			A0972062	415.5	417.0	0.068	0.008	8	6	0.02	
416	**426**	**UP4, Pyroxenite**	A0972062	415.5	417.0	0.068	0.008	8	6	0.02	
Dark gray/black, locally mottled, heavy,medium grained, mesocumulate to massive crystalline, moderately to strongly serpentinized pyroxenite. Gradational upper contact peridotite at 40 LCA. Local serpentinite+chrysotile veinlets in places. Patches of interstitial / dissemination of chrysotile are common. Nickel sulphides as very fine, disseminations, from <1% to 1% po-pn+hw+/-aw..			A0972063	417.0	418.5	0.088	0.01	2.5	9	0.05	
			A0972064	418.5	420.0	0.083	0.009	2.5	9	0.04	
			A0972065	420.0	421.5	0.109	0.01	9	10	0.05	
			A0972066	421.5	423.0	0.118	0.011	2.5	2.5	0.06	
			A0972067	423.0	424.5	0.126	0.013	10	15	0.07	
			A0972068	424.5	426.0	0.147	0.013	7	10	0.06	

Appendix C – Assay Certificates

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-12403**
Report Date: **11-Oct-19**
Date Submitted: **16-Sep-19**
Your Reference: **Sept 16/19**

Spruce Ridge Resources
7735 Leslie Roadd West
Puslinch Ontario N0B 2J0
Canada

ATTN: Bill MacRae

CERTIFICATE OF ANALYSIS

180 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2019-09-30 12:37:55
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2019-10-08 11:35:58

REPORT **A19-12403**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
705851	17	< 5	< 5	3.72	< 0.01	< 0.001	3.70	0.010	0.37	0.009	6.32	0.4	< 0.01	15.8	0.10	0.145	< 0.01	0.06	< 0.01	19.6	0.07	< 0.005	0.01
705852	< 2	< 5	< 5	1.26	< 0.01	< 0.001	0.48	0.015	0.55	< 0.005	7.93	0.1	< 0.01	22.4	0.11	0.217	0.01	0.04	< 0.01	17.4	0.07	< 0.005	< 0.01
705853	< 2	24	7	1.25	< 0.01	< 0.001	0.69	0.014	0.52	< 0.005	7.39	0.1	< 0.01	22.5	0.11	0.208	< 0.01	0.03	< 0.01	17.1	0.07	< 0.005	< 0.01
705854	< 2	< 5	< 5	1.22	< 0.01	< 0.001	0.80	0.013	0.52	< 0.005	6.88	0.1	< 0.01	22.5	0.12	0.208	< 0.01	0.02	< 0.01	17.4	0.07	< 0.005	< 0.01
705855	< 2	< 5	< 5	1.19	< 0.01	< 0.001	0.79	0.014	0.54	< 0.005	7.25	0.1	< 0.01	22.4	0.14	0.213	< 0.01	0.03	< 0.01	17.6	0.06	< 0.005	< 0.01
705856	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.95	0.014	0.51	< 0.005	7.04	0.1	< 0.01	22.6	0.15	0.207	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
705857	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.98	0.015	0.52	< 0.005	7.22	0.1	< 0.01	22.4	0.15	0.206	0.01	< 0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
705858	< 2	< 5	< 5	1.11	< 0.01	< 0.001	0.81	0.013	0.51	< 0.005	7.06	< 0.1	< 0.01	22.2	0.14	0.204	< 0.01	0.11	< 0.01	17.0	0.06	< 0.005	< 0.01
705859	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.74	0.016	0.53	< 0.005	8.16	< 0.1	< 0.01	22.4	0.12	0.216	< 0.01	0.07	< 0.01	16.4	0.06	< 0.005	0.02
705860	< 2	< 5	< 5	0.96	< 0.01	< 0.001	0.97	0.014	0.52	< 0.005	7.74	< 0.1	< 0.01	23.0	0.12	0.215	< 0.01	0.04	< 0.01	16.9	0.06	< 0.005	< 0.01
705861	37	6	13	0.91	< 0.01	< 0.001	0.76	0.014	0.53	< 0.005	7.85	< 0.1	< 0.01	22.4	0.12	0.215	< 0.01	0.04	< 0.01	17.3	0.05	< 0.005	< 0.01
705862	10	51	17	0.89	< 0.01	< 0.001	1.15	0.015	0.53	< 0.005	7.85	< 0.1	< 0.01	22.4	0.11	0.214	< 0.01	0.05	< 0.01	17.0	0.05	< 0.005	< 0.01
705863	18	22	20	0.91	< 0.01	< 0.001	1.24	0.014	0.54	< 0.005	7.02	< 0.1	< 0.01	22.7	0.10	0.212	< 0.01	0.04	< 0.01	17.0	0.05	< 0.005	0.01
705864	4	< 5	< 5	0.83	< 0.01	< 0.001	1.93	0.013	0.50	< 0.005	6.87	< 0.1	< 0.01	21.6	0.10	0.200	< 0.01	0.07	< 0.01	16.1	0.05	< 0.005	< 0.01
705865	< 2	< 5	< 5	0.77	< 0.01	< 0.001	3.18	0.012	0.50	< 0.005	6.67	< 0.1	< 0.01	21.3	0.09	0.203	< 0.01	0.05	< 0.01	15.6	0.04	< 0.005	0.01
705866	6	27	7	0.78	< 0.01	< 0.001	3.48	0.015	0.52	< 0.005	7.44	< 0.1	< 0.01	21.9	0.10	0.222	0.01	0.06	< 0.01	16.0	0.05	< 0.005	< 0.01
705867	< 2	< 5	< 5	0.90	< 0.01	< 0.001	1.67	0.015	0.53	< 0.005	7.17	< 0.1	< 0.01	21.8	0.10	0.210	0.01	0.04	< 0.01	16.7	0.05	< 0.005	< 0.01
705868	3	< 5	< 5	0.87	< 0.01	< 0.001	1.41	0.014	0.59	0.008	6.93	< 0.1	< 0.01	22.6	0.11	0.226	< 0.01	0.06	< 0.01	17.1	0.05	0.007	0.01
705869	< 2	< 5	< 5	0.79	< 0.01	< 0.001	2.21	0.015	0.52	< 0.005	7.66	0.1	< 0.01	21.6	0.11	0.206	< 0.01	0.03	< 0.01	16.4	0.05	< 0.005	< 0.01
705870	< 2	< 5	< 5	0.83	< 0.01	< 0.001	1.77	0.016	0.53	0.008	7.51	< 0.1	< 0.01	22.5	0.11	0.228	0.01	0.05	< 0.01	16.6	0.05	< 0.005	< 0.01
705871	< 2	< 5	< 5	0.82	< 0.01	< 0.001	2.16	0.014	0.53	< 0.005	6.97	< 0.1	< 0.01	22.3	0.11	0.221	< 0.01	0.06	< 0.01	16.5	0.05	< 0.005	< 0.01
705872	9	29	< 5	0.77	< 0.01	< 0.001	2.83	0.013	0.50	< 0.005	7.27	0.1	< 0.01	20.8	0.11	0.214	< 0.01	0.03	< 0.01	16.1	0.04	< 0.005	< 0.01
705873	< 2	< 5	< 5	0.80	< 0.01	< 0.001	2.35	0.014	0.50	< 0.005	6.88	< 0.1	< 0.01	21.5	0.12	0.202	< 0.01	0.01	< 0.01	16.5	0.04	< 0.005	< 0.01
705874	< 2	< 5	< 5	0.86	< 0.01	< 0.001	2.81	0.014	0.51	< 0.005	6.99	< 0.1	< 0.01	21.2	0.12	0.202	0.01	0.04	< 0.01	16.8	0.05	< 0.005	< 0.01
705875	< 2	< 5	< 5	0.98	< 0.01	< 0.001	1.91	0.014	0.51	< 0.005	7.42	< 0.1	< 0.01	22.8	0.11	0.203	0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
705876	< 2	< 5	< 5	1.48	< 0.01	< 0.001	1.67	0.014	0.47	0.005	6.90	< 0.1	< 0.01	21.7	0.10	0.189	< 0.01	0.01	< 0.01	16.5	0.08	< 0.005	< 0.01
705877	< 2	< 5	7	1.22	< 0.01	< 0.001	1.95	0.013	0.47	0.005	6.74	< 0.1	< 0.01	21.8	0.11	0.188	0.01	0.01	< 0.01	16.4	0.07	< 0.005	< 0.01
705878	< 2	< 5	< 5	1.13	< 0.01	< 0.001	2.95	0.014	0.48	< 0.005	6.61	< 0.1	< 0.01	20.5	0.10	0.194	< 0.01	0.04	< 0.01	16.6	0.06	< 0.005	< 0.01
705879	< 2	< 5	< 5	1.05	< 0.01	< 0.001	3.77	0.014	0.48	< 0.005	6.66	< 0.1	< 0.01	20.1	0.12	0.191	< 0.01	0.02	< 0.01	16.5	0.06	< 0.005	< 0.01
705880	7	29	10	1.06	< 0.01	< 0.001	2.14	0.014	0.51	< 0.005	7.24	< 0.1	< 0.01	21.8	0.09	0.205	0.02	0.05	< 0.01	17.1	0.06	< 0.005	< 0.01
705881	< 2	< 5	< 5	1.00	< 0.01	< 0.001	3.04	0.014	0.50	< 0.005	6.71	< 0.1	< 0.01	21.2	0.09	0.203	< 0.01	0.03	< 0.01	16.4	0.05	< 0.005	< 0.01
705882	< 2	< 5	< 5	0.89	< 0.01	< 0.001	6.58	0.013	0.43	< 0.005	6.55	< 0.1	< 0.01	18.9	0.10	0.169	< 0.01	0.02	< 0.01	14.4	0.05	< 0.005	< 0.01
705883	< 2	< 5	< 5	0.83	< 0.01	< 0.001	6.55	0.012	0.45	< 0.005	6.81	< 0.1	< 0.01	19.2	0.11	0.179	< 0.01	0.04	< 0.01	14.5	0.05	< 0.005	< 0.01
705884	< 2	< 5	< 5	0.93	< 0.01	< 0.001	4.10	0.017	0.53	0.006	8.67	0.1	< 0.01	18.7	0.10	0.200	0.01	0.04	< 0.01	14.8	0.05	< 0.005	0.01
705885	< 2	< 5	< 5	0.93	< 0.01	< 0.001	3.44	0.015	0.50	< 0.005	6.96	< 0.1	< 0.01	20.7	0.09	0.202	0.01	0.05	< 0.01	15.4	0.05	< 0.005	< 0.01
705886	3	6	< 5	0.79	< 0.01	< 0.001	4.39	0.012	0.49	< 0.005	6.63	< 0.1	< 0.01	20.1	0.10	0.217	0.01	0.05	< 0.01	15.1	0.04	< 0.005	< 0.01
705887	54	46	32	0.89	< 0.01	< 0.001	2.35	0.013	0.54	< 0.005	7.45	< 0.1	< 0.01	21.9	0.09	0.227	< 0.01	0.06	< 0.01	16.7	0.05	< 0.005	< 0.01
705888	< 2	< 5	< 5	0.97	< 0.01	< 0.001	1.79	0.015	0.51	< 0.005	7.40	< 0.1	< 0.01	21.8	0.10	0.214	< 0.01	0.06	< 0.01	16.1	0.05	< 0.005	< 0.01
705889	< 2	< 5	5	1.15	< 0.01	< 0.001	2.07	0.016	0.51	0.009	7.93	< 0.1	< 0.01	21.3	0.10	0.202	< 0.01	0.04	< 0.01	16.3	0.07	< 0.005	< 0.01
705890	< 2	< 5	< 5	1.38	< 0.01	< 0.001	1.14	0.014	0.50	0.006	7.31	< 0.1	< 0.01	22.0	0.11	0.199	< 0.01	0.03	< 0.01	16.9	0.07	< 0.005	< 0.01
705891	< 2	< 5	< 5	1.28	< 0.01	< 0.001	0.80	0.014	0.51	< 0.005	7.34	< 0.1	< 0.01	22.4	0.11	0.198	< 0.01	0.02	< 0.01	17.5	0.07	< 0.005	0.01
705892	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.66	0.015	0.55	0.005	7.10	< 0.1	< 0.01	22.9	0.10	0.217	< 0.01	0.07	< 0.01	18.3	0.06	< 0.005	0.01
705893	< 2	< 5	< 5	0.95	< 0.01	< 0.001	0.73	0.016	0.55	< 0.005	7.75	< 0.1	< 0.01	22.6	0.10	0.236	0.01	0.07	< 0.01	16.9	0.05	< 0.005	< 0.01
705894	< 2	7	< 5	0.92	< 0.01	< 0.001	0.68	0.015	0.54	< 0.005	7.72	< 0.1	< 0.01	22.8	0.10	0.224	< 0.01	0.06	< 0.01	17.5	0.05	< 0.005	< 0.01
705895	< 2	5	< 5	0.96	< 0.01	< 0.001	1.03	0.014	0.55	< 0.005	7.07	< 0.1	< 0.01	22.8	0.11	0.224	< 0.01	0.08	< 0.01	16.8	0.06	< 0.005	< 0.01
705896	< 2	15	< 5	1.05	< 0.01	< 0.001	1.06	0.016	0.52	< 0.005	8.19	< 0.1	< 0.01	21.6	0.11	0.230	< 0.01	0.04	< 0.01	16.2	0.06	< 0.005	< 0.01
705897	< 2	7	< 5	1.14	< 0.01	< 0.001	0.90	0.015	0.54	< 0.005	7.23	< 0.1	< 0.01	22.7	0.11	0.217	< 0.01	0.06	< 0.01	17.3	0.06	< 0.005	< 0.01
705898	< 2	5	< 5	1.12	< 0.01	< 0.001	1.03	0.014	0.52	0.007	7.04	< 0.1	< 0.01	22.6	0.10	0.222	0.02	0.05	< 0.01	17.6	0.06	< 0.005	< 0.01
705899	< 2	9	< 5	1.03	< 0.01	< 0.001	1.42	0.016	0.59	0.013	7.13	0.1	< 0.01	22.5	0.13	0.218	< 0.01	0.08	< 0.01	17.6	0.06	< 0.005	0.01
705900	< 2	11	< 5	1.11	< 0.01	< 0.001	1.06	0.017	0.59	0.017	7.83	< 0.1	< 0.01	21.9	0.13	0.292	< 0.01	0.07	< 0.01	17.3	0.06	< 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
705901	< 2	< 5	< 5	1.24	< 0.01	< 0.001	1.04	0.014	0.49	< 0.005	7.33	< 0.1	< 0.01	22.4	0.12	0.201	< 0.01	0.04	< 0.01	17.8	0.07	< 0.005	< 0.01
705902	< 2	< 5	< 5	1.23	< 0.01	< 0.001	0.73	0.013	0.51	< 0.005	7.75	< 0.1	< 0.01	22.4	0.13	0.202	< 0.01	0.04	< 0.01	16.9	0.07	< 0.005	0.01
705903	< 2	5	< 5	1.17	< 0.01	< 0.001	0.42	0.013	0.52	< 0.005	7.26	< 0.1	< 0.01	22.5	0.12	0.216	< 0.01	0.06	< 0.01	17.4	0.06	< 0.005	< 0.01
705904	3	< 5	< 5	1.14	< 0.01	< 0.001	0.65	0.014	0.54	< 0.005	7.45	< 0.1	< 0.01	22.2	0.11	0.220	< 0.01	0.07	< 0.01	16.8	0.06	< 0.005	< 0.01
705905	2	18	< 5	1.02	< 0.01	< 0.001	0.80	0.014	0.56	< 0.005	7.95	< 0.1	< 0.01	21.9	0.11	0.227	< 0.01	0.07	< 0.01	16.5	0.06	< 0.005	0.01
705906	4	7	< 5	0.99	< 0.01	< 0.001	0.81	0.014	0.51	< 0.005	7.70	< 0.1	< 0.01	22.5	0.10	0.209	< 0.01	0.06	< 0.01	17.7	0.05	< 0.005	< 0.01
705907	4	< 5	< 5	0.95	< 0.01	< 0.001	0.70	0.016	0.58	< 0.005	9.08	< 0.1	< 0.01	22.1	0.10	0.232	< 0.01	0.06	< 0.01	17.2	0.05	< 0.005	< 0.01
705908	14	45	5	0.94	< 0.01	< 0.001	0.61	0.015	0.53	< 0.005	7.66	< 0.1	< 0.01	21.7	0.09	0.327	< 0.01	0.11	< 0.01	16.6	0.05	< 0.005	< 0.01
705909	55	32	36	0.86	< 0.01	< 0.001	0.32	0.014	0.53	< 0.005	7.70	< 0.1	< 0.01	22.5	0.10	0.222	< 0.01	0.07	< 0.01	17.0	0.05	< 0.005	< 0.01
705910	39	11	30	0.78	< 0.01	< 0.001	0.30	0.016	0.57	< 0.005	7.55	< 0.1	< 0.01	23.0	0.11	0.228	< 0.01	0.07	< 0.01	17.3	0.04	< 0.005	0.01
705911	31	9	12	0.90	< 0.01	< 0.001	0.62	0.015	0.55	< 0.005	8.26	< 0.1	< 0.01	22.4	0.11	0.228	< 0.01	0.07	< 0.01	17.2	0.05	< 0.005	< 0.01
705912	18	17	< 5	0.84	< 0.01	< 0.001	0.54	0.011	0.51	< 0.005	7.25	< 0.1	< 0.01	23.2	0.10	0.202	< 0.01	0.07	< 0.01	18.1	0.04	< 0.005	< 0.01
705913	116	91	73	0.80	< 0.01	< 0.001	0.59	0.016	0.56	< 0.005	6.99	< 0.1	< 0.01	22.9	0.10	0.225	< 0.01	0.10	< 0.01	17.7	0.04	< 0.005	< 0.01
705914	5	7	< 5	1.15	< 0.01	< 0.001	0.50	0.014	0.52	< 0.005	7.30	< 0.1	< 0.01	22.8	0.11	0.215	< 0.01	0.08	< 0.01	17.0	0.05	< 0.005	< 0.01
705915	< 2	< 5	< 5	5.06	< 0.01	< 0.001	13.8	0.007	0.05	0.007	7.11	< 0.1	< 0.01	9.26	0.16	0.029	< 0.01	0.02	< 0.01	16.9	0.51	< 0.005	< 0.01
705916	9	7	10	1.54	< 0.01	< 0.001	0.55	0.014	0.53	0.006	6.71	0.1	< 0.01	22.3	0.11	0.222	< 0.01	0.08	< 0.01	17.8	0.08	< 0.005	< 0.01
705917	3	< 5	< 5	0.82	< 0.01	< 0.001	0.36	0.016	0.55	< 0.005	6.87	< 0.1	< 0.01	23.1	0.10	0.223	< 0.01	0.08	< 0.01	17.9	0.05	< 0.005	< 0.01
705918	5	< 5	< 5	0.86	< 0.01	< 0.001	0.67	0.014	0.52	< 0.005	7.45	< 0.1	< 0.01	23.2	0.09	0.220	< 0.01	0.08	< 0.01	17.3	0.05	< 0.005	< 0.01
705919	26	9	16	0.83	< 0.01	< 0.001	0.55	0.014	0.51	< 0.005	6.47	< 0.1	< 0.01	23.0	0.09	0.205	< 0.01	0.07	< 0.01	17.4	0.05	< 0.005	< 0.01
705920	8	< 5	< 5	0.84	< 0.01	< 0.001	0.73	0.012	0.53	< 0.005	7.21	< 0.1	< 0.01	22.9	0.10	0.238	< 0.01	0.09	< 0.01	16.9	0.05	< 0.005	< 0.01
705921	35	16	7	0.84	< 0.01	< 0.001	0.53	0.015	0.55	< 0.005	7.02	< 0.1	< 0.01	23.1	0.10	0.237	< 0.01	0.10	< 0.01	16.9	0.05	< 0.005	< 0.01
705922	37	16	7	0.88	< 0.01	< 0.001	0.50	0.015	0.54	< 0.005	7.09	< 0.1	< 0.01	23.3	0.09	0.226	< 0.01	0.08	< 0.01	18.2	0.05	< 0.005	< 0.01
705923	8	< 5	< 5	0.88	< 0.01	< 0.001	0.72	0.013	0.52	< 0.005	8.34	< 0.1	< 0.01	22.6	0.10	0.209	< 0.01	0.08	< 0.01	17.1	0.05	< 0.005	< 0.01
705924	5	< 5	< 5	0.83	< 0.01	< 0.001	0.49	0.017	0.52	< 0.005	7.65	< 0.1	< 0.01	23.8	0.10	0.215	< 0.01	0.08	< 0.01	17.5	0.05	< 0.005	< 0.01
705925	< 2	< 5	< 5	0.85	< 0.01	< 0.001	1.07	0.016	0.54	< 0.005	6.81	< 0.1	< 0.01	23.4	0.09	0.222	< 0.01	0.08	< 0.01	17.6	0.05	< 0.005	< 0.01
705926	11	< 5	< 5	0.84	< 0.01	< 0.001	0.88	0.013	0.51	< 0.005	7.44	< 0.1	< 0.01	23.3	0.10	0.202	< 0.01	0.07	< 0.01	16.9	0.05	< 0.005	< 0.01
705927	5	< 5	< 5	0.81	< 0.01	< 0.001	0.73	0.015	0.52	< 0.005	7.11	< 0.1	< 0.01	23.2	0.10	0.206	< 0.01	0.08	< 0.01	17.3	0.05	< 0.005	< 0.01
705928	8	7	< 5	0.88	< 0.01	< 0.001	0.96	0.015	0.57	< 0.005	8.01	< 0.1	< 0.01	22.6	0.10	0.236	< 0.01	0.09	< 0.01	17.0	0.05	< 0.005	0.01
705929	3	8	< 5	0.88	< 0.01	< 0.001	0.56	0.016	0.56	< 0.005	7.04	< 0.1	< 0.01	23.1	0.09	0.225	< 0.01	0.08	< 0.01	17.8	0.05	< 0.005	< 0.01
705930	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.52	0.017	0.57	< 0.005	7.89	< 0.1	< 0.01	22.7	0.10	0.227	< 0.01	0.07	< 0.01	18.1	0.05	< 0.005	< 0.01
705931	< 2	< 5	< 5	0.90	< 0.01	< 0.001	0.27	0.015	0.58	< 0.005	7.12	< 0.1	< 0.01	23.5	0.10	0.241	< 0.01	0.07	< 0.01	17.9	0.05	< 0.005	< 0.01
705932	< 2	< 5	< 5	1.70	< 0.01	< 0.001	2.54	0.013	0.38	0.010	7.80	0.2	< 0.01	19.0	0.13	0.179	0.01	0.06	< 0.01	18.8	0.22	< 0.005	< 0.01
705933	3	< 5	< 5	3.06	< 0.01	< 0.001	4.44	0.011	0.19	0.012	8.39	0.2	< 0.01	15.2	0.16	0.125	< 0.01	0.03	< 0.01	20.5	0.50	< 0.005	< 0.01
705934	41	< 5	< 5	1.58	< 0.01	< 0.001	7.19	0.013	0.37	0.011	7.87	0.1	< 0.01	16.1	0.15	0.160	< 0.01	0.06	< 0.01	17.2	0.22	< 0.005	< 0.01
705935	5	< 5	< 5	1.37	< 0.01	< 0.001	5.33	0.013	0.30	0.041	7.20	0.2	< 0.01	17.3	0.09	0.143	< 0.01	0.05	< 0.01	16.9	0.15	< 0.005	< 0.01
705936	< 2	5	9	1.85	< 0.01	< 0.001	4.61	0.012	0.31	0.012	7.95	0.4	< 0.01	15.2	0.10	0.141	< 0.01	0.05	< 0.01	18.3	0.27	< 0.005	< 0.01
705937	20	< 5	< 5	3.40	< 0.01	< 0.001	4.34	0.011	0.12	0.018	9.12	0.7	< 0.01	12.3	0.13	0.122	< 0.01	0.07	< 0.01	21.3	0.58	< 0.005	< 0.01
705938	3	< 5	< 5	2.73	< 0.01	< 0.001	4.00	0.012	0.22	0.013	8.62	0.5	< 0.01	14.4	0.12	0.133	< 0.01	0.07	< 0.01	20.8	0.44	< 0.005	< 0.01
705939	< 2	12	9	0.85	< 0.01	< 0.001	0.95	0.014	0.48	< 0.005	7.21	< 0.1	< 0.01	21.3	0.14	0.184	< 0.01	0.03	< 0.01	16.6	0.05	< 0.005	< 0.01
705940	< 2	< 5	< 5	0.86	< 0.01	< 0.001	2.13	0.013	0.45	< 0.005	6.85	< 0.1	< 0.01	20.3	0.10	0.173	< 0.01	0.03	< 0.01	16.4	0.05	< 0.005	< 0.01
705941	2	6	< 5	0.84	< 0.01	< 0.001	1.95	0.015	0.47	< 0.005	7.56	< 0.1	< 0.01	20.3	0.11	0.185	< 0.01	0.02	< 0.01	16.1	0.04	< 0.005	< 0.01
705942	41	27	16	1.05	< 0.01	< 0.001	1.63	0.014	0.46	< 0.005	6.56	< 0.1	< 0.01	20.0	0.11	0.189	< 0.01	0.03	< 0.01	15.8	0.04	< 0.005	< 0.01
705943	< 2	21	7	1.77	< 0.01	< 0.001	2.41	0.013	0.41	0.009	6.36	< 0.1	< 0.01	19.5	0.11	0.146	0.01	< 0.01	< 0.01	14.7	0.09	< 0.005	< 0.01
705944	< 2	< 5	< 5	3.37	< 0.01	< 0.001	3.43	0.011	0.32	0.015	6.22	< 0.1	< 0.01	18.8	0.15	0.118	< 0.01	0.01	< 0.01	13.6	0.24	< 0.005	< 0.01
705945	< 2	< 5	< 5	0.71	< 0.01	< 0.001	0.77	0.014	0.46	< 0.005	6.83	< 0.1	< 0.01	20.0	0.12	0.179	0.01	0.02	< 0.01	14.7	0.04	< 0.005	< 0.01
705946	< 2	< 5	< 5	0.67	< 0.01	< 0.001	0.85	0.014	0.46	< 0.005	6.74	< 0.1	< 0.01	20.5	0.12	0.183	< 0.01	0.02	< 0.01	14.5	0.04	< 0.005	< 0.01
705947	< 2	6	< 5	0.66	< 0.01	< 0.001	0.68	0.014	0.46	< 0.005	6.80	< 0.1	< 0.01	20.0	0.12	0.184	< 0.01	0.01	< 0.01	14.2	0.04	< 0.005	< 0.01
705948	< 2	< 5	6	0.67	< 0.01	< 0.001	0.73	0.014	0.48	< 0.005	6.55	< 0.1	< 0.01	19.8	0.12	0.184	< 0.01	0.02	< 0.01	15.0	0.04	< 0.005	< 0.01
705949	< 2	< 5	< 5	0.83	< 0.01	< 0.001	1.84	0.014	0.46	< 0.005	6.72	< 0.1	< 0.01	19.6	0.08	0.186	0.01	< 0.01	< 0.01	15.5	0.04	< 0.005	< 0.01
705950	< 2	< 5	< 5	1.36	< 0.01	< 0.001	1.49	0.011	0.37	< 0.005	6.10	< 0.1	< 0.01	19.7	0.10	0.170	< 0.01	0.01	< 0.01	15.1	0.12	< 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
705951	< 2	5	< 5	0.92	< 0.01	< 0.001	1.44	0.013	0.46	< 0.005	7.11	< 0.1	< 0.01	19.8	0.12	0.180	< 0.01	0.02	< 0.01	15.1	0.05	< 0.005	< 0.01
705952	< 2	< 5	< 5	0.92	< 0.01	< 0.001	1.71	0.012	0.44	< 0.005	6.82	< 0.1	< 0.01	19.3	0.08	0.175	< 0.01	0.03	< 0.01	14.3	0.05	< 0.005	< 0.01
705953	< 2	< 5	< 5	0.93	< 0.01	< 0.001	1.39	0.013	0.42	< 0.005	7.32	0.1	< 0.01	19.8	0.10	0.173	< 0.01	0.10	< 0.01	15.1	0.05	< 0.005	< 0.01
705954	< 2	< 5	< 5	1.00	< 0.01	< 0.001	1.33	0.012	0.44	< 0.005	6.35	0.1	< 0.01	19.8	0.10	0.176	< 0.01	0.08	< 0.01	15.7	0.05	< 0.005	< 0.01
705955	< 2	< 5	< 5	0.92	< 0.01	< 0.001	1.30	0.012	0.45	< 0.005	6.67	< 0.1	< 0.01	19.7	0.15	0.180	< 0.01	0.04	< 0.01	14.7	0.05	< 0.005	< 0.01
705956	< 2	15	< 5	0.95	< 0.01	< 0.001	0.69	0.012	0.47	< 0.005	6.64	< 0.1	< 0.01	20.4	0.13	0.188	< 0.01	0.04	< 0.01	15.2	0.05	< 0.005	< 0.01
705957	< 2	6	< 5	0.94	< 0.01	< 0.001	0.99	0.012	0.46	< 0.005	6.75	0.1	< 0.01	20.3	0.10	0.184	< 0.01	0.03	< 0.01	15.9	0.05	< 0.005	< 0.01
705958	< 2	< 5	< 5	0.87	< 0.01	< 0.001	1.34	0.013	0.45	< 0.005	6.63	< 0.1	< 0.01	19.4	0.08	0.184	< 0.01	0.06	< 0.01	15.0	0.05	< 0.005	< 0.01
705959	< 2	18	10	0.96	< 0.01	< 0.001	1.27	0.012	0.44	< 0.005	6.57	< 0.1	< 0.01	18.6	0.07	0.172	< 0.01	0.09	< 0.01	14.6	0.05	< 0.005	< 0.01
705960	< 2	< 5	< 5	1.17	< 0.01	< 0.001	2.34	0.011	0.41	0.005	6.17	< 0.1	< 0.01	18.8	0.08	0.167	< 0.01	0.04	< 0.01	13.8	0.06	< 0.005	< 0.01
705961	< 2	< 5	< 5	1.33	< 0.01	< 0.001	1.94	0.012	0.41	0.024	6.66	0.1	< 0.01	18.5	0.09	0.166	0.01	0.07	< 0.01	15.3	0.07	< 0.005	< 0.01
705962	< 2	12	< 5	1.21	< 0.01	< 0.001	2.03	0.012	0.45	< 0.005	6.64	< 0.1	< 0.01	19.1	0.08	0.178	0.01	< 0.01	< 0.01	15.6	0.07	< 0.005	< 0.01
705963	< 2	< 5	< 5	1.11	< 0.01	< 0.001	1.09	0.013	0.50	0.009	6.80	< 0.1	< 0.01	19.7	0.10	0.181	< 0.01	0.02	< 0.01	15.5	0.06	< 0.005	< 0.01
705964	< 2	26	10	1.22	< 0.01	< 0.001	2.30	0.014	0.41	0.005	6.19	< 0.1	< 0.01	18.5	0.07	0.204	< 0.01	0.03	< 0.01	15.0	0.06	< 0.005	< 0.01
705965	< 2	< 5	< 5	1.22	< 0.01	< 0.001	1.72	0.013	0.43	< 0.005	6.46	< 0.1	< 0.01	18.8	0.11	0.173	0.01	0.02	< 0.01	15.3	0.06	< 0.005	< 0.01
705966	< 2	9	< 5	1.26	< 0.01	< 0.001	0.87	0.016	0.43	0.006	7.06	< 0.1	< 0.01	20.1	0.12	0.368	< 0.01	0.15	< 0.01	15.4	0.07	< 0.005	< 0.01
705967	< 2	< 5	< 5	1.10	< 0.01	< 0.001	0.84	0.012	0.44	< 0.005	6.53	< 0.1	< 0.01	19.2	0.09	0.182	< 0.01	0.02	< 0.01	15.6	0.06	< 0.005	< 0.01
705968	< 2	13	< 5	0.84	< 0.01	< 0.001	1.10	0.012	0.52	< 0.005	6.49	< 0.1	< 0.01	20.4	0.09	0.192	< 0.01	0.04	< 0.01	16.0	0.04	< 0.005	< 0.01
705969	< 2	11	< 5	0.73	< 0.01	< 0.001	1.34	0.012	0.54	< 0.005	6.51	< 0.1	< 0.01	19.6	0.10	0.193	< 0.01	0.02	< 0.01	15.3	0.04	< 0.005	< 0.01
705970	< 2	10	< 5	0.72	< 0.01	< 0.001	0.86	0.013	0.46	< 0.005	6.80	< 0.1	< 0.01	20.6	0.12	0.194	0.01	0.02	< 0.01	14.8	0.04	< 0.005	< 0.01
705971	< 2	16	11	0.69	< 0.01	< 0.001	0.66	0.012	0.48	< 0.005	7.17	< 0.1	< 0.01	19.4	0.11	0.192	0.01	< 0.01	< 0.01	14.2	0.04	< 0.005	< 0.01
705972	< 2	7	7	0.70	< 0.01	< 0.001	0.84	0.013	0.59	< 0.005	6.62	< 0.1	< 0.01	20.4	0.10	0.195	< 0.01	0.03	< 0.01	15.1	0.04	< 0.005	< 0.01
705973	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.89	0.014	0.95	0.006	6.14	< 0.1	< 0.01	19.4	0.12	0.193	< 0.01	0.01	< 0.01	14.2	0.04	< 0.005	< 0.01
705974	< 2	5	< 5	0.66	< 0.01	< 0.001	0.97	0.014	0.47	< 0.005	6.59	< 0.1	< 0.01	20.7	0.10	0.190	< 0.01	0.02	< 0.01	14.7	0.04	< 0.005	< 0.01
705975	< 2	13	10	0.68	< 0.01	< 0.001	1.25	0.012	0.46	< 0.005	6.39	< 0.1	< 0.01	19.4	0.08	0.190	0.02	0.02	< 0.01	14.7	0.04	< 0.005	< 0.01
705976	< 2	6	< 5	0.70	< 0.01	< 0.001	1.94	0.011	0.45	< 0.005	6.13	< 0.1	< 0.01	19.8	0.08	0.184	0.01	0.02	< 0.01	15.0	0.04	< 0.005	< 0.01
705977	< 2	6	< 5	1.11	< 0.01	< 0.001	2.75	0.011	0.43	< 0.005	6.43	< 0.1	< 0.01	18.5	0.07	0.182	< 0.01	0.03	< 0.01	14.5	0.08	< 0.005	< 0.01
705978	< 2	10	9	0.80	< 0.01	< 0.001	2.02	0.013	0.46	< 0.005	6.24	< 0.1	< 0.01	19.1	0.07	0.188	< 0.01	0.03	< 0.01	15.2	0.04	< 0.005	< 0.01
705979	< 2	< 5	< 5	0.74	< 0.01	< 0.001	1.79	0.013	0.45	< 0.005	6.05	< 0.1	< 0.01	19.3	0.10	0.187	< 0.01	0.06	< 0.01	14.8	0.04	< 0.005	< 0.01
705980	< 2	< 5	< 5	1.12	< 0.01	< 0.001	3.07	0.011	0.43	< 0.005	6.32	< 0.1	< 0.01	18.8	0.07	0.175	< 0.01	0.05	< 0.01	14.6	0.06	< 0.005	< 0.01
705981	< 2	< 5	< 5	1.20	< 0.01	< 0.001	1.50	0.012	0.45	< 0.005	6.38	< 0.1	< 0.01	19.1	0.11	0.182	< 0.01	0.03	< 0.01	15.3	0.06	< 0.005	< 0.01
705982	< 2	< 5	< 5	1.10	< 0.01	< 0.001	2.25	0.013	0.41	< 0.005	6.79	< 0.1	< 0.01	18.4	0.10	0.174	< 0.01	0.05	< 0.01	15.5	0.06	< 0.005	< 0.01
705983	< 2	7	< 5	1.00	< 0.01	< 0.001	4.93	0.011	0.39	< 0.005	6.20	< 0.1	< 0.01	16.8	0.08	0.177	< 0.01	0.04	< 0.01	14.1	0.05	< 0.005	< 0.01
705984	< 2	47	26	1.07	< 0.01	< 0.001	4.99	0.012	0.44	< 0.005	6.20	< 0.1	< 0.01	17.0	0.09	0.180	< 0.01	0.03	< 0.01	15.3	0.06	< 0.005	< 0.01
705985	< 2	26	13	0.94	< 0.01	< 0.001	1.94	0.012	0.43	< 0.005	6.39	< 0.1	< 0.01	19.8	0.11	0.208	< 0.01	0.04	< 0.01	15.0	0.05	< 0.005	< 0.01
705986	< 2	6	7	1.00	< 0.01	< 0.001	3.20	0.012	0.38	< 0.005	6.99	< 0.1	< 0.01	19.6	0.10	0.174	< 0.01	0.03	< 0.01	15.5	0.05	< 0.005	< 0.01
705987	< 2	10	7	0.97	< 0.01	< 0.001	2.12	0.013	0.46	< 0.005	6.86	< 0.1	< 0.01	21.0	0.10	0.194	< 0.01	0.05	< 0.01	16.4	0.06	< 0.005	< 0.01
705988	< 2	8	< 5	1.00	< 0.01	< 0.001	3.65	0.013	0.47	< 0.005	5.95	< 0.1	< 0.01	20.5	0.08	0.189	< 0.01	0.05	< 0.01	16.5	0.05	< 0.005	< 0.01
705989	< 2	5	< 5	1.10	< 0.01	< 0.001	3.00	0.013	0.47	< 0.005	6.08	< 0.1	< 0.01	21.0	0.09	0.191	< 0.01	0.07	< 0.01	16.2	0.06	< 0.005	< 0.01
705990	3	218	48	0.91	< 0.01	< 0.001	3.08	0.013	0.50	0.007	7.23	< 0.1	< 0.01	21.2	0.09	0.191	0.01	0.06	< 0.01	16.4	0.05	< 0.005	< 0.01
705991	< 2	6	< 5	0.83	0.02	< 0.001	3.07	0.013	0.47	0.007	7.19	< 0.1	< 0.01	21.4	0.09	0.190	< 0.01	0.02	< 0.01	16.1	0.05	< 0.005	< 0.01
705992	< 2	7	7	0.79	< 0.01	< 0.001	2.73	0.014	0.49	< 0.005	6.83	< 0.1	< 0.01	21.9	0.10	0.206	0.01	0.05	< 0.01	15.9	0.05	< 0.005	< 0.01
705993	< 2	6	< 5	0.85	< 0.01	< 0.001	1.45	0.014	0.52	< 0.005	8.07	< 0.1	< 0.01	23.0	0.13	0.214	< 0.01	0.06	< 0.01	17.1	0.05	< 0.005	< 0.01
705994	< 2	< 5	< 5	0.88	< 0.01	< 0.001	1.14	0.015	0.53	< 0.005	7.91	< 0.1	< 0.01	23.6	0.12	0.221	< 0.01	0.07	< 0.01	17.4	0.05	< 0.005	< 0.01
705995	< 2	< 5	< 5	0.79	< 0.01	< 0.001	1.34	0.015	0.55	< 0.005	7.80	< 0.1	< 0.01	24.7	0.11	0.221	< 0.01	0.07	< 0.01	17.7	0.05	< 0.005	< 0.01
705996	< 2	22	25	0.85	< 0.01	< 0.001	1.19	0.016	0.57	< 0.005	7.79	< 0.1	< 0.01	24.5	0.12	0.235	< 0.01	0.07	< 0.01	18.5	0.05	< 0.005	< 0.01
705997	< 2	5	< 5	0.77	< 0.01	< 0.001	1.88	0.015	0.54	< 0.005	8.40	< 0.1	< 0.01	22.9	0.13	0.242	0.01	0.07	< 0.01	17.2	0.04	< 0.005	< 0.01
705998	< 2	6	12	0.79	< 0.01	< 0.001	1.61	0.014	0.55	< 0.005	8.52	< 0.1	< 0.01	24.3	0.12	0.238	< 0.01	0.08	< 0.01	17.7	0.04	< 0.005	< 0.01
705999	< 2	10	6	0.71	< 0.01	< 0.001	0.74	0.016	0.58	0.006	7.85	< 0.1	< 0.01	25.4	0.12	0.268	< 0.01	0.10	< 0.01	18.5	0.04	< 0.005	< 0.01
706000	< 2	7	7	0.76	< 0.01	< 0.001	0.68	0.017	0.59	< 0.005	7.61	< 0.1	< 0.01	25.4	0.11	0.255	0.01	0.08	< 0.01	18.7	0.04	< 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
705801	< 2	6	6	0.66	< 0.01	< 0.001	0.69	0.015	0.54	< 0.005	6.38	< 0.1	< 0.01	23.5	0.10	0.229	< 0.01	0.07	< 0.01	16.8	0.04	< 0.005	< 0.01
705802	< 2	< 5	< 5	0.65	< 0.01	< 0.001	1.02	0.015	0.53	< 0.005	6.69	< 0.1	< 0.01	23.3	0.10	0.251	0.01	0.08	< 0.01	16.7	0.04	< 0.005	0.01
705803	< 2	7	6	0.66	< 0.01	< 0.001	1.16	0.015	0.48	< 0.005	6.74	< 0.1	< 0.01	22.9	0.09	0.215	< 0.01	0.07	< 0.01	16.1	0.04	< 0.005	< 0.01
705804	< 2	9	17	0.65	< 0.01	< 0.001	2.14	0.012	0.47	< 0.005	10.5	< 0.1	< 0.01	20.8	0.10	0.198	0.01	0.04	< 0.01	14.8	0.04	< 0.005	< 0.01
705805	< 2	9	10	0.64	< 0.01	< 0.001	0.78	0.014	0.55	< 0.005	6.91	< 0.1	< 0.01	22.9	0.10	0.242	< 0.01	0.09	< 0.01	16.0	0.04	< 0.005	< 0.01
705806	4	10	8	0.67	< 0.01	< 0.001	1.00	0.013	0.52	< 0.005	7.95	< 0.1	< 0.01	22.5	0.11	0.218	< 0.01	0.07	< 0.01	15.9	0.04	< 0.005	< 0.01
705807	30	133	118	0.69	< 0.01	< 0.001	0.44	0.014	0.51	< 0.005	6.72	< 0.1	< 0.01	23.4	0.10	0.219	< 0.01	0.08	< 0.01	17.2	0.04	< 0.005	< 0.01
705808	2	8	7	0.68	< 0.01	< 0.001	0.36	0.016	0.51	< 0.005	7.10	< 0.1	< 0.01	22.7	0.10	0.221	< 0.01	0.08	< 0.01	16.6	0.04	< 0.005	< 0.01
705809	37	31	20	0.66	< 0.01	< 0.001	0.90	0.015	0.50	< 0.005	7.01	< 0.1	< 0.01	23.0	0.11	0.206	< 0.01	0.07	< 0.01	16.2	0.04	< 0.005	< 0.01
705810	7	6	7	0.65	< 0.01	< 0.001	0.44	0.016	0.51	< 0.005	7.55	< 0.1	< 0.01	23.1	0.10	0.213	< 0.01	0.08	< 0.01	16.8	0.04	< 0.005	< 0.01
705811	7	10	12	0.66	< 0.01	< 0.001	0.78	0.015	0.50	< 0.005	7.43	< 0.1	< 0.01	22.8	0.09	0.258	< 0.01	0.11	< 0.01	16.5	0.04	< 0.005	< 0.01
705812	< 2	85	53	0.66	< 0.01	< 0.001	0.94	0.015	0.51	< 0.005	8.12	< 0.1	< 0.01	22.5	0.10	0.221	< 0.01	0.08	< 0.01	16.3	0.04	< 0.005	< 0.01
705813	< 2	22	14	0.65	< 0.01	< 0.001	0.90	0.015	0.50	0.014	6.36	< 0.1	< 0.01	22.8	0.10	0.221	< 0.01	0.12	< 0.01	16.7	0.03	< 0.005	< 0.01
705814	< 2	25	30	0.64	< 0.01	< 0.001	1.87	0.014	0.52	0.006	8.34	< 0.1	< 0.01	22.2	0.10	0.204	< 0.01	0.10	< 0.01	15.6	0.03	< 0.005	< 0.01
705815	< 2	7	< 5	0.66	< 0.01	< 0.001	1.62	0.014	0.51	0.028	8.85	< 0.1	< 0.01	22.0	0.11	0.227	< 0.01	0.14	< 0.01	15.7	0.04	< 0.005	< 0.01
705816	< 2	24	19	0.64	< 0.01	< 0.001	0.87	0.016	0.58	0.007	9.06	< 0.1	< 0.01	22.8	0.10	0.240	< 0.01	0.14	< 0.01	15.9	0.04	< 0.005	< 0.01
705817	< 2	16	10	0.61	< 0.01	< 0.001	1.37	0.013	0.54	0.010	7.68	< 0.1	< 0.01	22.5	0.10	0.235	0.01	0.13	< 0.01	15.8	0.03	< 0.005	< 0.01
705818	< 2	64	58	0.60	< 0.01	< 0.001	1.21	0.014	0.49	< 0.005	7.67	< 0.1	< 0.01	22.8	0.10	0.227	0.01	0.11	< 0.01	16.7	0.04	< 0.005	< 0.01
705819	< 2	8	< 5	0.61	< 0.01	< 0.001	1.50	0.015	0.54	< 0.005	6.63	< 0.1	< 0.01	23.1	0.10	0.219	0.01	0.13	< 0.01	16.9	0.04	< 0.005	0.01
705820	< 2	23	14	0.57	< 0.01	< 0.001	2.22	0.015	0.54	0.008	7.41	< 0.1	< 0.01	22.6	0.11	0.232	< 0.01	0.14	< 0.01	16.0	0.03	< 0.005	< 0.01
705821	< 2	< 5	< 5	0.62	< 0.01	< 0.001	1.92	0.013	0.53	< 0.005	6.69	< 0.1	< 0.01	22.8	0.10	0.198	< 0.01	0.12	< 0.01	16.3	0.03	< 0.005	< 0.01
705822	< 2	17	12	0.63	< 0.01	< 0.001	0.66	0.014	0.57	< 0.005	6.42	< 0.1	< 0.01	23.2	0.10	0.219	< 0.01	0.12	< 0.01	17.0	0.03	< 0.005	< 0.01
705823	< 2	7	14	0.62	< 0.01	< 0.001	0.81	0.013	0.56	< 0.005	6.96	< 0.1	< 0.01	23.1	0.11	0.213	< 0.01	0.11	< 0.01	16.4	0.03	< 0.005	< 0.01
705824	< 2	7	9	0.72	< 0.01	< 0.001	0.89	0.015	0.68	< 0.005	6.35	< 0.1	< 0.01	23.1	0.10	0.225	< 0.01	0.12	< 0.01	16.4	0.04	< 0.005	< 0.01
705825	< 2	9	10	0.72	< 0.01	< 0.001	0.71	0.014	0.66	< 0.005	8.00	< 0.1	< 0.01	24.0	0.12	0.224	< 0.01	0.10	< 0.01	17.1	0.04	< 0.005	< 0.01
705826	< 2	22	18	0.71	< 0.01	< 0.001	0.28	0.013	0.63	< 0.005	7.15	< 0.1	< 0.01	23.7	0.11	0.240	< 0.01	0.11	< 0.01	16.9	0.04	< 0.005	< 0.01
705827	< 2	125	33	0.64	< 0.01	< 0.001	0.55	0.019	0.52	0.005	7.32	< 0.1	< 0.01	23.3	0.10	0.390	< 0.01	0.22	< 0.01	17.0	0.04	< 0.005	< 0.01
705828	< 2	15	11	0.65	< 0.01	< 0.001	0.27	0.013	0.60	< 0.005	7.59	< 0.1	< 0.01	23.7	0.11	0.220	< 0.01	0.10	< 0.01	16.6	0.04	< 0.005	< 0.01
705829	< 2	34	41	0.74	< 0.01	< 0.001	0.46	0.015	0.66	< 0.005	6.80	< 0.1	< 0.01	24.0	0.10	0.277	< 0.01	0.19	< 0.01	16.8	0.04	< 0.005	< 0.01
705830	< 2	102	68	0.71	< 0.01	< 0.001	0.36	0.016	0.68	< 0.005	7.33	< 0.1	< 0.01	23.5	0.11	0.297	< 0.01	0.19	< 0.01	17.0	0.04	< 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
PTM-1a Meas					0.22			2.05		24.4						47.9		23.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.23			1.99		24.3						47.7		23.8					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.68														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.121	13.8					3.25		7.29		14.8			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.19	0.127	13.9					3.38		7.38		15.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.159	0.08	0.400	31.2					10.2		24.1		5.79			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.160	0.07	0.380	30.9					10.3		24.5		5.59			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.139	12.0							19.7	0.02				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.29		2.54			3.04	8.19			0.02			2.06	13.7		17.1		0.110	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					0.51		2.51			3.12	8.20			0.09			2.13	13.6		17.1		0.069	16.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
OREAS 13b (fusion) Meas				8.61			5.43		1.08		8.67	2.3		3.07	0.13			1.21		23.1	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
OREAS 13b (fusion) Meas				8.86			5.37		0.98		8.71	2.4		3.15	0.13			1.25		24.1	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.006	
NCS DC86304 Cert													1.06									0.004	
PK2 Meas	4620	5500	4690																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4680	5480	4580																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4700	5740	4810																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4970	6010	5240																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4980	5870	4960																				
PK2 Cert	4785	5918	4749																				

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
PK2 Meas	5020	6050	5090																				
PK2 Cert	4785	5918	4749																				
CPB-2 Meas				0.07						0.119	6.80			0.08			61.1						5.90
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.013		0.430							0.19	33.9		0.29			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.03			0.011		0.408							0.17	32.9		0.30			54.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.70	< 0.01	< 0.001	2.15	0.004	0.01	0.374	3.89	2.2		0.52	0.06		1.46	4.56	0.01	28.3	0.18	< 0.005	5.32
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
OREAS 621 (Peroxide Fusion) Meas				6.63	< 0.01	< 0.001	2.04	0.005	0.02	0.378	3.86	2.2		0.53	0.06		1.40	4.36	0.01	27.3	0.18	< 0.005	5.33
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.10			0.031		21.8	30.1			0.73	0.01		0.68	36.1	0.01				2.90
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
CCU-1e Meas				0.14	0.11			0.031		21.6	30.7			0.70	< 0.01		0.70	35.6	0.01				2.97
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-28 Meas	166	1700	1470																				
CDN-PGMS-28 Cert	193.000	1750	1510																				
CDN-PGMS-28 Meas	227	1820	1620																				
CDN-PGMS-28 Cert	193.000	1750	1510																				
CDN-PGMS-28 Meas	165	1600	1450																				
CDN-PGMS-28 Cert	193.000	1750	1510																				
CDN-PGMS-28 Meas	200	1910	1560																				
CDN-PGMS-28 Cert	193.000	1750	1510																				
CDN-PGMS-28 Meas	223	1750	1590																				
CDN-PGMS-28 Cert	193.000	1750	1510																				
CDN-PGMS-28 Meas	223	1720	1510																				
CDN-PGMS-28 Cert	193.000	1750	1510																				
705853 Orig				1.25	< 0.01	< 0.001	0.74	0.014	0.51	< 0.005	7.36	0.1	< 0.01	22.4	0.11	0.207	0.01	0.03	< 0.01	16.8	0.07	< 0.005	< 0.01
705853 Dup				1.26	< 0.01	< 0.001	0.64	0.014	0.52	< 0.005	7.42	0.1	< 0.01	22.5	0.11	0.209	< 0.01	0.04	< 0.01	17.5	0.07	< 0.005	< 0.01
705860 Orig	< 2	< 5	< 5																				
705860 Dup	< 2	< 5	< 5																				
705861 Orig				0.91	< 0.01	< 0.001	0.78	0.014	0.53	< 0.005	7.83	< 0.1	< 0.01	22.3	0.12	0.218	< 0.01	0.06	< 0.01	17.2	0.05	< 0.005	< 0.01
705861 Dup				0.91	< 0.01	< 0.001	0.75	0.014	0.54	< 0.005	7.86	< 0.1	< 0.01	22.5	0.12	0.211	0.01	0.03	< 0.01	17.5	0.05	< 0.005	< 0.01
705870 Orig	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
705870 Dup	< 2	< 5	< 5																				
705880 Orig	8	32	13																				
705880 Dup	7	27	7																				
705890 Orig	< 2	< 5	< 5																				
705890 Dup	< 2	< 5	< 5																				
705900 Split PREP DUP	< 2	11	< 5																				
705900 Orig	< 2	10	< 5																				
705900 Dup	< 2	12	< 5																				
705900 Orig	< 2	11	< 5																				
705901 Orig				1.22	< 0.01	< 0.001	1.03	0.013	0.48	< 0.005	7.19	< 0.1	< 0.01	22.1	0.12	0.194	< 0.01	0.04	< 0.01	17.5	0.07	< 0.005	< 0.01
705901 Dup				1.25	< 0.01	< 0.001	1.05	0.014	0.50	< 0.005	7.48	< 0.1	< 0.01	22.7	0.12	0.208	< 0.01	0.04	< 0.01	18.0	0.07	< 0.005	< 0.01
705910 Orig	38	11	18																				
705910 Dup	40	10	42																				
705914 Orig				1.14	< 0.01	< 0.001	0.46	0.014	0.51	< 0.005	7.25	< 0.1	< 0.01	22.3	0.10	0.215	< 0.01	0.07	< 0.01	16.7	0.05	< 0.005	< 0.01
705914 Dup				1.16	< 0.01	< 0.001	0.54	0.014	0.52	< 0.005	7.34	< 0.1	< 0.01	23.3	0.11	0.216	< 0.01	0.08	< 0.01	17.3	0.05	< 0.005	< 0.01
705917 Orig				0.82	< 0.01	< 0.001	0.36	0.016	0.55	< 0.005	6.88	< 0.1	< 0.01	22.9	0.10	0.226	< 0.01	0.09	< 0.01	17.8	0.05	< 0.005	0.01
705917 Dup				0.82	< 0.01	< 0.001	0.36	0.016	0.55	< 0.005	6.87	< 0.1	< 0.01	23.3	0.10	0.220	< 0.01	0.07	< 0.01	18.1	0.05	< 0.005	< 0.01
705930 Orig	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.52	0.016	0.56	< 0.005	7.83	< 0.1	< 0.01	22.7	0.10	0.231	< 0.01	0.08	< 0.01	17.8	0.05	< 0.005	0.01
705930 Dup	< 2	< 5	< 5	0.86	< 0.01	< 0.001	0.52	0.018	0.58	< 0.005	7.94	< 0.1	< 0.01	22.7	0.11	0.222	< 0.01	0.07	< 0.01	18.3	0.05	< 0.005	< 0.01
705940 Orig	< 2	< 5	< 5																				
705940 Dup	< 2	< 5	< 5																				
705942 Orig				1.06	< 0.01	< 0.001	1.63	0.014	0.46	< 0.005	6.58	< 0.1	< 0.01	19.9	0.11	0.190	< 0.01	0.02	< 0.01	15.7	0.04	< 0.005	< 0.01
705942 Dup				1.04	< 0.01	< 0.001	1.63	0.014	0.46	< 0.005	6.54	< 0.1	< 0.01	20.0	0.11	0.187	< 0.01	0.03	< 0.01	15.8	0.04	< 0.005	< 0.01
705950 Split PREP DUP	< 2	< 5	< 5																				
705950 Orig	< 2	< 5	< 5																				
705950 Dup	< 2	< 5	< 5																				
705950 Orig	< 2	< 5	< 5																				
705956 Orig				0.95	< 0.01	< 0.001	0.67	0.012	0.46	< 0.005	6.60	< 0.1	< 0.01	20.4	0.13	0.188	0.02	0.04	< 0.01	14.9	0.05	< 0.005	< 0.01
705956 Dup				0.96	< 0.01	< 0.001	0.71	0.012	0.48	< 0.005	6.67	< 0.1	< 0.01	20.5	0.13	0.189	< 0.01	0.04	< 0.01	15.4	0.05	< 0.005	< 0.01
705960 Orig	< 2	< 5	< 5																				
705960 Dup	< 2	< 5	< 5																				
705970 Orig	< 2	11	< 5																				
705970 Dup	< 2	10	8																				
705980 Orig	< 2	5	< 5																				
705980 Dup	< 2	< 5	< 5																				
705987 Orig				0.98	< 0.01	< 0.001	2.15	0.013	0.46	< 0.005	6.88	< 0.1	< 0.01	21.0	0.10	0.195	< 0.01	0.05	< 0.01	16.6	0.06	< 0.005	< 0.01
705987 Dup				0.97	< 0.01	< 0.001	2.09	0.014	0.46	< 0.005	6.83	< 0.1	< 0.01	21.1	0.10	0.193	< 0.01	0.05	< 0.01	16.1	0.06	< 0.005	< 0.01
705988 Orig				0.98	< 0.01	< 0.001	3.61	0.012	0.46	< 0.005	5.88	< 0.1	< 0.01	20.1	0.08	0.188	< 0.01	0.05	< 0.01	16.2	0.05	< 0.005	< 0.01
705988 Dup				1.02	< 0.01	< 0.001	3.69	0.013	0.47	< 0.005	6.02	< 0.1	< 0.01	21.0	0.08	0.191	< 0.01	0.04	< 0.01	16.8	0.05	< 0.005	< 0.01
706000 Split PREP DUP	< 2	6	< 5																				
706000 Orig	< 2	6	6																				
706000 Dup	< 2	8	8																				
706000 Orig	< 2	7	7																				
705810 Orig	5	6	8																				
705810 Dup	8	6	6																				
705820 Orig	< 2	22	10																				
705820 Dup	< 2	24	18																				
705829 Orig				0.74	< 0.01	< 0.001	0.47	0.015	0.64	< 0.005	6.76	< 0.1	< 0.01	23.8	0.10	0.273	< 0.01	0.18	< 0.01	16.6	0.04	< 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
705829 Dup				0.73	< 0.01	< 0.001	0.45	0.015	0.68	< 0.005	6.83	< 0.1	< 0.01	24.3	0.10	0.280	< 0.01	0.19	< 0.01	17.0	0.04	< 0.005	< 0.01
705830 Orig	< 2	96	59																				
705830 Dup	< 2	108	77																				
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	< 0.005	< 0.01	< 0.01	< 0.01	0.03	< 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	< 0.005	< 0.01	< 0.01	< 0.01	0.05	< 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
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Method Blank				< 0.01	< 0.01	< 0.001	0.03	< 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.: **A20-02304-rpt is ok..after paid change to approved**
Report Date: **19-Mar-20**
Date Submitted: **26-Feb-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-16 11:26:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-11 13:48:38

REPORT **A20-02304-rpt is ok..after paid change to approved**

Notes:

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	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
A0976417	6	< 5	9	5.30	< 0.01	< 0.001	8.18	0.007	0.25	0.009	5.28	0.3	< 0.01	10.7	0.12	0.038	< 0.01	0.02	< 0.01	23.1	0.14	< 0.005	< 0.01
A0976418	8	< 5	11	4.06	< 0.01	< 0.001	6.91	0.007	0.26	0.005	5.91	0.2	< 0.01	12.1	0.13	0.037	< 0.01	0.01	< 0.01	21.9	0.14	< 0.005	< 0.01
A0976419	10	23	43	2.57	< 0.01	< 0.001	7.49	0.009	0.28	0.010	6.95	0.1	< 0.01	12.8	0.11	0.049	< 0.01	0.70	< 0.01	22.5	0.15	< 0.005	< 0.01
A0976420	19	79	136	2.67	< 0.01	< 0.001	9.67	0.007	0.39	0.014	5.56	0.2	< 0.01	10.9	0.13	0.054	< 0.01	0.02	< 0.01	22.6	0.18	< 0.005	0.01
A0976421	15	118	207	2.69	< 0.01	< 0.001	9.11	0.006	0.42	0.011	5.49	0.2	< 0.01	11.2	0.13	0.059	< 0.01	0.01	< 0.01	22.5	0.19	< 0.005	< 0.01
A0976422	13	120	220	2.63	< 0.01	< 0.001	9.89	0.006	0.42	0.014	5.48	0.2	< 0.01	10.8	0.13	0.049	< 0.01	0.04	< 0.01	23.6	0.19	< 0.005	< 0.01
A0976423	21	183	279	2.91	< 0.01	< 0.001	9.83	0.006	0.43	< 0.005	5.42	0.2	< 0.01	11.1	0.13	0.031	< 0.01	< 0.01	< 0.01	22.5	0.18	< 0.005	< 0.01
A0976424	3	177	274	2.73	< 0.01	< 0.001	9.63	0.006	0.41	< 0.005	5.27	0.2	< 0.01	11.3	0.13	0.032	< 0.01	< 0.01	< 0.01	23.6	0.18	< 0.005	< 0.01
A0976425	< 2	38	65	2.91	< 0.01	< 0.001	8.38	0.006	0.39	< 0.005	5.77	0.2	< 0.01	11.7	0.15	0.029	< 0.01	< 0.01	< 0.01	23.3	0.17	< 0.005	< 0.01
A0976426	< 2	< 5	< 5	2.65	< 0.01	< 0.001	5.95	0.007	0.30	< 0.005	5.91	0.1	< 0.01	13.8	0.13	0.038	< 0.01	< 0.01	< 0.01	23.0	0.13	< 0.005	< 0.01
A0976427	< 2	< 5	< 5	3.11	< 0.01	< 0.001	11.5	< 0.002	< 0.01	< 0.005	1.36	1.2	< 0.01	3.02	0.05	< 0.005	< 0.01	0.02	< 0.01	22.3	0.14	< 0.005	< 0.01
A0976428	< 2	< 5	< 5	2.72	< 0.01	< 0.001	3.58	0.010	0.33	< 0.005	7.63	0.2	< 0.01	16.6	0.15	0.065	< 0.01	0.04	< 0.01	21.3	0.11	< 0.005	0.01
A0976429	< 2	< 5	< 5	2.26	< 0.01	< 0.001	1.21	0.013	0.27	< 0.005	9.22	0.1	< 0.01	18.6	0.15	0.094	< 0.01	0.04	< 0.01	18.6	0.08	< 0.005	< 0.01
A0976430	< 2	< 5	9	2.52	< 0.01	< 0.001	1.90	0.013	0.26	< 0.005	9.06	0.1	< 0.01	18.6	0.15	0.095	< 0.01	0.05	< 0.01	19.0	0.06	< 0.005	< 0.01
A0976431	< 2	< 5	< 5	2.31	< 0.01	< 0.001	2.26	0.015	0.21	< 0.005	8.96	0.1	< 0.01	17.5	0.16	0.140	< 0.01	0.05	< 0.01	19.2	0.07	< 0.005	< 0.01
A0976432	< 2	< 5	< 5	2.35	< 0.01	< 0.001	2.01	0.014	0.20	< 0.005	9.30	0.1	< 0.01	18.6	0.17	0.097	< 0.01	0.02	< 0.01	19.7	0.07	< 0.005	< 0.01
A0976433	< 2	< 5	6	2.03	< 0.01	< 0.001	1.90	0.014	0.26	< 0.005	10.00	0.2	< 0.01	18.9	0.16	0.104	< 0.01	0.03	< 0.01	18.8	0.07	< 0.005	< 0.01
A0976434	< 2	< 5	< 5	1.99	< 0.01	< 0.001	2.34	0.014	0.24	< 0.005	9.96	0.1	< 0.01	18.5	0.16	0.103	< 0.01	0.03	< 0.01	19.1	0.07	< 0.005	< 0.01
A0976435	2	6	9	2.04	< 0.01	< 0.001	2.46	0.012	0.24	0.005	9.29	0.2	< 0.01	18.5	0.17	0.096	< 0.01	0.02	< 0.01	20.0	0.06	< 0.005	< 0.01
A0976436	< 2	< 5	< 5	2.19	< 0.01	< 0.001	2.07	0.013	0.28	< 0.005	9.92	0.1	< 0.01	18.6	0.16	0.110	< 0.01	0.03	< 0.01	19.0	0.05	< 0.005	< 0.01
A0976437	< 2	< 5	< 5	2.04	< 0.01	< 0.001	1.93	0.014	0.26	< 0.005	9.95	0.1	< 0.01	18.0	0.16	0.110	< 0.01	0.03	< 0.01	19.0	0.06	< 0.005	0.01
A0976438	9	< 5	< 5	0.35	< 0.01	< 0.001	0.44	0.010	0.11	< 0.005	3.93	0.1	< 0.01	26.2	0.06	0.287	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976439	< 2	6	7	2.16	< 0.01	< 0.001	1.97	0.015	0.25	< 0.005	10.1	0.1	< 0.01	19.2	0.16	0.111	< 0.01	0.03	< 0.01	18.6	0.05	< 0.005	< 0.01
A0976440	< 2	14	< 5	2.07	< 0.01	< 0.001	2.16	0.014	0.28	< 0.005	9.66	0.1	< 0.01	18.7	0.18	0.106	< 0.01	0.03	< 0.01	18.4	0.07	< 0.005	< 0.01
A0976441	< 2	8	12	2.16	< 0.01	< 0.001	1.92	0.014	0.29	< 0.005	10.2	0.1	< 0.01	18.8	0.16	0.110	< 0.01	0.03	< 0.01	18.8	0.06	< 0.005	< 0.01
A0976442	< 2	8	< 5	2.19	< 0.01	< 0.001	1.97	0.015	0.27	< 0.005	10.5	0.1	< 0.01	18.2	0.16	0.114	< 0.01	0.05	0.01	18.3	0.07	< 0.005	< 0.01
A0976443	< 2	10	< 5	1.90	< 0.01	< 0.001	2.24	0.015	0.27	< 0.005	10.5	0.1	< 0.01	18.4	0.17	0.113	< 0.01	0.04	< 0.01	19.0	0.07	< 0.005	< 0.01
A0976444	< 2	6	7	1.61	< 0.01	< 0.001	2.05	0.014	0.31	0.008	11.5	0.2	< 0.01	18.7	0.18	0.122	< 0.01	0.03	< 0.01	18.8	0.06	< 0.005	< 0.01
A0976445	< 2	6	7	1.70	< 0.01	< 0.001	2.72	0.013	0.27	< 0.005	10.6	0.2	< 0.01	16.8	0.18	0.112	< 0.01	0.03	< 0.01	18.4	0.07	< 0.005	< 0.01
A0976446	< 2	7	< 5	1.76	< 0.01	< 0.001	2.91	0.013	0.30	0.006	11.0	0.2	< 0.01	18.4	0.19	0.121	< 0.01	0.05	< 0.01	19.5	0.07	< 0.005	0.01
A0976447	< 2	9	< 5	1.74	< 0.01	< 0.001	1.84	0.014	0.30	< 0.005	11.8	0.1	< 0.01	18.4	0.18	0.127	< 0.01	0.04	< 0.01	18.1	0.09	< 0.005	< 0.01
A0976448	< 2	7	7	1.72	< 0.01	< 0.001	1.84	0.014	0.33	< 0.005	11.7	0.1	< 0.01	18.7	0.18	0.125	< 0.01	0.04	< 0.01	19.2	0.06	< 0.005	< 0.01
A0976449	< 2	9	6	1.67	< 0.01	< 0.001	1.79	0.013	0.32	< 0.005	11.6	0.1	< 0.01	18.5	0.17	0.126	< 0.01	0.04	< 0.01	17.8	0.06	< 0.005	< 0.01
A0976450	< 2	14	9	1.53	< 0.01	< 0.001	2.19	0.014	0.41	0.006	12.0	0.2	< 0.01	18.7	0.18	0.129	< 0.01	0.04	< 0.01	19.3	0.08	< 0.005	< 0.01
A0976451	< 2	12	< 5	1.34	< 0.01	< 0.001	1.90	0.014	0.37	0.006	11.5	< 0.1	< 0.01	19.2	0.19	0.123	< 0.01	0.05	< 0.01	17.7	0.09	< 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
PTM-1a Meas					0.21			1.99		23.9						46.7		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.122	14.2					3.38		7.47		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.162	0.08	0.419	32.5					10.5		25.9		6.26			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.137	11.9							20.8	0.01				16.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.22		2.47			3.03	8.16			0.03			2.05	13.5		16.4		0.110	15.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.8				0.26					4.38	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.13			5.32		1.06		8.67	2.2		2.94	0.13			1.18		21.8	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.124	6.84			0.11			62.9						5.65
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.04			0.010		0.419							0.18	33.9		0.34			56.4
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.40	< 0.01	< 0.001	2.26	0.004	< 0.01	0.391	3.96	2.2		0.53	0.06		1.41	4.41	0.01	26.9	0.19	< 0.005	5.42
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.032		22.3	30.6			0.71	0.01		0.70	35.7	0.01				2.71
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	4740	1860	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1900	1670	233																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0976419 Orig				2.56	< 0.01	< 0.001	7.52	0.009	0.28	0.010	6.97	0.1	< 0.01	12.5	0.11	0.048	< 0.01	0.70	< 0.01	22.7	0.15	< 0.005	< 0.01
A0976419 Dup				2.59	< 0.01	< 0.001	7.46	0.009	0.28	0.010	6.93	0.1	< 0.01	13.1	0.11	0.050	< 0.01	0.69	< 0.01	22.3	0.15	< 0.005	< 0.01
A0976426 Orig	< 2	11	20																				
A0976426 Dup	< 2	< 5	< 5																				
A0976427 Orig				3.10	< 0.01	< 0.001	11.4	< 0.002	0.01	< 0.005	1.37	1.2	< 0.01	3.04	0.05	< 0.005	< 0.01	0.02	< 0.01	22.4	0.14	< 0.005	< 0.01
A0976427 Dup				3.12	< 0.01	< 0.001	11.5	< 0.002	< 0.01	< 0.005	1.35	1.2	< 0.01	3.00	0.05	< 0.005	< 0.01	0.01	< 0.01	22.2	0.15	< 0.005	< 0.01
A0976436 Orig	< 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
A0976436 Dup	< 2	< 5	< 5																				
A0976446 Orig	< 2	8	7																				
A0976446 Dup	< 2	7	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02421**
Report Date: **16-Mar-20**
Date Submitted: **27-Feb-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-13 13:00:17

REPORT **A20-02421**

Notes:

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.: **A20-02421**
Report Date: **16-Mar-20**
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CERTIFICATE OF ANALYSIS

35 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)	2020-03-12 08:26:29

REPORT **A20-02421**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976452	< 2	10	< 5	1.76	< 0.01	< 0.001	1.38	0.014	0.32	< 0.005	11.9	< 0.1	< 0.01	18.5	0.18	0.123	< 0.01	0.05	< 0.01	18.0	0.07	< 0.005	< 0.01
A0976453	16	8	< 5	1.37	< 0.01	< 0.001	3.95	0.013	0.31	0.006	11.2	< 0.1	< 0.01	17.4	0.19	0.118	< 0.01	0.04	< 0.01	17.3	0.08	< 0.005	0.01
A0976454	< 2	11	6	1.60	< 0.01	< 0.001	1.18	0.014	0.35	< 0.005	11.9	< 0.1	< 0.01	18.8	0.18	0.133	< 0.01	0.05	< 0.01	17.6	0.09	< 0.005	< 0.01
A0976455	< 2	10	< 5	1.78	< 0.01	< 0.001	0.91	0.015	0.42	< 0.005	11.6	< 0.1	< 0.01	18.9	0.17	0.137	< 0.01	0.06	< 0.01	17.9	0.06	< 0.005	< 0.01
A0976456	< 2	13	6	2.33	< 0.01	< 0.001	4.44	0.014	0.27	< 0.005	9.85	< 0.1	< 0.01	16.7	0.16	0.128	< 0.01	0.05	< 0.01	19.1	0.07	< 0.005	< 0.01
A0976457	< 2	13	10	2.83	< 0.01	< 0.001	4.31	0.013	0.36	0.006	9.22	< 0.1	< 0.01	16.4	0.17	0.122	< 0.01	0.06	< 0.01	18.8	0.05	< 0.005	< 0.01
A0976458	3	17	12	2.09	< 0.01	< 0.001	2.18	0.014	0.40	0.010	10.0	< 0.1	< 0.01	17.6	0.17	0.128	< 0.01	0.07	< 0.01	18.7	0.04	< 0.005	< 0.01
A0976459	< 2	16	9	2.00	< 0.01	< 0.001	1.03	0.015	0.43	0.011	10.5	< 0.1	< 0.01	18.5	0.17	0.136	< 0.01	0.11	< 0.01	18.5	0.04	< 0.005	< 0.01
A0976460	< 2	< 5	< 5	3.22	< 0.01	< 0.001	13.2	< 0.002	< 0.01	< 0.005	1.38	1.1	< 0.01	3.05	0.05	< 0.005	< 0.01	0.02	< 0.01	22.9	0.15	< 0.005	< 0.01
A0976461	< 2	21	14	1.99	< 0.01	< 0.001	3.53	0.012	0.29	0.015	9.18	< 0.1	< 0.01	16.1	0.15	0.102	< 0.01	0.07	< 0.01	21.0	0.05	< 0.005	< 0.01
A0976462	< 2	18	8	4.59	< 0.01	< 0.001	5.10	0.009	0.17	< 0.005	7.58	< 0.1	< 0.01	14.0	0.16	0.060	< 0.01	0.02	< 0.01	20.6	0.14	< 0.005	< 0.01
A0976463	< 2	< 5	< 5	7.89	< 0.01	< 0.001	10.1	0.005	0.11	< 0.005	5.27	< 0.1	< 0.01	9.95	0.16	0.033	< 0.01	< 0.01	< 0.01	20.3	0.06	< 0.005	< 0.01
A0976464	< 2	< 5	< 5	9.05	< 0.01	< 0.001	10.1	0.004	0.02	0.008	3.93	0.5	< 0.01	6.44	0.10	0.007	< 0.01	< 0.01	< 0.01	23.3	0.07	< 0.005	< 0.01
A0976465	< 2	< 5	< 5	8.04	< 0.01	< 0.001	9.87	0.005	0.03	0.008	4.56	0.6	< 0.01	7.52	0.11	0.009	< 0.01	< 0.01	< 0.01	22.4	0.07	< 0.005	< 0.01
A0976466	< 2	< 5	< 5	7.77	< 0.01	< 0.001	9.73	0.005	0.03	0.012	4.19	0.3	< 0.01	6.94	0.10	0.009	< 0.01	0.02	< 0.01	22.6	0.07	< 0.005	< 0.01
A0976467	< 2	< 5	< 5	7.01	< 0.01	< 0.001	9.59	0.005	0.03	0.013	4.82	0.2	< 0.01	8.53	0.12	0.011	< 0.01	0.02	< 0.01	22.9	0.08	< 0.005	< 0.01
A0976468	< 2	< 5	< 5	7.33	< 0.01	< 0.001	8.86	0.005	0.03	0.007	4.51	0.2	< 0.01	7.82	0.12	0.014	< 0.01	0.01	< 0.01	24.0	0.09	< 0.005	< 0.01
A0976469	< 2	< 5	< 5	6.58	< 0.01	< 0.001	10.0	0.005	0.04	0.014	4.92	0.1	< 0.01	8.66	0.11	0.011	< 0.01	0.10	< 0.01	23.6	0.08	< 0.005	< 0.01
A0976470	< 2	< 5	< 5	6.77	< 0.01	< 0.001	9.99	0.005	0.04	0.014	4.76	0.1	< 0.01	8.40	0.12	0.011	< 0.01	0.05	< 0.01	23.6	0.08	< 0.005	< 0.01
A0976471	12	< 5	< 5	0.34	< 0.01	< 0.001	0.22	0.009	0.10	< 0.005	3.93	< 0.1	< 0.01	25.7	0.06	0.282	< 0.01	0.07	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976472	< 2	< 5	< 5	7.44	< 0.01	< 0.001	10.2	0.005	0.03	0.014	4.34	0.1	< 0.01	7.69	0.12	0.010	< 0.01	0.03	< 0.01	23.4	0.08	< 0.005	< 0.01
A0976473	< 2	< 5	< 5	7.03	< 0.01	< 0.001	9.38	0.005	0.03	0.014	4.87	0.1	< 0.01	8.51	0.12	0.011	< 0.01	0.04	< 0.01	23.4	0.10	< 0.005	< 0.01
A0976474	< 2	< 5	< 5	6.47	< 0.01	< 0.001	10.4	0.006	0.04	0.018	4.88	< 0.1	< 0.01	8.83	0.12	0.012	< 0.01	0.09	< 0.01	24.0	0.08	< 0.005	< 0.01
A0976475	< 2	< 5	< 5	6.57	< 0.01	< 0.001	10.1	0.005	0.03	0.012	4.72	0.1	< 0.01	8.79	0.12	0.011	< 0.01	0.08	< 0.01	23.4	0.07	< 0.005	< 0.01
A0976476	< 2	< 5	< 5	7.80	< 0.01	< 0.001	10.7	0.004	0.03	0.014	4.07	< 0.1	< 0.01	7.63	0.11	0.011	< 0.01	0.05	< 0.01	23.7	0.07	< 0.005	< 0.01
A0976477	< 2	< 5	< 5	8.34	< 0.01	< 0.001	10.8	0.004	0.03	0.016	4.08	< 0.1	< 0.01	7.13	0.10	0.011	< 0.01	0.05	< 0.01	23.3	0.07	< 0.005	< 0.01
A0976478	< 2	< 5	< 5	8.35	< 0.01	< 0.001	10.4	0.004	0.03	0.013	4.14	0.1	< 0.01	7.28	0.10	0.010	< 0.01	0.03	< 0.01	23.2	0.07	< 0.005	< 0.01
A0976479	< 2	< 5	< 5	7.27	< 0.01	< 0.001	10.3	0.005	0.04	0.019	4.69	< 0.1	< 0.01	7.99	0.11	0.012	< 0.01	0.06	< 0.01	22.9	0.08	< 0.005	< 0.01
A0976480	< 2	< 5	< 5	7.62	< 0.01	< 0.001	10.9	0.004	0.03	0.010	4.19	0.1	< 0.01	7.00	0.10	0.010	< 0.01	0.03	< 0.01	22.2	0.08	< 0.005	< 0.01
A0976481	< 2	< 5	< 5	8.86	< 0.01	< 0.001	10.9	0.004	0.03	0.014	3.98	< 0.1	< 0.01	6.39	0.09	0.011	< 0.01	0.03	< 0.01	23.2	0.08	< 0.005	< 0.01
A0976482	< 2	< 5	< 5	8.59	< 0.01	< 0.001	11.3	0.004	0.04	0.013	3.99	< 0.1	< 0.01	6.35	0.09	0.010	< 0.01	0.04	< 0.01	22.8	0.08	< 0.005	< 0.01
A0976483	< 2	< 5	< 5	8.47	< 0.01	< 0.001	11.3	0.004	0.04	0.014	4.05	< 0.1	< 0.01	6.45	0.10	0.010	< 0.01	0.05	< 0.01	22.6	0.08	< 0.005	< 0.01
A0976484	< 2	< 5	< 5	8.42	< 0.01	< 0.001	11.1	0.004	0.04	0.015	4.15	< 0.1	< 0.01	6.72	0.10	0.011	< 0.01	0.08	< 0.01	22.9	0.08	< 0.005	< 0.01
A0976485	< 2	< 5	< 5	8.87	< 0.01	< 0.001	11.1	0.004	0.04	0.015	4.02	< 0.1	< 0.01	6.41	0.10	0.010	< 0.01	0.07	< 0.01	23.3	0.08	< 0.005	< 0.01
A0976486	< 2	< 5	< 5	8.80	< 0.01	< 0.001	10.8	0.004	0.04	0.011	4.15	< 0.1	< 0.01	6.80	0.10	0.011	< 0.01	0.06	< 0.01	23.2	0.08	< 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
PTM-1a Meas					0.21			2.07		24.9						48.5		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.013	1.58	< 0.005				31.0	0.08	0.379	< 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			0.056	0.18	0.123	13.9					3.25		7.40		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.28		2.53			3.12	8.20			0.03			2.09	13.5		17.0		0.105	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.08	< 0.01	41.7	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											42.3				0.27					4.54	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.072																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.010		0.426							0.18	33.9		0.29			55.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.18	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.031		23.0	32.0			0.74	< 0.01		0.71	35.6	0.01				2.90
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	4280	1890	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2010	1640	229																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0976457 Orig				2.82	< 0.01	< 0.001	4.29	0.013	0.36	0.006	9.24	< 0.1	< 0.01	16.3	0.17	0.120	< 0.01	0.06	< 0.01	18.6	0.05	< 0.005	< 0.01
A0976457 Dup				2.84	< 0.01	< 0.001	4.32	0.013	0.36	0.005	9.19	< 0.1	< 0.01	16.5	0.17	0.123	< 0.01	0.06	< 0.01	18.9	0.05	< 0.005	< 0.01
A0976461 Orig	3	20	14																				
A0976461 Dup	< 2	22	14																				

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
A0976465 Orig				8.15	< 0.01	< 0.001	9.86	0.005	0.03	0.009	4.56	0.7	< 0.01	7.54	0.11	0.009	< 0.01	0.01	< 0.01	22.7	0.08	< 0.005	< 0.01
A0976465 Dup				7.92	< 0.01	< 0.001	9.87	0.005	0.03	0.008	4.56	0.6	< 0.01	7.50	0.11	0.009	< 0.01	< 0.01	< 0.01	22.0	0.07	< 0.005	< 0.01
A0976472 Orig	< 2	< 5	< 5																				
A0976472 Dup	< 2	< 5	< 5																				
A0976480 Orig				7.64	< 0.01	< 0.001	11.0	0.004	0.03	0.010	4.18	0.1	< 0.01	7.03	0.10	0.009	< 0.01	0.02	< 0.01	22.2	0.08	< 0.005	< 0.01
A0976480 Dup				7.60	< 0.01	< 0.001	10.8	0.004	0.03	0.010	4.19	0.1	< 0.01	6.97	0.10	0.010	< 0.01	0.03	< 0.01	22.2	0.08	< 0.005	< 0.01
A0976481 Orig	< 2	< 5	< 5																				
A0976481 Dup	< 2	< 5	< 5																				
A0976486 Orig				8.88	< 0.01	< 0.001	10.8	0.004	0.04	0.011	4.16	0.1	< 0.01	6.78	0.10	0.012	< 0.01	0.06	< 0.01	23.2	0.08	< 0.005	< 0.01
A0976486 Dup				8.72	< 0.01	< 0.001	10.8	0.004	0.04	0.011	4.14	< 0.1	< 0.01	6.82	0.10	0.010	< 0.01	0.06	< 0.01	23.1	0.08	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02423**
Report Date: **17-Mar-20**
Date Submitted: **27-Feb-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-03-12 08:26:29

REPORT **A20-02423**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-02423**
Report Date: **17-Mar-20**
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Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-10 09:42:30

REPORT **A20-02423**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976487	< 2	< 5	< 5	8.89	< 0.01	< 0.001	11.2	0.004	0.05	0.012	4.26	0.2	< 0.01	7.21	0.10	0.011	< 0.01	0.06	< 0.01	24.6	0.09	< 0.005	< 0.01
A0976488	< 2	< 5	< 5	9.07	< 0.01	< 0.001	10.2	0.005	0.05	0.015	4.04	0.1	< 0.01	6.88	0.09	0.013	< 0.01	0.04	< 0.01	22.8	0.07	< 0.005	< 0.01
A0976489	< 2	< 5	< 5	9.14	< 0.01	< 0.001	10.9	0.004	0.05	0.014	3.95	0.1	< 0.01	6.58	0.09	0.010	< 0.01	0.04	< 0.01	23.0	0.08	< 0.005	< 0.01
A0976490	< 2	< 5	< 5	8.78	< 0.01	< 0.001	10.3	0.004	0.05	0.016	3.87	0.2	< 0.01	6.71	0.09	0.011	< 0.01	0.03	< 0.01	23.4	0.08	< 0.005	< 0.01
A0976491	< 2	< 5	< 5	9.05	< 0.01	< 0.001	10.7	0.004	0.05	0.012	3.94	0.1	< 0.01	6.80	0.09	0.011	< 0.01	0.03	< 0.01	23.0	0.08	< 0.005	< 0.01
A0976492	< 2	< 5	< 5	8.95	< 0.01	< 0.001	9.70	0.004	0.05	0.013	4.22	0.1	< 0.01	7.09	0.10	0.012	< 0.01	0.04	< 0.01	22.9	0.07	< 0.005	< 0.01
A0976493	< 2	< 5	< 5	9.59	< 0.01	< 0.001	10.4	0.006	0.04	0.020	4.31	0.1	< 0.01	7.28	0.09	0.016	< 0.01	0.05	< 0.01	23.1	0.06	< 0.005	< 0.01
A0976494	< 2	< 5	< 5	8.94	< 0.01	< 0.001	10.4	0.004	0.05	0.012	4.09	0.1	< 0.01	7.01	0.09	0.011	< 0.01	0.04	< 0.01	23.2	0.08	< 0.005	< 0.01
A0976495	< 2	< 5	< 5	6.89	< 0.01	< 0.001	4.50	< 0.002	0.01	< 0.005	3.52	1.7	< 0.01	1.74	0.07	< 0.005	< 0.01	0.03	< 0.01	30.5	0.30	< 0.005	< 0.01
A0976496	< 2	< 5	< 5	8.50	< 0.01	< 0.001	11.1	0.004	0.05	0.008	4.01	0.1	< 0.01	7.10	0.09	0.012	< 0.01	0.06	< 0.01	22.6	0.07	< 0.005	< 0.01
A0976497	< 2	< 5	< 5	8.09	< 0.01	< 0.001	9.92	0.004	0.05	0.010	3.80	0.1	< 0.01	6.83	0.09	0.011	< 0.01	0.06	< 0.01	24.0	0.07	< 0.005	< 0.01
A0976498	< 2	< 5	< 5	8.57	< 0.01	< 0.001	9.56	0.004	0.06	0.009	3.98	0.2	< 0.01	7.18	0.09	0.011	< 0.01	0.04	< 0.01	22.7	0.08	< 0.005	< 0.01
A0976499	< 2	< 5	< 5	8.90	< 0.01	< 0.001	10.0	0.004	0.06	0.018	4.02	0.1	< 0.01	7.09	0.09	0.014	< 0.01	0.05	< 0.01	22.8	0.07	< 0.005	< 0.01
A0976500	< 2	< 5	< 5	9.17	< 0.01	< 0.001	10.5	0.004	0.06	0.019	3.88	0.2	< 0.01	6.81	0.09	0.013	< 0.01	0.04	< 0.01	23.0	0.07	< 0.005	< 0.01
A0976501	< 2	< 5	< 5	8.84	< 0.01	< 0.001	11.1	0.004	0.06	0.014	3.90	< 0.1	< 0.01	7.04	0.09	0.013	< 0.01	0.03	< 0.01	22.5	0.07	< 0.005	< 0.01
A0976502	< 2	< 5	< 5	9.07	< 0.01	< 0.001	10.8	0.004	0.06	0.016	3.94	0.1	< 0.01	7.10	0.09	0.012	< 0.01	0.03	< 0.01	22.5	0.07	< 0.005	< 0.01
A0976503	< 2	< 5	< 5	8.79	< 0.01	< 0.001	10.4	0.004	0.06	0.012	3.87	0.2	< 0.01	7.22	0.09	0.012	< 0.01	0.02	< 0.01	22.9	0.07	< 0.005	< 0.01
A0976504	< 2	< 5	< 5	8.77	< 0.01	< 0.001	10.5	0.004	0.07	0.010	3.56	0.2	< 0.01	6.88	0.08	0.010	< 0.01	0.02	< 0.01	23.6	0.08	< 0.005	< 0.01
A0976505	< 2	< 5	< 5	9.25	< 0.01	< 0.001	10.6	0.005	0.06	0.016	3.81	0.2	< 0.01	6.88	0.08	0.014	< 0.01	0.13	< 0.01	22.6	0.07	< 0.005	< 0.01
A0976506	11	< 5	< 5	0.33	< 0.01	< 0.001	0.22	0.010	0.10	< 0.005	4.05	< 0.1	< 0.01	25.9	0.06	0.292	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976507	< 2	< 5	< 5	9.09	< 0.01	< 0.001	10.3	0.004	0.07	0.014	3.70	0.3	< 0.01	6.96	0.09	0.012	< 0.01	0.04	< 0.01	23.3	0.08	< 0.005	< 0.01
A0976508	< 2	< 5	< 5	9.31	< 0.01	< 0.001	10.5	0.004	0.07	0.012	3.61	0.3	< 0.01	6.74	0.09	0.012	< 0.01	0.05	< 0.01	23.1	0.07	< 0.005	< 0.01
A0976509	6	< 5	< 5	9.31	< 0.01	< 0.001	10.6	0.004	0.07	0.015	3.84	0.3	< 0.01	6.96	0.09	0.014	< 0.01	0.12	< 0.01	22.9	0.07	< 0.005	< 0.01
A0976510	< 2	< 5	< 5	9.13	< 0.01	< 0.001	10.3	0.004	0.08	0.016	3.79	0.3	< 0.01	7.19	0.09	0.014	< 0.01	0.08	< 0.01	23.1	0.07	< 0.005	< 0.01
A0976511	< 2	< 5	< 5	9.16	< 0.01	< 0.001	10.7	0.004	0.09	0.013	3.61	0.3	< 0.01	6.77	0.08	0.013	< 0.01	0.04	< 0.01	22.8	0.07	< 0.005	< 0.01
A0976512	< 2	< 5	< 5	8.98	< 0.01	< 0.001	10.5	0.004	0.11	0.006	3.63	0.4	< 0.01	7.15	0.08	0.012	< 0.01	0.01	< 0.01	23.2	0.09	< 0.005	< 0.01
A0976513	< 2	< 5	6	8.80	< 0.01	< 0.001	11.0	0.004	0.11	0.008	3.70	0.2	< 0.01	7.28	0.09	0.013	< 0.01	0.03	< 0.01	22.8	0.08	< 0.005	< 0.01
A0976514	< 2	< 5	5	8.90	< 0.01	< 0.001	11.3	0.004	0.13	< 0.005	3.36	0.4	< 0.01	6.90	0.08	0.011	< 0.01	< 0.01	< 0.01	23.3	0.08	< 0.005	< 0.01
A0976515	4	< 5	< 5	3.90	< 0.01	< 0.001	10.2	0.007	0.27	0.027	5.22	0.1	< 0.01	11.7	0.10	0.028	< 0.01	0.05	< 0.01	24.3	0.14	< 0.005	< 0.01
A0976516	4	< 5	< 5	3.91	< 0.01	< 0.001	10.3	0.007	0.27	0.028	5.24	0.1	< 0.01	11.7	0.10	0.028	< 0.01	0.05	< 0.01	24.1	0.14	< 0.005	< 0.01
A0976517	6	< 5	9	3.84	< 0.01	< 0.001	11.2	0.006	0.32	0.024	4.35	0.5	< 0.01	10.7	0.11	0.023	< 0.01	0.03	< 0.01	25.0	0.12	< 0.005	< 0.01
A0976518	7	< 5	< 5	2.48	< 0.01	< 0.001	11.8	0.006	0.35	0.051	4.69	< 0.1	< 0.01	11.9	0.12	0.029	< 0.01	0.06	< 0.01	24.8	0.11	< 0.005	< 0.01
A0976519	9	< 5	6	2.18	< 0.01	< 0.001	12.2	0.006	0.39	0.029	4.54	< 0.1	< 0.01	11.9	0.13	0.025	< 0.01	0.03	< 0.01	24.8	0.11	< 0.005	< 0.01
A0976520	18	< 5	10	2.04	< 0.01	< 0.001	11.6	0.006	0.42	0.032	4.57	< 0.1	< 0.01	12.0	0.12	0.025	< 0.01	0.09	< 0.01	25.0	0.11	< 0.005	< 0.01
A0976521	22	< 5	9	2.13	< 0.01	< 0.001	10.7	0.006	0.41	0.035	4.85	< 0.1	< 0.01	12.5	0.12	0.030	< 0.01	0.20	< 0.01	25.0	0.13	< 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
PTM-1a Meas					0.21			2.08		24.5						48.5		22.4					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.07		24.9						48.5		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.013	1.65	< 0.005				31.0	0.08	0.384	< 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
DTS-2b Meas				0.22			0.05	0.013	1.58	< 0.005				31.0	0.08	0.379	< 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			0.057	0.18	0.122	14.0					3.27		7.34		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.123	13.9					3.25		7.40		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.28		2.62			3.16	8.32			0.03			2.13	13.3		16.9		0.108	17.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.28		2.53			3.12	8.20			0.03			2.09	13.5		17.0		0.105	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.10	< 0.01	39.8	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.08	< 0.01	41.7	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.7				0.27					4.47	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.3				0.27					4.54	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	

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
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.77									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.78									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.072																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.03			0.010		0.420							0.18	33.8		0.30			58.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.03			0.010		0.426							0.18	33.9		0.29			55.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.18	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.031		23.0	32.3			0.73	0.01		0.73	35.1	0.01				3.12
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
CCU-1e Meas				0.14	0.11			0.031		23.0	32.0			0.74	< 0.01		0.71	35.6	0.01				2.90
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	1850	1600	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0976496 Orig	< 2	< 5	< 5																				
A0976496 Dup	< 2	< 5	< 5																				
A0976502 Orig				9.04	< 0.01	< 0.001	10.7	0.004	0.06	0.016	3.91	0.1	< 0.01	7.06	0.09	0.012	< 0.01	0.03	< 0.01	22.4	0.07	< 0.005	< 0.01
A0976502 Dup				9.11	< 0.01	< 0.001	10.8	0.004	0.06	0.016	3.97	0.1	< 0.01	7.13	0.09	0.013	< 0.01	0.03	< 0.01	22.6	0.07	< 0.005	< 0.01
A0976506 Orig				0.33	< 0.01	< 0.001	0.21	0.010	0.10	< 0.005	4.06	< 0.1	< 0.01	25.9	0.06	0.291	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976506 Dup				0.33	< 0.01	< 0.001	0.22	0.010	0.10	< 0.005	4.05	< 0.1	< 0.01	25.9	0.06	0.292	< 0.01	0.06	< 0.01	16.6	0.02	< 0.005	< 0.01
A0976507 Orig	< 2	< 5	< 5																				
A0976507 Dup	< 2	< 5	< 5																				
A0976508 Orig				9.32	< 0.01	< 0.001	10.5	0.003	0.07	0.012	3.60	0.2	< 0.01	6.74	0.09	0.012	< 0.01	0.05	< 0.01	23.1	0.07	< 0.005	< 0.01
A0976508 Dup				9.30	< 0.01	< 0.001	10.6	0.004	0.07	0.013	3.61	0.3	< 0.01	6.75	0.09	0.013	< 0.01	0.05	< 0.01	23.1	0.07	< 0.005	< 0.01
A0976516 Orig	4	< 5	< 5																				
A0976516 Dup	3	< 5	< 5																				
A0976521 Orig				2.13	< 0.01	< 0.001	10.8	0.006	0.41	0.035	4.86	< 0.1	< 0.01	12.5	0.12	0.034	< 0.01	0.21	< 0.01	25.3	0.13	< 0.005	< 0.01
A0976521 Dup				2.12	< 0.01	< 0.001	10.7	0.006	0.41	0.034	4.84	< 0.1	< 0.01	12.5	0.12	0.026	< 0.01	0.20	< 0.01	24.6	0.13	< 0.005	< 0.01
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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02487-rpt is ok..after paid change to approved**
Report Date: **19-Mar-20**
Date Submitted: **28-Feb-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-16 11:26:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-12 09:04:08

REPORT **A20-02487-rpt is ok..after paid change to approved**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976522	15	< 5	< 5	2.19	< 0.01	< 0.001	8.39	0.006	0.41	0.035	5.15	0.1	< 0.01	12.4	0.13	0.034	< 0.01	0.06	< 0.01	24.0	0.12	< 0.005	< 0.01
A0976523	55	6	42	2.27	< 0.01	< 0.001	7.86	0.007	0.45	0.041	5.31	0.2	< 0.01	12.7	0.13	0.032	< 0.01	0.07	< 0.01	23.3	0.10	< 0.005	< 0.01
A0976524	114	5	91	2.08	< 0.01	< 0.001	5.32	0.008	0.55	0.037	5.90	0.1	< 0.01	14.7	0.12	0.035	< 0.01	0.38	< 0.01	22.7	0.09	< 0.005	< 0.01
A0976525	104	68	191	2.13	< 0.01	< 0.001	6.62	0.007	0.44	0.026	5.40	0.2	< 0.01	14.2	0.12	0.029	< 0.01	0.28	< 0.01	22.7	0.07	< 0.005	< 0.01
A0976526	83	446	613	2.26	< 0.01	< 0.001	7.82	0.006	0.43	0.013	4.90	0.1	< 0.01	13.7	0.13	0.020	< 0.01	0.26	< 0.01	21.8	0.08	< 0.005	0.01
A0976527	< 2	< 5	< 5	6.20	< 0.01	< 0.001	5.25	0.003	0.03	< 0.005	3.52	1.6	< 0.01	2.68	0.06	0.011	< 0.01	0.03	< 0.01	25.1	0.27	< 0.005	< 0.01
A0976528	35	1370	1400	1.86	< 0.01	< 0.001	9.96	0.008	0.37	0.024	4.98	0.1	< 0.01	13.9	0.17	0.017	< 0.01	0.10	< 0.01	21.2	0.08	< 0.005	0.03
A0976529	8	524	607	1.52	< 0.01	< 0.001	3.14	0.013	0.39	0.012	7.05	0.1	< 0.01	19.8	0.11	0.047	< 0.01	< 0.01	< 0.01	18.6	0.05	< 0.005	< 0.01
A0976530	< 2	11	23	1.30	< 0.01	< 0.001	2.43	0.015	0.49	< 0.005	6.91	0.1	< 0.01	20.8	0.12	0.050	< 0.01	0.06	< 0.01	19.2	0.05	< 0.005	< 0.01
A0976531	< 2	26	37	1.43	< 0.01	< 0.001	1.52	0.014	0.41	< 0.005	6.98	0.1	< 0.01	21.6	0.11	0.053	< 0.01	< 0.01	< 0.01	18.4	0.05	< 0.005	< 0.01
A0976532	5	83	115	1.41	< 0.01	< 0.001	1.27	0.014	0.47	< 0.005	8.65	0.1	< 0.01	21.2	0.12	0.054	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0976533	2	86	111	1.55	< 0.01	< 0.001	1.72	0.015	0.38	0.008	7.18	0.1	< 0.01	21.2	0.12	0.065	< 0.01	0.08	< 0.01	18.1	0.04	< 0.005	0.12
A0976534	< 2	48	50	1.57	< 0.01	< 0.001	1.33	0.014	0.35	0.007	8.06	0.1	< 0.01	20.6	0.12	0.068	< 0.01	0.12	< 0.01	17.5	0.04	< 0.005	0.01
A0976535	< 2	27	21	1.48	< 0.01	< 0.001	1.65	0.015	0.39	0.008	7.82	0.1	< 0.01	20.9	0.12	0.074	< 0.01	0.05	< 0.01	18.0	0.04	< 0.005	< 0.01
A0976536	< 2	13	14	1.48	< 0.01	< 0.001	1.76	0.015	0.49	0.007	7.28	0.1	< 0.01	21.1	0.12	0.084	< 0.01	< 0.01	< 0.01	18.0	0.05	< 0.005	< 0.01
A0976537	< 2	16	8	1.47	< 0.01	< 0.001	1.56	0.016	0.51	0.008	8.11	0.1	< 0.01	21.1	0.13	0.078	< 0.01	< 0.01	< 0.01	17.4	0.05	< 0.005	< 0.01
A0976538	< 2	9	11	1.41	< 0.01	< 0.001	2.19	0.015	0.40	0.011	7.61	0.1	< 0.01	20.3	0.12	0.088	< 0.01	< 0.01	< 0.01	18.0	0.05	< 0.005	< 0.01
A0976539	< 2	11	10	1.35	< 0.01	< 0.001	1.58	0.015	0.33	0.016	8.55	< 0.1	< 0.01	20.9	0.12	0.097	< 0.01	0.04	< 0.01	17.0	0.05	< 0.005	< 0.01
A0976540	< 2	41	31	1.27	< 0.01	< 0.001	1.39	0.014	0.34	< 0.005	8.94	< 0.1	< 0.01	20.9	0.13	0.061	< 0.01	< 0.01	< 0.01	17.3	0.05	< 0.005	< 0.01
A0976541	< 2	22	16	1.46	< 0.01	< 0.001	1.58	0.014	0.46	0.006	8.37	< 0.1	< 0.01	21.1	0.12	0.081	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
A0976542	< 2	13	10	1.44	< 0.01	< 0.001	1.46	0.014	0.42	< 0.005	7.98	< 0.1	< 0.01	21.5	0.12	0.081	< 0.01	< 0.01	< 0.01	17.5	0.05	< 0.005	< 0.01
A0976543	< 2	9	5	1.21	< 0.01	< 0.001	1.75	0.014	0.38	< 0.005	7.50	0.1	< 0.01	21.2	0.12	0.087	< 0.01	0.05	< 0.01	17.5	0.05	< 0.005	< 0.01
A0976544	< 2	< 5	7	1.17	< 0.01	< 0.001	1.12	0.015	0.48	0.048	7.81	< 0.1	< 0.01	21.3	0.12	0.105	< 0.01	0.11	< 0.01	16.7	0.07	< 0.005	0.01
A0976545	< 2	< 5	< 5	1.22	< 0.01	< 0.001	1.96	0.015	0.49	< 0.005	8.33	0.1	< 0.01	20.8	0.11	0.101	< 0.01	0.02	< 0.01	17.0	0.06	< 0.005	< 0.01
A0976546	11	< 5	5	0.33	< 0.01	< 0.001	0.42	0.009	0.10	< 0.005	3.94	0.1	< 0.01	25.2	0.06	0.291	< 0.01	0.06	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976547	< 2	< 5	8	1.24	< 0.01	< 0.001	1.93	0.015	0.30	< 0.005	8.99	0.1	< 0.01	20.3	0.10	0.113	< 0.01	0.02	< 0.01	17.5	0.04	< 0.005	< 0.01
A0976548	< 2	< 5	< 5	1.43	< 0.01	< 0.001	1.09	0.016	0.34	< 0.005	6.99	0.1	< 0.01	21.3	0.11	0.107	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0976549	< 2	< 5	< 5	1.47	< 0.01	< 0.001	1.47	0.014	0.39	< 0.005	6.66	0.1	< 0.01	20.9	0.10	0.113	< 0.01	0.01	< 0.01	17.5	0.04	< 0.005	< 0.01
A0976550	2	< 5	7	1.50	< 0.01	< 0.001	1.46	0.015	0.53	< 0.005	7.92	0.1	< 0.01	20.9	0.11	0.110	< 0.01	0.04	< 0.01	17.6	0.04	< 0.005	< 0.01
A0976551	< 2	< 5	8	1.39	< 0.01	< 0.001	1.64	0.014	0.41	< 0.005	7.21	0.1	< 0.01	21.3	0.11	0.117	< 0.01	0.02	< 0.01	17.4	0.04	< 0.005	< 0.01
A0976552	< 2	< 5	< 5	1.39	< 0.01	< 0.001	1.82	0.014	0.55	< 0.005	6.99	< 0.1	< 0.01	21.0	0.11	0.117	< 0.01	0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
A0976553	< 2	< 5	< 5	1.46	< 0.01	< 0.001	1.47	0.014	0.51	< 0.005	6.77	< 0.1	< 0.01	21.3	0.11	0.115	0.03	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
A0976554	< 2	< 5	< 5	1.53	< 0.01	< 0.001	1.60	0.014	0.58	< 0.005	7.28	< 0.1	< 0.01	21.3	0.11	0.112	< 0.01	< 0.01	< 0.01	17.2	0.04	< 0.005	< 0.01
A0976555	< 2	< 5	< 5	1.48	< 0.01	< 0.001	2.09	0.015	0.48	< 0.005	8.97	0.1	< 0.01	19.9	0.11	0.111	< 0.01	0.01	< 0.01	17.4	0.08	< 0.005	< 0.01
A0976556	< 2	< 5	< 5	1.68	< 0.01	< 0.001	1.36	0.014	0.36	< 0.005	7.16	0.1	< 0.01	21.8	0.10	0.116	< 0.01	< 0.01	< 0.01	17.6	0.05	< 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
PTM-1a Meas					0.21			1.99		24.4						47.4		23.0					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.118	13.8					3.25		7.36		14.8			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.167	0.08	0.419	33.2					10.8		25.4		6.02			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.139	12.2							20.7	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.49			3.21	8.27			0.07			2.11	13.9		17.4		0.098	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.7				0.27					4.24	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.74			5.35		1.08		8.72	2.4		2.93	0.13			1.19		23.1	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.125	6.74			0.11			62.7						5.64
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.012		0.420							0.18	33.2		0.32			55.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CCU-1e Meas				0.14	0.11			0.031		22.1	31.3			0.73	< 0.01		0.71	35.3	0.01				2.95
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	4600	2030	1370																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1900	1490	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1820	1590	233																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0976524 Orig				2.09	< 0.01	< 0.001	5.40	0.008	0.55	0.039	5.98	0.1	< 0.01	14.8	0.12	0.042	< 0.01	0.37	< 0.01	22.9	0.09	< 0.005	< 0.01
A0976524 Dup				2.07	< 0.01	< 0.001	5.23	0.008	0.54	0.035	5.82	0.1	< 0.01	14.5	0.12	0.028	< 0.01	0.39	< 0.01	22.5	0.08	< 0.005	< 0.01
A0976531 Orig	< 2	29	37																				
A0976531 Dup	< 2	24	37																				
A0976532 Orig				1.40	< 0.01	< 0.001	1.25	0.014	0.47	< 0.005	8.68	0.1	< 0.01	21.3	0.12	0.054	< 0.01	< 0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
A0976532 Dup				1.42	< 0.01	< 0.001	1.28	0.015	0.47	< 0.005	8.62	0.1	< 0.01	21.2	0.12	0.054	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0976541 Orig	< 2	24	13																				
A0976541 Dup	2	19	19																				

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
A0976551 Orig	< 2	< 5	9																				
A0976551 Dup	3	< 5	7																				
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.: **A20-02540**
Report Date: **23-Mar-20**
Date Submitted: **29-Feb-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-16 11:26:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-19 16:09:40

REPORT **A20-02540**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976557	< 2	< 5	< 5	1.27	< 0.01	< 0.001	2.16	0.015	0.54	< 0.005	7.71	< 0.1	< 0.01	20.9	0.11	0.112	< 0.01	0.03	< 0.01	18.2	0.05	< 0.005	< 0.01
A0976558	< 2	< 5	< 5	1.79	< 0.01	< 0.001	2.84	0.015	0.43	< 0.005	7.45	< 0.1	< 0.01	20.3	0.11	0.108	< 0.01	0.02	< 0.01	17.8	0.06	< 0.005	< 0.01
A0976559	< 2	< 5	8	1.25	< 0.01	< 0.001	2.18	0.015	0.43	< 0.005	7.63	< 0.1	< 0.01	21.0	0.11	0.114	< 0.01	0.01	< 0.01	17.8	0.07	< 0.005	< 0.01
A0976560	< 2	< 5	6	1.40	< 0.01	< 0.001	3.08	0.014	0.33	< 0.005	7.08	< 0.1	< 0.01	20.6	0.11	0.112	< 0.01	0.02	< 0.01	18.6	0.05	< 0.005	< 0.01
A0976561	< 2	< 5	< 5	1.02	< 0.01	< 0.001	0.85	0.015	0.53	< 0.005	8.24	< 0.1	< 0.01	21.8	0.11	0.136	< 0.01	0.03	< 0.01	17.3	0.05	< 0.005	< 0.01
A0976562	< 2	< 5	< 5	1.30	< 0.01	< 0.001	0.82	0.014	0.48	< 0.005	7.10	< 0.1	< 0.01	22.2	0.11	0.129	< 0.01	0.02	< 0.01	17.7	0.05	< 0.005	< 0.01
A0976563	3	< 5	13	1.14	< 0.01	< 0.001	0.52	0.016	0.37	< 0.005	7.49	< 0.1	< 0.01	22.5	0.11	0.133	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
A0976564	2	< 5	7	1.20	< 0.01	< 0.001	0.71	0.015	0.53	< 0.005	7.46	< 0.1	< 0.01	22.0	0.12	0.135	< 0.01	0.03	< 0.01	17.4	0.05	< 0.005	< 0.01
A0976565	< 2	< 5	< 5	1.48	< 0.01	< 0.001	0.94	0.015	0.63	< 0.005	7.48	< 0.1	< 0.01	21.7	0.11	0.109	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
A0976566	< 2	< 5	< 5	1.49	< 0.01	< 0.001	1.00	0.015	0.64	< 0.005	7.22	< 0.1	< 0.01	21.8	0.11	0.112	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
A0976567	3	< 5	< 5	2.04	< 0.01	< 0.001	5.03	0.013	0.45	< 0.005	6.60	< 0.1	< 0.01	18.7	0.12	0.091	< 0.01	0.01	< 0.01	19.2	0.05	< 0.005	< 0.01
A0976568	< 2	< 5	< 5	1.98	< 0.01	< 0.001	3.98	0.015	0.44	< 0.005	6.94	< 0.1	< 0.01	19.4	0.11	0.097	< 0.01	0.01	< 0.01	18.7	0.05	< 0.005	< 0.01
A0976569	3	< 5	< 5	1.87	< 0.01	< 0.001	4.89	0.014	0.49	< 0.005	7.04	< 0.1	< 0.01	18.3	0.15	0.090	< 0.01	0.02	< 0.01	19.1	0.07	< 0.005	< 0.01
A0976570	2	< 5	< 5	1.38	< 0.01	< 0.001	2.46	0.014	0.59	< 0.005	7.18	< 0.1	< 0.01	20.5	0.11	0.117	< 0.01	0.02	< 0.01	18.2	0.04	< 0.005	< 0.01
A0976571	< 2	< 5	7	1.21	< 0.01	< 0.001	0.15	0.014	0.40	< 0.005	7.67	< 0.1	< 0.01	22.2	0.10	0.138	< 0.01	0.02	< 0.01	17.5	0.03	< 0.005	< 0.01
A0976572	3	40	34	1.13	< 0.01	< 0.001	0.06	0.014	0.50	< 0.005	7.52	< 0.1	< 0.01	22.8	0.10	0.140	< 0.01	0.02	< 0.01	17.4	0.03	< 0.005	< 0.01
A0976573	< 2	66	22	0.95	< 0.01	< 0.001	0.07	0.015	0.46	< 0.005	7.81	< 0.1	< 0.01	22.7	0.10	0.141	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005	< 0.01
A0976574	3	51	38	1.13	< 0.01	< 0.001	0.31	0.015	0.48	< 0.005	7.74	< 0.1	< 0.01	22.1	0.12	0.145	< 0.01	0.03	< 0.01	17.1	0.06	< 0.005	< 0.01
A0976575	< 2	6	13	1.08	< 0.01	< 0.001	0.90	0.015	0.39	< 0.005	7.71	< 0.1	< 0.01	22.0	0.12	0.140	< 0.01	0.02	< 0.01	17.8	0.06	< 0.005	< 0.01
A0976576	3	18	10	1.40	< 0.01	< 0.001	2.75	0.013	0.55	< 0.005	7.20	< 0.1	< 0.01	20.5	0.12	0.129	< 0.01	0.01	< 0.01	18.3	0.06	< 0.005	< 0.01
A0976577	12	< 5	< 5	0.34	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	3.92	< 0.1	< 0.01	25.3	0.06	0.289	< 0.01	0.06	< 0.01	16.4	0.02	< 0.005	< 0.01
A0976578	< 2	20	14	1.28	< 0.01	< 0.001	2.03	0.014	0.68	< 0.005	7.38	< 0.1	< 0.01	21.0	0.12	0.139	< 0.01	0.03	< 0.01	18.0	0.05	< 0.005	< 0.01
A0976579	3	17	16	1.12	< 0.01	< 0.001	0.56	0.015	0.56	< 0.005	8.03	< 0.1	< 0.01	21.8	0.12	0.152	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
A0976580	< 2	< 5	13	0.95	< 0.01	< 0.001	0.16	0.015	0.54	< 0.005	7.95	< 0.1	< 0.01	22.6	0.12	0.157	< 0.01	0.03	< 0.01	17.1	0.04	< 0.005	< 0.01
A0976581	< 2	< 5	13	0.75	< 0.01	< 0.001	0.10	0.014	0.59	< 0.005	7.45	< 0.1	< 0.01	22.9	0.12	0.164	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0976582	< 2	9	16	0.75	< 0.01	< 0.001	0.07	0.014	0.58	< 0.005	7.34	< 0.1	< 0.01	22.7	0.12	0.167	< 0.01	0.03	< 0.01	17.2	0.04	< 0.005	< 0.01
A0976583	4	28	32	0.76	< 0.01	< 0.001	0.05	0.014	0.57	< 0.005	7.24	< 0.1	< 0.01	22.4	0.12	0.167	< 0.01	0.03	< 0.01	17.2	0.04	< 0.005	< 0.01
A0976584	3	19	23	0.92	< 0.01	< 0.001	0.13	0.015	0.56	< 0.005	8.30	< 0.1	< 0.01	22.2	0.12	0.171	< 0.01	0.04	< 0.01	17.1	0.05	< 0.005	< 0.01
A0976585	< 2	< 5	< 5	7.15	< 0.01	< 0.001	5.20	0.002	0.01	< 0.005	3.33	1.8	< 0.01	2.07	0.06	0.007	< 0.01	0.06	< 0.01	29.2	0.27	< 0.005	< 0.01
A0976586	2	11	13	1.16	< 0.01	< 0.001	0.43	0.015	0.39	< 0.005	7.83	< 0.1	< 0.01	22.1	0.11	0.140	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0976587	< 2	10	14	1.00	< 0.01	< 0.001	0.80	0.016	0.62	< 0.005	7.63	< 0.1	< 0.01	22.0	0.12	0.133	< 0.01	0.03	< 0.01	17.9	0.05	< 0.005	< 0.01
A0976588	5	40	19	0.84	< 0.01	< 0.001	0.32	0.015	0.51	< 0.005	7.65	< 0.1	< 0.01	22.4	0.12	0.148	< 0.01	0.03	< 0.01	17.6	0.03	< 0.005	< 0.01
A0976589	< 2	24	< 5	1.00	< 0.01	< 0.001	0.10	0.015	0.50	< 0.005	7.55	< 0.1	< 0.01	22.2	0.11	0.140	< 0.01	0.02	< 0.01	17.2	0.03	< 0.005	< 0.01
A0976590	2	33	10	1.01	< 0.01	< 0.001	0.12	0.014	0.53	< 0.005	7.04	< 0.1	< 0.01	22.7	0.11	0.146	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0976591	3	20	15	0.92	< 0.01	< 0.001	0.20	0.014	0.30	< 0.005	7.05	< 0.1	< 0.01	22.5	0.10	0.143	< 0.01	0.04	< 0.01	17.6	0.04	< 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
PTM-1a Meas					0.22			2.03		23.7						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.06		25.0						47.9		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.22			2.02		24.2						47.6		22.3					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.55				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.65														3.59				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.014	1.55	< 0.005				30.5	0.08	0.377	< 0.01		< 0.01	18.9			< 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
DTS-2b Meas				0.22			0.06	0.014	1.60	< 0.005				30.6	0.08	0.382	< 0.01		< 0.01	18.5			< 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			0.056	0.18	0.122	13.5					3.25		7.38		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.119	13.5					3.23		7.40		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.24		2.63			3.09	7.93			0.03			2.08	13.4		16.5		0.111	15.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.32		2.73			3.15	8.05			0.04			2.12	13.5		16.9		0.109	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.09	< 0.01	36.6	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.09	< 0.01	36.4	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.3				0.28					4.51	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											45.3				0.28					4.72	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.007	
NCS DC86314													1.81										

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
Cert																							
NCS DC86314 Meas													1.80									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.099																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.07						0.128	6.93			0.07			64.0						5.87
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.126	6.83			0.07			64.4						5.70
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.122	6.91			0.07			64.9						5.77
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.010		0.420							0.18	33.3		0.29			55.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.405							0.18	34.3		0.30			54.5
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.408							0.18	34.5		0.29			55.9
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.13	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.64			0.52	0.003	< 0.01	0.226	5.66	2.6	< 0.01	1.55	0.09	< 0.005	< 0.01	0.37		30.9	0.44		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
OREAS 922 (Peroxide Fusion) Meas				7.67			0.53	0.003	< 0.01	0.226	5.64	2.6	< 0.01	1.54	0.09	< 0.005	< 0.01	0.37		31.2	0.43		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.14	0.11			0.031		22.6	31.8			0.73	0.01		0.71	34.9	< 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
CCU-1e Meas				0.14	0.10			0.031		22.4	30.9			0.75	< 0.01		0.71	35.3	0.01				2.85
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
CCU-1e Meas				0.14	0.10			0.031		22.4	31.3			0.73	< 0.01		0.71	35.9	0.01				2.86
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	4600	2030	1370																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1900	1490	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
CDN-PGMS-30 Meas	1820	1590	233																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0976561 Orig	< 2	< 5	< 5																				
A0976561 Dup	< 2	< 5	8																				
A0976566 Orig				1.49	< 0.01	< 0.001	1.01	0.015	0.63	< 0.005	7.20	< 0.1	< 0.01	22.0	0.11	0.111	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
A0976566 Dup				1.50	< 0.01	< 0.001	0.98	0.015	0.64	< 0.005	7.24	< 0.1	< 0.01	21.7	0.11	0.113	< 0.01	0.02	< 0.01	17.6	0.05	< 0.005	< 0.01
A0976571 Orig	< 2	< 5	7																				
A0976571 Dup	< 2	< 5	7																				
A0976576 Orig				1.40	< 0.01	< 0.001	2.79	0.013	0.54	< 0.005	7.25	< 0.1	< 0.01	20.5	0.12	0.131	< 0.01	0.01	< 0.01	18.3	0.05	< 0.005	< 0.01
A0976576 Dup				1.39	< 0.01	< 0.001	2.71	0.014	0.55	< 0.005	7.15	< 0.1	< 0.01	20.5	0.12	0.126	< 0.01	0.01	< 0.01	18.2	0.06	< 0.005	< 0.01
A0976581 Orig	< 2	< 5	11																				
A0976581 Dup	< 2	6	15																				
A0976586 Orig				1.17	< 0.01	< 0.001	0.44	0.015	0.39	< 0.005	7.82	< 0.1	< 0.01	22.2	0.11	0.137	< 0.01	0.03	< 0.01	17.5	0.05	< 0.005	< 0.01
A0976586 Dup				1.15	< 0.01	< 0.001	0.41	0.015	0.38	< 0.005	7.84	< 0.1	< 0.01	22.0	0.11	0.143	< 0.01	0.04	< 0.01	17.3	0.05	< 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				< 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	0.02	< 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	0.007	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.02	< 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	0.02	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02626**
Report Date: **23-Mar-20**
Date Submitted: **03-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-16 11:26:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-19 16:09:40

REPORT **A20-02626**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976592	4	28	10	1.04	< 0.01	< 0.001	0.79	0.014	0.61	< 0.005	7.30	< 0.1	< 0.01	22.3	0.12	0.141	< 0.01	0.04	< 0.01	17.9	0.04	< 0.005	< 0.01
A0976593	< 2	27	< 5	0.96	< 0.01	< 0.001	0.14	0.014	0.58	< 0.005	7.57	< 0.1	< 0.01	22.7	0.11	0.157	< 0.01	0.02	< 0.01	17.7	0.04	< 0.005	< 0.01
A0976594	< 2	6	< 5	0.94	< 0.01	< 0.001	0.12	0.014	0.59	< 0.005	7.74	< 0.1	< 0.01	22.5	0.11	0.155	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005	< 0.01
A0976595	2	< 5	< 5	1.03	< 0.01	< 0.001	0.18	0.014	0.58	< 0.005	7.49	< 0.1	< 0.01	22.6	0.11	0.159	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005	< 0.01
A0976596	< 2	< 5	< 5	1.09	< 0.01	< 0.001	0.13	0.015	0.56	< 0.005	7.67	< 0.1	< 0.01	22.5	0.11	0.156	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005	< 0.01
A0976597	< 2	< 5	< 5	0.93	< 0.01	< 0.001	0.22	0.014	0.58	< 0.005	7.43	< 0.1	< 0.01	22.6	0.11	0.160	< 0.01	0.05	< 0.01	17.3	0.04	< 0.005	< 0.01
A0976598	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.16	0.014	0.59	< 0.005	7.48	< 0.1	< 0.01	22.6	0.12	0.161	< 0.01	0.04	< 0.01	17.3	0.05	< 0.005	< 0.01
A0976599	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.10	0.014	0.57	< 0.005	7.01	< 0.1	< 0.01	22.7	0.11	0.176	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0976600	< 2	< 5	10	0.83	< 0.01	< 0.001	0.13	0.014	0.58	< 0.005	7.72	< 0.1	< 0.01	22.8	0.12	0.173	< 0.01	0.04	< 0.01	16.8	0.05	< 0.005	< 0.01
A0976601	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.18	0.013	0.53	< 0.005	7.22	< 0.1	< 0.01	23.1	0.11	0.169	< 0.01	0.02	< 0.01	17.2	0.03	< 0.005	< 0.01
A0976602	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.15	0.013	0.53	< 0.005	7.00	< 0.1	< 0.01	22.8	0.11	0.177	< 0.01	0.03	< 0.01	17.4	0.03	< 0.005	< 0.01
A0976603	< 2	< 5	< 5	0.88	< 0.01	< 0.001	0.21	0.014	0.62	< 0.005	7.20	< 0.1	< 0.01	22.9	0.11	0.174	< 0.01	0.02	< 0.01	17.4	0.04	< 0.005	< 0.01
A0976604	11	< 5	< 5	0.34	< 0.01	< 0.001	0.31	0.009	0.10	< 0.005	3.91	< 0.1	< 0.01	24.9	0.06	0.287	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0976605	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.31	0.013	0.59	< 0.005	7.22	< 0.1	< 0.01	22.7	0.11	0.168	< 0.01	0.04	< 0.01	17.5	0.04	< 0.005	< 0.01
A0976606	< 2	< 5	< 5	0.96	< 0.01	< 0.001	0.14	0.013	0.59	< 0.005	7.47	< 0.1	< 0.01	22.8	0.11	0.175	< 0.01	0.04	< 0.01	17.1	0.04	< 0.005	< 0.01
A0976607	< 2	< 5	7	0.97	< 0.01	< 0.001	0.13	0.014	0.60	< 0.005	7.59	< 0.1	< 0.01	22.7	0.11	0.180	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0976608	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.21	0.013	0.56	< 0.005	6.59	< 0.1	< 0.01	23.3	0.10	0.177	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0976609	< 2	6	< 5	0.96	< 0.01	< 0.001	0.13	0.013	0.59	< 0.005	7.01	< 0.1	< 0.01	22.9	0.10	0.171	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0976610	< 2	< 5	5	7.45	< 0.01	< 0.001	4.75	0.002	0.01	< 0.005	3.81	1.7	< 0.01	1.99	0.07	0.007	< 0.01	0.03	< 0.01	29.0	0.29	< 0.005	< 0.01
A0976611	< 2	9	12	0.77	< 0.01	< 0.001	0.32	0.014	0.56	< 0.005	6.96	< 0.1	< 0.01	23.0	0.11	0.188	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0976612	3	6	8	0.78	< 0.01	< 0.001	0.15	0.014	0.57	< 0.005	7.04	< 0.1	< 0.01	23.4	0.11	0.171	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
A0976613	3	9	11	0.84	< 0.01	< 0.001	0.29	0.013	0.72	< 0.005	6.97	< 0.1	< 0.01	22.8	0.11	0.188	< 0.01	0.05	< 0.01	16.8	0.04	< 0.005	< 0.01
A0976614	17	< 5	12	0.70	< 0.01	< 0.001	0.33	0.013	0.52	< 0.005	6.88	< 0.1	< 0.01	23.2	0.11	0.181	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
A0976615	5	10	13	0.87	< 0.01	< 0.001	0.22	0.013	0.58	< 0.005	6.88	< 0.1	< 0.01	23.2	0.10	0.182	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0976616	11	14	17	0.86	< 0.01	< 0.001	0.12	0.015	0.63	< 0.005	8.80	< 0.1	< 0.01	22.4	0.10	0.183	< 0.01	0.05	< 0.01	16.5	0.04	< 0.005	< 0.01
A0976617	3	< 5	12	0.74	< 0.01	< 0.001	0.48	0.014	0.51	< 0.005	7.06	< 0.1	< 0.01	22.9	0.10	0.182	< 0.01	0.04	< 0.01	17.4	0.03	< 0.005	< 0.01
A0976618	11	6	16	0.92	< 0.01	< 0.001	0.30	0.013	0.65	< 0.005	6.92	< 0.1	< 0.01	23.0	0.10	0.188	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005	< 0.01
A0976619	13	7	22	0.88	< 0.01	< 0.001	0.30	0.013	0.64	< 0.005	6.97	< 0.1	< 0.01	23.3	0.10	0.190	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0976620	16	20	15	0.85	< 0.01	< 0.001	0.18	0.014	0.60	< 0.005	7.36	< 0.1	< 0.01	22.7	0.10	0.183	< 0.01	0.05	< 0.01	16.7	0.04	< 0.005	< 0.01
A0976621	3	34	< 5	0.80	< 0.01	< 0.001	0.06	0.014	0.57	< 0.005	8.03	< 0.1	< 0.01	22.9	0.10	0.190	< 0.01	0.05	< 0.01	16.3	0.04	< 0.005	< 0.01
A0976622	< 2	17	< 5	0.86	< 0.01	< 0.001	0.20	0.013	0.57	< 0.005	7.13	< 0.1	< 0.01	22.9	0.09	0.173	< 0.01	0.04	< 0.01	16.7	0.04	< 0.005	< 0.01
A0976623	< 2	6	< 5	0.85	< 0.01	< 0.001	0.11	0.016	0.57	< 0.005	9.23	< 0.1	< 0.01	21.9	0.09	0.185	< 0.01	0.05	< 0.01	16.8	0.04	< 0.005	< 0.01
A0976624	93	8	6	0.84	< 0.01	< 0.001	0.08	0.016	0.59	< 0.005	9.20	< 0.1	< 0.01	22.3	0.09	0.189	< 0.01	0.05	< 0.01	16.6	0.04	< 0.005	< 0.01
A0976625	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.19	0.012	1.01	< 0.005	7.00	< 0.1	< 0.01	22.5	0.09	0.199	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005	< 0.01
A0976626	< 2	6	< 5	0.74	< 0.01	< 0.001	0.18	0.013	0.84	< 0.005	7.03	< 0.1	< 0.01	23.0	0.10	0.215	< 0.01	0.05	< 0.01	16.7	0.03	< 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
PTM-1a Meas					0.22			2.03		23.7						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.06		25.0						47.9		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.22			2.02		24.2						47.6		22.3					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.55				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.65														3.59				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.014	1.55	< 0.005				30.5	0.08	0.377	< 0.01		< 0.01	18.9			< 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
DTS-2b Meas				0.22			0.06	0.014	1.60	< 0.005				30.6	0.08	0.382	< 0.01		< 0.01	18.5			< 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			0.056	0.18	0.122	13.5					3.25		7.38		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.119	13.5					3.23		7.40		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.24		2.63			3.09	7.93			0.03			2.08	13.4		16.5		0.111	15.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.32		2.73			3.15	8.05			0.04			2.12	13.5		16.9		0.109	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.09	< 0.01	36.6	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.09	< 0.01	36.4	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.3				0.28					4.51	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											45.3				0.28					4.72	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.007	
NCS DC86314													1.81										

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
Cert																							
NCS DC86314 Meas													1.80									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.099																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.07						0.128	6.93			0.07			64.0						5.87
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.126	6.83			0.07			64.4						5.70
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.122	6.91			0.07			64.9						5.77
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.010		0.420							0.18	33.3		0.29			55.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.405							0.18	34.3		0.30			54.5
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.408							0.18	34.5		0.29			55.9
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.13	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.64			0.52	0.003	< 0.01	0.226	5.66	2.6	< 0.01	1.55	0.09	< 0.005	< 0.01	0.37		30.9	0.44		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
OREAS 922 (Peroxide Fusion) Meas				7.67			0.53	0.003	< 0.01	0.226	5.64	2.6	< 0.01	1.54	0.09	< 0.005	< 0.01	0.37		31.2	0.43		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.14	0.11			0.031		22.6	31.8			0.73	0.01		0.71	34.9	< 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
CCU-1e Meas				0.14	0.10			0.031		22.4	30.9			0.75	< 0.01		0.71	35.3	0.01				2.85
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
CCU-1e Meas				0.14	0.10			0.031		22.4	31.3			0.73	< 0.01		0.71	35.9	0.01				2.86
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	4400	1870	1190																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1900	1540	211																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
A0976596 Orig				1.09	< 0.01	< 0.001	0.11	0.015	0.55	< 0.005	7.65	< 0.1	< 0.01	22.4	0.11	0.159	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005	0.01
A0976596 Dup				1.09	< 0.01	< 0.001	0.14	0.015	0.56	< 0.005	7.69	< 0.1	< 0.01	22.5	0.11	0.153	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0976601 Orig	< 2	< 5	< 5																				
A0976601 Dup	< 2	< 5	< 5																				
A0976606 Orig				0.96	< 0.01	< 0.001	0.14	0.013	0.58	< 0.005	7.40	< 0.1	< 0.01	22.7	0.11	0.173	< 0.01	0.03	< 0.01	17.1	0.04	< 0.005	< 0.01
A0976606 Dup				0.96	< 0.01	< 0.001	0.14	0.013	0.60	< 0.005	7.54	< 0.1	< 0.01	22.9	0.11	0.176	< 0.01	0.04	< 0.01	17.1	0.04	< 0.005	< 0.01
A0976611 Orig	< 2	9	12																				
A0976611 Dup	< 2	9	12																				
A0976616 Orig				0.86	< 0.01	< 0.001	0.15	0.015	0.63	< 0.005	8.77	< 0.1	< 0.01	22.3	0.10	0.180	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0976616 Dup				0.85	< 0.01	< 0.001	0.09	0.015	0.63	< 0.005	8.83	< 0.1	< 0.01	22.4	0.10	0.187	< 0.01	0.05	< 0.01	16.5	0.04	< 0.005	< 0.01
A0976621 Orig	4	32	< 5																				
A0976621 Dup	3	35	10																				
A0976626 Orig				0.74	< 0.01	< 0.001	0.17	0.013	0.85	< 0.005	7.01	< 0.1	< 0.01	23.0	0.10	0.216	< 0.01	0.05	< 0.01	16.8	0.03	< 0.005	< 0.01
A0976626 Dup				0.73	< 0.01	< 0.001	0.19	0.013	0.83	< 0.005	7.04	< 0.1	< 0.01	22.9	0.10	0.215	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
Method Blank	3	< 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	0.02	< 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	0.007	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.02	< 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	0.02	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02627**
Report Date: **23-Mar-20**
Date Submitted: **03-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-23 10:49:34
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-19 16:09:40

REPORT **A20-02627**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976627	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.23	0.013	0.66	< 0.005	6.93	< 0.1	< 0.01	23.1	0.10	0.194	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005	< 0.01
A0976628	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.13	0.014	0.71	< 0.005	6.44	< 0.1	< 0.01	23.7	0.10	0.201	< 0.01	0.05	< 0.01	16.9	0.03	< 0.005	< 0.01
A0976629	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.18	0.012	0.56	< 0.005	6.07	< 0.1	< 0.01	24.2	0.11	0.204	< 0.01	0.04	< 0.01	16.3	0.03	< 0.005	< 0.01
A0976630	< 2	9	< 5	0.58	< 0.01	< 0.001	0.34	0.013	0.53	< 0.005	6.18	< 0.1	< 0.01	24.0	0.11	0.201	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0976631	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.28	0.012	0.53	< 0.005	6.63	< 0.1	< 0.01	23.6	0.10	0.227	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
A0976632	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.32	0.012	0.54	< 0.005	5.30	< 0.1	< 0.01	24.4	0.12	0.195	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	0.01
A0976633	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.16	0.012	0.52	< 0.005	5.19	< 0.1	< 0.01	24.5	0.11	0.204	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0976634	< 2	8	< 5	0.53	< 0.01	< 0.001	0.18	0.013	0.50	< 0.005	6.66	< 0.1	< 0.01	23.2	0.11	0.190	< 0.01	0.02	< 0.01	15.8	0.03	< 0.005	< 0.01
A0976635	< 2	8	< 5	0.48	< 0.01	< 0.001	0.19	0.012	0.52	< 0.005	6.33	< 0.1	< 0.01	24.2	0.11	0.206	< 0.01	0.04	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976636	< 2	< 5	< 5	7.22	< 0.01	< 0.001	3.71	0.002	0.02	< 0.005	3.28	2.0	< 0.01	1.59	0.07	0.011	< 0.01	0.03	< 0.01	30.2	0.29	< 0.005	< 0.01
A0976637	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.19	0.012	0.55	< 0.005	6.11	< 0.1	< 0.01	24.2	0.11	0.193	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976638	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.10	0.012	0.55	< 0.005	6.20	< 0.1	< 0.01	24.2	0.10	0.190	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0976639	< 2	< 5	5	0.51	< 0.01	< 0.001	0.09	0.012	0.53	< 0.005	6.00	< 0.1	< 0.01	24.4	0.10	0.194	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976640	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.04	0.012	0.50	< 0.005	6.34	< 0.1	< 0.01	24.4	0.11	0.193	< 0.01	0.04	< 0.01	16.3	0.03	< 0.005	< 0.01
A0976641	< 2	7	6	0.52	< 0.01	< 0.001	0.02	0.013	0.51	< 0.005	6.54	< 0.1	< 0.01	24.3	0.10	0.202	< 0.01	0.04	< 0.01	16.3	0.03	< 0.005	< 0.01
A0976642	< 2	7	8	0.45	< 0.01	< 0.001	0.05	0.012	0.55	< 0.005	6.04	< 0.1	< 0.01	24.5	0.10	0.203	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0976643	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.06	0.012	0.52	< 0.005	5.74	< 0.1	< 0.01	24.8	0.10	0.196	< 0.01	0.04	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976644	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.11	0.014	0.53	< 0.005	5.97	< 0.1	< 0.01	24.2	0.10	0.206	< 0.01	0.06	< 0.01	17.0	0.03	< 0.005	< 0.01
A0976645	< 2	< 5	< 5	0.53	< 0.01	< 0.001	< 0.01	0.014	0.51	< 0.005	5.62	< 0.1	< 0.01	24.7	0.10	0.224	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976646	< 2	< 5	< 5	0.62	< 0.01	< 0.001	< 0.01	0.013	0.55	< 0.005	5.10	< 0.1	< 0.01	24.7	0.09	0.236	< 0.01	0.06	< 0.01	16.8	0.03	< 0.005	< 0.01
A0976647	< 2	< 5	< 5	0.62	< 0.01	< 0.001	< 0.01	0.014	0.54	< 0.005	5.10	< 0.1	< 0.01	24.7	0.09	0.236	< 0.01	0.06	< 0.01	16.8	0.03	< 0.005	0.01
A0976648	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.03	0.013	0.52	< 0.005	5.34	< 0.1	< 0.01	24.7	0.10	0.228	< 0.01	0.06	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976649	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.05	0.013	0.54	< 0.005	5.64	< 0.1	< 0.01	24.2	0.10	0.220	< 0.01	0.05	< 0.01	16.4	0.03	< 0.005	< 0.01
A0976650	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.03	0.012	0.53	< 0.005	5.00	< 0.1	< 0.01	25.0	0.11	0.221	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976651	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.04	0.013	0.54	< 0.005	7.02	< 0.1	< 0.01	23.6	0.09	0.203	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976652	< 2	< 5	< 5	0.52	< 0.01	< 0.001	< 0.01	0.013	0.58	< 0.005	5.96	< 0.1	< 0.01	24.2	0.09	0.217	< 0.01	0.04	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976653	< 2	< 5	< 5	0.66	< 0.01	< 0.001	< 0.01	0.015	0.56	< 0.005	8.76	< 0.1	< 0.01	23.0	0.08	0.454	< 0.01	0.14	< 0.01	15.8	0.03	< 0.005	< 0.01
A0976654	< 2	< 5	< 5	0.55	< 0.01	< 0.001	< 0.01	0.014	0.49	< 0.005	7.08	< 0.1	< 0.01	24.3	0.09	0.302	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976655	< 2	< 5	< 5	0.44	< 0.01	< 0.001	< 0.01	0.014	0.56	< 0.005	7.04	< 0.1	< 0.01	24.3	0.10	0.239	< 0.01	0.03	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976656	12	< 5	< 5	0.34	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	3.88	< 0.1	< 0.01	25.1	0.06	0.285	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976657	< 2	< 5	< 5	0.55	< 0.01	< 0.001	< 0.01	0.014	0.55	< 0.005	6.72	< 0.1	< 0.01	23.9	0.09	0.243	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976658	< 2	< 5	< 5	0.42	< 0.01	< 0.001	< 0.01	0.012	0.58	< 0.005	5.56	< 0.1	< 0.01	24.8	0.10	0.261	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976659	< 2	< 5	< 5	0.47	< 0.01	< 0.001	< 0.01	0.012	0.54	< 0.005	5.41	< 0.1	< 0.01	24.8	0.10	0.264	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0976660	< 2	< 5	< 5	0.47	< 0.01	< 0.001	< 0.01	0.011	0.51	< 0.005	5.28	< 0.1	< 0.01	25.1	0.09	0.261	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976661	< 2	< 5	< 5	0.46	< 0.01	< 0.001	< 0.01	0.012	0.55	< 0.005	5.34	< 0.1	< 0.01	24.9	0.09	0.269	< 0.01	0.04	< 0.01	16.5	0.02	< 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
PTM-1a Meas					0.22			2.03		23.7						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.06		25.0						47.9		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.22			2.02		24.2						47.6		22.3					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.55				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.65														3.59				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.014	1.55	< 0.005				30.5	0.08	0.377	< 0.01		< 0.01	18.9			< 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
DTS-2b Meas				0.22			0.06	0.014	1.60	< 0.005				30.6	0.08	0.382	< 0.01		< 0.01	18.5			< 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			0.056	0.18	0.122	13.5					3.25		7.38		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.119	13.5					3.23		7.40		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.24		2.63			3.09	7.93			0.03			2.08	13.4		16.5		0.111	15.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.32		2.73			3.15	8.05			0.04			2.12	13.5		16.9		0.109	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.09	< 0.01	36.6	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.09	< 0.01	36.4	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.3				0.28					4.51	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											45.3				0.28					4.72	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.007	
NCS DC86314													1.81										

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
Cert																							
NCS DC86314 Meas													1.80									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.099																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.07						0.128	6.93			0.07			64.0						5.87
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.126	6.83			0.07			64.4						5.70
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.122	6.91			0.07			64.9						5.77
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.010		0.420							0.18	33.3		0.29			55.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.405							0.18	34.3		0.30			54.5
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.408							0.18	34.5		0.29			55.9
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.13	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.64			0.52	0.003	< 0.01	0.226	5.66	2.6	< 0.01	1.55	0.09	< 0.005	< 0.01	0.37		30.9	0.44		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
OREAS 922 (Peroxide Fusion) Meas				7.67			0.53	0.003	< 0.01	0.226	5.64	2.6	< 0.01	1.54	0.09	< 0.005	< 0.01	0.37		31.2	0.43		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.14	0.11			0.031		22.6	31.8			0.73	0.01		0.71	34.9	< 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
CCU-1e Meas				0.14	0.10			0.031		22.4	30.9			0.75	< 0.01		0.71	35.3	0.01				2.85
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
CCU-1e Meas				0.14	0.10			0.031		22.4	31.3			0.73	< 0.01		0.71	35.9	0.01				2.86
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	4710	1990	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1930	1700	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
A0976636 Orig	< 2	< 5	< 5	7.15	< 0.01	< 0.001	3.69	0.002	0.02	< 0.005	3.27	2.0	< 0.01	1.60	0.07	0.013	< 0.01	0.03	< 0.01	30.0	0.29	< 0.005	< 0.01
A0976636 Dup	< 2	< 5	< 5	7.29	< 0.01	< 0.001	3.73	0.002	0.02	< 0.005	3.29	2.0	< 0.01	1.57	0.07	0.010	< 0.01	0.03	< 0.01	30.4	0.29	< 0.005	< 0.01
A0976646 Orig	< 2	< 5	< 5	0.62	< 0.01	< 0.001	< 0.01	0.013	0.54	< 0.005	5.07	< 0.1	< 0.01	24.5	0.09	0.236	< 0.01	0.06	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976646 Dup	< 2	< 5	< 5	0.62	< 0.01	< 0.001	< 0.01	0.013	0.55	< 0.005	5.12	< 0.1	< 0.01	24.8	0.09	0.236	< 0.01	0.06	< 0.01	17.0	0.03	< 0.005	< 0.01
A0976656 Orig				0.34	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	3.87	< 0.1	< 0.01	25.2	0.06	0.284	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0976656 Dup				0.34	< 0.01	< 0.001	0.23	0.009	0.10	< 0.005	3.90	< 0.1	< 0.01	25.1	0.06	0.286	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0976657 Orig	< 2	< 5	< 5																				
A0976657 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	< 0.01	< 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	0.02	< 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	0.007	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.02	< 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	0.02	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02628**
Report Date: **23-Mar-20**
Date Submitted: **03-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-23 10:49:34
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-19 16:09:40

REPORT **A20-02628**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976662	< 2	< 5	< 5	0.52	< 0.01	< 0.001	< 0.01	0.012	0.59	< 0.005	5.55	< 0.1	< 0.01	24.8	0.09	0.259	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976663	< 2	< 5	< 5	0.51	< 0.01	< 0.001	< 0.01	0.012	0.59	< 0.005	5.84	< 0.1	< 0.01	24.6	0.09	0.263	< 0.01	0.05	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976664	< 2	< 5	< 5	0.48	< 0.01	< 0.001	< 0.01	0.011	0.68	< 0.005	5.32	< 0.1	< 0.01	24.8	0.09	0.266	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0976665	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.03	0.011	0.58	< 0.005	5.57	< 0.1	< 0.01	24.9	0.09	0.271	< 0.01	0.04	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976666	< 2	< 5	< 5	0.44	< 0.01	< 0.001	< 0.01	0.012	0.56	< 0.005	5.09	< 0.1	< 0.01	25.1	0.09	0.259	< 0.01	0.05	< 0.01	16.4	0.02	< 0.005	< 0.01
A0976667	< 2	< 5	< 5	0.51	< 0.01	< 0.001	< 0.01	0.013	0.54	< 0.005	7.56	< 0.1	< 0.01	23.7	0.09	0.249	< 0.01	0.06	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976668	< 2	< 5	< 5	0.49	< 0.01	< 0.001	< 0.01	0.012	0.57	< 0.005	5.43	< 0.1	< 0.01	24.6	0.09	0.252	< 0.01	0.06	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976669	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.03	0.013	0.60	< 0.005	5.38	< 0.1	< 0.01	24.5	0.09	0.252	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976670	< 2	< 5	< 5	0.55	< 0.01	< 0.001	< 0.01	0.016	0.57	< 0.005	5.90	< 0.1	< 0.01	24.4	0.09	0.251	< 0.01	0.10	< 0.01	16.3	0.03	< 0.005	< 0.01
A0976671	< 2	< 5	< 5	0.45	< 0.01	< 0.001	< 0.01	0.012	0.58	< 0.005	5.38	< 0.1	< 0.01	24.8	0.09	0.251	< 0.01	0.08	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976672	11	< 5	< 5	0.34	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	3.85	< 0.1	< 0.01	24.9	0.06	0.282	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976673	< 2	< 5	21	0.52	< 0.01	< 0.001	0.04	0.012	0.59	< 0.005	6.66	< 0.1	< 0.01	24.1	0.09	0.263	< 0.01	0.10	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976674	< 2	< 5	< 5	0.43	< 0.01	< 0.001	< 0.01	0.012	0.56	< 0.005	5.07	< 0.1	< 0.01	25.2	0.09	0.254	< 0.01	0.07	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976675	< 2	< 5	< 5	0.41	< 0.01	< 0.001	< 0.01	0.012	0.58	< 0.005	5.59	< 0.1	< 0.01	24.9	0.09	0.277	< 0.01	0.09	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976676	< 2	7	< 5	0.64	< 0.01	< 0.001	0.02	0.014	0.47	0.012	6.21	< 0.1	< 0.01	24.2	0.08	0.244	< 0.01	0.11	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976677	< 2	< 5	< 5	0.43	< 0.01	< 0.001	< 0.01	0.013	0.59	0.009	4.94	< 0.1	< 0.01	25.3	0.09	0.188	< 0.01	0.08	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976678	< 2	< 5	< 5	0.55	< 0.01	< 0.001	< 0.01	0.015	0.58	0.006	6.96	< 0.1	< 0.01	23.9	0.09	0.204	< 0.01	0.10	< 0.01	15.9	0.03	< 0.005	< 0.01
A0976679	< 2	5	< 5	0.55	< 0.01	< 0.001	< 0.01	0.014	0.58	0.006	7.00	< 0.1	< 0.01	23.9	0.09	0.219	< 0.01	0.10	< 0.01	16.1	0.03	< 0.005	< 0.01
A0976680	< 2	8	< 5	0.41	< 0.01	< 0.001	< 0.01	0.014	0.59	< 0.005	5.95	< 0.1	< 0.01	24.7	0.10	0.224	< 0.01	0.09	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976681	< 2	11	< 5	0.36	< 0.01	< 0.001	< 0.01	0.013	0.60	< 0.005	5.58	< 0.1	< 0.01	25.1	0.09	0.212	< 0.01	0.08	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976682	< 2	< 5	< 5	0.38	< 0.01	< 0.001	< 0.01	0.013	0.58	< 0.005	5.83	< 0.1	< 0.01	24.6	0.10	0.197	< 0.01	0.09	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976683	< 2	29	14	0.34	< 0.01	< 0.001	< 0.01	0.013	0.58	< 0.005	5.90	< 0.1	< 0.01	25.0	0.10	0.201	< 0.01	0.09	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976684	< 2	34	20	0.39	< 0.01	< 0.001	< 0.01	0.012	0.61	< 0.005	6.12	< 0.1	< 0.01	24.8	0.09	0.196	< 0.01	0.09	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976685	< 2	12	19	0.73	< 0.01	< 0.001	< 0.01	0.013	0.53	< 0.005	5.93	< 0.1	< 0.01	24.2	0.07	0.182	< 0.01	0.09	< 0.01	16.6	0.04	< 0.005	< 0.01
A0976686	< 2	< 5	< 5	0.60	< 0.01	< 0.001	< 0.01	0.014	0.59	0.005	5.03	< 0.1	< 0.01	24.7	0.08	0.268	< 0.01	0.13	< 0.01	16.8	0.04	< 0.005	< 0.01
A0976687	< 2	< 5	< 5	0.34	< 0.01	< 0.001	< 0.01	0.014	0.64	0.007	4.67	< 0.1	< 0.01	25.4	0.10	0.256	< 0.01	0.13	< 0.01	16.4	0.02	< 0.005	< 0.01
A0976688	< 2	9	< 5	0.34	< 0.01	< 0.001	< 0.01	0.014	0.64	< 0.005	5.87	< 0.1	< 0.01	25.2	0.10	0.299	< 0.01	0.14	< 0.01	15.7	0.02	< 0.005	< 0.01
A0976689	< 2	< 5	< 5	0.33	< 0.01	< 0.001	< 0.01	0.013	0.65	< 0.005	5.85	< 0.1	< 0.01	24.9	0.10	0.254	< 0.01	0.14	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976690	< 2	< 5	< 5	7.10	< 0.01	< 0.001	4.52	0.002	0.02	< 0.005	3.36	1.8	< 0.01	1.89	0.06	0.011	< 0.01	0.03	< 0.01	28.8	0.31	< 0.005	< 0.01
A0976691	< 2	< 5	< 5	0.36	< 0.01	< 0.001	< 0.01	0.012	0.69	0.006	5.29	< 0.1	< 0.01	25.1	0.09	0.262	< 0.01	0.13	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976692	< 2	14	9	0.37	< 0.01	< 0.001	< 0.01	0.015	0.65	0.008	6.02	< 0.1	< 0.01	24.6	0.09	0.406	< 0.01	0.20	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976693	< 2	58	32	0.39	< 0.01	< 0.001	0.02	0.015	0.67	0.011	7.14	< 0.1	< 0.01	24.1	0.09	0.436	< 0.01	0.23	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976694	< 2	70	37	0.63	< 0.01	< 0.001	< 0.01	0.014	0.63	0.022	5.41	< 0.1	< 0.01	24.6	0.08	0.354	< 0.01	0.23	< 0.01	16.4	0.04	< 0.005	< 0.01
A0976695	< 2	66	46	0.36	< 0.01	< 0.001	0.02	0.013	0.64	0.017	5.62	< 0.1	< 0.01	24.8	0.09	0.436	< 0.01	0.26	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976696	< 2	89	58	0.34	< 0.01	< 0.001	< 0.01	0.015	0.62	0.019	5.66	< 0.1	< 0.01	24.9	0.09	0.563	< 0.01	0.32	< 0.01	16.0	0.02	< 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
PTM-1a Meas					0.22			2.03		23.7						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.06		25.0						47.9		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.22			2.02		24.2						47.6		22.3					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.55				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.65														3.59				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.014	1.55	< 0.005				30.5	0.08	0.377	< 0.01		< 0.01	18.9			< 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
DTS-2b Meas				0.22			0.06	0.014	1.60	< 0.005				30.6	0.08	0.382	< 0.01		< 0.01	18.5			< 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			0.056	0.18	0.122	13.5					3.25		7.38		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.119	13.5					3.23		7.40		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.24		2.63			3.09	7.93			0.03			2.08	13.4		16.5		0.111	15.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.32		2.73			3.15	8.05			0.04			2.12	13.5		16.9		0.109	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.09	< 0.01	36.6	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.09	< 0.01	36.4	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.3				0.28					4.51	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											45.3				0.28					4.72	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.007	
NCS DC86314													1.81										

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
Cert																							
NCS DC86314 Meas													1.80									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.099																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.07						0.128	6.93			0.07			64.0						5.87
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.126	6.83			0.07			64.4						5.70
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.122	6.91			0.07			64.9						5.77
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.010		0.420							0.18	33.3		0.29			55.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.405							0.18	34.3		0.30			54.5
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.408							0.18	34.5		0.29			55.9
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.13	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.64			0.52	0.003	< 0.01	0.226	5.66	2.6	< 0.01	1.55	0.09	< 0.005	< 0.01	0.37		30.9	0.44		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
OREAS 922 (Peroxide Fusion) Meas				7.67			0.53	0.003	< 0.01	0.226	5.64	2.6	< 0.01	1.54	0.09	< 0.005	< 0.01	0.37		31.2	0.43		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.14	0.11			0.031		22.6	31.8			0.73	0.01		0.71	34.9	< 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
CCU-1e Meas				0.14	0.10			0.031		22.4	30.9			0.75	< 0.01		0.71	35.3	0.01				2.85
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
CCU-1e Meas				0.14	0.10			0.031		22.4	31.3			0.73	< 0.01		0.71	35.9	0.01				2.86
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	4610	1910	1360																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1930	1740	246																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
A0976667 Orig				0.51	< 0.01	< 0.001	0.02	0.013	0.55	< 0.005	7.51	< 0.1	< 0.01	23.6	0.09	0.247	< 0.01	0.06	< 0.01	15.8	0.02	< 0.005	< 0.01
A0976667 Dup				0.51	< 0.01	< 0.001	< 0.01	0.013	0.54	< 0.005	7.60	< 0.1	< 0.01	23.7	0.09	0.251	< 0.01	0.06	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976671 Orig	< 2	< 5	< 5																				
A0976671 Dup	< 2	< 5	< 5																				
A0976676 Orig				0.63	< 0.01	< 0.001	0.02	0.014	0.46	0.012	6.20	< 0.1	< 0.01	24.2	0.08	0.251	< 0.01	0.11	< 0.01	16.6	0.03	< 0.005	< 0.01
A0976676 Dup				0.64	< 0.01	< 0.001	0.01	0.014	0.47	0.012	6.22	< 0.1	< 0.01	24.1	0.08	0.238	< 0.01	0.11	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976681 Orig	< 2	12	< 5																				
A0976681 Dup	< 2	10	< 5																				
A0976686 Orig				0.60	< 0.01	< 0.001	0.01	0.014	0.58	0.005	5.03	< 0.1	< 0.01	24.5	0.08	0.265	< 0.01	0.13	< 0.01	17.0	0.04	< 0.005	< 0.01
A0976686 Dup				0.60	< 0.01	< 0.001	< 0.01	0.014	0.59	0.005	5.03	< 0.1	< 0.01	24.9	0.08	0.270	< 0.01	0.13	< 0.01	16.6	0.04	< 0.005	< 0.01
A0976691 Orig	< 2	< 5	< 5																				
A0976691 Dup	< 2	6	< 5																				
A0976696 Orig				0.34	< 0.01	< 0.001	< 0.01	0.015	0.62	0.019	5.63	< 0.1	< 0.01	24.8	0.09	0.558	< 0.01	0.33	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976696 Dup				0.34	< 0.01	< 0.001	< 0.01	0.015	0.62	0.019	5.69	< 0.1	< 0.01	25.0	0.09	0.567	< 0.01	0.32	< 0.01	15.9	0.02	< 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	0.02	< 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	0.007	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.02	< 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	0.02	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-02659**
Report Date: **23-Mar-20**
Date Submitted: **04-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-23 10:49:34
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-03-19 16:09:40

REPORT **A20-02659**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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
A0976697	< 2	38	18	0.35	< 0.01	< 0.001	< 0.01	0.013	0.66	0.013	5.55	< 0.1	< 0.01	25.5	0.09	0.416	< 0.01	0.24	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976698	< 2	55	33	0.37	< 0.01	< 0.001	< 0.01	0.012	0.68	0.014	5.25	< 0.1	< 0.01	25.3	0.09	0.406	< 0.01	0.23	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976699	< 2	25	18	0.33	< 0.01	< 0.001	< 0.01	0.015	0.66	0.012	6.01	< 0.1	< 0.01	24.6	0.10	0.456	< 0.01	0.25	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976700	< 2	95	32	0.32	< 0.01	< 0.001	< 0.01	0.016	0.68	0.015	5.74	< 0.1	< 0.01	24.8	0.09	0.469	< 0.01	0.27	< 0.01	15.7	0.02	< 0.005	< 0.01
A0976701	< 2	93	40	0.36	< 0.01	< 0.001	< 0.01	0.013	0.67	0.016	6.11	< 0.1	< 0.01	24.8	0.09	0.377	< 0.01	0.23	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976702	< 2	109	60	0.37	< 0.01	< 0.001	< 0.01	0.011	0.65	0.017	5.77	< 0.1	< 0.01	25.2	0.09	0.330	< 0.01	0.22	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976703	3	144	77	0.44	< 0.01	< 0.001	< 0.01	0.015	0.68	0.022	6.46	< 0.1	< 0.01	25.1	0.09	0.408	< 0.01	0.29	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976704	< 2	36	32	7.26	< 0.01	< 0.001	6.20	0.019	0.02	0.033	9.33	0.6	< 0.01	3.96	0.11	0.721	< 0.01	1.67	< 0.01	23.0	1.02	< 0.005	0.01
A0976705	< 2	164	93	0.40	< 0.01	< 0.001	< 0.01	0.011	0.63	0.024	5.80	< 0.1	< 0.01	24.8	0.09	0.307	< 0.01	0.21	< 0.01	16.4	0.02	< 0.005	< 0.01
A0976706	< 2	31	13	0.29	< 0.01	< 0.001	< 0.01	0.016	0.67	0.019	6.82	< 0.1	< 0.01	25.2	0.09	0.414	< 0.01	0.31	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976707	< 2	82	68	0.53	< 0.01	< 0.001	0.09	0.029	0.62	0.030	8.62	< 0.1	< 0.01	23.6	0.10	0.658	< 0.01	0.56	< 0.01	15.1	0.02	< 0.005	0.01
A0976708	< 2	96	78	0.36	< 0.01	< 0.001	< 0.01	0.014	0.59	0.020	5.63	< 0.1	< 0.01	25.2	0.09	0.350	< 0.01	0.26	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976709	< 2	54	38	0.32	< 0.01	< 0.001	0.05	0.016	0.63	0.020	6.63	< 0.1	< 0.01	24.7	0.09	0.408	< 0.01	0.30	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976710	< 2	< 5	< 5	6.77	< 0.01	< 0.001	5.13	0.003	0.02	< 0.005	3.37	1.5	< 0.01	1.84	0.06	0.010	< 0.01	0.02	< 0.01	29.2	0.29	< 0.005	< 0.01
A0976711	< 2	81	58	0.33	< 0.01	< 0.001	< 0.01	0.017	0.66	0.018	6.19	< 0.1	< 0.01	25.2	0.08	0.406	< 0.01	0.29	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976712	< 2	58	48	0.33	< 0.01	< 0.001	< 0.01	0.015	0.67	0.018	6.31	< 0.1	< 0.01	24.8	0.08	0.374	< 0.01	0.28	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976713	< 2	65	45	0.29	< 0.01	< 0.001	< 0.01	0.018	0.67	0.018	5.85	< 0.1	< 0.01	24.8	0.08	0.420	< 0.01	0.33	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976714	< 2	50	25	0.31	< 0.01	< 0.001	< 0.01	0.017	0.65	0.025	5.79	< 0.1	< 0.01	25.1	0.09	0.388	< 0.01	0.31	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976715	< 2	32	22	0.35	< 0.01	< 0.001	0.02	0.015	0.73	0.024	5.88	< 0.1	< 0.01	25.0	0.09	0.375	< 0.01	0.25	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976716	258	698	100	0.46	< 0.01	< 0.001	< 0.01	0.013	0.69	< 0.005	5.23	< 0.1	< 0.01	24.8	0.08	0.453	< 0.01	0.19	< 0.01	16.4	0.03	< 0.005	< 0.01
A0976717	6	35	50	0.62	< 0.01	< 0.001	< 0.01	0.009	0.68	< 0.005	6.85	< 0.1	< 0.01	23.7	0.08	0.331	< 0.01	0.09	< 0.01	16.0	0.03	< 0.005	< 0.01
A0976718	< 2	73	144	0.61	< 0.01	< 0.001	0.06	0.008	0.62	< 0.005	5.94	< 0.1	< 0.01	23.9	0.08	0.349	< 0.01	0.08	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976719	< 2	35	13	0.43	< 0.01	< 0.001	< 0.01	0.013	0.74	< 0.005	5.40	< 0.1	< 0.01	24.9	0.09	0.460	< 0.01	0.13	< 0.01	16.1	0.02	< 0.005	< 0.01
A0976720	< 2	53	13	0.36	< 0.01	< 0.001	< 0.01	0.014	0.73	< 0.005	5.47	< 0.1	< 0.01	25.1	0.08	0.714	< 0.01	0.20	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976721	8	311	379	0.40	< 0.01	< 0.001	< 0.01	0.012	0.74	< 0.005	5.29	< 0.1	< 0.01	25.1	0.08	0.503	< 0.01	0.12	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976722	20	654	236	0.43	< 0.01	< 0.001	< 0.01	0.013	0.72	< 0.005	6.03	< 0.1	< 0.01	25.2	0.09	0.456	< 0.01	0.10	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976723	27	746	302	0.41	< 0.01	< 0.001	< 0.01	0.013	0.65	< 0.005	5.87	< 0.1	< 0.01	24.9	0.08	0.422	< 0.01	0.09	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976724	7	160	335	0.40	< 0.01	< 0.001	< 0.01	0.011	0.71	< 0.005	5.62	< 0.1	< 0.01	25.0	0.08	0.336	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976725	< 2	434	20	0.32	< 0.01	< 0.001	< 0.01	0.013	0.79	< 0.005	5.96	< 0.1	< 0.01	25.3	0.08	0.416	< 0.01	0.10	< 0.01	15.8	0.01	< 0.005	< 0.01
A0976726	7	476	38	0.32	< 0.01	< 0.001	< 0.01	0.016	0.72	< 0.005	7.04	< 0.1	< 0.01	24.7	0.09	0.412	< 0.01	0.09	< 0.01	15.4	0.01	< 0.005	< 0.01
A0976727	< 2	47	13	0.44	< 0.01	< 0.001	< 0.01	0.014	0.79	< 0.005	5.97	< 0.1	< 0.01	24.8	0.09	0.348	< 0.01	0.10	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976728	3	72	52	0.46	< 0.01	< 0.001	< 0.01	0.012	0.86	< 0.005	5.38	< 0.1	< 0.01	24.9	0.08	0.338	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976729	< 2	107	53	0.43	< 0.01	< 0.001	< 0.01	0.011	0.77	< 0.005	6.04	< 0.1	< 0.01	24.9	0.08	0.352	< 0.01	0.06	< 0.01	16.3	0.02	< 0.005	< 0.01
A0976730	4	45	179	0.29	< 0.01	< 0.001	< 0.01	0.016	0.83	0.009	5.08	< 0.1	< 0.01	25.7	0.08	0.375	< 0.01	0.11	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976731	4	85	50	0.35	< 0.01	< 0.001	< 0.01	0.015	0.76	< 0.005	6.79	< 0.1	< 0.01	24.6	0.08	0.384	< 0.01	0.12	< 0.01	15.6	0.02	< 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
PTM-1a Meas					0.22			2.03		23.7						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.06		25.0						47.9		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.22			2.02		24.2						47.6		22.3					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.55				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.65														3.59				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.05	0.014	1.55	< 0.005				30.5	0.08	0.377	< 0.01		< 0.01	18.9			< 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
DTS-2b Meas				0.22			0.06	0.014	1.60	< 0.005				30.6	0.08	0.382	< 0.01		< 0.01	18.5			< 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			0.056	0.18	0.122	13.5					3.25		7.38		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.119	13.5					3.23		7.40		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.24		2.63			3.09	7.93			0.03			2.08	13.4		16.5		0.111	15.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.32		2.73			3.15	8.05			0.04			2.12	13.5		16.9		0.109	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.09	< 0.01	36.6	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.09	< 0.01	36.4	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.3				0.28					4.51	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											45.3				0.28					4.72	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.007	
NCS DC86314													1.81										

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
Cert																							
NCS DC86314 Meas													1.80									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.099																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.07						0.128	6.93			0.07			64.0						5.87
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.126	6.83			0.07			64.4						5.70
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.07						0.122	6.91			0.07			64.9						5.77
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.010		0.420							0.18	33.3		0.29			55.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.405							0.18	34.3		0.30			54.5
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.03			0.010		0.408							0.18	34.5		0.29			55.9
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.13	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.64			0.52	0.003	< 0.01	0.226	5.66	2.6	< 0.01	1.55	0.09	< 0.005	< 0.01	0.37		30.9	0.44		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
OREAS 922 (Peroxide Fusion) Meas				7.67			0.53	0.003	< 0.01	0.226	5.64	2.6	< 0.01	1.54	0.09	< 0.005	< 0.01	0.37		31.2	0.43		0.02
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.14	0.11			0.031		22.6	31.8			0.73	0.01		0.71	34.9	< 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
CCU-1e Meas				0.14	0.10			0.031		22.4	30.9			0.75	< 0.01		0.71	35.3	0.01				2.85
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
CCU-1e Meas				0.14	0.10			0.031		22.4	31.3			0.73	< 0.01		0.71	35.9	0.01				2.86
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	5200	1900	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1830	1530	200																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
A0976706 Orig	< 2	30	14	0.28	< 0.01	< 0.001	< 0.01	0.016	0.67	0.018	6.70	< 0.1	< 0.01	24.5	0.09	0.419	< 0.01	0.31	< 0.01	15.9	0.02	< 0.005	< 0.01
A0976706 Dup	< 2	32	11	0.29	< 0.01	< 0.001	< 0.01	0.016	0.67	0.020	6.94	< 0.1	< 0.01	25.9	0.09	0.409	< 0.01	0.31	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976716 Orig	307	744	108	0.47	< 0.01	< 0.001	< 0.01	0.013	0.70	< 0.005	5.27	< 0.1	< 0.01	24.7	0.08	0.450	< 0.01	0.18	< 0.01	16.5	0.03	< 0.005	< 0.01
A0976716 Dup	208	653	93	0.45	< 0.01	< 0.001	< 0.01	0.013	0.67	< 0.005	5.19	< 0.1	< 0.01	25.0	0.08	0.456	< 0.01	0.19	< 0.01	16.4	0.03	< 0.005	< 0.01
A0976726 Orig	4	443	34	0.32	< 0.01	< 0.001	< 0.01	0.016	0.75	< 0.005	6.96	< 0.1	< 0.01	24.8	0.09	0.414	< 0.01	0.09	< 0.01	15.2	0.01	< 0.005	< 0.01
A0976726 Dup	11	509	41	0.31	< 0.01	< 0.001	< 0.01	0.016	0.69	< 0.005	7.12	< 0.1	< 0.01	24.6	0.09	0.409	< 0.01	0.10	< 0.01	15.6	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	0.02	< 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	0.007	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.02	< 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	0.02	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03620**
Report Date: **15-Apr-20**
Date Submitted: **25-Mar-20**
Your Reference: **Crawford (CR20-C-C33)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-04-14 17:12:50

REPORT **A20-03620**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-03620**
Report Date: **15-Apr-20**
Date Submitted: **25-Mar-20**
Your Reference: **Crawford (CR20-C-C33)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-04-13 14:51:16

REPORT **A20-03620**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11128	< 2	< 5	< 5	7.84	< 0.01	< 0.001	3.29	0.002	< 0.01	0.006	3.55	1.9	< 0.01	1.11	0.04	0.006	< 0.01	0.02	< 0.01	29.3	0.33	< 0.005	< 0.01
B11129	< 2	< 5	< 5	8.23	< 0.01	< 0.001	2.15	0.003	< 0.01	< 0.005	4.17	1.9	< 0.01	1.31	0.03	0.010	< 0.01	0.03	< 0.01	30.0	0.35	< 0.005	< 0.01
B11130	< 2	< 5	< 5	7.74	< 0.01	< 0.001	1.79	0.003	< 0.01	0.006	3.88	1.0	< 0.01	1.42	0.03	0.009	< 0.01	0.03	< 0.01	29.6	0.33	< 0.005	< 0.01
B11131	< 2	< 5	< 5	5.48	< 0.01	< 0.001	6.80	0.005	0.12	< 0.005	5.93	1.0	< 0.01	5.40	0.08	0.043	< 0.01	0.01	< 0.01	23.2	0.27	< 0.005	< 0.01
B11132	< 2	< 5	< 5	7.92	< 0.01	< 0.001	1.95	0.003	< 0.01	< 0.005	3.84	0.8	< 0.01	1.31	0.03	0.008	< 0.01	0.01	< 0.01	30.0	0.35	< 0.005	< 0.01
B11133	< 2	< 5	< 5	8.29	< 0.01	< 0.001	4.13	0.003	< 0.01	< 0.005	3.90	1.2	< 0.01	1.95	0.04	0.008	< 0.01	< 0.01	< 0.01	30.0	0.35	< 0.005	< 0.01
B11134	< 2	27	18	4.70	< 0.01	< 0.001	7.67	0.008	0.21	< 0.005	7.65	0.1	< 0.01	11.1	0.11	0.080	< 0.01	< 0.01	< 0.01	21.0	0.28	< 0.005	< 0.01
B11135	11	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	4.03	< 0.1	< 0.01	25.3	0.06	0.293	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
B11136	< 2	7	9	4.20	< 0.01	< 0.001	6.98	0.011	0.24	0.006	7.16	< 0.1	< 0.01	12.8	0.13	0.082	< 0.01	0.01	< 0.01	20.7	0.25	< 0.005	< 0.01
B11137	< 2	9	11	4.53	< 0.01	< 0.001	6.50	0.008	0.26	< 0.005	7.30	< 0.1	< 0.01	13.4	0.14	0.095	< 0.01	< 0.01	< 0.01	19.6	0.26	< 0.005	< 0.01
B11138	< 2	8	7	3.63	< 0.01	< 0.001	6.37	0.009	0.32	< 0.005	7.46	< 0.1	< 0.01	13.9	0.13	0.108	< 0.01	< 0.01	< 0.01	21.1	0.21	< 0.005	< 0.01
B11139	< 2	7	9	3.14	< 0.01	< 0.001	5.72	0.009	0.35	< 0.005	7.42	< 0.1	< 0.01	15.0	0.12	0.117	< 0.01	< 0.01	< 0.01	20.8	0.17	< 0.005	< 0.01
B11140	< 2	< 5	6	3.11	< 0.01	< 0.001	5.59	0.009	0.36	< 0.005	7.17	< 0.1	< 0.01	15.5	0.13	0.122	< 0.01	< 0.01	< 0.01	20.1	0.17	< 0.005	< 0.01
B11141	< 2	< 5	< 5	8.16	< 0.01	< 0.001	3.01	< 0.002	< 0.01	< 0.005	2.97	2.2	< 0.01	1.29	0.05	0.005	< 0.01	< 0.01	< 0.01	30.4	0.26	< 0.005	< 0.01
B11142	< 2	< 5	7	2.78	< 0.01	< 0.001	6.11	0.010	0.38	< 0.005	7.54	< 0.1	< 0.01	16.3	0.12	0.127	< 0.01	< 0.01	< 0.01	18.8	0.15	< 0.005	< 0.01
B11143	< 2	< 5	7	2.50	< 0.01	< 0.001	5.21	0.011	0.41	< 0.005	7.76	< 0.1	< 0.01	17.4	0.14	0.139	< 0.01	< 0.01	< 0.01	19.1	0.14	< 0.005	0.01
B11144	< 2	< 5	9	2.81	< 0.01	< 0.001	6.01	0.010	0.37	< 0.005	7.50	< 0.1	< 0.01	16.1	0.12	0.126	< 0.01	< 0.01	< 0.01	19.3	0.15	< 0.005	< 0.01
B11145	< 2	< 5	10	2.65	< 0.01	< 0.001	5.44	0.011	0.43	< 0.005	8.02	< 0.1	< 0.01	18.1	0.14	0.145	< 0.01	< 0.01	< 0.01	20.6	0.14	< 0.005	0.01
B11146	< 2	< 5	6	1.90	< 0.01	< 0.001	3.68	0.011	0.49	< 0.005	7.65	0.1	< 0.01	19.4	0.14	0.165	< 0.01	< 0.01	< 0.01	18.2	0.11	< 0.005	< 0.01
B11147	< 2	< 5	< 5	1.78	< 0.01	< 0.001	2.68	0.011	0.49	< 0.005	7.67	0.1	< 0.01	19.7	0.14	0.166	< 0.01	< 0.01	< 0.01	18.2	0.11	< 0.005	< 0.01
B11148	< 2	< 5	< 5	1.72	< 0.01	< 0.001	2.88	0.012	0.50	< 0.005	7.73	0.2	< 0.01	20.3	0.13	0.172	< 0.01	< 0.01	< 0.01	18.5	0.10	< 0.005	< 0.01
B11149	< 2	< 5	< 5	1.68	< 0.01	< 0.001	2.20	0.012	0.49	< 0.005	8.21	< 0.1	< 0.01	19.9	0.14	0.167	< 0.01	< 0.01	< 0.01	18.0	0.10	< 0.005	< 0.01
B11150	< 2	< 5	< 5	1.61	< 0.01	< 0.001	2.04	0.011	0.51	0.005	8.20	0.1	< 0.01	20.2	0.14	0.174	< 0.01	< 0.01	< 0.01	17.7	0.10	< 0.005	0.01
B11151	2	< 5	< 5	1.58	< 0.01	< 0.001	1.49	0.013	0.51	0.009	8.82	< 0.1	< 0.01	20.3	0.13	0.168	< 0.01	< 0.01	< 0.01	17.4	0.09	< 0.005	< 0.01
B11152	< 2	< 5	< 5	2.12	< 0.01	< 0.001	2.77	0.011	0.39	0.039	7.21	< 0.1	< 0.01	19.8	0.14	0.144	< 0.01	< 0.01	< 0.01	18.2	0.08	< 0.005	< 0.01
B11153	< 2	16	< 5	1.42	< 0.01	< 0.001	1.46	0.012	0.48	0.012	8.00	< 0.1	< 0.01	20.7	0.14	0.166	< 0.01	< 0.01	< 0.01	17.6	0.08	< 0.005	0.01
B11154	< 2	< 5	< 5	1.34	< 0.01	< 0.001	1.08	0.012	0.51	0.008	8.65	< 0.1	< 0.01	20.9	0.14	0.172	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	0.01
B11155	< 2	< 5	< 5	1.35	< 0.01	< 0.001	1.27	0.012	0.52	< 0.005	7.73	0.1	< 0.01	20.9	0.14	0.180	< 0.01	< 0.01	< 0.01	17.9	0.08	< 0.005	0.01
B11156	2	< 5	< 5	1.34	< 0.01	< 0.001	1.28	0.012	0.52	< 0.005	7.66	< 0.1	< 0.01	21.0	0.14	0.180	< 0.01	< 0.01	< 0.01	18.0	0.08	< 0.005	< 0.01
B11157	< 2	< 5	< 5	1.35	< 0.01	< 0.001	1.07	0.012	0.52	0.006	8.61	< 0.1	< 0.01	20.9	0.14	0.176	< 0.01	< 0.01	< 0.01	17.8	0.08	< 0.005	< 0.01
B11158	< 2	< 5	< 5	1.44	< 0.01	< 0.001	0.64	0.011	0.47	< 0.005	7.69	< 0.1	< 0.01	21.5	0.12	0.171	< 0.01	< 0.01	< 0.01	17.9	0.06	< 0.005	< 0.01
B11159	< 2	< 5	< 5	1.12	< 0.01	< 0.001	0.38	0.012	0.51	< 0.005	7.94	< 0.1	< 0.01	21.7	0.12	0.181	< 0.01	0.01	< 0.01	17.5	0.06	< 0.005	0.01
B11160	< 2	< 5	< 5	1.22	< 0.01	< 0.001	0.50	0.012	0.52	< 0.005	7.42	< 0.1	< 0.01	21.8	0.12	0.180	< 0.01	< 0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
B11161	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.59	0.013	0.53	< 0.005	7.79	< 0.1	< 0.01	21.7	0.13	0.185	< 0.01	< 0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
B11162	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.62	0.013	0.54	< 0.005	7.85	< 0.1	< 0.01	21.6	0.13	0.187	< 0.01	< 0.01	< 0.01	17.8	0.06	< 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			0.06	0.013	1.60	< 0.005				30.8	0.08	0.389	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.123	13.6					3.24		7.42		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.28		2.38			3.09	8.07			0.03			2.06	12.9		17.0		0.112	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.08	< 0.01	41.2	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											44.4				0.27					4.58	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.011		0.432							0.19	34.0		0.27			56.4
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				0.14	0.10			0.030		22.1	31.0			0.71	< 0.01		0.71	35.5	0.01				2.98
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	5350	2010	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1750	1530	213																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11133 Orig				8.19	< 0.01	< 0.001	4.12	0.003	< 0.01	< 0.005	3.89	1.2	< 0.01	1.97	0.04	0.008	< 0.01	< 0.01	< 0.01	29.3	0.35	< 0.005	< 0.01
B11133 Dup				8.38	< 0.01	< 0.001	4.14	0.003	< 0.01	< 0.005	3.91	1.2	< 0.01	1.94	0.04	0.008	< 0.01	< 0.01	< 0.01	30.7	0.35	< 0.005	< 0.01
B11137 Orig	< 2	9	9																				
B11137 Dup	< 2	9	13																				
B11141 Orig				8.13	< 0.01	< 0.001	3.00	< 0.002	0.01	< 0.005	2.97	2.2	< 0.01	1.29	0.05	0.005	< 0.01	0.01	< 0.01	30.3	0.26	< 0.005	< 0.01
B11141 Dup				8.18	< 0.01	< 0.001	3.02	< 0.002	< 0.01	< 0.005	2.97	2.2	< 0.01	1.29	0.05	0.005	< 0.01	< 0.01	< 0.01	30.4	0.25	< 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
B11147 Orig	< 2	< 5	5																				
B11147 Dup	2	< 5	< 5																				
B11156 Orig				1.34	< 0.01	< 0.001	1.28	0.012	0.52	< 0.005	7.65	0.1	< 0.01	21.0	0.14	0.180	< 0.01	< 0.01	< 0.01	18.1	0.08	< 0.005	< 0.01
B11156 Dup				1.34	< 0.01	< 0.001	1.27	0.012	0.52	< 0.005	7.67	< 0.1	< 0.01	21.0	0.14	0.179	< 0.01	0.01	< 0.01	18.0	0.08	< 0.005	< 0.01
B11157 Orig	< 2	< 5	< 5																				
B11157 Dup	< 2	< 5	< 5																				
B11162 Orig				1.14	< 0.01	< 0.001	0.62	0.013	0.54	< 0.005	7.84	< 0.1	< 0.01	21.5	0.13	0.187	< 0.01	< 0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
B11162 Dup				1.14	< 0.01	< 0.001	0.61	0.013	0.54	< 0.005	7.85	< 0.1	< 0.01	21.6	0.13	0.188	< 0.01	0.02	< 0.01	17.9	0.06	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03621**
Report Date: **15-Apr-20**
Date Submitted: **25-Mar-20**
Your Reference: **Crawford (CR20-C-C34)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-04-14 17:12:50

REPORT **A20-03621**

Notes:

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.: **A20-03621**
Report Date: **15-Apr-20**
Date Submitted: **25-Mar-20**
Your Reference: **Crawford (CR20-C-C34)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-04-13 14:51:16

REPORT **A20-03621**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
B11163	< 2	< 5	< 5	1.23	< 0.01	< 0.001	0.53	0.013	0.53	< 0.005	7.74	< 0.1	< 0.01	21.6	0.13	0.184	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
B11164	< 2	7	< 5	1.17	< 0.01	< 0.001	0.47	0.013	0.54	< 0.005	8.16	< 0.1	< 0.01	21.6	0.13	0.184	< 0.01	0.02	< 0.01	17.8	0.06	< 0.005	< 0.01
B11165	< 2	6	< 5	1.17	< 0.01	< 0.001	0.32	0.013	0.53	< 0.005	7.66	< 0.1	< 0.01	21.8	0.12	0.187	< 0.01	0.02	< 0.01	18.0	0.06	< 0.005	< 0.01
B11166	< 2	5	< 5	1.26	< 0.01	< 0.001	0.75	0.013	0.50	< 0.005	7.56	< 0.1	< 0.01	21.5	0.12	0.186	< 0.01	0.02	< 0.01	17.7	0.07	< 0.005	< 0.01
B11167	< 2	< 5	< 5	1.31	< 0.01	< 0.001	0.69	0.013	0.51	< 0.005	8.03	< 0.1	< 0.01	21.2	0.12	0.174	< 0.01	0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
B11168	< 2	11	< 5	1.25	< 0.01	< 0.001	1.47	0.013	0.52	< 0.005	7.65	< 0.1	< 0.01	21.4	0.12	0.178	< 0.01	0.01	< 0.01	18.2	0.07	< 0.005	< 0.01
B11169	< 2	6	< 5	1.46	< 0.01	< 0.001	1.72	0.013	0.45	< 0.005	7.89	< 0.1	< 0.01	20.6	0.11	0.171	< 0.01	< 0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
B11170	< 2	< 5	< 5	1.54	< 0.01	< 0.001	1.39	0.014	0.45	< 0.005	8.26	< 0.1	< 0.01	20.8	0.12	0.146	< 0.01	< 0.01	< 0.01	17.8	0.08	< 0.005	< 0.01
B11171	< 2	< 5	< 5	1.35	< 0.01	< 0.001	1.98	0.013	0.52	< 0.005	7.89	< 0.1	< 0.01	20.4	0.12	0.160	< 0.01	0.01	< 0.01	18.2	0.08	< 0.005	< 0.01
B11172	< 2	< 5	< 5	1.57	< 0.01	< 0.001	1.09	0.014	0.47	< 0.005	8.61	< 0.1	< 0.01	20.8	0.12	0.160	< 0.01	< 0.01	< 0.01	17.6	0.08	< 0.005	< 0.01
B11173	< 2	< 5	< 5	1.60	< 0.01	< 0.001	1.09	0.014	0.45	< 0.005	8.64	< 0.1	< 0.01	20.8	0.11	0.157	< 0.01	< 0.01	< 0.01	17.1	0.08	< 0.005	< 0.01
B11174	< 2	5	9	1.19	< 0.01	< 0.001	1.32	0.013	0.50	< 0.005	7.69	< 0.1	< 0.01	21.4	0.12	0.181	< 0.01	< 0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
B11175	< 2	< 5	< 5	1.33	< 0.01	< 0.001	1.02	0.014	0.47	< 0.005	8.67	< 0.1	< 0.01	20.9	0.13	0.169	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
B11176	< 2	5	< 5	1.24	< 0.01	< 0.001	1.38	0.014	0.46	< 0.005	8.23	< 0.1	< 0.01	21.0	0.13	0.173	< 0.01	< 0.01	< 0.01	18.0	0.07	< 0.005	< 0.01
B11177	3	10	15	1.19	< 0.01	< 0.001	0.50	0.014	0.56	< 0.005	8.15	< 0.1	< 0.01	21.5	0.13	0.186	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01
B11178	< 2	19	11	1.12	< 0.01	< 0.001	0.67	0.014	0.48	< 0.005	7.94	< 0.1	< 0.01	21.8	0.13	0.175	< 0.01	0.01	< 0.01	18.0	0.06	< 0.005	< 0.01
B11179	< 2	< 5	< 5	1.27	< 0.01	< 0.001	1.17	0.014	0.46	< 0.005	7.96	< 0.1	< 0.01	21.2	0.13	0.158	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	0.01
B11180	< 2	< 5	5	1.21	< 0.01	< 0.001	1.51	0.014	0.46	< 0.005	7.90	< 0.1	< 0.01	21.8	0.13	0.149	< 0.01	< 0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
B11181	< 2	< 5	< 5	1.27	< 0.01	< 0.001	0.91	0.014	0.43	< 0.005	7.74	< 0.1	< 0.01	21.6	0.13	0.145	< 0.01	< 0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
B11182	< 2	< 5	< 5	1.23	< 0.01	< 0.001	0.76	0.014	0.44	< 0.005	8.87	< 0.1	< 0.01	21.3	0.13	0.148	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	0.01
B11183	< 2	< 5	< 5	7.03	< 0.01	< 0.001	3.48	0.003	0.02	< 0.005	4.00	1.6	< 0.01	2.39	0.07	0.010	< 0.01	0.03	< 0.01	30.1	0.33	< 0.005	< 0.01
B11184	< 2	< 5	< 5	1.25	< 0.01	< 0.001	0.76	0.015	0.43	< 0.005	8.77	< 0.1	< 0.01	21.2	0.13	0.143	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
B11185	< 2	< 5	< 5	1.19	< 0.01	< 0.001	0.75	0.014	0.41	< 0.005	8.58	< 0.1	< 0.01	21.2	0.13	0.143	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
B11186	< 2	< 5	< 5	1.13	< 0.01	< 0.001	1.11	0.013	0.43	< 0.005	7.64	< 0.1	< 0.01	21.4	0.11	0.149	< 0.01	< 0.01	< 0.01	17.9	0.07	< 0.005	< 0.01
B11187	< 2	5	< 5	1.14	< 0.01	< 0.001	1.27	0.013	0.42	< 0.005	7.73	< 0.1	< 0.01	21.6	0.11	0.147	< 0.01	< 0.01	< 0.01	18.2	0.07	< 0.005	< 0.01
B11188	< 2	< 5	< 5	1.24	< 0.01	< 0.001	0.65	0.014	0.40	< 0.005	8.38	< 0.1	< 0.01	21.7	0.13	0.145	< 0.01	0.03	< 0.01	17.2	0.07	< 0.005	< 0.01
B11189	< 2	6	< 5	1.18	< 0.01	< 0.001	0.85	0.014	0.41	< 0.005	7.85	< 0.1	< 0.01	21.6	0.13	0.144	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
B11190	< 2	< 5	< 5	1.22	< 0.01	< 0.001	0.63	0.015	0.41	< 0.005	8.90	< 0.1	< 0.01	21.5	0.13	0.138	< 0.01	< 0.01	< 0.01	17.2	0.06	0.022	< 0.01
B11191	< 2	< 5	< 5	1.16	< 0.01	< 0.001	0.95	0.015	0.37	< 0.005	9.87	< 0.1	< 0.01	21.0	0.12	0.139	< 0.01	< 0.01	< 0.01	16.9	0.06	< 0.005	< 0.01
B11192	12	< 5	< 5	0.33	< 0.01	< 0.001	0.23	0.009	0.10	< 0.005	3.95	< 0.1	< 0.01	25.5	0.06	0.288	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
B11193	< 2	< 5	< 5	1.11	< 0.01	< 0.001	0.66	0.013	0.43	< 0.005	7.55	< 0.1	< 0.01	22.0	0.13	0.149	< 0.01	< 0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
B11194	< 2	< 5	< 5	1.10	< 0.01	< 0.001	0.70	0.014	0.45	< 0.005	7.85	< 0.1	< 0.01	21.7	0.14	0.159	< 0.01	< 0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
B11195	< 2	< 5	< 5	1.05	< 0.01	< 0.001	0.72	0.013	0.48	< 0.005	7.16	< 0.1	< 0.01	22.2	0.14	0.166	< 0.01	< 0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
B11196	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.41	0.014	0.49	< 0.005	8.31	< 0.1	< 0.01	21.8	0.14	0.175	< 0.01	0.01	< 0.01	17.5	0.05	0.007	< 0.01
B11197	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.27	0.014	0.50	< 0.005	8.21	< 0.1	< 0.01	21.9	0.14	0.186	< 0.01	< 0.01	< 0.01	17.3	0.05	< 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			0.06	0.013	1.60	< 0.005				30.8	0.08	0.389	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.123	13.6					3.24		7.42		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.28		2.38			3.09	8.07			0.03			2.06	12.9		17.0		0.112	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.01	< 0.005	< 0.01	0.08	< 0.01	41.2	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											44.4				0.27					4.58	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.011		0.432							0.19	34.0		0.27			56.4
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				0.14	0.10			0.030		22.1	31.0			0.71	< 0.01		0.71	35.5	0.01				2.98
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	4720	1910	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1850	1780	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11172 Orig	< 2	< 5	6																				
B11172 Dup	< 2	< 5	< 5																				
B11178 Orig				1.13	< 0.01	< 0.001	0.70	0.014	0.48	< 0.005	7.90	< 0.1	< 0.01	21.7	0.13	0.177	< 0.01	0.01	< 0.01	18.2	0.06	< 0.005	< 0.01
B11178 Dup				1.11	< 0.01	< 0.001	0.64	0.014	0.48	< 0.005	7.97	< 0.1	< 0.01	21.9	0.13	0.174	< 0.01	0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
B11182 Orig	< 2	< 5	< 5																				
B11182 Dup	< 2	< 5	7																				

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
B11184 Orig				1.26	< 0.01	< 0.001	0.76	0.014	0.43	< 0.005	8.76	< 0.1	< 0.01	21.2	0.13	0.142	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
B11184 Dup				1.25	< 0.01	< 0.001	0.77	0.015	0.44	< 0.005	8.77	< 0.1	< 0.01	21.2	0.13	0.144	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
B11193 Orig	< 2	< 5	< 5																				
B11193 Dup	< 2	< 5	< 5																				
B11197 Orig				0.98	< 0.01	< 0.001	0.28	0.014	0.50	< 0.005	8.22	< 0.1	< 0.01	21.9	0.14	0.185	< 0.01	< 0.01	< 0.01	17.4	0.05	< 0.005	< 0.01
B11197 Dup				0.98	< 0.01	< 0.001	0.26	0.014	0.51	< 0.005	8.21	< 0.1	< 0.01	21.9	0.14	0.186	< 0.01	< 0.01	< 0.01	17.3	0.05	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03684**
Report Date: **02-Apr-20**
Date Submitted: **09-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-30 11:59:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	

REPORT **A20-03684**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0976732	< 2	6	< 5	0.24	< 0.01	< 0.001	0.03	0.012	0.72	< 0.005	5.28	< 0.1	< 0.01	25.5	0.08	0.276	< 0.01	0.04	< 0.01	16.3	0.01	< 0.005	< 0.01
A0976733	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.02	0.014	0.83	< 0.005	6.06	< 0.1	< 0.01	24.9	0.08	0.328	< 0.01	0.06	< 0.01	15.9	0.01	< 0.005	< 0.01
A0976734	< 2	6	12	0.31	< 0.01	< 0.001	0.07	0.014	0.87	< 0.005	6.35	< 0.1	< 0.01	24.6	0.08	0.340	< 0.01	0.07	< 0.01	16.0	0.01	< 0.005	< 0.01
A0976735	5	< 5	16	0.29	< 0.01	< 0.001	0.03	0.012	0.84	< 0.005	5.86	< 0.1	< 0.01	24.9	0.08	0.343	< 0.01	0.07	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976736	3	< 5	10	0.26	< 0.01	< 0.001	0.04	0.013	0.88	< 0.005	5.83	< 0.1	< 0.01	24.8	0.08	0.333	< 0.01	0.07	< 0.01	16.0	0.01	< 0.005	< 0.01
A0976737	4	< 5	14	0.28	< 0.01	< 0.001	0.05	0.013	0.85	< 0.005	5.72	< 0.1	< 0.01	25.1	0.08	0.315	< 0.01	0.06	< 0.01	16.3	0.01	< 0.005	< 0.01
A0976738	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.03	0.013	0.82	< 0.005	5.72	< 0.1	< 0.01	24.9	0.08	0.323	< 0.01	0.06	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976739	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.07	0.014	0.79	< 0.005	6.28	< 0.1	< 0.01	24.7	0.08	0.295	< 0.01	0.06	< 0.01	16.0	0.01	< 0.005	< 0.01
A0976740	< 2	< 5	< 5	7.32	< 0.01	< 0.001	3.99	0.002	0.02	< 0.005	3.17	1.8	< 0.01	1.97	0.05	0.013	< 0.01	0.03	< 0.01	29.6	0.29	< 0.005	< 0.01
A0976741	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.09	0.014	0.80	< 0.005	6.57	< 0.1	< 0.01	25.0	0.09	0.306	< 0.01	0.07	< 0.01	15.9	0.01	< 0.005	< 0.01
A0976742	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.04	0.014	0.85	0.005	5.69	< 0.1	< 0.01	25.2	0.08	0.308	< 0.01	0.06	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976743	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.09	0.013	0.78	< 0.005	6.02	< 0.1	< 0.01	25.0	0.09	0.281	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976744	3	< 5	< 5	0.29	< 0.01	< 0.001	0.07	0.014	0.74	< 0.005	7.22	< 0.1	< 0.01	24.3	0.08	0.292	< 0.01	0.05	< 0.01	15.8	0.01	< 0.005	< 0.01
A0976745	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.07	0.012	0.78	< 0.005	4.89	< 0.1	< 0.01	25.1	0.07	0.290	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0976746	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.04	0.012	0.76	< 0.005	5.49	< 0.1	< 0.01	25.3	0.08	0.298	< 0.01	0.03	< 0.01	16.3	0.01	< 0.005	< 0.01
A0976747	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.06	0.013	0.76	< 0.005	5.67	< 0.1	< 0.01	25.0	0.07	0.294	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0976748	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.06	0.013	0.77	< 0.005	5.67	< 0.1	< 0.01	25.2	0.07	0.293	< 0.01	0.04	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976749	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.08	0.013	0.78	< 0.005	5.19	< 0.1	< 0.01	25.5	0.07	0.300	< 0.01	0.04	< 0.01	16.7	0.01	< 0.005	< 0.01
A0976750	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.06	0.012	0.74	< 0.005	5.90	< 0.1	< 0.01	25.1	0.07	0.297	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0976751	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.09	0.015	0.77	< 0.005	4.47	< 0.1	< 0.01	25.3	0.07	0.298	< 0.01	0.03	< 0.01	17.2	< 0.01	< 0.005	< 0.01
A0976752	3	< 5	< 5	0.69	< 0.01	< 0.001	0.08	0.012	0.76	< 0.005	6.37	< 0.1	< 0.01	24.0	0.06	0.289	< 0.01	0.05	< 0.01	16.9	0.01	< 0.005	< 0.01
A0976753	< 2	6	13	0.79	< 0.01	< 0.001	0.05	0.012	0.79	< 0.005	6.00	< 0.1	< 0.01	23.8	0.06	0.301	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976754	9	< 5	11	3.29	< 0.01	< 0.001	3.29	0.008	0.31	0.015	4.16	< 0.1	< 0.01	20.3	0.07	0.126	< 0.01	0.03	< 0.01	17.7	0.10	< 0.005	< 0.01
A0976755	< 2	< 5	< 5	0.70	< 0.01	< 0.001	0.18	0.012	0.72	< 0.005	5.05	< 0.1	< 0.01	25.3	0.07	0.282	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0976756	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.03	0.012	0.73	< 0.005	5.40	< 0.1	< 0.01	25.3	0.07	0.274	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01
A0976757	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.12	0.011	0.69	< 0.005	4.99	< 0.1	< 0.01	24.2	0.07	0.251	< 0.01	0.02	< 0.01	16.7	0.10	< 0.005	< 0.01
A0976758	11	< 5	< 5	0.34	< 0.01	< 0.001	0.20	0.010	0.10	< 0.005	3.97	< 0.1	< 0.01	25.5	0.06	0.291	< 0.01	0.05	< 0.01	16.4	0.02	< 0.005	< 0.01
A0976759	< 2	< 5	< 5	0.31	< 0.01	< 0.001	< 0.01	0.011	0.74	< 0.005	5.22	< 0.1	< 0.01	25.7	0.07	0.274	< 0.01	0.02	< 0.01	16.7	0.01	< 0.005	< 0.01
A0976760	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.03	0.012	0.68	< 0.005	7.48	< 0.1	< 0.01	24.6	0.07	0.293	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01
A0976761	< 2	< 5	< 5	0.27	< 0.01	< 0.001	< 0.01	0.013	0.78	< 0.005	4.93	< 0.1	< 0.01	25.5	0.07	0.291	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976762	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.02	0.014	0.74	< 0.005	5.42	< 0.1	< 0.01	25.6	0.08	0.298	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976763	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.07	0.014	0.76	< 0.005	6.05	< 0.1	< 0.01	24.8	0.08	0.297	< 0.01	0.03	< 0.01	16.5	0.01	< 0.005	< 0.01
A0976764	3	< 5	< 5	0.29	< 0.01	< 0.001	0.02	0.012	0.64	< 0.005	4.76	< 0.1	< 0.01	25.7	0.07	0.279	< 0.01	0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0976765	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.01	0.013	0.76	< 0.005	5.66	< 0.1	< 0.01	25.1	0.08	0.301	< 0.01	0.02	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0976766	3	< 5	< 5	0.23	< 0.01	< 0.001	0.04	0.014	0.72	< 0.005	5.85	< 0.1	< 0.01	25.4	0.08	0.295	< 0.01	0.04	< 0.01	16.2	0.01	< 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
PTM-1a Meas					0.22			2.06		24.6						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.09	0.013	1.59	< 0.005				30.1	0.08	0.384	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.17	0.123	13.6					3.22		7.20		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.29		2.49			3.11	8.13			0.03			2.12	13.5		17.0		0.109	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.07	< 0.01	42.5	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.7				0.27					4.49	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.094																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.104																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.03			0.010		0.413							0.18	33.7		0.27			55.9
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	0.11			0.031		22.7	31.3			0.72	< 0.01		0.71	35.4	0.01				2.91
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	4600	1920	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1890	1550	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30	1840	1560	206																				

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																				
A0976737 Orig				0.28	< 0.01	< 0.001	0.05	0.013	0.86	< 0.005	5.72	< 0.1	< 0.01	25.1	0.08	0.314	< 0.01	0.05	< 0.01	16.4	0.01	< 0.005	< 0.01
A0976737 Dup				0.28	< 0.01	< 0.001	0.05	0.013	0.84	< 0.005	5.71	< 0.1	< 0.01	25.0	0.08	0.316	< 0.01	0.06	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976741 Orig	< 2	< 5	< 5																				
A0976741 Dup	< 2	< 5	< 5																				
A0976745 Orig				0.28	< 0.01	< 0.001	0.07	0.012	0.78	< 0.005	4.90	< 0.1	< 0.01	25.3	0.08	0.296	< 0.01	0.05	< 0.01	16.7	0.01	< 0.005	< 0.01
A0976745 Dup				0.28	< 0.01	< 0.001	0.07	0.012	0.78	< 0.005	4.89	< 0.1	< 0.01	25.0	0.07	0.283	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01
A0976751 Orig	< 2	< 5	< 5																				
A0976751 Dup	< 2	< 5	< 5																				
A0976760 Orig				0.30	< 0.01	< 0.001	0.02	0.013	0.67	< 0.005	7.54	< 0.1	< 0.01	24.6	0.07	0.302	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	< 0.01
A0976760 Dup				0.31	< 0.01	< 0.001	0.04	0.012	0.68	< 0.005	7.43	< 0.1	< 0.01	24.7	0.07	0.284	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01
A0976761 Orig	< 2	< 5	< 5																				
A0976761 Dup	< 2	< 5	< 5																				
A0976766 Orig				0.23	< 0.01	< 0.001	0.04	0.014	0.72	< 0.005	5.79	< 0.1	< 0.01	25.3	0.08	0.298	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976766 Dup				0.23	< 0.01	< 0.001	0.05	0.014	0.72	< 0.005	5.91	< 0.1	< 0.01	25.4	0.08	0.292	< 0.01	0.04	< 0.01	16.3	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.: **A20-03686**
Report Date: **02-Apr-20**
Date Submitted: **09-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-30 11:59:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	

REPORT **A20-03686**

Notes:

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	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
A0976767	3	< 5	< 5	0.34	< 0.01	< 0.001	0.06	0.012	0.85	< 0.005	6.16	< 0.1	< 0.01	25.0	0.08	0.341	< 0.01	0.07	< 0.01	16.0	0.02	< 0.005	< 0.01
A0976768	62	< 5	20	0.24	< 0.01	< 0.001	0.04	0.012	0.71	< 0.005	5.28	< 0.1	< 0.01	25.6	0.08	0.269	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0976769	< 2	< 5	< 5	7.18	< 0.01	< 0.001	3.75	0.002	0.01	< 0.005	3.32	2.2	< 0.01	1.95	0.06	0.007	< 0.01	0.01	< 0.01	29.5	0.32	< 0.005	< 0.01
A0976770	4	< 5	< 5	0.23	< 0.01	< 0.001	0.04	0.012	0.74	< 0.005	5.38	< 0.1	< 0.01	25.7	0.08	0.291	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0976771	< 2	6	6	0.23	< 0.01	< 0.001	0.02	0.013	0.76	< 0.005	5.37	< 0.1	< 0.01	25.5	0.07	0.286	< 0.01	0.03	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0976772	2	6	9	0.22	< 0.01	< 0.001	0.07	0.012	0.74	< 0.005	5.00	< 0.1	< 0.01	25.7	0.07	0.281	< 0.01	0.04	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976773	< 2	6	8	0.27	< 0.01	< 0.001	0.04	0.013	0.76	0.006	4.63	< 0.1	< 0.01	26.0	0.07	0.291	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0976774	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.06	0.013	0.77	0.008	4.61	< 0.1	< 0.01	25.9	0.08	0.289	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0976775	5	13	< 5	0.25	< 0.01	< 0.001	0.09	0.014	0.68	0.011	6.38	< 0.1	< 0.01	25.1	0.08	0.304	< 0.01	0.05	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976776	34	7	16	0.26	< 0.01	< 0.001	0.02	0.014	0.74	0.014	4.61	< 0.1	< 0.01	25.9	0.07	0.294	< 0.01	0.05	< 0.01	16.6	0.01	< 0.005	< 0.01
A0976777	2	< 5	5	0.26	< 0.01	< 0.001	0.07	0.016	0.75	0.017	5.97	< 0.1	< 0.01	25.2	0.08	0.295	< 0.01	0.04	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976778	17	22	< 5	0.24	< 0.01	< 0.001	0.03	0.012	0.69	0.015	5.49	< 0.1	< 0.01	25.1	0.07	0.285	< 0.01	0.04	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976779	3	< 5	< 5	0.22	< 0.01	< 0.001	0.04	0.013	0.69	0.007	5.53	< 0.1	< 0.01	25.4	0.08	0.287	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01
A0976780	30	< 5	< 5	0.21	< 0.01	< 0.001	0.06	0.012	0.66	0.008	4.92	< 0.1	< 0.01	25.7	0.08	0.294	< 0.01	0.03	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0976781	3	< 5	< 5	0.21	< 0.01	< 0.001	0.04	0.012	0.63	< 0.005	4.69	< 0.1	< 0.01	25.8	0.07	0.281	< 0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976782	3	< 5	< 5	0.23	< 0.01	< 0.001	0.04	0.014	0.62	0.007	6.93	< 0.1	< 0.01	24.8	0.08	0.295	< 0.01	0.04	< 0.01	15.9	0.01	< 0.005	< 0.01
A0976783	2	< 5	< 5	0.24	< 0.01	< 0.001	0.05	0.014	0.63	0.024	7.23	< 0.1	< 0.01	24.8	0.07	0.275	< 0.01	0.04	< 0.01	16.0	0.01	< 0.005	< 0.01
A0976784	4	< 5	7	0.21	< 0.01	< 0.001	0.04	0.013	0.59	0.017	5.71	< 0.1	< 0.01	25.5	0.07	0.276	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01
A0976785	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.04	0.012	0.62	0.007	4.81	< 0.1	< 0.01	25.9	0.07	0.285	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976786	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.02	0.013	0.60	< 0.005	5.06	< 0.1	< 0.01	25.8	0.07	0.284	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0976787	3	< 5	< 5	0.25	< 0.01	< 0.001	0.06	0.018	0.56	0.005	7.59	< 0.1	< 0.01	24.7	0.07	0.278	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0976788	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.06	0.011	0.55	0.005	4.88	< 0.1	< 0.01	26.0	0.07	0.287	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0976789	10	5	< 5	0.25	< 0.01	< 0.001	0.06	0.016	0.58	0.038	5.71	< 0.1	< 0.01	25.5	0.08	0.293	< 0.01	0.04	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0976790	13	34	< 5	0.24	< 0.01	< 0.001	0.06	0.012	0.54	0.027	5.42	< 0.1	< 0.01	25.8	0.08	0.321	< 0.01	0.03	< 0.01	16.3	0.01	< 0.005	< 0.01
A0976791	13	5	< 5	0.34	< 0.01	< 0.001	0.24	0.009	0.11	< 0.005	3.93	< 0.1	< 0.01	25.5	0.06	0.288	< 0.01	0.07	< 0.01	16.7	0.02	< 0.005	< 0.01
A0976792	2	< 5	< 5	0.20	< 0.01	< 0.001	0.02	0.011	0.48	0.006	5.25	< 0.1	< 0.01	25.8	0.07	0.287	< 0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976793	3	6	< 5	0.19	< 0.01	< 0.001	0.03	0.009	0.49	< 0.005	5.24	< 0.1	< 0.01	25.9	0.07	0.282	< 0.01	0.03	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976794	2	< 5	< 5	0.20	< 0.01	< 0.001	0.02	0.011	0.44	< 0.005	5.24	< 0.1	< 0.01	25.9	0.07	0.284	< 0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976795	3	< 5	< 5	0.19	< 0.01	< 0.001	0.04	0.012	0.45	< 0.005	5.50	< 0.1	< 0.01	25.6	0.07	0.286	< 0.01	0.02	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976796	4	< 5	< 5	0.24	< 0.01	< 0.001	0.06	0.017	0.44	0.023	5.59	< 0.1	< 0.01	25.7	0.08	0.293	< 0.01	0.04	< 0.01	16.9	0.01	< 0.005	< 0.01
A0976797	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.02	0.011	0.44	0.008	4.20	< 0.1	< 0.01	26.3	0.07	0.279	< 0.01	0.03	< 0.01	17.2	< 0.01	< 0.005	< 0.01
A0976798	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.02	0.012	0.41	0.009	7.10	< 0.1	< 0.01	24.9	0.08	0.267	< 0.01	0.03	< 0.01	16.2	0.02	< 0.005	< 0.01
A0976799	4	< 5	< 5	0.29	< 0.01	< 0.001	0.06	0.010	0.41	0.007	4.81	< 0.1	< 0.01	25.7	0.07	0.281	< 0.01	0.01	< 0.01	17.0	0.05	< 0.005	< 0.01
A0976800	3	< 5	< 5	0.28	< 0.01	< 0.001	0.07	0.010	0.38	< 0.005	5.11	< 0.1	< 0.01	25.5	0.07	0.280	< 0.01	< 0.01	< 0.01	16.8	0.04	< 0.005	< 0.01
A0976801	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.05	0.011	0.37	< 0.005	4.52	< 0.1	< 0.01	26.1	0.07	0.278	< 0.01	< 0.01	< 0.01	17.0	0.01	< 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
PTM-1a Meas					0.22			2.06		24.6						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.09	0.013	1.59	< 0.005				30.1	0.08	0.384	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.17	0.123	13.6					3.22		7.20		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.29		2.49			3.11	8.13			0.03			2.12	13.5		17.0		0.109	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.07	< 0.01	42.5	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.7				0.27					4.49	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.094																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.104																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.03			0.010		0.413							0.18	33.7		0.27			55.9
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	0.11			0.031		22.7	31.3			0.72	< 0.01		0.71	35.4	0.01				2.91
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	1840	1680	238																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1890	1700	228																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0976776 Orig	40	7	19																				

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
A0976776 Dup	29	7	12																				
A0976782 Orig				0.23	< 0.01	< 0.001	0.04	0.014	0.62	0.007	6.92	< 0.1	< 0.01	24.7	0.07	0.296	< 0.01	0.05	< 0.01	15.9	0.01	< 0.005	< 0.01
A0976782 Dup				0.23	< 0.01	< 0.001	0.04	0.014	0.62	0.006	6.94	< 0.1	< 0.01	24.9	0.08	0.294	< 0.01	0.04	< 0.01	15.9	0.01	< 0.005	< 0.01
A0976786 Orig	3	< 5	< 5																				
A0976786 Dup	< 2	< 5	< 5																				
A0976788 Orig				0.21	< 0.01	< 0.001	0.04	0.011	0.57	0.005	4.91	< 0.1	< 0.01	26.1	0.07	0.291	< 0.01	0.02	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976788 Dup				0.20	< 0.01	< 0.001	0.07	0.011	0.53	0.006	4.86	< 0.1	< 0.01	25.8	0.07	0.284	< 0.01	0.03	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0976796 Orig	4	< 5	< 5																				
A0976796 Dup	3	< 5	5																				
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.: **A20-03687**
Report Date: **02-Apr-20**
Date Submitted: **09-Mar-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-03-30 11:59:30
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	

REPORT **A20-03687**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0976802	11	< 5	< 5	0.22	< 0.01	< 0.001	< 0.01	0.013	0.40	< 0.005	5.43	< 0.1	< 0.01	25.9	0.07	0.280	< 0.01	0.02	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976803	< 2	< 5	11	0.22	< 0.01	< 0.001	< 0.01	0.011	0.42	< 0.005	4.11	< 0.1	< 0.01	26.5	0.07	0.294	< 0.01	< 0.01	< 0.01	16.9	0.01	< 0.005	< 0.01
A0976804	< 2	< 5	< 5	0.18	< 0.01	< 0.001	0.01	0.015	0.40	< 0.005	4.81	< 0.1	< 0.01	26.4	0.07	0.292	< 0.01	< 0.01	< 0.01	16.8	< 0.01	< 0.005	< 0.01
A0976805	< 2	< 5	< 5	7.94	< 0.01	< 0.001	4.01	0.002	< 0.01	< 0.005	3.55	1.5	< 0.01	1.89	0.07	0.007	< 0.01	0.04	< 0.01	29.2	0.31	< 0.005	< 0.01
A0976806	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.04	0.010	0.43	< 0.005	4.86	< 0.1	< 0.01	26.0	0.07	0.288	< 0.01	< 0.01	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976807	2	< 5	< 5	0.19	< 0.01	< 0.001	< 0.01	0.012	0.49	< 0.005	4.79	< 0.1	< 0.01	26.3	0.07	0.288	< 0.01	0.01	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976808	4	< 5	6	0.19	< 0.01	< 0.001	< 0.01	0.013	0.49	< 0.005	4.85	< 0.1	< 0.01	26.1	0.07	0.291	< 0.01	< 0.01	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976809	4	< 5	< 5	0.24	< 0.01	< 0.001	0.02	0.014	0.50	< 0.005	5.56	< 0.1	< 0.01	25.7	0.07	0.287	< 0.01	0.03	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976810	136	110	20	0.22	< 0.01	< 0.001	0.02	0.011	0.57	< 0.005	5.20	< 0.1	< 0.01	25.6	0.07	0.286	< 0.01	0.01	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976811	2	< 5	< 5	0.22	< 0.01	< 0.001	< 0.01	0.011	0.55	< 0.005	4.96	< 0.1	< 0.01	26.1	0.07	0.282	< 0.01	< 0.01	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0976812	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.02	0.011	0.53	< 0.005	5.39	< 0.1	< 0.01	25.8	0.07	0.279	< 0.01	< 0.01	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0976813	4	< 5	5	0.24	< 0.01	< 0.001	0.03	0.012	0.54	0.025	5.34	< 0.1	< 0.01	25.7	0.07	0.276	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
A0976814	11	< 5	< 5	0.34	< 0.01	< 0.001	0.21	0.009	0.10	< 0.005	3.90	< 0.1	< 0.01	25.5	0.06	0.281	< 0.01	0.05	< 0.01	16.7	0.02	< 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
PTM-1a Meas					0.22			2.06		24.6						47.4		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.65														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.09	0.013	1.59	< 0.005				30.1	0.08	0.384	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.17	0.123	13.6					3.22		7.20		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.29		2.49			3.11	8.13			0.03			2.12	13.5		17.0		0.109	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.07	< 0.01	42.5	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.7				0.27					4.49	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.094																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.104																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.03			0.010		0.413							0.18	33.7		0.27			55.9
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	0.11			0.031		22.7	31.3			0.72	< 0.01		0.71	35.4	0.01				2.91
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	4600	1920	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1890	1550	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30	1840	1560	206																				

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																				
A0976806 Orig	3	< 5	< 5																				
A0976806 Dup	< 2	< 5	< 5																				
A0976808 Orig				0.19	< 0.01	< 0.001	< 0.01	0.013	0.49	< 0.005	4.88	< 0.1	< 0.01	26.2	0.07	0.293	< 0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0976808 Dup				0.19	< 0.01	< 0.001	< 0.01	0.013	0.48	< 0.005	4.82	< 0.1	< 0.01	26.1	0.07	0.289	< 0.01	< 0.01	< 0.01	16.7	< 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.: **A20-03733**
Report Date: **27-Apr-20**
Date Submitted: **27-Mar-20**
Your Reference: **Crawford (CR20-C-A108)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-04-15 14:36:54

REPORT **A20-03733**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-03733**
Report Date: **27-Apr-20**
Date Submitted: **27-Mar-20**
Your Reference: **Crawford (CR20-C-A108)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-04-22 11:01:41

REPORT **A20-03733**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
A0970371	8.50	< 0.01	< 0.001	4.65	0.003	< 0.01	< 0.005	3.53	1.6	< 0.01	0.62	0.05	< 0.005	< 0.01	< 0.01	< 0.01	29.0	0.35	< 0.005	< 0.01	3	< 5	< 5
A0970372	11.3	< 0.01	< 0.001	9.38	0.004	< 0.01	0.009	4.35	2.9	< 0.01	1.29	0.07	0.009	< 0.01	< 0.01	< 0.01	20.9	0.47	< 0.005	< 0.01	5	< 5	< 5
A0970373	4.27	< 0.01	< 0.001	7.08	0.007	0.22	< 0.005	5.88	0.8	< 0.01	11.9	0.11	0.077	< 0.01	< 0.01	< 0.01	21.4	0.25	< 0.005	< 0.01	< 2	10	5
A0970374	2.80	< 0.01	< 0.001	6.37	0.008	0.32	< 0.005	5.84	< 0.1	< 0.01	14.1	0.12	0.147	< 0.01	< 0.01	< 0.01	22.6	0.16	< 0.005	< 0.01	< 2	7	13
A0970375	2.21	< 0.01	< 0.001	4.32	0.010	0.41	< 0.005	6.69	< 0.1	< 0.01	16.4	0.12	0.135	< 0.01	< 0.01	< 0.01	17.0	0.12	< 0.005	< 0.01	< 2	< 5	< 5
A0970376	2.00	< 0.01	< 0.001	3.66	0.009	0.43	< 0.005	6.75	< 0.1	< 0.01	17.5	0.12	0.139	< 0.01	< 0.01	< 0.01	17.1	0.10	< 0.005	< 0.01	< 2	< 5	10
A0970377	1.89	< 0.01	< 0.001	1.76	0.011	0.52	< 0.005	7.49	< 0.1	< 0.01	19.3	0.10	0.169	< 0.01	< 0.01	< 0.01	18.3	0.11	< 0.005	< 0.01	< 2	< 5	< 5
A0970378	1.77	< 0.01	< 0.001	1.99	0.011	0.49	< 0.005	7.49	< 0.1	< 0.01	19.4	0.12	0.163	< 0.01	< 0.01	< 0.01	17.8	0.10	< 0.005	< 0.01	< 2	< 5	5
A0970379	1.59	< 0.01	< 0.001	2.52	0.011	0.47	< 0.005	7.26	< 0.1	< 0.01	19.2	0.12	0.161	< 0.01	< 0.01	< 0.01	17.1	0.09	< 0.005	< 0.01	< 2	< 5	6
A0970380	1.57	< 0.01	< 0.001	2.66	0.011	0.48	0.009	7.51	< 0.1	< 0.01	19.6	0.12	0.162	< 0.01	< 0.01	< 0.01	17.0	0.09	< 0.005	< 0.01	< 2	< 5	< 5
A0970381	1.46	< 0.01	< 0.001	2.63	0.011	0.46	< 0.005	7.32	< 0.1	< 0.01	19.6	0.13	0.157	< 0.01	< 0.01	< 0.01	16.6	0.09	< 0.005	< 0.01	< 2	< 5	< 5
A0970382	1.56	< 0.01	< 0.001	1.49	0.012	0.53	< 0.005	8.13	< 0.1	< 0.01	19.7	0.12	0.174	< 0.01	< 0.01	< 0.01	17.3	0.09	< 0.005	0.01	< 2	< 5	< 5
A0970383	0.32	< 0.01	< 0.001	0.17	0.009	0.10	< 0.005	4.06	< 0.1	< 0.01	26.0	0.06	0.286	< 0.01	0.06	< 0.01	17.0	0.02	< 0.005	< 0.01	13	< 5	< 5
A0970384	1.50	< 0.01	< 0.001	2.09	0.011	0.51	< 0.005	7.67	< 0.1	< 0.01	20.1	0.14	0.169	< 0.01	< 0.01	< 0.01	17.1	0.08	< 0.005	< 0.01	< 2	6	21
A0970385	1.45	< 0.01	< 0.001	1.65	0.012	0.50	< 0.005	7.88	< 0.1	< 0.01	20.3	0.13	0.168	< 0.01	< 0.01	< 0.01	17.1	0.08	< 0.005	< 0.01	< 2	< 5	11
A0970386	1.40	< 0.01	< 0.001	1.47	0.012	0.51	< 0.005	8.04	0.1	< 0.01	20.2	0.14	0.169	< 0.01	< 0.01	< 0.01	17.1	0.08	< 0.005	< 0.01	< 2	< 5	< 5
A0970387	1.38	< 0.01	< 0.001	1.09	0.012	0.51	< 0.005	8.12	0.1	< 0.01	20.9	0.14	0.173	< 0.01	0.01	< 0.01	17.6	0.08	< 0.005	< 0.01	< 2	< 5	9
A0970388	1.42	< 0.01	< 0.001	1.41	0.012	0.51	< 0.005	7.67	< 0.1	< 0.01	20.8	0.13	0.173	< 0.01	< 0.01	< 0.01	17.3	0.08	< 0.005	< 0.01	< 2	< 5	6
A0970389	7.06	< 0.01	< 0.001	5.37	< 0.002	0.02	< 0.005	2.87	2.2	< 0.01	1.19	0.05	< 0.005	< 0.01	0.02	< 0.01	29.1	0.24	< 0.005	< 0.01	< 2	< 5	< 5
A0970390	1.35	< 0.01	< 0.001	1.35	0.012	0.51	< 0.005	7.92	0.1	< 0.01	21.1	0.13	0.173	< 0.01	0.01	< 0.01	17.5	0.07	< 0.005	< 0.01	< 2	< 5	< 5
A0970391	1.29	< 0.01	< 0.001	0.69	0.013	0.53	< 0.005	7.90	< 0.1	< 0.01	21.7	0.13	0.179	< 0.01	< 0.01	< 0.01	17.5	0.08	< 0.005	< 0.01	< 2	< 5	< 5
A0970392	1.18	< 0.01	< 0.001	0.67	0.012	0.54	< 0.005	8.22	< 0.1	< 0.01	21.3	0.13	0.180	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	0.01	4	< 5	14
A0970393	1.20	< 0.01	< 0.001	1.13	0.013	0.56	< 0.005	8.14	< 0.1	< 0.01	21.6	0.14	0.177	< 0.01	< 0.01	< 0.01	16.9	0.06	< 0.005	< 0.01	< 2	7	< 5
A0970394	1.11	< 0.01	< 0.001	1.22	0.012	0.54	< 0.005	7.85	< 0.1	< 0.01	21.7	0.13	0.183	< 0.01	0.02	< 0.01	17.2	0.07	< 0.005	< 0.01	< 2	< 5	< 5
A0970395	1.11	< 0.01	< 0.001	1.23	0.012	0.53	< 0.005	7.84	< 0.1	< 0.01	21.8	0.13	0.181	< 0.01	0.01	< 0.01	17.3	0.07	< 0.005	< 0.01	< 2	< 5	< 5
A0970396	1.13	< 0.01	< 0.001	1.52	0.012	0.54	< 0.005	7.59	0.1	< 0.01	21.8	0.14	0.182	< 0.01	0.01	< 0.01	17.2	0.06	< 0.005	< 0.01	< 2	< 5	< 5
A0970397	1.15	< 0.01	< 0.001	0.92	0.013	0.51	< 0.005	7.89	0.2	< 0.01	22.1	0.13	0.186	< 0.01	0.01	< 0.01	17.7	0.06	< 0.005	< 0.01	4	< 5	< 5
A0970398	1.08	< 0.01	< 0.001	1.33	0.012	0.50	< 0.005	7.63	0.1	< 0.01	21.7	0.13	0.176	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01	9	< 5	< 5
A0970399	1.10	< 0.01	< 0.001	1.45	0.012	0.51	< 0.005	7.89	0.1	< 0.01	22.0	0.14	0.179	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	0.01	2	< 5	21
A0970400	1.10	< 0.01	< 0.001	0.85	0.013	0.52	< 0.005	8.07	0.1	< 0.01	22.8	0.13	0.182	< 0.01	< 0.01	< 0.01	17.9	0.06	< 0.005	< 0.01	< 2	< 5	< 5
A0970401	1.08	< 0.01	< 0.001	1.84	0.012	0.49	< 0.005	7.32	0.1	< 0.01	21.6	0.14	0.172	< 0.01	0.03	< 0.01	16.7	0.06	< 0.005	< 0.01	10	< 5	< 5
A0970402	1.04	< 0.01	< 0.001	1.23	0.013	0.51	< 0.005	7.66	< 0.1	< 0.01	22.1	0.14	0.180	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	< 0.01	< 2	< 5	< 5
A0970403	1.06	< 0.01	< 0.001	1.90	0.013	0.46	< 0.005	7.40	< 0.1	< 0.01	21.8	0.14	0.167	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	< 0.01	< 2	< 5	< 5
A0970404	1.08	< 0.01	< 0.001	1.63	0.013	0.45	< 0.005	7.68	< 0.1	< 0.01	21.5	0.11	0.168	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01	< 2	< 5	< 5
A0970405	0.99	< 0.01	< 0.001	2.08	0.013	0.45	< 0.005	7.79	< 0.1	< 0.01	21.1	0.12	0.154	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	0.01	< 2	7	< 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
PTM-1a Meas					0.21			2.06		24.3						47.2		22.8					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.62				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.67														3.63				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.19			0.04	0.013	1.60	< 0.005				31.5	0.08	0.389	< 0.01		< 0.01	19.2			< 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
DTS-2b Meas				0.22			0.08	0.014	1.56	< 0.005				30.6	0.08	0.384	< 0.01		< 0.01	18.5			< 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			0.057	0.18	0.124	13.9					3.25		7.53		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.123	13.8					3.26		7.54		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.26		2.60			3.12	8.26			0.02			2.10	13.6		17.2		0.111	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.31		2.62			3.22	8.32			0.02			2.10	13.6		17.8		0.109	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.6				0.27					4.55	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.27					4.52	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									< 0.005	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.015	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.087																	
NCS DC86313						1																	

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
Cert																							
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.04	0.04			0.010		0.419							0.18	33.6		0.29			56.4
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.04			0.010		0.417							0.18	34.3		0.28			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.10	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.83			0.54	0.003	< 0.01	0.220	5.71	2.6	< 0.01	1.59	0.09	< 0.005	< 0.01	0.37		30.9	0.43		0.03
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.12	0.11			0.032		22.8	32.5			0.74	< 0.01		0.72	35.7	0.01				3.01
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
CCU-1e Meas				0.14	0.10			0.031		22.8	31.2			0.73	< 0.01		0.70	36.4	< 0.01				2.90
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	1940	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2000	1730	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1780	1660	225																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1610	218																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970376 Orig				2.01	< 0.01	< 0.001	3.68	0.009	0.43	< 0.005	6.77	< 0.1	< 0.01	17.9	0.12	0.139	< 0.01	< 0.01	< 0.01	17.3	0.10	< 0.005	< 0.01
A0970376 Dup				1.99	< 0.01	< 0.001	3.64	0.009	0.43	< 0.005	6.74	< 0.1	< 0.01	17.2	0.12	0.138	< 0.01	< 0.01	< 0.01	16.9	0.10	< 0.005	< 0.01
A0970380 Orig	< 2	< 5	< 5																				
A0970380 Dup	< 2	< 5	< 5																				
A0970384 Orig				1.50	< 0.01	< 0.001	2.09	0.011	0.51	< 0.005	7.71	< 0.1	< 0.01	20.4	0.14	0.170	< 0.01	< 0.01	< 0.01	17.3	0.09	< 0.005	< 0.01
A0970384 Dup				1.50	< 0.01	< 0.001	2.08	0.011	0.50	< 0.005	7.63	< 0.1	< 0.01	19.8	0.14	0.168	< 0.01	< 0.01	< 0.01	16.9	0.08	< 0.005	< 0.01
A0970390 Orig	< 2	< 5	< 5																				
A0970390 Dup	< 2	< 5	8																				
A0970399 Orig				1.11	< 0.01	< 0.001	1.46	0.013	0.50	< 0.005	7.86	0.1	< 0.01	21.9	0.14	0.178	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	0.01
A0970399 Dup				1.09	< 0.01	< 0.001	1.43	0.012	0.51	< 0.005	7.93	0.1	< 0.01	22.1	0.14	0.179	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	0.01
A0970400 Orig	< 2	< 5	< 5																				
A0970400 Dup	< 2	< 5	< 5																				
A0970405 Orig				0.99	< 0.01	< 0.001	2.04	0.013	0.45	< 0.005	7.72	< 0.1	< 0.01	21.1	0.12	0.154	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	0.01
A0970405 Dup				0.99	< 0.01	< 0.001	2.11	0.013	0.45	< 0.005	7.85	< 0.1	< 0.01	21.2	0.12	0.155	< 0.01	< 0.01	< 0.01	17.1	0.06	< 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

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				< 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	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03734**
Report Date: **27-Apr-20**
Date Submitted: **27-Mar-20**
Your Reference: **Crawford (CR20-C-A109)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-04-21 13:46:45

REPORT **A20-03734**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-03734**
Report Date: **27-Apr-20**
Date Submitted: **27-Mar-20**
Your Reference: **Crawford (CR20-C-A109)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-04-22 11:01:41

REPORT **A20-03734**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0970406	< 2	< 5	< 5	1.12	< 0.01	< 0.001	1.50	0.013	0.42	< 0.005	8.01	< 0.1	< 0.01	21.4	0.14	0.153	< 0.01	0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
A0970407	< 2	< 5	< 5	1.15	< 0.01	< 0.001	1.23	0.013	0.43	< 0.005	7.95	< 0.1	< 0.01	21.4	0.14	0.147	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
A0970408	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.99	0.013	0.40	< 0.005	8.20	< 0.1	< 0.01	21.3	0.15	0.145	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01
A0970409	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.68	0.013	0.37	< 0.005	8.12	< 0.1	< 0.01	21.6	0.17	0.149	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0970410	< 2	< 5	< 5	10.4	< 0.01	< 0.001	2.16	< 0.002	< 0.01	< 0.005	1.76	3.0	< 0.01	1.04	0.03	< 0.005	< 0.01	0.04	< 0.01	28.1	0.09	< 0.005	< 0.01
A0970411	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.56	0.013	0.42	< 0.005	8.14	< 0.1	< 0.01	22.0	0.21	0.156	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0970412	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.44	0.013	0.44	< 0.005	8.28	< 0.1	< 0.01	21.9	0.21	0.159	< 0.01	0.02	< 0.01	16.9	0.06	< 0.005	< 0.01
A0970413	< 2	< 5	< 5	1.01	< 0.01	< 0.001	0.71	0.014	0.48	< 0.005	8.38	< 0.1	< 0.01	21.7	0.17	0.176	< 0.01	0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0970414	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.70	0.013	0.51	< 0.005	8.23	< 0.1	< 0.01	21.7	0.08	0.198	< 0.01	0.02	< 0.01	17.9	0.06	< 0.005	< 0.01
A0970415	< 2	< 5	< 5	0.91	< 0.01	< 0.001	1.36	0.013	0.51	< 0.005	7.97	< 0.1	< 0.01	21.3	0.11	0.198	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
A0970416	< 2	< 5	< 5	0.91	< 0.01	< 0.001	1.57	0.012	0.54	< 0.005	7.50	< 0.1	< 0.01	21.6	0.10	0.215	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0970417	< 2	< 5	< 5	0.87	< 0.01	< 0.001	1.37	0.011	0.57	< 0.005	6.75	< 0.1	< 0.01	21.8	0.10	0.206	< 0.01	0.04	< 0.01	17.9	0.05	< 0.005	< 0.01
A0970418	< 2	< 5	< 5	0.88	< 0.01	< 0.001	1.18	0.011	0.59	< 0.005	6.40	< 0.1	< 0.01	22.0	0.07	0.227	< 0.01	0.04	< 0.01	18.5	0.04	< 0.005	< 0.01
A0970419	< 2	7	7	3.35	< 0.01	< 0.001	4.48	0.011	0.38	< 0.005	7.34	< 0.1	< 0.01	17.7	0.15	0.128	< 0.01	< 0.01	< 0.01	15.7	0.19	< 0.005	< 0.01
A0970420	< 2	< 5	< 5	2.92	< 0.01	< 0.001	5.19	0.011	0.38	< 0.005	7.65	< 0.1	< 0.01	16.0	0.13	0.125	< 0.01	< 0.01	< 0.01	19.5	0.17	< 0.005	< 0.01
A0970421	< 2	5	6	2.33	< 0.01	< 0.001	7.62	0.010	0.33	< 0.005	7.08	< 0.1	< 0.01	15.2	0.13	0.111	< 0.01	0.01	< 0.01	17.9	0.13	< 0.005	< 0.01
A0970422	< 2	6	< 5	2.57	< 0.01	< 0.001	3.98	0.011	0.42	< 0.005	7.54	< 0.1	< 0.01	17.2	0.12	0.139	< 0.01	< 0.01	< 0.01	19.3	0.14	< 0.005	< 0.01
A0970423	< 2	8	10	2.38	< 0.01	< 0.001	5.88	0.010	0.40	< 0.005	6.73	< 0.1	< 0.01	16.5	0.11	0.137	< 0.01	0.02	< 0.01	18.3	0.12	< 0.005	< 0.01
A0970424	< 2	8	8	2.42	< 0.01	< 0.001	2.96	0.011	0.43	< 0.005	7.29	< 0.1	< 0.01	18.3	0.11	0.152	< 0.01	0.02	< 0.01	19.2	0.14	< 0.005	< 0.01
A0970425	< 2	9	< 5	2.09	< 0.01	< 0.001	2.22	0.011	0.45	< 0.005	7.34	< 0.1	< 0.01	19.0	0.10	0.155	< 0.01	0.02	< 0.01	18.5	0.11	< 0.005	< 0.01
A0970426	< 2	16	7	2.08	< 0.01	< 0.001	2.97	0.011	0.44	< 0.005	6.93	< 0.1	< 0.01	18.5	0.10	0.148	< 0.01	0.02	< 0.01	18.4	0.12	< 0.005	< 0.01
A0970427	10	< 5	< 5	0.32	< 0.01	< 0.001	0.20	0.009	0.10	< 0.005	4.03	< 0.1	< 0.01	25.8	0.06	0.283	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970428	< 2	23	9	1.76	< 0.01	< 0.001	4.12	0.010	0.38	0.011	6.26	< 0.1	< 0.01	18.9	0.10	0.130	< 0.01	< 0.01	< 0.01	16.9	0.08	< 0.005	< 0.01
A0970429	< 2	17	6	1.51	< 0.01	< 0.001	1.18	0.012	0.50	< 0.005	7.36	< 0.1	< 0.01	20.5	0.09	0.171	< 0.01	0.02	< 0.01	18.1	0.09	< 0.005	< 0.01
A0970430	< 2	< 5	7	1.43	< 0.01	< 0.001	2.30	0.012	0.47	0.008	6.89	< 0.1	< 0.01	19.9	0.10	0.161	< 0.01	0.02	< 0.01	16.9	0.08	< 0.005	< 0.01
A0970431	< 2	< 5	< 5	1.33	< 0.01	< 0.001	2.57	0.011	0.48	0.007	6.59	< 0.1	< 0.01	20.1	0.10	0.163	< 0.01	0.02	< 0.01	17.2	0.07	< 0.005	< 0.01
A0970432	< 2	< 5	< 5	1.29	< 0.01	< 0.001	2.01	0.012	0.48	0.005	6.91	< 0.1	< 0.01	20.3	0.10	0.164	< 0.01	0.02	< 0.01	17.4	0.07	< 0.005	< 0.01
A0970433	< 2	8	< 5	1.25	< 0.01	< 0.001	1.53	0.012	0.48	0.013	7.15	< 0.1	< 0.01	20.7	0.10	0.170	< 0.01	0.03	< 0.01	17.4	0.07	< 0.005	< 0.01
A0970434	< 2	14	< 5	1.26	< 0.01	< 0.001	1.62	0.012	0.49	< 0.005	6.95	< 0.1	< 0.01	20.9	0.11	0.168	< 0.01	0.03	< 0.01	17.5	0.07	< 0.005	< 0.01
A0970435	< 2	14	12	1.21	< 0.01	< 0.001	1.76	0.012	0.49	< 0.005	7.09	< 0.1	< 0.01	20.9	0.11	0.171	< 0.01	0.03	< 0.01	17.3	0.07	< 0.005	< 0.01
A0970436	< 2	< 5	< 5	1.16	< 0.01	< 0.001	1.91	0.012	0.49	< 0.005	6.84	< 0.1	< 0.01	21.0	0.11	0.169	< 0.01	0.03	< 0.01	17.4	0.07	< 0.005	< 0.01
A0970437	< 2	7	< 5	1.13	< 0.01	< 0.001	2.23	0.012	0.51	< 0.005	7.08	< 0.1	< 0.01	20.6	0.11	0.178	< 0.01	0.03	< 0.01	17.0	0.06	< 0.005	< 0.01
A0970438	< 2	8	6	1.11	< 0.01	< 0.001	2.20	0.012	0.51	< 0.005	7.10	< 0.1	< 0.01	20.7	0.11	0.180	< 0.01	0.04	< 0.01	16.8	0.06	< 0.005	< 0.01
A0970439	< 2	8	< 5	1.06	< 0.01	< 0.001	2.02	0.013	0.51	< 0.005	7.14	< 0.1	< 0.01	20.8	0.10	0.175	< 0.01	0.03	< 0.01	17.0	0.06	< 0.005	< 0.01
A0970440	< 2	8	< 5	0.96	< 0.01	< 0.001	3.02	0.012	0.49	< 0.005	6.97	< 0.1	< 0.01	20.4	0.13	0.170	< 0.01	0.03	< 0.01	15.4	0.06	< 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
PTM-1a Meas					0.21			2.10		24.5						49.0		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.52				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			0.08	0.013	1.56	< 0.005				31.3	0.08	0.385	< 0.01		< 0.01	19.4			< 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			0.057	0.18	0.121	14.1					3.27		7.50		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.123	14.1					3.24		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 77a (Fusion) Meas					0.01			0.159	0.08	0.404	32.6					10.0		24.6		5.82			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.136	12.5							20.2	0.01				18.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.52			3.18	8.19			0.03			2.07	13.6		17.1		0.107	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
OREAS 13b (fusion) Meas				8.54			5.84		1.08		8.58	2.3		2.97	0.13			1.14		23.7	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.05									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.81									< 0.005	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.090																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.04						0.125	6.99			0.07			64.8						6.13
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.04	0.03			0.010		0.420							0.18	34.0		0.28			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	
OREAS 621				6.77	< 0.01	< 0.001	2.08	0.003	< 0.01	0.371	3.90	2.2		0.51	0.06		1.34	4.38	0.01	28.6	0.18	< 0.005	5.25

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 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.16	0.10			0.031		22.7	32.9			0.72	< 0.01		0.71	35.3	0.01				2.98
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	1940	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2000	1730	234																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1780	1660	225																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1610	218																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970410 Orig	< 2	< 5	< 5																				
A0970410 Dup	< 2	< 5	< 5																				
A0970411 Orig				1.04	< 0.01	< 0.001	0.57	0.013	0.42	< 0.005	8.12	< 0.1	< 0.01	22.0	0.21	0.156	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0970411 Dup				1.07	< 0.01	< 0.001	0.54	0.014	0.43	< 0.005	8.16	< 0.1	< 0.01	22.0	0.21	0.157	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0970419 Orig				3.37	< 0.01	< 0.001	4.54	0.011	0.38	< 0.005	7.33	< 0.1	< 0.01	17.7	0.15	0.128	< 0.01	< 0.01	< 0.01	15.7	0.19	< 0.005	< 0.01
A0970419 Dup				3.32	< 0.01	< 0.001	4.42	0.011	0.38	< 0.005	7.35	< 0.1	< 0.01	17.8	0.15	0.128	< 0.01	< 0.01	< 0.01	15.7	0.19	< 0.005	< 0.01
A0970420 Orig	< 2	< 5	< 5																				
A0970420 Dup	< 2	< 5	< 5																				
A0970430 Orig	< 2	< 5	7																				
A0970430 Dup	< 2	16	7																				
A0970434 Orig				1.29	< 0.01	< 0.001	1.63	0.012	0.49	< 0.005	6.95	< 0.1	< 0.01	20.9	0.11	0.168	< 0.01	0.03	< 0.01	17.5	0.07	< 0.005	< 0.01
A0970434 Dup				1.23	< 0.01	< 0.001	1.61	0.012	0.49	< 0.005	6.95	< 0.1	< 0.01	21.0	0.11	0.167	< 0.01	0.03	< 0.01	17.5	0.07	< 0.005	< 0.01
A0970440 Orig				0.96	< 0.01	< 0.001	3.08	0.012	0.49	< 0.005	7.01	< 0.1	< 0.01	20.4	0.13	0.170	< 0.01	0.03	< 0.01	15.3	0.06	< 0.005	< 0.01
A0970440 Dup				0.97	< 0.01	< 0.001	2.97	0.012	0.48	< 0.005	6.94	< 0.1	< 0.01	20.4	0.13	0.170	< 0.01	0.02	< 0.01	15.4	0.06	< 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				0.17	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03915**
Report Date: **27-Apr-20**
Date Submitted: **02-Apr-20**
Your Reference: **Crawford (CR20-C-A110)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-04-24 08:53:38
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-04-17 14:40:14

REPORT **A20-03915**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970441	2	< 5	< 5	7.34	< 0.01	< 0.001	5.11	0.005	0.01	0.006	7.48	1.1	< 0.01	3.84	0.15	0.008	< 0.01	0.02	< 0.01	22.6	0.76	< 0.005	< 0.01
A0970442	< 2	7	6	0.95	< 0.01	< 0.001	1.66	0.012	0.52	< 0.005	7.22	< 0.1	< 0.01	21.4	0.13	0.173	< 0.01	0.02	< 0.01	16.9	0.06	< 0.005	< 0.01
A0970443	< 2	7	< 5	0.92	< 0.01	< 0.001	2.81	0.012	0.49	< 0.005	7.42	< 0.1	< 0.01	20.6	0.12	0.166	< 0.01	0.01	< 0.01	15.9	0.05	< 0.005	< 0.01
A0970444	< 2	6	13	1.08	< 0.01	< 0.001	2.10	0.012	0.49	< 0.005	6.99	< 0.1	< 0.01	21.0	0.09	0.166	< 0.01	< 0.01	< 0.01	16.9	0.06	< 0.005	< 0.01
A0970445	< 2	< 5	< 5	1.24	< 0.01	< 0.001	1.36	0.012	0.41	< 0.005	7.38	< 0.1	< 0.01	21.1	0.09	0.149	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
A0970446	< 2	< 5	< 5	1.15	< 0.01	< 0.001	1.95	0.012	0.45	< 0.005	7.14	< 0.1	< 0.01	20.9	0.11	0.150	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0970447	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.92	0.013	0.47	< 0.005	7.51	< 0.1	< 0.01	21.5	0.13	0.155	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0970448	11	< 5	< 5	0.33	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	3.94	< 0.1	< 0.01	26.0	0.06	0.285	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
A0970449	< 2	< 5	< 5	1.06	< 0.01	< 0.001	1.40	0.013	0.47	< 0.005	7.61	< 0.1	< 0.01	21.6	0.13	0.151	< 0.01	< 0.01	< 0.01	17.1	0.06	0.010	< 0.01
A0970450	< 2	< 5	< 5	1.02	< 0.01	< 0.001	1.10	0.012	0.50	< 0.005	6.89	< 0.1	< 0.01	22.0	0.12	0.161	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0970451	< 2	< 5	< 5	1.01	< 0.01	< 0.001	1.23	0.013	0.48	< 0.005	7.29	< 0.1	< 0.01	21.5	0.15	0.161	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0970452	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.90	0.013	0.46	< 0.005	7.81	< 0.1	< 0.01	21.9	0.11	0.155	< 0.01	< 0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
A0970453	< 2	6	5	1.08	< 0.01	< 0.001	1.49	0.012	0.46	< 0.005	6.93	< 0.1	< 0.01	21.8	0.09	0.158	< 0.01	< 0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
A0970454	< 2	< 5	< 5	1.02	< 0.01	< 0.001	2.27	0.011	0.43	< 0.005	7.21	< 0.1	< 0.01	21.2	0.12	0.149	< 0.01	< 0.01	< 0.01	16.6	0.05	< 0.005	< 0.01
A0970455	< 2	< 5	< 5	0.94	< 0.01	< 0.001	1.72	0.013	0.50	< 0.005	7.69	< 0.1	< 0.01	21.4	0.11	0.160	< 0.01	< 0.01	< 0.01	17.0	0.05	< 0.005	< 0.01
A0970456	< 2	< 5	< 5	0.85	< 0.01	< 0.001	2.26	0.013	0.59	< 0.005	7.59	< 0.1	< 0.01	21.2	0.12	0.172	< 0.01	< 0.01	< 0.01	16.3	0.05	< 0.005	< 0.01
A0970457	< 2	< 5	< 5	0.82	< 0.01	< 0.001	3.59	0.011	0.63	< 0.005	6.92	< 0.1	< 0.01	21.0	0.13	0.193	< 0.01	< 0.01	< 0.01	15.5	0.04	< 0.005	< 0.01
A0970458	< 2	< 5	< 5	0.81	< 0.01	< 0.001	2.81	0.011	0.62	< 0.005	6.99	< 0.1	< 0.01	21.4	0.14	0.211	< 0.01	< 0.01	< 0.01	16.2	0.04	< 0.005	< 0.01
A0970459	< 2	< 5	< 5	0.78	< 0.01	< 0.001	1.05	0.011	0.66	< 0.005	7.22	< 0.1	< 0.01	22.5	0.13	0.222	< 0.01	< 0.01	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970460	< 2	< 5	< 5	0.80	< 0.01	< 0.001	1.67	0.011	0.69	< 0.005	6.68	< 0.1	< 0.01	22.5	0.14	0.225	< 0.01	< 0.01	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970461	< 2	< 5	< 5	0.79	< 0.01	< 0.001	1.71	0.011	0.70	< 0.005	6.63	< 0.1	< 0.01	22.3	0.14	0.223	< 0.01	< 0.01	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970462	< 2	< 5	< 5	0.80	< 0.01	< 0.001	2.21	0.011	0.72	< 0.005	6.70	< 0.1	< 0.01	21.9	0.12	0.222	< 0.01	< 0.01	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970463	< 2	< 5	< 5	0.77	< 0.01	< 0.001	2.16	0.012	0.77	< 0.005	6.61	< 0.1	< 0.01	22.1	0.12	0.225	< 0.01	< 0.01	< 0.01	16.2	0.04	< 0.005	< 0.01
A0970464	< 2	< 5	< 5	0.81	< 0.01	< 0.001	2.65	0.011	0.76	< 0.005	5.85	< 0.1	< 0.01	22.1	0.14	0.240	< 0.01	< 0.01	< 0.01	16.2	0.04	< 0.005	< 0.01
A0970465	< 2	< 5	< 5	0.75	< 0.01	< 0.001	2.32	0.011	0.75	< 0.005	5.75	< 0.1	< 0.01	22.5	0.10	0.238	< 0.01	< 0.01	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970466	< 2	< 5	< 5	0.65	< 0.01	< 0.001	4.52	0.011	0.64	< 0.005	5.33	< 0.1	< 0.01	21.3	0.12	0.227	< 0.01	< 0.01	< 0.01	15.7	0.03	< 0.005	< 0.01
A0970467	< 2	5	< 5	0.60	< 0.01	< 0.001	5.01	0.010	0.71	< 0.005	5.73	< 0.1	< 0.01	20.5	0.08	0.245	< 0.01	< 0.01	< 0.01	15.7	0.03	< 0.005	< 0.01
A0970468	< 2	< 5	< 5	0.52	< 0.01	< 0.001	4.56	0.012	0.68	< 0.005	5.44	< 0.1	< 0.01	20.5	0.09	0.223	< 0.01	< 0.01	< 0.01	14.7	0.03	< 0.005	< 0.01
A0970469	< 2	< 5	< 5	0.44	< 0.01	< 0.001	1.84	0.009	0.66	< 0.005	4.91	< 0.1	< 0.01	21.3	0.03	0.224	< 0.01	< 0.01	< 0.01	15.0	0.02	< 0.005	< 0.01
A0970470	< 2	< 5	< 5	0.47	< 0.01	< 0.001	4.33	0.010	0.68	< 0.005	4.88	< 0.1	< 0.01	21.7	0.08	0.243	< 0.01	< 0.01	< 0.01	14.8	0.02	< 0.005	< 0.01
A0970471	< 2	< 5	< 5	0.46	< 0.01	< 0.001	2.31	0.013	0.86	< 0.005	6.14	< 0.1	< 0.01	22.7	0.08	0.290	< 0.01	0.03	< 0.01	15.0	0.02	< 0.005	< 0.01
A0970472	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.96	0.012	0.71	< 0.005	5.20	< 0.1	< 0.01	24.3	0.07	0.292	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970473	< 2	< 5	< 5	6.26	< 0.01	< 0.001	4.84	0.002	0.04	< 0.005	3.42	1.9	< 0.01	3.16	0.06	0.020	< 0.01	0.02	< 0.01	28.8	0.27	< 0.005	< 0.01
A0970474	< 2	< 5	< 5	0.46	< 0.01	< 0.001	1.63	0.011	0.83	< 0.005	5.33	< 0.1	< 0.01	23.6	0.07	0.254	< 0.01	0.02	< 0.01	15.5	0.02	< 0.005	< 0.01
A0970475	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.93	0.012	0.81	< 0.005	6.02	< 0.1	< 0.01	24.3	0.08	0.259	< 0.01	< 0.01	< 0.01	16.2	0.02	< 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														3.63				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.08	0.014	1.56	< 0.005				30.6	0.08	0.384	< 0.01		< 0.01	18.5			< 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	0.123	13.8					3.26		7.54		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.31		2.62			3.22	8.32			0.02			2.10	13.6		17.8		0.109	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.6				0.27					4.55	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.27					4.52	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.81									0.015	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.417							0.18	34.3		0.28			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.10	
W 106 Cert																						2.16	
OREAS 922 (Peroxide Fusion) Meas				7.83			0.54	0.003	< 0.01	0.220	5.71	2.6	< 0.01	1.59	0.09	< 0.005	< 0.01	0.37		30.9	0.43		0.03
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
CCU-1e Meas				0.14	0.10			0.031		22.8	31.2			0.73	< 0.01		0.70	36.4	< 0.01				2.90
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	4570	2050	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4480	1870	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4530	1880	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30	1940	1680	246																				

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	1970	1630	225																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1890	1700	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970445 Orig	< 2	< 5	< 5																				
A0970445 Dup	< 2	< 5	< 5																				
A0970453 Orig				1.08	< 0.01	< 0.001	1.47	0.012	0.46	< 0.005	6.93	< 0.1	< 0.01	21.7	0.09	0.159	< 0.01	< 0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
A0970453 Dup				1.09	< 0.01	< 0.001	1.50	0.012	0.46	< 0.005	6.93	< 0.1	< 0.01	21.9	0.09	0.158	< 0.01	< 0.01	< 0.01	17.3	0.05	< 0.005	< 0.01
A0970455 Orig	< 2	< 5	< 5																				
A0970455 Dup	< 2	< 5	< 5																				
A0970460 Orig				0.79	< 0.01	< 0.001	1.69	0.011	0.69	< 0.005	6.66	< 0.1	< 0.01	22.4	0.14	0.225	< 0.01	< 0.01	< 0.01	16.7	0.04	< 0.005	< 0.01
A0970460 Dup				0.80	< 0.01	< 0.001	1.65	0.012	0.70	< 0.005	6.70	< 0.1	< 0.01	22.7	0.14	0.226	< 0.01	< 0.01	< 0.01	17.1	0.04	< 0.005	< 0.01
A0970465 Orig	< 2	< 5	< 5																				
A0970465 Dup	< 2	< 5	< 5																				
A0970475 Orig				0.41	< 0.01	< 0.001	0.92	0.012	0.82	< 0.005	6.02	< 0.1	< 0.01	24.4	0.08	0.264	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970475 Dup				0.41	< 0.01	< 0.001	0.93	0.012	0.81	< 0.005	6.02	< 0.1	< 0.01	24.2	0.08	0.255	< 0.01	< 0.01	< 0.01	16.0	0.02	< 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	< 5																				
Method Blank	< 2	< 5	< 5																				
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Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03916**
Report Date: **27-Apr-20**
Date Submitted: **02-Apr-20**
Your Reference: **Crawford (CR20-C-A111)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-04-21 13:46:45

REPORT **A20-03916**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-03916**
Report Date: **27-Apr-20**
Date Submitted: **02-Apr-20**
Your Reference: **Crawford (CR20-C-A111)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-04-24 08:53:38

REPORT **A20-03916**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0970476	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.72	0.012	0.73	< 0.005	5.92	< 0.1	< 0.01	24.6	0.08	0.278	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	< 0.01
A0970477	2	< 5	< 5	0.37	< 0.01	< 0.001	0.48	0.012	0.77	< 0.005	5.14	< 0.1	< 0.01	25.1	0.08	0.265	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970478	< 2	< 5	< 5	0.36	< 0.01	< 0.001	1.08	0.013	0.69	< 0.005	6.04	< 0.1	< 0.01	24.8	0.08	0.258	< 0.01	< 0.01	< 0.01	15.7	0.02	< 0.005	< 0.01
A0970479	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.60	0.012	0.75	< 0.005	5.79	< 0.1	< 0.01	24.7	0.07	0.251	< 0.01	< 0.01	< 0.01	15.6	0.02	< 0.005	< 0.01
A0970480	< 2	< 5	< 5	0.66	< 0.01	< 0.001	1.27	0.012	0.77	< 0.005	4.93	< 0.1	< 0.01	24.8	0.08	0.264	< 0.01	0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970481	< 2	< 5	< 5	0.38	< 0.01	< 0.001	1.29	0.012	0.78	< 0.005	4.94	< 0.1	< 0.01	24.5	0.08	0.283	< 0.01	0.02	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970482	< 2	9	< 5	0.36	< 0.01	< 0.001	1.64	0.011	0.65	< 0.005	5.24	< 0.1	< 0.01	24.4	0.08	0.262	< 0.01	0.01	< 0.01	15.8	0.02	< 0.005	< 0.01
A0970483	< 2	< 5	< 5	0.40	< 0.01	< 0.001	1.24	0.011	0.64	< 0.005	6.68	< 0.1	< 0.01	23.7	0.06	0.243	< 0.01	< 0.01	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970484	4	81	< 5	0.45	< 0.01	< 0.001	2.57	0.010	0.64	< 0.005	5.91	< 0.1	< 0.01	23.4	0.08	0.390	< 0.01	0.07	< 0.01	15.0	0.02	< 0.005	< 0.01
A0970485	3	< 5	< 5	0.41	< 0.01	< 0.001	1.02	0.012	0.71	< 0.005	6.18	< 0.1	< 0.01	24.2	0.08	0.269	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970486	< 2	< 5	< 5	0.40	< 0.01	< 0.001	1.26	0.012	0.67	< 0.005	5.46	< 0.1	< 0.01	24.6	0.08	0.284	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970487	2	< 5	< 5	0.38	< 0.01	< 0.001	0.54	0.012	0.57	< 0.005	5.54	< 0.1	< 0.01	25.7	0.09	0.279	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970488	3	< 5	< 5	0.40	< 0.01	< 0.001	1.54	0.012	0.59	< 0.005	5.96	< 0.1	< 0.01	24.7	0.09	0.268	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970489	3	< 5	< 5	0.37	< 0.01	< 0.001	0.57	0.013	0.57	< 0.005	5.11	< 0.1	< 0.01	25.5	0.09	0.267	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970490	3	< 5	< 5	0.37	< 0.01	< 0.001	1.94	0.012	0.56	< 0.005	6.78	< 0.1	< 0.01	24.5	0.12	0.263	< 0.01	0.01	< 0.01	14.4	0.02	< 0.005	< 0.01
A0970491	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.27	0.012	0.73	< 0.005	5.28	< 0.1	< 0.01	25.9	0.09	0.278	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970492	3	< 5	< 5	0.44	< 0.01	< 0.001	0.65	0.012	0.67	< 0.005	5.90	< 0.1	< 0.01	25.3	0.09	0.291	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970493	11	< 5	< 5	0.31	< 0.01	< 0.001	0.21	0.009	0.10	< 0.005	4.04	< 0.1	< 0.01	26.0	0.06	0.285	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970494	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.54	0.012	0.72	< 0.005	6.35	< 0.1	< 0.01	25.0	0.09	0.277	< 0.01	0.01	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970495	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.25	0.012	0.71	< 0.005	5.80	< 0.1	< 0.01	25.6	0.09	0.275	< 0.01	0.04	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970496	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.43	0.012	0.64	< 0.005	5.73	< 0.1	< 0.01	25.5	0.09	0.275	< 0.01	0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970497	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.38	0.012	0.57	< 0.005	6.30	< 0.1	< 0.01	25.2	0.09	0.269	< 0.01	0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970498	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.14	0.012	0.51	< 0.005	5.45	< 0.1	< 0.01	26.1	0.09	0.271	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970499	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.30	0.012	0.49	< 0.005	5.54	< 0.1	< 0.01	25.7	0.08	0.272	< 0.01	0.02	< 0.01	16.8	0.02	< 0.005	< 0.01
A0970500	< 2	< 5	< 5	7.06	< 0.01	< 0.001	4.97	0.003	< 0.01	< 0.005	4.34	1.9	< 0.01	1.93	0.08	0.005	< 0.01	0.04	< 0.01	29.1	0.35	< 0.005	< 0.01
A0970501	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.04	0.012	0.51	< 0.005	5.67	< 0.1	< 0.01	26.0	0.08	0.284	< 0.01	0.03	< 0.01	17.0	0.02	< 0.005	< 0.01
A0970502	< 2	< 5	< 5	0.40	< 0.01	< 0.001	< 0.01	0.012	0.48	< 0.005	4.90	< 0.1	< 0.01	26.2	0.08	0.280	< 0.01	0.03	< 0.01	17.4	0.02	< 0.005	< 0.01
A0970503	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.04	0.013	0.48	< 0.005	6.69	< 0.1	< 0.01	25.2	0.08	0.280	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970504	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.08	0.013	0.50	< 0.005	5.60	< 0.1	< 0.01	25.7	0.08	0.257	< 0.01	0.01	< 0.01	17.1	0.02	< 0.005	< 0.01
A0970505	3	< 5	< 5	0.38	< 0.01	< 0.001	0.15	0.012	0.55	< 0.005	5.70	< 0.1	< 0.01	25.7	0.08	0.264	< 0.01	0.01	< 0.01	17.0	0.02	< 0.005	< 0.01
A0970506	4	10	< 5	0.48	< 0.01	< 0.001	< 0.01	0.013	0.59	< 0.005	6.08	< 0.1	< 0.01	25.7	0.09	0.288	< 0.01	0.01	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970507	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.08	0.013	0.55	< 0.005	5.35	< 0.1	< 0.01	26.2	0.08	0.289	< 0.01	0.02	< 0.01	16.8	0.01	< 0.005	< 0.01
A0970508	10	< 5	< 5	0.29	< 0.01	< 0.001	0.03	0.013	0.52	< 0.005	5.72	< 0.1	< 0.01	26.1	0.09	0.272	< 0.01	0.01	< 0.01	16.7	0.01	< 0.005	< 0.01
A0970509	< 2	< 5	< 5	0.20	< 0.01	< 0.001	< 0.01	0.012	0.54	< 0.005	5.68	< 0.1	< 0.01	26.3	0.09	0.290	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01
A0970510	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.10	0.012	0.53	< 0.005	5.68	< 0.1	< 0.01	26.2	0.09	0.277	< 0.01	0.02	< 0.01	16.7	0.01	< 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
PTM-1a Meas					0.21			2.06		24.3						47.2		22.8					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.10		24.5						49.0		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.62				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.66														3.52				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.19			0.04	0.013	1.60	< 0.005				31.5	0.08	0.389	< 0.01		< 0.01	19.2			< 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
DTS-2b Meas				0.23			0.08	0.013	1.56	< 0.005				31.3	0.08	0.385	< 0.01		< 0.01	19.4			< 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			0.057	0.18	0.124	13.9					3.25		7.53		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.27		7.50		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.123	14.1					3.24		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 77a (Fusion) Meas					0.01			0.159	0.08	0.404	32.6					10.0		24.6		5.82			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.136	12.5							20.2	0.01				18.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.60			3.12	8.26			0.02			2.10	13.6		17.2		0.111	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.28		2.52			3.18	8.19			0.03			2.07	13.6		17.1		0.107	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
OREAS 13b (fusion) Meas				8.54			5.84		1.08		8.58	2.3		2.97	0.13			1.14		23.7	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	

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
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.05									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.80									< 0.005	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									< 0.005	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.087																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.090																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.04						0.125	6.99			0.07			64.8						6.13
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.04	0.04			0.010		0.419							0.18	33.6		0.29			56.4
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.04	0.03			0.010		0.420							0.18	34.0		0.28			55.2
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
OREAS 621 (Peroxide Fusion) Meas				6.77	< 0.01	< 0.001	2.08	0.003	< 0.01	0.371	3.90	2.2		0.51	0.06		1.34	4.38	0.01	28.6	0.18	< 0.005	5.25
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.12	0.11			0.032		22.8	32.5			0.74	< 0.01		0.72	35.7	0.01				3.01
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
CCU-1e Meas				0.16	0.10			0.031		22.7	32.9			0.72	< 0.01		0.71	35.3	0.01				2.98
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	4570	2050	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4480	1870	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4530	1880	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1940	1680	246																				

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
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1970	1630	225																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1890	1700	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970485 Orig	3	< 5	< 5																				
A0970485 Dup	3	< 5	< 5																				
A0970492 Orig				0.38	< 0.01	< 0.001	0.65	0.012	0.67	< 0.005	5.93	< 0.1	< 0.01	25.2	0.09	0.289	< 0.01	0.02	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970492 Dup				0.49	< 0.01	< 0.001	0.66	0.012	0.67	< 0.005	5.88	< 0.1	< 0.01	25.3	0.09	0.292	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970493 Orig				0.31	< 0.01	< 0.001	0.22	0.009	0.10	< 0.005	4.03	< 0.1	< 0.01	25.7	0.06	0.283	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970493 Dup				0.31	< 0.01	< 0.001	0.20	0.009	0.10	< 0.005	4.05	< 0.1	< 0.01	26.3	0.06	0.287	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970495 Orig	< 2	< 5	< 5																				
A0970495 Dup	< 2	< 5	< 5																				
A0970499 Orig				0.41	< 0.01	< 0.001	0.32	0.012	0.47	< 0.005	5.46	< 0.1	< 0.01	25.6	0.08	0.270	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970499 Dup				0.35	< 0.01	< 0.001	0.28	0.012	0.50	< 0.005	5.61	< 0.1	< 0.01	25.9	0.08	0.275	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970505 Orig	3	< 5	< 5																				
A0970505 Dup	3	< 5	< 5																				
A0970510 Orig				0.21	< 0.01	< 0.001	0.09	0.012	0.53	< 0.005	5.63	< 0.1	< 0.01	26.1	0.09	0.279	< 0.01	0.01	< 0.01	16.7	0.01	< 0.005	< 0.01
A0970510 Dup				0.21	< 0.01	< 0.001	0.10	0.013	0.53	< 0.005	5.73	< 0.1	< 0.01	26.2	0.09	0.275	< 0.01	0.02	< 0.01	16.8	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				0.17	< 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																				
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Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03972**
Report Date: **29-Apr-20**
Date Submitted: **27-Mar-20**
Your Reference: **Crawford (CR20-C-C35)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-04-27 14:38:59
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-04-24 08:13:42

REPORT **A20-03972**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11198	< 2	< 5	< 5	0.96	< 0.01	< 0.001	0.26	0.014	0.53	< 0.005	8.25	< 0.1	< 0.01	22.3	0.14	0.201	< 0.01	< 0.01	< 0.01	16.9	0.06	< 0.005	< 0.01
B11199	< 2	5	< 5	0.96	< 0.01	< 0.001	0.35	0.013	0.52	< 0.005	7.92	< 0.1	< 0.01	22.5	0.13	0.199	< 0.01	< 0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
B11200	< 2	17	5	1.02	< 0.01	< 0.001	0.59	0.013	0.50	< 0.005	8.23	< 0.1	< 0.01	22.2	0.12	0.323	< 0.01	0.04	< 0.01	17.1	0.05	< 0.005	< 0.01
B11201	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.63	0.012	0.55	< 0.005	7.16	< 0.1	< 0.01	22.8	0.12	0.225	< 0.01	0.02	< 0.01	17.7	0.05	< 0.005	< 0.01
B11202	< 2	< 5	< 5	0.91	< 0.01	< 0.001	0.21	0.013	0.60	< 0.005	7.10	< 0.1	< 0.01	23.0	0.12	0.237	< 0.01	0.02	< 0.01	17.7	0.05	< 0.005	< 0.01
B11203	< 2	< 5	< 5	0.83	< 0.01	< 0.001	0.13	0.013	0.61	0.005	7.26	< 0.1	< 0.01	23.3	0.13	0.238	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
B11204	< 2	8	5	0.87	< 0.01	< 0.001	0.21	0.013	0.59	< 0.005	7.37	< 0.1	< 0.01	23.3	0.12	0.241	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
B11205	< 2	< 5	5	0.84	< 0.01	< 0.001	0.22	0.013	0.63	< 0.005	7.20	< 0.1	< 0.01	23.2	0.13	0.242	< 0.01	0.02	< 0.01	17.4	0.05	< 0.005	< 0.01
B11206	3	< 5	< 5	0.89	< 0.01	< 0.001	0.60	0.012	0.61	< 0.005	6.56	< 0.1	< 0.01	23.5	0.12	0.235	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
B11207	5	< 5	6	0.83	< 0.01	< 0.001	0.29	0.012	0.60	< 0.005	6.46	< 0.1	< 0.01	23.7	0.12	0.232	< 0.01	0.02	< 0.01	17.4	0.05	< 0.005	< 0.01
B11208	8	6	7	0.86	< 0.01	< 0.001	0.26	0.011	0.64	0.008	5.85	< 0.1	< 0.01	23.9	0.11	0.267	< 0.01	0.04	< 0.01	17.5	0.05	< 0.005	< 0.01
B11209	3	< 5	6	0.83	< 0.01	< 0.001	0.15	0.011	0.69	0.005	5.38	< 0.1	< 0.01	24.2	0.11	0.261	< 0.01	0.04	< 0.01	17.8	0.05	< 0.005	< 0.01
B11210	5	40	36	7.36	< 0.01	< 0.001	5.66	0.018	0.02	0.035	9.41	0.6	< 0.01	3.97	0.11	0.729	< 0.01	1.64	< 0.01	23.9	1.06	< 0.005	0.01
B11211	2	< 5	< 5	0.77	< 0.01	< 0.001	0.49	0.013	0.67	< 0.005	7.43	< 0.1	< 0.01	23.1	0.11	0.245	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
B11212	4	< 5	< 5	0.77	< 0.01	< 0.001	0.33	0.013	0.66	0.008	6.54	< 0.1	< 0.01	23.6	0.10	0.247	< 0.01	0.04	< 0.01	17.7	0.04	< 0.005	< 0.01
B11213	2	< 5	< 5	0.75	< 0.01	< 0.001	0.52	0.012	0.65	< 0.005	6.30	< 0.1	< 0.01	23.8	0.10	0.237	< 0.01	0.02	< 0.01	17.3	0.04	< 0.005	< 0.01
B11214	3	5	5	0.73	< 0.01	< 0.001	0.42	0.012	0.62	< 0.005	6.88	< 0.1	< 0.01	23.2	0.10	0.241	< 0.01	0.02	< 0.01	17.8	0.04	< 0.005	< 0.01
B11215	< 2	< 5	< 5	0.64	< 0.01	< 0.001	1.33	0.012	0.61	< 0.005	6.48	< 0.1	< 0.01	22.7	0.11	0.216	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
B11216	3	< 5	< 5	0.65	< 0.01	< 0.001	0.78	0.014	0.64	0.006	8.13	< 0.1	< 0.01	22.9	0.12	0.310	< 0.01	0.04	< 0.01	16.3	0.04	< 0.005	< 0.01
B11217	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.82	0.014	0.61	0.007	7.83	< 0.1	< 0.01	23.0	0.11	0.307	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
B11218	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.08	0.013	0.59	< 0.005	7.30	< 0.1	< 0.01	24.0	0.10	0.244	< 0.01	< 0.01	< 0.01	16.7	0.03	< 0.005	< 0.01
B11219	2	< 5	< 5	0.60	< 0.01	< 0.001	0.14	0.012	0.66	< 0.005	7.09	< 0.1	< 0.01	23.8	0.12	0.245	< 0.01	0.01	< 0.01	17.3	0.04	< 0.005	< 0.01
B11220	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.32	0.012	0.63	< 0.005	7.73	< 0.1	< 0.01	23.4	0.11	0.241	< 0.01	0.03	< 0.01	16.4	0.04	< 0.005	< 0.01
B11221	4	< 5	< 5	0.58	< 0.01	< 0.001	0.19	0.014	0.66	< 0.005	7.69	< 0.1	< 0.01	23.7	0.11	0.248	< 0.01	0.01	< 0.01	16.8	0.04	< 0.005	< 0.01
B11222	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.08	0.013	0.69	< 0.005	7.17	< 0.1	< 0.01	24.0	0.10	0.242	< 0.01	0.01	< 0.01	17.3	0.03	< 0.005	< 0.01
B11223	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.06	0.014	0.72	< 0.005	7.33	< 0.1	< 0.01	24.1	0.11	0.253	< 0.01	< 0.01	< 0.01	17.2	0.03	< 0.005	< 0.01
B11224	2	< 5	< 5	0.61	< 0.01	< 0.001	0.23	0.015	0.67	< 0.005	7.45	< 0.1	< 0.01	24.5	0.11	0.270	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
B11225	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.28	0.013	0.79	< 0.005	6.17	< 0.1	< 0.01	24.2	0.10	0.265	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
B11226	< 2	< 5	< 5	7.55	< 0.01	< 0.001	4.10	0.003	0.02	< 0.005	3.93	1.7	< 0.01	2.07	0.08	0.010	< 0.01	0.03	< 0.01	29.7	0.34	< 0.005	< 0.01
B11227	5	< 5	< 5	0.61	< 0.01	< 0.001	0.14	0.014	0.85	< 0.005	7.73	< 0.1	< 0.01	23.8	0.10	0.275	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
B11228	4	< 5	< 5	0.56	< 0.01	< 0.001	0.26	0.012	0.76	< 0.005	5.65	< 0.1	< 0.01	24.6	0.09	0.276	< 0.01	0.03	< 0.01	17.5	0.03	< 0.005	< 0.01
B11229	4	< 5	< 5	0.51	< 0.01	< 0.001	0.20	0.012	0.75	< 0.005	5.65	< 0.1	< 0.01	24.7	0.09	0.258	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01
B11230	4	< 5	< 5	0.54	< 0.01	< 0.001	0.02	0.012	0.76	< 0.005	5.73	< 0.1	< 0.01	24.9	0.08	0.250	< 0.01	0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
B11231	3	< 5	< 5	0.48	< 0.01	< 0.001	0.06	0.013	0.75	< 0.005	6.28	< 0.1	< 0.01	24.7	0.09	0.256	< 0.01	< 0.01	< 0.01	17.0	0.03	< 0.005	< 0.01
B11232	4	< 5	< 5	0.50	< 0.01	< 0.001	0.09	0.014	0.77	< 0.005	6.56	< 0.1	< 0.01	24.3	0.09	0.275	< 0.01	0.02	< 0.01	16.6	0.03	< 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
PTM-1a Meas					0.21			2.02		24.2						46.9		22.4					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.21			0.10	0.013	1.57	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	19.3			< 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			0.056	0.18	0.125	13.7					3.25		7.45		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.25		2.23			3.16	8.03			0.02			2.08	13.1		17.0		0.107	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.5				0.27					4.62	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.81									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
PK2 Meas	4930	6080	4990																				
PK2 Cert	4785	5918	4749																				
CZN-4 Meas				0.06	0.03			0.009		0.426							0.18	34.2		0.28			55.8
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.23	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.031		22.4	31.7			0.73	0.01		0.71	35.4	0.01				2.98
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	1890	1620	218																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11202 Orig	< 2	< 5	< 5																				
B11202 Dup	< 2	< 5	< 5																				
B11203 Orig				0.84	< 0.01	< 0.001	0.13	0.013	0.60	0.005	7.25	< 0.1	< 0.01	23.7	0.13	0.239	< 0.01	0.01	< 0.01	17.6	0.05	< 0.005	< 0.01
B11203 Dup				0.83	< 0.01	< 0.001	0.13	0.013	0.61	0.005	7.26	< 0.1	< 0.01	23.0	0.13	0.236	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
B11211 Orig				0.77	< 0.01	< 0.001	0.48	0.013	0.67	< 0.005	7.47	< 0.1	< 0.01	23.1	0.11	0.249	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
B11211 Dup				0.78	< 0.01	< 0.001	0.50	0.013	0.67	< 0.005	7.39	< 0.1	< 0.01	23.2	0.11	0.242	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
B11217 Orig	< 2	< 5	< 5																				
B11217 Dup	< 2	< 5	< 5																				
B11226 Orig				7.48	< 0.01	< 0.001	4.11	0.003	0.02	< 0.005	3.92	1.7	< 0.01	2.05	0.08	0.010	< 0.01	0.03	< 0.01	29.7	0.34	< 0.005	< 0.01
B11226 Dup				7.63	< 0.01	< 0.001	4.08	0.003	0.02	< 0.005	3.93	1.8	< 0.01	2.09	0.08	0.011	< 0.01	0.03	< 0.01	29.8	0.34	< 0.005	< 0.01
B11232 Orig				0.50	< 0.01	< 0.001	0.09	0.014	0.77	< 0.005	6.56	< 0.1	< 0.01	24.3	0.09	0.275	< 0.01	0.02	< 0.01	16.6	0.03	< 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
B11232 Split PREP DUP				0.48	< 0.01	< 0.001	0.08	0.013	0.73	< 0.005	6.46	< 0.1	< 0.01	24.7	0.09	0.269	< 0.01	0.02	< 0.01	16.8	0.03	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03984**
Report Date: **29-Apr-20**
Date Submitted: **03-Apr-20**
Your Reference: **Crawford (CR20-C-A112)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-04-28 13:37:07
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-04-28 16:07:19

REPORT **A20-03984**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970511	5	54	< 5	0.30	< 0.01	< 0.001	0.23	0.013	0.55	< 0.005	6.81	< 0.1	< 0.01	25.3	0.09	0.289	< 0.01	0.01	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970512	2	< 5	< 5	0.28	< 0.01	< 0.001	0.05	0.013	0.57	< 0.005	5.73	< 0.1	< 0.01	26.1	0.09	0.291	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970513	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.03	0.013	0.59	< 0.005	5.39	< 0.1	< 0.01	26.1	0.08	0.282	< 0.01	0.02	< 0.01	16.8	0.01	< 0.005	< 0.01
A0970514	< 2	< 5	< 5	0.24	< 0.01	< 0.001	< 0.01	0.013	0.59	< 0.005	6.20	< 0.1	< 0.01	25.8	0.08	0.285	< 0.01	0.01	< 0.01	16.4	0.01	< 0.005	< 0.01
A0970515	< 2	40	37	7.28	< 0.01	< 0.001	5.62	0.019	0.02	0.033	9.67	0.6	< 0.01	4.03	0.11	0.732	< 0.01	1.63	< 0.01	23.3	1.03	< 0.005	0.01
A0970516	15	< 5	< 5	0.23	< 0.01	< 0.001	< 0.01	0.013	0.64	< 0.005	5.63	< 0.1	< 0.01	26.2	0.09	0.290	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970517	< 2	< 5	< 5	0.29	< 0.01	< 0.001	< 0.01	0.013	0.69	< 0.005	5.87	< 0.1	< 0.01	26.4	0.09	0.314	< 0.01	0.03	< 0.01	16.7	0.01	< 0.005	< 0.01
A0970518	24	< 5	8	0.29	< 0.01	< 0.001	< 0.01	0.012	0.67	< 0.005	5.84	< 0.1	< 0.01	25.8	0.09	0.307	< 0.01	0.03	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970519	17	< 5	6	0.24	< 0.01	< 0.001	< 0.01	0.013	0.71	< 0.005	5.64	< 0.1	< 0.01	26.2	0.08	0.282	< 0.01	0.01	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970520	3	< 5	< 5	0.24	< 0.01	< 0.001	< 0.01	0.014	0.71	< 0.005	6.49	< 0.1	< 0.01	26.3	0.09	0.316	< 0.01	0.02	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0970521	5	< 5	< 5	0.24	< 0.01	< 0.001	< 0.01	0.015	0.74	< 0.005	6.71	< 0.1	< 0.01	25.6	0.09	0.417	< 0.01	0.05	< 0.01	16.3	0.01	< 0.005	< 0.01
A0970522	6	< 5	< 5	0.25	< 0.01	< 0.001	< 0.01	0.013	0.73	< 0.005	6.43	< 0.1	< 0.01	25.9	0.08	0.317	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0970523	11	< 5	9	0.23	< 0.01	< 0.001	0.14	0.013	0.71	< 0.005	6.55	< 0.1	< 0.01	25.4	0.08	0.318	< 0.01	0.02	< 0.01	17.2	< 0.01	< 0.005	< 0.01
A0970524	2	< 5	< 5	0.23	< 0.01	< 0.001	0.03	0.013	0.74	< 0.005	5.82	< 0.1	< 0.01	26.0	0.08	0.315	< 0.01	0.03	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0970525	5	6	< 5	0.23	< 0.01	< 0.001	< 0.01	0.013	0.73	< 0.005	6.43	< 0.1	< 0.01	26.1	0.09	0.316	< 0.01	0.02	< 0.01	16.3	< 0.01	< 0.005	< 0.01
A0970526	7	6	8	0.21	< 0.01	< 0.001	0.04	0.012	0.64	< 0.005	5.19	< 0.1	< 0.01	26.5	0.09	0.309	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0970527	< 2	< 5	< 5	6.72	< 0.01	< 0.001	3.95	0.002	0.01	< 0.005	3.19	1.5	< 0.01	1.83	0.05	0.009	< 0.01	0.02	< 0.01	29.8	0.25	< 0.005	< 0.01
A0970528	< 2	9	< 5	0.24	< 0.01	< 0.001	< 0.01	0.013	0.71	< 0.005	6.34	< 0.1	< 0.01	26.2	0.09	0.311	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01
A0970529	8	54	18	0.31	< 0.01	< 0.001	< 0.01	0.013	0.72	< 0.005	5.64	< 0.1	< 0.01	26.2	0.08	0.297	< 0.01	0.03	< 0.01	16.4	0.01	< 0.005	< 0.01
A0970530	< 2	128	7	0.28	< 0.01	< 0.001	< 0.01	0.013	0.78	0.005	6.10	< 0.1	< 0.01	25.9	0.08	0.287	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970531	2	16	6	0.42	< 0.01	< 0.001	0.05	0.013	0.75	0.007	5.35	< 0.1	< 0.01	25.7	0.08	0.347	< 0.01	0.07	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970532	< 2	16	5	0.28	< 0.01	< 0.001	< 0.01	0.014	0.82	0.005	6.21	< 0.1	< 0.01	26.0	0.08	0.309	< 0.01	0.05	< 0.01	16.1	0.01	< 0.005	< 0.01
A0970533	< 2	15	< 5	0.31	< 0.01	< 0.001	< 0.01	0.013	0.76	0.006	5.88	< 0.1	< 0.01	25.8	0.08	0.314	< 0.01	0.06	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970534	< 2	13	< 5	0.29	< 0.01	< 0.001	< 0.01	0.015	0.71	0.006	6.35	< 0.1	< 0.01	25.7	0.09	0.297	< 0.01	0.06	< 0.01	16.2	0.01	< 0.005	< 0.01
A0970535	< 2	15	< 5	0.30	< 0.01	< 0.001	< 0.01	0.014	0.73	0.005	6.07	< 0.1	< 0.01	25.8	0.09	0.273	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970536	< 2	22	8	0.32	< 0.01	< 0.001	< 0.01	0.015	0.73	0.010	6.36	< 0.1	< 0.01	25.7	0.09	0.307	< 0.01	0.05	< 0.01	16.2	0.01	< 0.005	< 0.01
A0970537	< 2	7	< 5	0.41	< 0.01	< 0.001	0.36	0.014	0.63	< 0.005	6.08	< 0.1	< 0.01	25.4	0.09	0.243	< 0.01	0.04	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970538	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.20	0.013	0.63	< 0.005	6.61	< 0.1	< 0.01	25.1	0.09	0.243	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970539	< 2	13	< 5	0.46	< 0.01	< 0.001	0.21	0.013	0.62	< 0.005	6.33	< 0.1	< 0.01	25.2	0.09	0.256	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970540	< 2	14	10	0.51	< 0.01	< 0.001	0.28	0.013	0.61	< 0.005	6.43	< 0.1	< 0.01	25.1	0.09	0.248	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970541	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.37	0.014	0.61	< 0.005	6.60	< 0.1	< 0.01	25.3	0.09	0.227	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970542	< 2	5	< 5	0.49	< 0.01	< 0.001	0.35	0.014	0.62	< 0.005	6.73	< 0.1	< 0.01	25.4	0.09	0.243	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970543	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.14	0.014	0.61	< 0.005	6.84	< 0.1	< 0.01	25.4	0.10	0.240	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970544	< 2	6	< 5	0.47	< 0.01	< 0.001	0.18	0.014	0.60	< 0.005	6.13	< 0.1	< 0.01	25.6	0.10	0.240	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970545	< 2	8	< 5	0.51	< 0.01	< 0.001	0.22	0.012	0.58	< 0.005	6.07	< 0.1	< 0.01	25.3	0.09	0.225	< 0.01	0.02	< 0.01	17.0	0.02	< 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
PTM-1a Meas					0.22			2.07		25.3						48.7		23.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.49				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.04	0.013	1.56	< 0.005				31.2	0.08	0.384	< 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			0.057	0.18	0.124	14.2					3.28		7.55		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.407	32.9					10.2		24.8		5.78			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.137	12.5							20.6	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.45			3.09	8.32			0.03			2.03	13.6		16.7		0.109	16.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											42.8				0.27					4.57	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.58			5.55		1.09		8.66	2.3		3.00	0.13			1.17		23.6	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.78									< 0.005	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
PK2 Meas	4870	6050	4940																				
PK2 Cert	4785	5918	4749																				
CZN-4 Meas				0.07	0.04			0.010		0.419							0.18	34.4		0.27			56.8
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	
OREAS 621 (Peroxide Fusion) Meas				6.61	< 0.01	< 0.001	1.95	0.004	< 0.01	0.367	3.87	2.2		0.52	0.06		1.30	4.34	0.01	28.0	0.18	< 0.005	4.96

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
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.10			0.032		22.7	32.7			0.73	< 0.01		0.71	36.1	0.01				2.91
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	1940	1700	251																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970516 Orig				0.23	< 0.01	< 0.001	< 0.01	0.013	0.64	< 0.005	5.64	< 0.1	< 0.01	26.2	0.09	0.290	< 0.01	0.01	< 0.01	16.7	0.01	< 0.005	< 0.01
A0970516 Dup				0.23	< 0.01	< 0.001	< 0.01	0.013	0.64	< 0.005	5.61	< 0.1	< 0.01	26.3	0.09	0.290	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970520 Orig	3	< 5	< 5																				
A0970520 Dup	3	< 5	< 5																				
A0970524 Orig				0.23	< 0.01	< 0.001	0.03	0.013	0.74	< 0.005	5.81	< 0.1	< 0.01	26.0	0.08	0.319	< 0.01	0.03	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0970524 Dup				0.23	< 0.01	< 0.001	0.03	0.013	0.74	< 0.005	5.83	< 0.1	< 0.01	26.1	0.08	0.311	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0970530 Orig	< 2	136	7																				
A0970530 Dup	2	119	6																				
A0970539 Orig				0.48	< 0.01	< 0.001	0.22	0.013	0.61	< 0.005	6.29	< 0.1	< 0.01	25.3	0.09	0.260	< 0.01	0.04	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970539 Dup				0.43	< 0.01	< 0.001	0.21	0.013	0.62	< 0.005	6.37	< 0.1	< 0.01	25.2	0.09	0.251	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970545 Orig	< 2	8	< 5	0.51	< 0.01	< 0.001	0.22	0.012	0.58	< 0.005	6.07	< 0.1	< 0.01	25.3	0.09	0.225	< 0.01	0.02	< 0.01	17.0	0.02	< 0.005	< 0.01
A0970545 Split PREP DUP	< 2	6	< 5	0.51	< 0.01	< 0.001	0.20	0.013	0.59	< 0.005	6.16	< 0.1	< 0.01	25.1	0.09	0.222	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970545 Orig				0.51	< 0.01	< 0.001	0.21	0.013	0.58	< 0.005	6.03	< 0.1	< 0.01	25.3	0.09	0.216	< 0.01	0.02	< 0.01	17.0	0.02	< 0.005	< 0.01
A0970545 Dup				0.52	< 0.01	< 0.001	0.22	0.012	0.58	< 0.005	6.12	< 0.1	< 0.01	25.3	0.09	0.233	< 0.01	0.02	< 0.01	17.0	0.02	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-03985**
Report Date: **29-Apr-20**
Date Submitted: **03-Apr-20**
Your Reference: **Crawford (CR20-C-A113)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-04-29 12:31:08
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-04-28 16:07:19

REPORT **A20-03985**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970546	< 2	6	< 5	0.61	< 0.01	< 0.001	0.50	0.012	0.68	< 0.005	6.77	< 0.1	< 0.01	24.3	0.09	0.217	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0970547	< 2	< 5	< 5	0.53	< 0.01	< 0.001	1.12	0.012	0.54	< 0.005	7.11	< 0.1	< 0.01	23.9	0.08	0.207	< 0.01	0.01	< 0.01	16.1	0.02	< 0.005	< 0.01
A0970548	< 2	9	< 5	0.55	< 0.01	< 0.001	0.34	0.012	0.59	< 0.005	6.34	< 0.1	< 0.01	24.6	0.08	0.216	< 0.01	0.02	< 0.01	16.8	0.02	< 0.005	< 0.01
A0970549	< 2	10	< 5	0.50	< 0.01	< 0.001	0.12	0.014	0.56	< 0.005	6.36	< 0.1	< 0.01	24.9	0.10	0.228	< 0.01	< 0.01	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970550	< 2	11	6	0.51	< 0.01	< 0.001	0.08	0.014	0.53	< 0.005	6.91	< 0.1	< 0.01	24.7	0.11	0.224	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970551	< 2	8	< 5	0.52	< 0.01	< 0.001	0.35	0.013	0.56	< 0.005	6.84	< 0.1	< 0.01	24.5	0.11	0.228	< 0.01	0.02	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970552	< 2	7	< 5	0.48	< 0.01	< 0.001	0.53	0.014	0.51	< 0.005	6.68	< 0.1	< 0.01	24.7	0.11	0.225	< 0.01	0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970553	< 2	6	< 5	0.54	< 0.01	< 0.001	0.40	0.012	0.51	< 0.005	6.39	< 0.1	< 0.01	24.6	0.09	0.223	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970554	< 2	< 5	< 5	7.26	< 0.01	< 0.001	2.90	0.003	0.03	< 0.005	3.71	1.8	< 0.01	2.57	0.05	0.015	< 0.01	0.02	< 0.01	30.3	0.22	< 0.005	< 0.01
A0970555	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.13	0.014	0.47	< 0.005	7.09	< 0.1	< 0.01	24.4	0.09	0.206	< 0.01	0.01	< 0.01	17.1	0.02	< 0.005	< 0.01
A0970556	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.16	0.014	0.47	< 0.005	8.28	< 0.1	< 0.01	23.5	0.09	0.191	< 0.01	< 0.01	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970557	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.58	0.014	0.42	< 0.005	7.37	< 0.1	< 0.01	24.0	0.10	0.209	< 0.01	0.02	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970558	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.48	0.014	0.55	< 0.005	7.49	< 0.1	< 0.01	24.2	0.11	0.227	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970559	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.58	0.013	0.50	< 0.005	7.19	< 0.1	< 0.01	24.6	0.11	0.207	< 0.01	< 0.01	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970560	< 2	6	9	0.54	< 0.01	< 0.001	0.05	0.014	0.53	< 0.005	6.88	< 0.1	< 0.01	24.8	0.11	0.216	< 0.01	0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970561	< 2	8	< 5	0.58	< 0.01	< 0.001	0.34	0.013	0.55	< 0.005	6.41	< 0.1	< 0.01	24.4	0.10	0.212	< 0.01	0.02	< 0.01	17.2	0.02	< 0.005	< 0.01
A0970562	< 2	9	< 5	0.56	< 0.01	< 0.001	0.12	0.014	0.59	< 0.005	7.24	< 0.1	< 0.01	24.4	0.10	0.211	< 0.01	0.01	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970563	11	< 5	< 5	0.34	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	4.07	< 0.1	< 0.01	26.1	0.06	0.288	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970564	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.08	0.014	0.57	< 0.005	6.86	< 0.1	< 0.01	24.5	0.11	0.215	< 0.01	0.01	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970565	< 2	8	22	0.56	< 0.01	< 0.001	0.38	0.013	0.52	< 0.005	6.51	< 0.1	< 0.01	24.7	0.10	0.207	< 0.01	0.01	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970566	< 2	6	5	0.58	< 0.01	< 0.001	0.31	0.013	0.52	< 0.005	6.07	< 0.1	< 0.01	24.9	0.09	0.212	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970567	< 2	6	< 5	0.59	< 0.01	< 0.001	0.24	0.013	0.53	< 0.005	5.76	< 0.1	< 0.01	25.2	0.10	0.213	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
A0970568	< 2	7	9	0.61	< 0.01	< 0.001	0.35	0.013	0.55	< 0.005	6.28	< 0.1	< 0.01	24.7	0.09	0.221	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970569	< 2	6	6	0.55	< 0.01	< 0.001	0.05	0.014	0.57	< 0.005	6.12	< 0.1	< 0.01	25.0	0.10	0.215	< 0.01	0.02	< 0.01	16.4	0.03	< 0.005	< 0.01
A0970570	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.09	0.014	0.59	< 0.005	6.23	< 0.1	< 0.01	25.3	0.10	0.221	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970571	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.04	0.014	0.58	< 0.005	6.16	< 0.1	< 0.01	25.4	0.11	0.223	< 0.01	0.01	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970572	< 2	< 5	< 5	0.58	< 0.01	< 0.001	0.10	0.014	0.62	< 0.005	6.37	< 0.1	< 0.01	25.2	0.11	0.228	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970573	< 2	< 5	6	0.61	< 0.01	< 0.001	0.23	0.013	0.64	< 0.005	5.62	< 0.1	< 0.01	25.5	0.10	0.231	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0970574	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.41	0.013	0.67	< 0.005	6.28	< 0.1	< 0.01	24.5	0.09	0.220	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0970575	< 2	< 5	< 5	0.83	< 0.01	< 0.001	0.35	0.013	1.00	< 0.005	6.03	< 0.1	< 0.01	24.8	0.10	0.213	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0970576	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.38	0.013	0.99	< 0.005	5.99	< 0.1	< 0.01	24.4	0.10	0.213	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970577	< 2	< 5	< 5	0.82	< 0.01	< 0.001	0.87	0.013	0.71	< 0.005	6.49	< 0.1	< 0.01	24.1	0.10	0.192	< 0.01	0.04	< 0.01	16.3	0.03	< 0.005	< 0.01
A0970578	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.18	0.013	0.71	< 0.005	6.74	< 0.1	< 0.01	24.1	0.10	0.185	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970579	< 2	< 5	< 5	1.28	< 0.01	< 0.001	0.94	0.014	0.53	< 0.005	8.38	< 0.1	< 0.01	22.4	0.09	0.136	< 0.01	< 0.01	< 0.01	16.8	0.04	< 0.005	< 0.01
A0970580	< 2	< 5	< 5	1.96	< 0.01	< 0.001	0.76	0.013	0.30	< 0.005	7.79	< 0.1	< 0.01	22.2	0.12	0.103	< 0.01	< 0.01	< 0.01	17.2	0.06	< 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
PTM-1a Meas					0.22			2.07		25.3						48.7		23.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.49				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.04	0.013	1.56	< 0.005				31.2	0.08	0.384	< 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			0.057	0.18	0.124	14.2					3.28		7.55		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.407	32.9					10.2		24.8		5.78			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.137	12.5							20.6	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.45			3.09	8.32			0.03			2.03	13.6		16.7		0.109	16.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											42.8				0.27					4.57	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.58			5.55		1.09		8.66	2.3		3.00	0.13			1.17		23.6	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.78									< 0.005	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
PK2 Meas	4770	5950	4960																				
PK2 Cert	4785	5918	4749																				
CZN-4 Meas				0.07	0.04			0.010		0.419							0.18	34.4		0.27			56.8
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	
OREAS 621 (Peroxide Fusion) Meas				6.61	< 0.01	< 0.001	1.95	0.004	< 0.01	0.367	3.87	2.2		0.52	0.06		1.30	4.34	0.01	28.0	0.18	< 0.005	4.96

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
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.10			0.032		22.7	32.7			0.73	< 0.01		0.71	36.1	0.01				2.91
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
A0970553 Orig	< 2	7	< 5																				
A0970553 Dup	< 2	6	< 5																				
A0970560 Orig				0.54	< 0.01	< 0.001	0.04	0.014	0.53	< 0.005	6.88	< 0.1	< 0.01	24.9	0.11	0.217	< 0.01	0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970560 Dup				0.55	< 0.01	< 0.001	0.05	0.014	0.53	< 0.005	6.89	< 0.1	< 0.01	24.8	0.11	0.215	< 0.01	0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970566 Orig				0.57	< 0.01	< 0.001	0.35	0.013	0.51	< 0.005	5.99	< 0.1	< 0.01	24.7	0.09	0.212	< 0.01	0.02	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970566 Dup				0.58	< 0.01	< 0.001	0.27	0.013	0.54	< 0.005	6.15	< 0.1	< 0.01	25.1	0.09	0.213	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970568 Orig	< 2	6	9																				
A0970568 Dup	< 2	7	9																				
A0970580 Orig	< 2	< 5	< 5	1.96	< 0.01	< 0.001	0.76	0.013	0.30	< 0.005	7.79	< 0.1	< 0.01	22.2	0.12	0.103	< 0.01	< 0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
A0970580 Split PREP DUP	< 2	< 5	< 5	1.96	< 0.01	< 0.001	0.83	0.013	0.29	< 0.005	7.76	< 0.1	< 0.01	22.2	0.11	0.103	< 0.01	< 0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04046**
Report Date: **06-May-20**
Date Submitted: **07-Apr-20**
Your Reference: **Crawford (CR20-C-A114)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-04 13:01:56
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-04-30 14:28:07

REPORT **A20-04046**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970581	< 2	< 5	< 5	1.76	< 0.01	< 0.001	0.95	0.013	0.55	< 0.005	6.87	< 0.1	< 0.01	22.6	0.10	0.136	< 0.01	0.01	< 0.01	17.3	0.05	< 0.005	< 0.01
A0970582	< 2	< 5	5	0.81	< 0.01	< 0.001	0.13	0.014	0.62	< 0.005	8.85	< 0.1	< 0.01	22.9	0.10	0.182	< 0.01	0.02	< 0.01	17.4	0.03	< 0.005	< 0.01
A0970583	< 2	< 5	5	0.82	< 0.01	< 0.001	0.37	0.013	0.83	< 0.005	7.59	< 0.1	< 0.01	22.9	0.11	0.183	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970584	< 2	< 5	6	0.77	< 0.01	< 0.001	0.42	0.015	0.60	< 0.005	8.47	< 0.1	< 0.01	23.1	0.10	0.176	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970585	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.30	0.014	0.66	< 0.005	8.14	< 0.1	< 0.01	23.2	0.10	0.187	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0970586	12	< 5	< 5	0.33	< 0.01	< 0.001	0.27	0.010	0.10	< 0.005	4.04	< 0.1	< 0.01	25.8	0.06	0.297	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970587	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.16	0.013	0.78	< 0.005	6.80	< 0.1	< 0.01	23.8	0.10	0.195	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970588	2	6	14	0.96	< 0.01	< 0.001	0.21	0.013	0.70	< 0.005	6.73	< 0.1	< 0.01	23.7	0.10	0.188	< 0.01	0.03	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970589	< 2	41	27	0.97	< 0.01	< 0.001	1.83	0.014	0.61	< 0.005	7.21	< 0.1	< 0.01	22.8	0.10	0.166	< 0.01	0.07	< 0.01	16.9	0.03	< 0.005	0.01
A0970590	< 2	< 5	< 5	0.99	< 0.01	< 0.001	2.84	0.014	0.68	0.013	7.74	< 0.1	< 0.01	21.2	0.11	0.159	< 0.01	0.01	< 0.01	16.5	0.04	< 0.005	< 0.01
A0970591	< 2	< 5	< 5	0.78	< 0.01	< 0.001	2.50	0.012	0.61	< 0.005	6.58	< 0.1	< 0.01	22.2	0.09	0.184	< 0.01	0.02	< 0.01	16.3	0.03	< 0.005	< 0.01
A0970592	< 2	< 5	< 5	0.66	< 0.01	< 0.001	2.06	0.012	0.71	< 0.005	6.53	< 0.1	< 0.01	23.0	0.09	0.198	< 0.01	0.03	< 0.01	16.0	0.03	< 0.005	< 0.01
A0970593	< 2	6	5	0.96	< 0.01	< 0.001	1.36	0.014	1.12	< 0.005	8.02	< 0.1	< 0.01	22.2	0.09	0.178	< 0.01	0.03	< 0.01	16.4	0.03	< 0.005	< 0.01
A0970594	< 2	< 5	< 5	0.85	< 0.01	< 0.001	2.03	0.012	0.83	< 0.005	6.71	< 0.1	< 0.01	22.7	0.08	0.191	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970595	< 2	< 5	< 5	0.65	< 0.01	< 0.001	2.16	0.012	0.54	< 0.005	6.68	< 0.1	< 0.01	22.5	0.09	0.185	< 0.01	0.02	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970596	3	< 5	< 5	0.92	< 0.01	< 0.001	1.35	0.013	1.70	< 0.005	7.47	< 0.1	< 0.01	22.5	0.11	0.190	< 0.01	0.02	< 0.01	16.1	0.03	< 0.005	< 0.01
A0970597	< 2	< 5	< 5	0.83	< 0.01	< 0.001	1.10	0.014	0.88	< 0.005	7.52	< 0.1	< 0.01	22.8	0.09	0.201	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970598	< 2	< 5	< 5	6.88	< 0.01	< 0.001	4.10	0.002	0.01	< 0.005	3.29	2.0	< 0.01	1.69	0.05	0.009	< 0.01	< 0.01	< 0.01	30.3	0.26	< 0.005	< 0.01
A0970599	< 2	< 5	< 5	0.89	< 0.01	< 0.001	0.87	0.013	0.94	< 0.005	7.48	< 0.1	< 0.01	23.0	0.09	0.193	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970600	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.70	0.013	0.51	< 0.005	7.29	< 0.1	< 0.01	23.4	0.08	0.194	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970601	< 2	< 5	< 5	0.82	< 0.01	< 0.001	1.20	0.013	0.74	< 0.005	7.47	< 0.1	< 0.01	23.1	0.10	0.194	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970602	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.90	0.014	0.74	< 0.005	7.44	< 0.1	< 0.01	23.2	0.10	0.193	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970603	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.67	0.014	0.64	< 0.005	7.60	< 0.1	< 0.01	23.5	0.10	0.207	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970604	< 2	< 5	5	0.86	< 0.01	< 0.001	0.83	0.013	0.66	< 0.005	7.21	< 0.1	< 0.01	23.0	0.10	0.194	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970605	< 2	< 5	< 5	0.83	< 0.01	< 0.001	1.29	0.015	0.53	< 0.005	9.51	< 0.1	< 0.01	21.9	0.11	0.173	< 0.01	0.02	< 0.01	16.4	0.03	< 0.005	< 0.01
A0970606	< 2	< 5	< 5	0.95	< 0.01	< 0.001	0.45	0.013	0.74	< 0.005	7.26	< 0.1	< 0.01	23.3	0.10	0.187	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970607	< 2	< 5	< 5	0.98	< 0.01	< 0.001	2.11	0.012	0.70	< 0.005	7.06	< 0.1	< 0.01	22.0	0.11	0.182	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970608	< 2	< 5	10	0.95	< 0.01	< 0.001	0.45	0.013	0.57	< 0.005	6.72	< 0.1	< 0.01	23.5	0.10	0.202	< 0.01	0.03	< 0.01	17.7	0.04	< 0.005	< 0.01
A0970609	< 2	< 5	13	0.91	< 0.01	< 0.001	0.45	0.014	0.54	< 0.005	7.40	< 0.1	< 0.01	23.5	0.09	0.196	< 0.01	0.03	< 0.01	17.5	0.04	< 0.005	< 0.01
A0970610	< 2	< 5	9	0.95	< 0.01	< 0.001	0.95	0.014	0.79	< 0.005	7.82	< 0.1	< 0.01	23.2	0.10	0.204	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970611	< 2	10	< 5	0.85	< 0.01	< 0.001	0.78	0.013	0.45	< 0.005	7.09	< 0.1	< 0.01	23.2	0.08	0.172	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970612	< 2	< 5	5	0.95	< 0.01	< 0.001	0.46	0.014	0.49	< 0.005	7.96	< 0.1	< 0.01	23.4	0.08	0.185	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0970613	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.44	0.014	0.51	< 0.005	7.90	< 0.1	< 0.01	23.0	0.08	0.175	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970614	< 2	< 5	< 5	0.65	< 0.01	< 0.001	1.27	0.012	0.49	< 0.005	6.50	< 0.1	< 0.01	23.2	0.09	0.198	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0970615	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.56	0.013	0.50	< 0.005	6.85	< 0.1	< 0.01	24.2	0.09	0.195	< 0.01	0.03	< 0.01	17.3	0.03	< 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
PTM-1a Meas					0.22			2.05		24.5						47.8		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.06	0.013	1.55	< 0.005				31.4	0.08	0.382	< 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		0.000060	18.4			0.00450
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.129	14.0					3.37		7.30		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		0.141	12.3							19.4	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.58			3.14	8.23			0.03			2.10	13.5		17.2		0.105	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											45.0				0.27					4.48	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.64			5.62		1.09		8.43	2.3		2.95	0.13			1.16		23.4	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.04									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.84									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
PK2 Meas	4870	6010	5020																				
PK2 Cert	4785	5918	4749																				
CZN-4 Meas				0.08	0.04			0.011		0.416							0.18	34.6		0.28			56.7
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	
OREAS 621 (Peroxide Fusion) Meas				6.86	< 0.01	< 0.001	2.04	0.003	< 0.01	0.365	3.80	2.3		0.50	0.05		1.33	4.55	0.01	28.9	0.18	< 0.005	5.18
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.15	0.10			0.030		22.0	31.0			0.72	< 0.01		0.70	36.5	0.01				2.95

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
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	1770	1660	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970590 Orig	< 2	< 5	5																				
A0970590 Dup	< 2	< 5	< 5																				
A0970600 Orig	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.70	0.013	0.51	< 0.005	7.27	< 0.1	< 0.01	23.4	0.08	0.190	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970600 Dup	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.70	0.013	0.52	< 0.005	7.32	< 0.1	< 0.01	23.5	0.08	0.197	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970607 Orig				0.98	< 0.01	< 0.001	2.10	0.012	0.68	< 0.005	7.01	< 0.1	< 0.01	22.1	0.11	0.180	< 0.01	0.03	< 0.01	16.5	0.04	< 0.005	< 0.01
A0970607 Dup				0.99	< 0.01	< 0.001	2.11	0.012	0.72	< 0.005	7.12	< 0.1	< 0.01	21.9	0.11	0.185	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970615 Orig	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.56	0.013	0.50	< 0.005	6.85	< 0.1	< 0.01	24.2	0.09	0.195	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970615 Split PREP DUP	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.52	0.014	0.52	< 0.005	6.97	< 0.1	< 0.01	24.2	0.09	0.210	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04147**
Report Date: **06-May-20**
Date Submitted: **11-Apr-20**
Your Reference: **Crawford (CR20-C-A115)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-05 13:51:27
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-05-04 08:22:27

REPORT **A20-04147**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970616	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.56	0.013	0.55	< 0.005	6.39	< 0.1	< 0.01	24.2	0.10	0.211	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970617	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.36	0.013	0.61	< 0.005	7.32	< 0.1	< 0.01	23.8	0.09	0.210	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970618	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.78	0.012	0.53	< 0.005	6.45	< 0.1	< 0.01	23.6	0.09	0.193	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970619	< 2	< 5	< 5	0.59	< 0.01	< 0.001	1.21	0.014	0.53	< 0.005	6.35	< 0.1	< 0.01	23.7	0.10	0.200	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970620	< 2	7	9	0.58	< 0.01	< 0.001	0.68	0.014	0.50	< 0.005	6.75	< 0.1	< 0.01	24.0	0.09	0.198	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005	< 0.01
A0970621	< 2	< 5	6	0.60	< 0.01	< 0.001	0.66	0.013	0.55	< 0.005	6.58	< 0.1	< 0.01	23.9	0.10	0.210	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970622	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.63	0.014	0.49	0.014	7.07	< 0.1	< 0.01	23.5	0.09	0.197	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970623	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.63	0.014	0.50	0.014	7.14	< 0.1	< 0.01	23.8	0.09	0.199	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970624	< 2	< 5	< 5	7.00	< 0.01	< 0.001	4.49	0.002	0.02	< 0.005	4.05	1.5	< 0.01	2.10	0.07	0.008	< 0.01	0.03	< 0.01	30.1	0.32	< 0.005	< 0.01
A0970625	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.13	0.013	0.58	< 0.005	6.55	< 0.1	< 0.01	24.2	0.09	0.215	< 0.01	0.04	< 0.01	17.6	0.03	< 0.005	< 0.01
A0970626	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.14	0.013	0.56	< 0.005	6.64	< 0.1	< 0.01	24.4	0.09	0.198	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970627	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.58	0.014	0.60	< 0.005	6.58	< 0.1	< 0.01	24.1	0.10	0.194	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970628	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.05	0.014	0.67	< 0.005	7.27	< 0.1	< 0.01	23.9	0.09	0.202	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970629	< 2	< 5	< 5	0.89	< 0.01	< 0.001	0.20	0.014	1.15	< 0.005	6.77	< 0.1	< 0.01	23.7	0.10	0.186	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970630	< 2	< 5	< 5	0.93	< 0.01	< 0.001	0.71	0.014	0.90	< 0.005	7.59	< 0.1	< 0.01	23.1	0.09	0.183	< 0.01	0.05	< 0.01	16.7	0.04	< 0.005	< 0.01
A0970631	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.44	0.015	1.27	< 0.005	8.01	< 0.1	< 0.01	22.8	0.10	0.176	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970632	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.16	0.013	0.90	< 0.005	7.07	< 0.1	< 0.01	23.3	0.09	0.182	< 0.01	0.03	< 0.01	17.3	0.04	< 0.005	< 0.01
A0970633	8	< 5	< 5	0.30	< 0.01	< 0.001	0.21	0.008	0.09	< 0.005	3.60	< 0.1	< 0.01	23.7	0.06	0.261	< 0.01	0.05	< 0.01	15.3	0.02	< 0.005	< 0.01
A0970634	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.55	0.014	0.89	< 0.005	7.05	< 0.1	< 0.01	23.4	0.09	0.186	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970635	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.17	0.013	0.58	< 0.005	6.49	< 0.1	< 0.01	24.6	0.10	0.224	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970636	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.10	0.013	0.54	< 0.005	6.53	< 0.1	< 0.01	25.0	0.10	0.214	< 0.01	0.03	< 0.01	17.4	0.02	< 0.005	< 0.01
A0970637	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.23	0.014	0.53	< 0.005	6.67	< 0.1	< 0.01	24.6	0.10	0.223	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970638	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.34	0.014	0.52	< 0.005	7.74	< 0.1	< 0.01	24.0	0.10	0.213	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970639	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.09	0.012	0.58	< 0.005	6.25	< 0.1	< 0.01	24.6	0.10	0.216	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970640	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.60	0.014	0.61	< 0.005	6.92	< 0.1	< 0.01	23.7	0.10	0.196	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970641	< 2	< 5	< 5	0.96	< 0.01	< 0.001	0.23	0.014	1.15	< 0.005	7.39	< 0.1	< 0.01	23.5	0.10	0.184	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970642	< 2	< 5	< 5	1.01	< 0.01	< 0.001	0.15	0.015	1.02	< 0.005	8.10	< 0.1	< 0.01	22.8	0.10	0.185	< 0.01	0.03	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970643	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.22	0.014	1.30	< 0.005	6.90	< 0.1	< 0.01	23.0	0.11	0.191	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970644	< 2	< 5	< 5	1.10	< 0.01	< 0.001	0.29	0.014	1.39	< 0.005	6.99	< 0.1	< 0.01	22.9	0.12	0.193	< 0.01	0.03	< 0.01	17.5	0.04	< 0.005	< 0.01
A0970645	< 2	< 5	< 5	1.07	< 0.01	< 0.001	1.54	0.014	0.64	< 0.005	8.55	< 0.1	< 0.01	21.9	0.11	0.157	< 0.01	0.01	< 0.01	16.5	0.04	< 0.005	< 0.01
A0970646	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.27	0.014	0.61	< 0.005	8.34	< 0.1	< 0.01	22.8	0.12	0.159	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970647	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.80	0.014	0.58	< 0.005	8.53	< 0.1	< 0.01	22.0	0.12	0.153	< 0.01	< 0.01	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970648	< 2	< 5	< 5	1.07	< 0.01	< 0.001	1.15	0.014	0.68	< 0.005	8.55	< 0.1	< 0.01	22.4	0.12	0.173	< 0.01	0.02	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970649	< 2	< 5	6	0.99	< 0.01	< 0.001	0.83	0.014	0.59	< 0.005	8.43	< 0.1	< 0.01	22.3	0.11	0.164	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970650	8	< 5	< 5	0.90	< 0.01	< 0.001	1.44	0.013	0.53	< 0.005	7.86	< 0.1	< 0.01	22.0	0.11	0.158	< 0.01	0.01	< 0.01	17.2	0.03	< 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
PTM-1a Meas					0.21			2.09		24.8						49.5		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.65														3.70				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.12	0.013	1.60	< 0.005				30.9	0.08	0.376	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.125	14.0					3.29		7.38		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.404	32.6					10.4		24.4		5.69			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.0							19.6	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.31		2.61			3.13	8.12			0.03			2.09	14.0		17.4		0.110	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.6				0.27					4.52	13.3		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.55			5.64		1.09		8.53	2.2		3.02	0.13			1.13		23.3	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.03									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.77									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.010		0.426							0.19	33.3		0.28			55.5
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	
OREAS 45e (Fire Assay) Meas	56	80	111																				
OREAS 45e (Fire Assay) Cert	53	75	110																				
OREAS 621				6.70	< 0.01	< 0.001	2.12	0.003	< 0.01	0.375	3.78	2.3		0.51	0.06		1.34	4.55	0.02	28.8	0.18	< 0.005	5.12

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 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.10			0.032		23.0	32.7			0.74	0.01		0.73	34.9	0.01				2.99
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	1930	1780	237																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
NCS DC71307 Meas										0.044	44.4				< 0.01	< 0.005		52.0	< 0.01				0.03
NCS DC71307 Cert										0.0431	46.1				0.00289	0.00340		52.7	0.000110				0.0219
A0970621 Orig				0.59	< 0.01	< 0.001	0.66	0.014	0.54	< 0.005	6.60	< 0.1	< 0.01	23.8	0.10	0.211	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970621 Dup				0.60	< 0.01	< 0.001	0.65	0.013	0.55	< 0.005	6.56	< 0.1	< 0.01	23.9	0.10	0.209	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970625 Orig	< 2	< 5	< 5																				
A0970625 Dup	< 2	< 5	< 5																				
A0970629 Orig				0.90	< 0.01	< 0.001	0.20	0.014	1.14	< 0.005	6.76	< 0.1	< 0.01	23.7	0.10	0.190	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970629 Dup				0.89	< 0.01	< 0.001	0.21	0.013	1.15	< 0.005	6.78	< 0.1	< 0.01	23.6	0.10	0.181	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970635 Orig	< 2	< 5	< 5																				
A0970635 Dup	< 2	< 5	< 5																				
A0970644 Orig				1.10	< 0.01	< 0.001	0.29	0.014	1.40	< 0.005	7.02	< 0.1	< 0.01	22.8	0.12	0.191	< 0.01	0.03	< 0.01	17.5	0.04	< 0.005	< 0.01
A0970644 Dup				1.09	< 0.01	< 0.001	0.29	0.015	1.38	< 0.005	6.97	< 0.1	< 0.01	23.1	0.12	0.195	< 0.01	0.03	< 0.01	17.5	0.04	< 0.005	< 0.01
A0970650 Orig	8	< 5	< 5	0.90	< 0.01	< 0.001	1.44	0.013	0.53	< 0.005	7.86	< 0.1	< 0.01	22.0	0.11	0.158	< 0.01	0.01	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970650 Split PREP DUP	< 2	< 5	< 5	0.94	< 0.01	< 0.001	1.31	0.014	0.54	< 0.005	8.24	< 0.1	< 0.01	22.7	0.11	0.169	< 0.01	0.02	< 0.01	17.6	0.03	< 0.005	< 0.01
A0970650 Orig				0.91	< 0.01	< 0.001	1.47	0.013	0.53	< 0.005	7.87	< 0.1	< 0.01	22.0	0.11	0.157	< 0.01	0.01	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970650 Dup				0.90	< 0.01	< 0.001	1.41	0.013	0.53	< 0.005	7.85	< 0.1	< 0.01	22.0	0.11	0.159	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04212**
Report Date: **06-May-20**
Date Submitted: **14-Apr-20**
Your Reference: **Crawford (CR20-C-A116)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-04 13:01:56
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-04-30 14:28:07

REPORT **A20-04212**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970651	< 2	11	37	1.03	< 0.01	< 0.001	0.74	0.014	0.61	< 0.005	8.60	< 0.1	< 0.01	21.9	0.12	0.160	< 0.01	< 0.01	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970652	< 2	46	13	1.06	< 0.01	< 0.001	0.83	0.013	0.76	< 0.005	6.84	< 0.1	< 0.01	22.4	0.12	0.179	< 0.01	0.03	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970653	< 2	6	< 5	1.01	< 0.01	< 0.001	0.11	0.014	0.61	< 0.005	8.25	< 0.1	< 0.01	22.7	0.12	0.161	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970654	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.20	0.014	0.58	< 0.005	8.65	< 0.1	< 0.01	22.5	0.12	0.156	< 0.01	0.01	< 0.01	17.5	0.03	< 0.005	< 0.01
A0970655	< 2	< 5	< 5	0.90	< 0.01	< 0.001	0.25	0.014	0.55	< 0.005	9.34	< 0.1	< 0.01	22.6	0.13	0.147	< 0.01	0.01	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970656	< 2	< 5	< 5	0.88	< 0.01	< 0.001	0.75	0.015	0.54	0.007	9.73	< 0.1	< 0.01	22.1	0.13	0.150	< 0.01	< 0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
A0970657	< 2	< 5	< 5	7.09	< 0.01	< 0.001	3.70	< 0.002	0.01	< 0.005	3.17	2.0	< 0.01	1.73	0.05	0.009	< 0.01	< 0.01	< 0.01	27.2	0.27	< 0.005	< 0.01
A0970658	< 2	< 5	< 5	0.98	< 0.01	< 0.001	1.04	0.014	0.49	0.008	8.60	< 0.1	< 0.01	22.1	0.13	0.145	< 0.01	< 0.01	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970659	< 2	11	6	1.07	< 0.01	< 0.001	0.84	0.015	0.53	0.005	8.30	< 0.1	< 0.01	22.2	0.14	0.144	< 0.01	< 0.01	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970660	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.97	0.014	0.48	0.006	7.14	< 0.1	< 0.01	22.7	0.12	0.142	< 0.01	0.01	< 0.01	18.0	0.03	< 0.005	< 0.01
A0970661	< 2	< 5	< 5	1.06	< 0.01	< 0.001	1.10	0.016	0.49	< 0.005	8.23	< 0.1	< 0.01	22.2	0.13	0.138	< 0.01	< 0.01	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970662	< 2	54	< 5	1.18	< 0.01	< 0.001	1.30	0.015	0.51	< 0.005	7.72	< 0.1	< 0.01	22.3	0.13	0.125	< 0.01	< 0.01	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970663	< 2	28	8	1.38	< 0.01	< 0.001	1.42	0.015	0.54	< 0.005	7.62	< 0.1	< 0.01	21.8	0.14	0.119	< 0.01	< 0.01	< 0.01	17.1	0.04	< 0.005	< 0.01
A0970664	< 2	< 5	9	1.34	< 0.01	< 0.001	1.81	0.015	0.42	< 0.005	7.73	< 0.1	< 0.01	21.7	0.14	0.104	< 0.01	< 0.01	< 0.01	17.9	0.05	< 0.005	< 0.01
A0970665	< 2	< 5	< 5	1.52	< 0.01	< 0.001	1.57	0.016	0.52	0.008	7.57	< 0.1	< 0.01	21.5	0.15	0.098	< 0.01	< 0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
A0970666	< 2	< 5	< 5	1.38	< 0.01	< 0.001	1.59	0.015	0.39	< 0.005	8.36	< 0.1	< 0.01	21.1	0.14	0.094	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01
A0970667	< 2	< 5	< 5	1.33	< 0.01	< 0.001	1.61	0.014	0.40	< 0.005	8.02	< 0.1	< 0.01	21.1	0.15	0.092	< 0.01	< 0.01	< 0.01	17.8	0.07	< 0.005	< 0.01
A0970668	< 2	< 5	< 5	1.38	< 0.01	< 0.001	1.58	0.015	0.42	< 0.005	8.01	< 0.1	< 0.01	21.5	0.15	0.093	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
A0970669	< 2	< 5	< 5	1.46	< 0.01	< 0.001	1.48	0.015	0.41	< 0.005	7.62	< 0.1	< 0.01	21.4	0.14	0.092	< 0.01	< 0.01	< 0.01	17.9	0.06	< 0.005	< 0.01
A0970670	< 2	< 5	< 5	1.58	< 0.01	< 0.001	1.62	0.014	0.35	< 0.005	7.85	< 0.1	< 0.01	20.9	0.13	0.087	< 0.01	< 0.01	< 0.01	18.3	0.05	< 0.005	< 0.01
A0970671	< 2	< 5	6	1.61	< 0.01	< 0.001	1.58	0.013	0.46	< 0.005	8.10	< 0.1	< 0.01	21.0	0.13	0.084	< 0.01	< 0.01	< 0.01	18.3	0.05	< 0.005	< 0.01
A0970672	< 2	< 5	7	1.71	< 0.01	< 0.001	1.64	0.014	0.42	< 0.005	7.45	< 0.1	< 0.01	21.0	0.13	0.080	< 0.01	< 0.01	< 0.01	18.2	0.05	< 0.005	< 0.01
A0970673	3	21	42	1.56	< 0.01	< 0.001	2.60	0.012	0.42	0.006	6.85	< 0.1	< 0.01	21.1	0.14	0.064	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0970674	2	153	126	1.44	< 0.01	< 0.001	2.36	0.011	0.36	0.009	7.64	< 0.1	< 0.01	20.9	0.13	0.046	< 0.01	< 0.01	< 0.01	17.7	0.05	< 0.005	< 0.01
A0970675	132	114	93	1.34	< 0.01	< 0.001	6.36	0.011	0.25	0.022	7.05	< 0.1	< 0.01	19.3	0.15	0.037	< 0.01	< 0.01	< 0.01	17.6	0.04	< 0.005	< 0.01
A0970676	5	200	234	1.71	< 0.01	< 0.001	2.71	0.013	0.35	0.008	7.88	< 0.1	< 0.01	20.4	0.13	0.048	< 0.01	< 0.01	< 0.01	18.2	0.05	< 0.005	< 0.01
A0970677	37	364	447	2.86	< 0.01	< 0.001	8.02	0.011	0.32	0.025	7.32	< 0.1	< 0.01	15.0	0.15	0.042	< 0.01	0.01	< 0.01	18.9	0.20	< 0.005	< 0.01
A0970678	40	1110	1250	3.11	< 0.01	< 0.001	8.98	0.007	0.29	0.013	5.70	< 0.1	< 0.01	13.1	0.15	0.021	< 0.01	0.02	< 0.01	22.0	0.13	< 0.005	< 0.01
A0970679	41	59	142	1.95	< 0.01	< 0.001	4.93	0.008	0.53	0.047	6.05	< 0.1	< 0.01	14.9	0.12	0.035	< 0.01	0.25	< 0.01	24.5	0.10	< 0.005	< 0.01
A0970680	44	< 5	56	2.14	< 0.01	< 0.001	9.40	0.007	0.39	0.058	5.32	< 0.1	< 0.01	13.0	0.16	0.037	< 0.01	0.04	< 0.01	24.1	0.15	< 0.005	< 0.01
A0970681	37	< 5	15	2.13	< 0.01	< 0.001	11.5	0.006	0.37	0.040	4.78	< 0.1	< 0.01	11.6	0.14	0.029	< 0.01	0.03	< 0.01	24.9	0.14	< 0.005	< 0.01
A0970682	13	< 5	< 5	0.34	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	3.88	< 0.1	< 0.01	25.4	0.06	0.282	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970683	21	< 5	7	2.28	< 0.01	< 0.001	11.7	0.005	0.34	0.028	4.56	< 0.1	< 0.01	11.6	0.13	0.027	< 0.01	0.01	< 0.01	24.9	0.11	< 0.005	< 0.01
A0970684	70	< 5	5	2.38	< 0.01	< 0.001	11.9	0.005	0.31	0.040	4.48	< 0.1	< 0.01	11.5	0.13	0.029	< 0.01	0.02	< 0.01	25.3	0.09	< 0.005	< 0.01
A0970685	33	< 5	< 5	2.63	< 0.01	< 0.001	11.5	0.006	0.33	0.052	4.63	< 0.1	< 0.01	11.6	0.13	0.035	< 0.01	0.03	< 0.01	24.8	0.09	< 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
PTM-1a Meas					0.22			2.05		24.5						47.8		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.06	0.013	1.55	< 0.005				31.4	0.08	0.382	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.129	14.0					3.37		7.30		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		0.141	12.3							19.4	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.58			3.14	8.23			0.03			2.10	13.5		17.2		0.105	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											45.0				0.27					4.48	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.64			5.62		1.09		8.43	2.3		2.95	0.13			1.16		23.4	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86304 Meas													1.04									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86314 Meas													1.84									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
PK2 Meas	4970	6170	5070																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	5060	6250	4970																				
PK2 Cert	4785	5918	4749																				
CZN-4 Meas				0.08	0.04			0.011		0.416							0.18	34.6		0.28			56.7
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	
OREAS 621 (Peroxide Fusion) Meas				6.86	< 0.01	< 0.001	2.04	0.003	< 0.01	0.365	3.80	2.3		0.50	0.05		1.33	4.55	0.01	28.9	0.18	< 0.005	5.18
OREAS 621				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22

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																							
CCU-1e Meas				0.15	0.10			0.030		22.0	31.0			0.72	< 0.01		0.70	36.5	0.01				2.95
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	1900	1630	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1930	1740	228																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970657 Orig				7.04	< 0.01	< 0.001	3.69	0.002	0.01	< 0.005	3.11	2.0	< 0.01	1.67	0.05	0.008	< 0.01	< 0.01	< 0.01	25.0	0.26	< 0.005	< 0.01
A0970657 Dup				7.15	< 0.01	< 0.001	3.72	< 0.002	0.01	< 0.005	3.22	1.9	< 0.01	1.78	0.05	0.009	< 0.01	0.01	< 0.01	29.3	0.28	< 0.005	< 0.01
A0970660 Orig	< 2	< 5	< 5																				
A0970660 Dup	< 2	< 5	< 5																				
A0970665 Orig				1.54	< 0.01	< 0.001	1.57	0.016	0.52	0.008	7.58	< 0.1	< 0.01	21.8	0.15	0.098	< 0.01	< 0.01	< 0.01	18.0	0.06	< 0.005	< 0.01
A0970665 Dup				1.49	< 0.01	< 0.001	1.58	0.016	0.52	0.009	7.56	< 0.1	< 0.01	21.2	0.15	0.098	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0970670 Orig	< 2	< 5	< 5																				
A0970670 Dup	5	< 5	< 5																				
A0970680 Orig	51	5	58	2.17	< 0.01	< 0.001	9.47	0.007	0.39	0.057	5.35	< 0.1	< 0.01	13.1	0.16	0.037	< 0.01	0.04	< 0.01	24.3	0.15	< 0.005	< 0.01
A0970680 Dup	37	< 5	54	2.11	< 0.01	< 0.001	9.34	0.007	0.39	0.059	5.29	< 0.1	< 0.01	12.9	0.16	0.037	< 0.01	0.04	< 0.01	24.0	0.15	< 0.005	< 0.01
A0970685 Orig	33	< 5	< 5	2.63	< 0.01	< 0.001	11.5	0.006	0.33	0.052	4.63	< 0.1	< 0.01	11.6	0.13	0.035	< 0.01	0.03	< 0.01	24.8	0.09	< 0.005	< 0.01
A0970685 Split PREP DUP	29	< 5	< 5	2.60	< 0.01	< 0.001	11.6	0.006	0.34	0.054	4.62	< 0.1	< 0.01	11.6	0.13	0.035	< 0.01	0.03	< 0.01	24.8	0.09	< 0.005	< 0.01
A0970685 Split PREP DUP	29	< 5	< 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				< 0.01	< 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.: **A20-04217**
Report Date: **27-Apr-20**
Date Submitted: **14-Apr-20**
Your Reference: **Crawford (CR20-C-A117)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-04-24 13:21:34
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-04-22 15:37:49

REPORT **A20-04217**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970686	3	< 5	< 5	8.90	< 0.01	< 0.001	11.0	0.004	0.16	0.017	3.21	0.3	< 0.01	7.78	0.08	0.018	< 0.01	< 0.01	< 0.01	22.3	0.08	< 0.005	< 0.01
A0970687	2	< 5	< 5	9.42	< 0.01	< 0.001	9.73	0.004	0.13	0.013	3.03	0.8	< 0.01	7.30	0.07	0.017	< 0.01	< 0.01	< 0.01	21.9	0.05	< 0.005	< 0.01
A0970688	< 2	< 5	< 5	9.75	< 0.01	< 0.001	11.2	0.003	0.13	0.008	3.10	0.2	< 0.01	6.93	0.08	0.014	< 0.01	< 0.01	< 0.01	22.6	0.05	< 0.005	< 0.01
A0970689	< 2	< 5	< 5	9.28	< 0.01	< 0.001	10.6	0.004	0.11	0.010	3.45	0.2	< 0.01	7.46	0.08	0.014	< 0.01	< 0.01	< 0.01	22.7	0.06	< 0.005	< 0.01
A0970690	3	< 5	< 5	9.55	< 0.01	< 0.001	11.0	0.004	0.10	0.015	3.50	< 0.1	< 0.01	7.17	0.08	0.017	< 0.01	0.02	< 0.01	22.3	0.06	< 0.005	< 0.01
A0970691	< 2	< 5	< 5	7.09	< 0.01	< 0.001	4.87	< 0.002	0.02	< 0.005	3.08	1.6	< 0.01	1.67	0.06	0.009	< 0.01	0.03	< 0.01	29.3	0.25	< 0.005	< 0.01
A0970692	3	< 5	< 5	9.13	< 0.01	< 0.001	9.86	0.004	0.09	0.009	3.45	0.2	< 0.01	7.24	0.08	0.014	< 0.01	< 0.01	< 0.01	23.4	0.06	< 0.005	< 0.01
A0970693	19	< 5	< 5	9.08	< 0.01	< 0.001	9.67	0.004	0.07	0.017	3.38	< 0.1	< 0.01	6.87	0.08	0.013	< 0.01	< 0.01	< 0.01	23.6	0.11	< 0.005	< 0.01
A0970694	3	< 5	< 5	9.32	< 0.01	< 0.001	10.6	0.004	0.07	0.010	3.34	< 0.1	< 0.01	6.74	0.08	0.012	< 0.01	< 0.01	< 0.01	23.5	0.06	< 0.005	< 0.01
A0970695	7	< 5	< 5	9.38	< 0.01	< 0.001	11.0	0.004	0.07	0.012	3.68	0.1	< 0.01	7.37	0.09	0.015	< 0.01	< 0.01	< 0.01	22.3	0.06	< 0.005	< 0.01
A0970696	6	< 5	< 5	8.97	< 0.01	< 0.001	10.9	0.004	0.06	0.013	3.61	0.3	< 0.01	7.45	0.09	0.015	< 0.01	< 0.01	< 0.01	22.6	0.06	< 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
PTM-1a Meas					0.22			2.01		24.3						47.7		22.9					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
NIST 696 Meas				29.2					0.03														
NIST 696 Cert				28.9					0.03210														
DTS-2b Meas				0.22			0.10	0.014	1.60	< 0.005				31.0	0.08	0.380	< 0.01		< 0.01	18.6			< 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 07239 (NCS DC 70007) Meas					< 0.01			< 0.002		0.006					1.17	< 0.005	< 0.01					0.084	0.01
GBW 07239 (NCS DC 70007) Cert					0.0001			0.00135		0.005					1.15	0.00209	0.003					0.10	0.01
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.17	0.122	13.3					3.13		7.52		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							20.1	0.01				18.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.24		2.64			3.17	8.36			0.03			2.09	13.5		17.2		0.094	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
OREAS 101a (Fusion) Meas								0.005		0.045	11.2	2.3		1.21	0.10						0.39		
OREAS 101a (Fusion) Cert										0.043	11.06	2.34		1.23	0.10						0.395		
NCS DC73304 (GBW 07106) Meas					< 0.01	< 0.001		< 0.002	< 0.01	< 0.005			< 0.01		0.02	< 0.005	< 0.01	0.09	< 0.01	42.6	0.16	< 0.005	< 0.01
NCS DC73304 (GBW 07106) Cert																		0.09		42.24	0.16		
AMIS 0129 Meas											43.9				0.27					4.50	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
SARM 3 Meas										< 0.005					0.57		< 0.01						0.04
SARM 3 Cert															0.596								
OREAS 13b (fusion) Meas				8.37			5.71		1.11		8.58	2.3		3.00	0.13			1.16		22.9	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86315 Meas																						< 0.005	
NCS DC86315 Cert																						0.00214	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313						1																	

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
Cert																							
PK2 Meas	4540	5590	4590																				
PK2 Cert	4785	5918	4749																				
CPB-2 Meas				0.07						0.129	7.04			0.07			65.1						6.07
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.011		0.428							0.18	34.6		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
Copper Shot Meas										101													
Copper Shot Cert										99.999													
OREAS 922 (Peroxide Fusion) Meas				7.60			0.48	0.003	< 0.01	0.235	5.78	2.6	< 0.01	1.60	0.09	< 0.005	< 0.01	0.38		30.7	0.44		0.03
OREAS 922 (Peroxide Fusion) Cert				7.59			0.49	0.002	0.009	0.222	5.71	2.60	0.003	1.61	0.09	0.004	0.006	0.389		30.51	0.439		0.03
OREAS 621 (Peroxide Fusion) Meas				6.69	< 0.01	< 0.001	1.96	0.004	< 0.01	0.377	3.75	2.2		0.50	0.06		1.32	4.36	0.01	28.3	0.18	< 0.005	5.03
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.11			0.031		22.9	31.5			0.73	< 0.01		0.71	35.1	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-30 Meas	1840	1740	222																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970693 Orig				8.99	< 0.01	< 0.001	9.74	0.004	0.07	0.017	3.40	< 0.1	< 0.01	6.99	0.08	0.012	< 0.01	0.01	< 0.01	23.3	0.11	< 0.005	< 0.01
A0970693 Dup				9.17	< 0.01	< 0.001	9.60	0.004	0.07	0.016	3.36	< 0.1	< 0.01	6.75	0.08	0.013	< 0.01	< 0.01	< 0.01	23.8	0.10	< 0.005	< 0.01
A0970696 Orig	6	< 5	< 5	8.97	< 0.01	< 0.001	10.9	0.005	0.06	0.014	3.60	0.3	< 0.01	7.47	0.09	0.015	< 0.01	< 0.01	< 0.01	22.6	0.06	< 0.005	< 0.01
A0970696 Dup	6	< 5	< 5	8.96	< 0.01	< 0.001	10.9	0.004	0.06	0.013	3.61	0.3	< 0.01	7.42	0.09	0.015	< 0.01	0.01	< 0.01	22.5	0.06	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04386**
Report Date: **15-May-20**
Date Submitted: **20-Apr-20**
Your Reference: **Crawford (CR20-C-C36)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-06 11:59:49
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-05-06 08:21:41

REPORT **A20-04386**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
B11233	0.54	< 0.01	< 0.001	0.07	0.013	0.81	< 0.005	6.65	< 0.1	< 0.01	24.9	0.09	0.270	< 0.01	0.02	< 0.01	16.2	0.03	< 0.005	< 0.01	3	< 5	< 5
B11234	0.49	< 0.01	< 0.001	0.09	0.014	0.75	< 0.005	7.25	< 0.1	< 0.01	24.5	0.09	0.269	< 0.01	0.02	< 0.01	16.1	0.03	< 0.005	< 0.01	6	< 5	< 5
B11235	0.45	< 0.01	< 0.001	0.09	0.013	0.78	< 0.005	6.36	< 0.1	< 0.01	25.1	0.09	0.264	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01	4	< 5	< 5
B11236	0.48	< 0.01	< 0.001	0.08	0.012	0.79	< 0.005	5.85	< 0.1	< 0.01	25.3	0.08	0.268	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	0.01	3	< 5	< 5
B11237	0.47	< 0.01	< 0.001	0.08	0.013	0.82	< 0.005	5.69	< 0.1	< 0.01	25.2	0.09	0.281	< 0.01	0.02	< 0.01	16.8	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11238	0.46	< 0.01	< 0.001	0.29	0.013	0.64	< 0.005	5.73	< 0.1	< 0.01	25.0	0.08	0.260	< 0.01	0.01	< 0.01	16.8	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11239	0.45	< 0.01	< 0.001	0.10	0.014	0.70	< 0.005	6.34	< 0.1	< 0.01	24.9	0.09	0.272	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01	3	< 5	< 5
B11240	0.43	< 0.01	< 0.001	0.09	0.013	0.80	< 0.005	6.26	< 0.1	< 0.01	24.9	0.08	0.292	< 0.01	0.01	< 0.01	16.1	0.02	< 0.005	< 0.01	3	< 5	< 5
B11241	0.43	< 0.01	< 0.001	< 0.01	0.012	0.80	< 0.005	6.16	< 0.1	< 0.01	24.8	0.08	0.272	< 0.01	0.03	< 0.01	16.0	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11242	7.35	< 0.01	< 0.001	3.10	< 0.002	0.02	< 0.005	4.25	1.5	< 0.01	1.96	0.07	0.009	< 0.01	0.03	< 0.01	29.7	0.31	< 0.005	< 0.01	< 2	< 5	< 5
B11243	0.33	< 0.01	< 0.001	< 0.01	0.013	0.76	< 0.005	5.84	< 0.1	< 0.01	25.4	0.09	0.272	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11244	0.32	< 0.01	< 0.001	< 0.01	0.012	0.63	< 0.005	5.55	< 0.1	< 0.01	26.1	0.09	0.273	< 0.01	0.02	< 0.01	16.5	0.02	< 0.005	< 0.01	2	< 5	< 5
B11245	0.38	< 0.01	< 0.001	0.05	0.013	0.65	< 0.005	7.19	< 0.1	< 0.01	25.2	0.09	0.274	< 0.01	0.03	< 0.01	15.8	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11246	0.37	< 0.01	< 0.001	0.16	0.012	0.60	< 0.005	7.26	< 0.1	< 0.01	25.0	0.09	0.277	< 0.01	0.01	< 0.01	15.9	0.02	< 0.005	< 0.01	2	< 5	< 5
B11247	0.25	< 0.01	< 0.001	< 0.01	0.012	0.69	< 0.005	4.98	< 0.1	< 0.01	26.1	0.09	0.270	< 0.01	0.02	< 0.01	16.7	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11248	0.26	< 0.01	< 0.001	0.02	0.012	0.71	< 0.005	5.01	< 0.1	< 0.01	26.1	0.09	0.271	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11249	0.28	< 0.01	< 0.001	0.02	0.012	0.77	< 0.005	5.79	< 0.1	< 0.01	25.6	0.09	0.287	< 0.01	0.02	< 0.01	16.2	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11250	0.30	< 0.01	< 0.001	0.02	0.012	0.70	< 0.005	5.83	< 0.1	< 0.01	25.5	0.08	0.276	< 0.01	0.03	< 0.01	16.4	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11251	0.27	< 0.01	< 0.001	< 0.01	0.012	0.74	< 0.005	5.30	< 0.1	< 0.01	25.9	0.09	0.269	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01	2	< 5	< 5
B11252	0.30	< 0.01	< 0.001	0.02	0.013	0.70	< 0.005	7.74	< 0.1	< 0.01	25.4	0.09	0.291	< 0.01	0.03	< 0.01	15.5	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11253	0.28	< 0.01	< 0.001	0.02	0.013	0.63	< 0.005	6.42	< 0.1	< 0.01	25.5	0.09	0.292	< 0.01	0.02	< 0.01	16.0	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11254	0.23	< 0.01	< 0.001	< 0.01	0.013	0.54	< 0.005	6.35	< 0.1	< 0.01	25.8	0.08	0.281	< 0.01	0.02	< 0.01	16.2	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11255	0.21	< 0.01	< 0.001	0.07	0.013	0.51	< 0.005	5.70	< 0.1	< 0.01	25.6	0.09	0.286	< 0.01	0.02	< 0.01	16.2	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11256	0.20	< 0.01	< 0.001	0.12	0.012	0.50	< 0.005	5.54	< 0.1	< 0.01	25.4	0.09	0.277	< 0.01	0.01	< 0.01	16.4	0.01	< 0.005	< 0.01	3	< 5	< 5
B11257	0.34	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	4.01	< 0.1	< 0.01	25.9	0.06	0.294	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01	12	< 5	< 5
B11258	0.28	< 0.01	< 0.001	0.01	0.011	0.51	< 0.005	5.55	< 0.1	< 0.01	26.0	0.08	0.298	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01	2	< 5	< 5
B11259	0.31	< 0.01	< 0.001	0.16	0.013	0.58	< 0.005	6.35	< 0.1	< 0.01	26.1	0.09	0.313	< 0.01	0.03	< 0.01	16.5	0.01	< 0.005	< 0.01	3	< 5	< 5
B11260	0.23	< 0.01	< 0.001	< 0.01	0.013	0.60	0.007	5.44	< 0.1	< 0.01	26.1	0.10	0.292	< 0.01	< 0.01	< 0.01	16.2	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11261	0.25	< 0.01	< 0.001	0.22	0.013	0.59	< 0.005	6.98	< 0.1	< 0.01	25.6	0.09	0.282	< 0.01	0.02	< 0.01	15.9	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11262	0.24	< 0.01	< 0.001	0.19	0.013	0.69	< 0.005	6.04	< 0.1	< 0.01	25.7	0.09	0.281	< 0.01	0.02	< 0.01	16.1	< 0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11263	0.22	< 0.01	< 0.001	< 0.01	0.014	0.61	< 0.005	5.52	< 0.1	< 0.01	25.7	0.09	0.277	< 0.01	0.01	< 0.01	16.7	< 0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11264	0.35	< 0.01	< 0.001	0.02	0.011	0.65	< 0.005	5.57	< 0.1	< 0.01	26.2	0.08	0.330	< 0.01	0.05	< 0.01	17.0	0.02	< 0.005	< 0.01	5	11	< 5
B11265	0.43	< 0.01	< 0.001	< 0.01	0.012	0.70	< 0.005	6.11	< 0.1	< 0.01	25.2	0.08	0.436	< 0.01	0.09	< 0.01	16.6	0.02	< 0.005	< 0.01	71	25	15
B11266	0.29	< 0.01	< 0.001	0.11	0.013	0.66	< 0.005	5.93	< 0.1	< 0.01	25.5	0.09	0.308	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01	17	6	< 5
B11267	0.29	< 0.01	< 0.001	0.05	0.013	0.60	< 0.005	5.54	< 0.1	< 0.01	26.1	0.09	0.292	< 0.01	0.03	< 0.01	16.7	0.01	< 0.005	< 0.01	9	< 5	< 5

Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
CD-1 Meas		0.66														3.57							
CD-1 Cert		0.660														3.57							
DTS-2b Meas	0.22			0.08	0.013	1.56	< 0.005				30.6	0.08	0.382	< 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					1.08	< 0.005	< 0.01			16.4		0.358	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 74a (Fusion) Meas		< 0.01			0.059	0.18	0.127	13.9					3.30		7.52		15.3						
Oreas 74a (Fusion) Cert		0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14						
Oreas 77a (Fusion) Meas		0.01			0.161	0.08	0.412	32.4					10.4		24.9		6.00						
Oreas 77a (Fusion) Cert		0.02			0.1675		0.4400	34.0					10.71		26.2		6.21						
OREAS 134b (Fusion) Meas		0.02			0.011		0.138	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			
MP-1b Meas		2.16		2.21			2.98	8.03			0.03			1.99	12.7		16.4		0.096	15.9			
MP-1b Cert		2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7			
AMIS 0129 Meas								44.8				0.27					4.52	13.8					
AMIS 0129 Cert								43.573				0.28					4.47	13.75					
NCS DC86303 Meas										0.21									< 0.005				
NCS DC86303 Cert										0.21									0.0009				
NCS DC86314 Meas										1.78									0.008				
NCS DC86314 Cert										1.81													
NCS DC86313 Meas			1.088																				
NCS DC86313 Cert			1																				
CZN-4 Meas	0.07	0.04			0.012		0.417							0.19	34.2		0.27			57.0			
CZN-4 Cert	0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07			
W 106 Meas																			2.17				
W 106 Cert																			2.16				
OREAS 45e (Fire Assay) Meas																					52	72	103
OREAS 45e (Fire Assay) Cert																					53	75	110
CCU-1e Meas	0.14	0.11			0.031		22.9	32.0			0.74	< 0.01		0.71	35.9	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																					2020	1680	252
CDN-PGMS-30 Cert																					1897.000	1660.000	223.000
CDN-PGMS-30 Meas																					1930	1670	236
CDN-PGMS-30 Cert																					1897.000	1660.000	223.000
B11239 Orig	0.45	< 0.01	< 0.001	0.09	0.014	0.69	< 0.005	6.32	< 0.1	< 0.01	25.0	0.09	0.273	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01			

Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
B11239 Dup	0.45	< 0.01	< 0.001	0.11	0.014	0.70	< 0.005	6.37	< 0.1	< 0.01	24.8	0.09	0.271	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01			
B11242 Orig																					< 2	< 5	< 5
B11242 Dup																					3	< 5	< 5
B11247 Orig	0.25	< 0.01	< 0.001	0.02	0.012	0.69	< 0.005	4.97	< 0.1	< 0.01	26.2	0.09	0.270	< 0.01	0.03	< 0.01	16.8	0.01	< 0.005	< 0.01			
B11247 Dup	0.25	< 0.01	< 0.001	< 0.01	0.012	0.69	< 0.005	4.99	< 0.1	< 0.01	26.1	0.09	0.269	< 0.01	0.01	< 0.01	16.6	0.01	< 0.005	< 0.01			
B11252 Orig																					< 2	< 5	< 5
B11252 Dup																					< 2	< 5	< 5
B11262 Orig	0.24	< 0.01	< 0.001	0.24	0.013	0.70	< 0.005	6.07	< 0.1	< 0.01	25.5	0.10	0.281	< 0.01	0.02	< 0.01	15.9	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11262 Dup	0.24	< 0.01	< 0.001	0.15	0.012	0.67	< 0.005	6.01	< 0.1	< 0.01	25.8	0.09	0.280	< 0.01	0.01	< 0.01	16.2	< 0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11267 Orig	0.29	< 0.01	< 0.001	0.05	0.013	0.60	< 0.005	5.54	< 0.1	< 0.01	26.1	0.09	0.292	< 0.01	0.03	< 0.01	16.7	0.01	< 0.005	< 0.01	9	< 5	< 5
B11267 Split PREP DUP	0.23	< 0.01	< 0.001	0.02	0.013	0.54	< 0.005	5.07	< 0.1	< 0.01	26.0	0.08	0.281	< 0.01	0.03	< 0.01	16.8	0.01	< 0.005	< 0.01	3	< 5	< 5
B11267 Split PREP DUP																					3	< 5	< 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			

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04387**
Report Date: **15-May-20**
Date Submitted: **20-Apr-20**
Your Reference: **Crawford (CR20-C-C37)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-07 11:57:49
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-05-06 08:21:41

REPORT **A20-04387**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
B11268	0.28	< 0.01	< 0.001	0.03	0.012	0.55	< 0.005	5.37	< 0.1	< 0.01	26.0	0.08	0.290	< 0.01	0.03	< 0.01	16.3	0.01	< 0.005	< 0.01	6	< 5	< 5
B11269	0.27	< 0.01	< 0.001	0.25	0.013	0.57	< 0.005	5.83	< 0.1	< 0.01	26.0	0.09	0.290	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01	5	< 5	< 5
B11270	0.24	< 0.01	< 0.001	0.23	0.013	0.56	< 0.005	5.74	< 0.1	< 0.01	25.7	0.09	0.281	< 0.01	0.03	< 0.01	16.6	0.01	< 0.005	< 0.01	3	< 5	< 5
B11271	0.25	< 0.01	< 0.001	0.11	0.012	0.55	< 0.005	5.05	< 0.1	< 0.01	26.0	0.08	0.270	< 0.01	0.02	< 0.01	16.7	0.01	< 0.005	< 0.01	4	< 5	< 5
B11272	0.44	< 0.01	< 0.001	< 0.01	0.011	0.58	< 0.005	4.67	< 0.1	< 0.01	24.9	0.08	0.270	< 0.01	0.02	< 0.01	16.3	0.03	< 0.005	< 0.01	7	< 5	< 5
B11273	0.34	< 0.01	< 0.001	< 0.01	0.012	0.53	< 0.005	5.73	< 0.1	< 0.01	25.8	0.08	0.280	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01	4	< 5	< 5
B11274	0.34	< 0.01	< 0.001	0.02	0.012	0.57	< 0.005	6.69	< 0.1	< 0.01	25.1	0.09	0.300	< 0.01	0.04	< 0.01	16.2	0.02	< 0.005	< 0.01	2	< 5	< 5
B11275	6.12	< 0.01	< 0.001	6.96	< 0.002	< 0.01	< 0.005	2.52	1.5	< 0.01	2.01	0.04	0.005	< 0.01	0.07	< 0.01	28.7	0.19	< 0.005	< 0.01	< 2	< 5	< 5
B11276	0.25	< 0.01	< 0.001	0.02	0.012	0.57	< 0.005	5.09	< 0.1	< 0.01	26.2	0.09	0.283	< 0.01	0.02	< 0.01	16.8	0.01	< 0.005	< 0.01	3	< 5	< 5
B11277	0.27	< 0.01	< 0.001	< 0.01	0.012	0.62	< 0.005	5.63	< 0.1	< 0.01	25.4	0.08	0.281	< 0.01	0.02	< 0.01	16.0	0.01	< 0.005	< 0.01	3	< 5	< 5
B11278	0.26	< 0.01	< 0.001	< 0.01	0.013	0.58	< 0.005	5.58	< 0.1	< 0.01	25.7	0.08	0.273	< 0.01	0.03	< 0.01	16.4	0.01	< 0.005	< 0.01	3	< 5	< 5
B11279	0.29	< 0.01	< 0.001	0.04	0.012	0.54	< 0.005	4.67	< 0.1	< 0.01	25.9	0.08	0.269	< 0.01	0.03	< 0.01	16.9	0.01	< 0.005	< 0.01	2	< 5	< 5
B11280	0.35	< 0.01	< 0.001	0.08	0.011	0.54	< 0.005	4.84	< 0.1	< 0.01	25.7	0.08	0.269	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11281	0.27	< 0.01	< 0.001	0.20	0.012	0.61	< 0.005	5.93	< 0.1	< 0.01	25.3	0.09	0.285	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11282	0.26	< 0.01	< 0.001	0.09	0.012	0.62	< 0.005	4.91	< 0.1	< 0.01	25.8	0.08	0.283	< 0.01	0.04	< 0.01	16.8	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11283	0.24	< 0.01	< 0.001	0.07	0.012	0.64	< 0.005	5.49	< 0.1	< 0.01	25.4	0.08	0.288	< 0.01	0.03	< 0.01	16.5	0.01	< 0.005	< 0.01	4	< 5	< 5
B11284	0.23	< 0.01	< 0.001	0.04	0.012	0.62	< 0.005	5.86	< 0.1	< 0.01	25.4	0.08	0.282	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11285	0.25	< 0.01	< 0.001	0.05	0.013	0.66	< 0.005	5.72	< 0.1	< 0.01	25.4	0.08	0.293	< 0.01	0.03	< 0.01	16.4	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11286	0.30	< 0.01	< 0.001	0.03	0.012	0.72	< 0.005	5.66	< 0.1	< 0.01	25.4	0.08	0.291	< 0.01	0.04	< 0.01	16.3	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11287	0.40	< 0.01	< 0.001	0.02	0.012	0.57	< 0.005	6.40	< 0.1	< 0.01	24.8	0.08	0.277	< 0.01	0.02	< 0.01	16.3	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11288	0.40	< 0.01	< 0.001	0.04	0.012	0.58	< 0.005	6.45	< 0.1	< 0.01	24.9	0.08	0.286	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11289	0.34	< 0.01	< 0.001	0.07	0.012	0.68	< 0.005	5.79	< 0.1	< 0.01	24.9	0.08	0.278	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01	< 2	< 5	13
B11290	0.27	< 0.01	< 0.001	< 0.01	0.012	0.67	< 0.005	5.44	< 0.1	< 0.01	25.3	0.08	0.316	< 0.01	0.05	< 0.01	15.9	0.01	< 0.005	< 0.01	< 2	6	< 5
B11291	0.29	< 0.01	< 0.001	0.04	0.011	0.72	< 0.005	5.85	< 0.1	< 0.01	25.5	0.08	0.300	< 0.01	0.05	< 0.01	16.6	0.01	< 0.005	< 0.01	3	< 5	6
B11292	0.31	< 0.01	< 0.001	0.01	0.012	0.69	< 0.005	5.94	< 0.1	< 0.01	25.4	0.08	0.301	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11293	0.29	< 0.01	< 0.001	0.05	0.012	0.71	< 0.005	5.14	< 0.1	< 0.01	25.8	0.08	0.296	< 0.01	0.05	< 0.01	16.7	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11294	0.27	< 0.01	< 0.001	< 0.01	0.012	0.73	< 0.005	5.71	< 0.1	< 0.01	25.7	0.08	0.303	< 0.01	0.03	< 0.01	16.4	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11295	0.25	< 0.01	< 0.001	0.02	0.012	0.75	< 0.005	5.79	< 0.1	< 0.01	25.7	0.08	0.301	< 0.01	0.04	< 0.01	16.2	0.01	< 0.005	< 0.01	< 2	< 5	14
B11296	0.25	< 0.01	< 0.001	0.13	0.012	0.68	< 0.005	5.27	< 0.1	< 0.01	25.5	0.08	0.335	< 0.01	0.06	< 0.01	16.6	0.01	< 0.005	< 0.01	< 2	17	20
B11297	0.22	< 0.01	< 0.001	< 0.01	0.013	0.74	< 0.005	5.60	< 0.1	< 0.01	25.7	0.08	0.374	< 0.01	0.07	< 0.01	16.5	< 0.01	< 0.005	< 0.01	< 2	13	40
B11298	0.23	< 0.01	< 0.001	0.02	0.012	0.74	0.007	6.53	< 0.1	< 0.01	25.2	0.08	0.375	< 0.01	0.08	< 0.01	15.9	< 0.01	< 0.005	< 0.01	< 2	18	143
B11299	0.23	< 0.01	< 0.001	0.02	0.013	0.79	0.007	5.10	< 0.1	< 0.01	26.2	0.09	0.393	< 0.01	0.10	< 0.01	16.4	< 0.01	< 0.005	< 0.01	< 2	33	262
B11300	0.24	< 0.01	< 0.001	< 0.01	0.013	0.77	0.007	5.78	< 0.1	< 0.01	25.8	0.08	0.435	< 0.01	0.11	< 0.01	16.0	0.01	< 0.005	< 0.01	3	232	434
B11301	0.22	< 0.01	< 0.001	0.02	0.013	0.69	0.010	4.70	< 0.1	< 0.01	26.2	0.08	0.417	< 0.01	0.11	< 0.01	16.4	< 0.01	< 0.005	< 0.01	3	1230	39
B11302	0.26	< 0.01	< 0.001	< 0.01	0.014	0.79	0.009	6.73	< 0.1	< 0.01	25.5	0.08	0.432	< 0.01	0.12	< 0.01	15.9	0.01	< 0.005	< 0.01	11	1090	31

Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
CD-1 Meas		0.66														3.57							
CD-1 Cert		0.660														3.57							
DTS-2b Meas	0.22			0.08	0.013	1.56	< 0.005				30.6	0.08	0.382	< 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					1.08	< 0.005	< 0.01			16.4		0.358	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 74a (Fusion) Meas		< 0.01			0.059	0.18	0.127	13.9					3.30		7.52		15.3						
Oreas 74a (Fusion) Cert		0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14						
Oreas 77a (Fusion) Meas		0.01			0.161	0.08	0.412	32.4					10.4		24.9		6.00						
Oreas 77a (Fusion) Cert		0.02			0.1675		0.4400	34.0					10.71		26.2		6.21						
OREAS 134b (Fusion) Meas		0.02			0.011		0.138	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			
MP-1b Meas		2.16		2.21			2.98	8.03			0.03			1.99	12.7		16.4		0.096	15.9			
MP-1b Cert		2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7			
AMIS 0129 Meas								44.8				0.27					4.52	13.8					
AMIS 0129 Cert								43.573				0.28					4.47	13.75					
NCS DC86303 Meas										0.21									< 0.005				
NCS DC86303 Cert										0.21									0.0009				
NCS DC86314 Meas										1.78									0.008				
NCS DC86314 Cert										1.81													
NCS DC86313 Meas			1.088																				
NCS DC86313 Cert			1																				
CZN-4 Meas	0.07	0.04			0.012		0.417							0.19	34.2		0.27			57.0			
CZN-4 Cert	0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07			
W 106 Meas																			2.17				
W 106 Cert																			2.16				
OREAS 45e (Fire Assay) Meas																					52	80	113
OREAS 45e (Fire Assay) Cert																					53	75	110
OREAS 45e (Fire Assay) Meas																					50	75	104
OREAS 45e (Fire Assay) Cert																					53	75	110
CCU-1e Meas	0.14	0.11			0.031		22.9	32.0			0.74	< 0.01		0.71	35.9	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																					1930	1680	239
CDN-PGMS-30 Cert																					1897.000	1660.000	223.000
CDN-PGMS-30																					1930	1670	235

Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
Meas																							
CDN-PGMS-30 Cert																					1897.000	1660.000	223.000
B11273 Orig	0.34	< 0.01	< 0.001	< 0.01	0.012	0.53	< 0.005	5.74	< 0.1	< 0.01	25.8	0.08	0.283	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01			
B11273 Dup	0.34	< 0.01	< 0.001	< 0.01	0.012	0.52	0.011	5.71	< 0.1	< 0.01	25.7	0.08	0.277	< 0.01	0.03	< 0.01	16.8	0.02	< 0.005	< 0.01			
B11281 Orig	0.27	< 0.01	< 0.001	0.19	0.012	0.59	< 0.005	5.93	< 0.1	< 0.01	25.4	0.09	0.282	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01			
B11281 Dup	0.27	< 0.01	< 0.001	0.21	0.012	0.62	< 0.005	5.94	< 0.1	< 0.01	25.2	0.09	0.288	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01			
B11287 Orig																					< 2	< 5	< 5
B11287 Dup																					< 2	< 5	< 5
B11296 Orig	0.25	< 0.01	< 0.001	0.10	0.012	0.67	< 0.005	5.24	< 0.1	< 0.01	25.4	0.08	0.336	< 0.01	0.06	< 0.01	16.5	0.01	< 0.005	< 0.01			
B11296 Dup	0.25	< 0.01	< 0.001	0.15	0.012	0.69	< 0.005	5.31	< 0.1	< 0.01	25.7	0.08	0.334	< 0.01	0.06	< 0.01	16.7	0.01	< 0.005	< 0.01			
B11302 Orig	0.26	< 0.01	< 0.001	< 0.01	0.014	0.79	0.009	6.73	< 0.1	< 0.01	25.5	0.08	0.432	< 0.01	0.12	< 0.01	15.9	0.01	< 0.005	< 0.01	11	1090	31
B11302 Split PREP DUP	0.25	< 0.01	< 0.001	0.02	0.014	0.82	0.010	6.61	< 0.1	< 0.01	25.4	0.08	0.422	< 0.01	0.11	< 0.01	16.2	0.01	< 0.005	< 0.01	11	1300	37
B11302 Orig	0.26	< 0.01	< 0.001	0.02	0.014	0.79	0.009	6.71	< 0.1	< 0.01	25.4	0.08	0.434	< 0.01	0.12	< 0.01	16.0	0.01	< 0.005	< 0.01			
B11302 Dup	0.26	< 0.01	< 0.001	< 0.01	0.014	0.80	0.009	6.76	< 0.1	< 0.01	25.5	0.08	0.431	< 0.01	0.12	< 0.01	15.9	0.01	< 0.005	< 0.01			
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																					< 2	< 5	< 5
Method Blank																					< 2	< 5	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04388**
Report Date: **15-May-20**
Date Submitted: **20-Apr-20**
Your Reference: **Crawford (CR20-C-C38)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-06 11:59:49
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-05-06 08:21:41

REPORT **A20-04388**

Notes:

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
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Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
B11303	0.22	< 0.01	< 0.001	< 0.01	0.013	0.76	0.009	5.00	< 0.1	< 0.01	26.0	0.08	0.411	< 0.01	0.11	< 0.01	16.5	< 0.01	< 0.005	< 0.01	< 2	22	9
B11304	0.21	< 0.01	< 0.001	0.13	0.014	0.72	0.015	6.28	< 0.1	< 0.01	25.8	0.08	0.373	< 0.01	0.11	< 0.01	16.0	< 0.01	< 0.005	< 0.01	< 2	19	< 5
B11305	0.23	< 0.01	< 0.001	0.22	0.014	0.68	0.016	7.03	< 0.1	< 0.01	25.6	0.08	0.319	< 0.01	0.08	< 0.01	16.3	< 0.01	< 0.005	< 0.01	< 2	15	6
B11306	0.21	< 0.01	< 0.001	0.02	0.014	0.73	0.013	5.64	< 0.1	< 0.01	25.9	0.08	0.300	< 0.01	0.07	< 0.01	16.2	< 0.01	< 0.005	< 0.01	< 2	11	< 5
B11307	0.25	< 0.01	< 0.001	0.08	0.014	0.78	0.015	6.36	< 0.1	< 0.01	25.6	0.08	0.366	< 0.01	0.12	< 0.01	16.0	0.01	< 0.005	< 0.01	< 2	19	8
B11308	0.26	< 0.01	< 0.001	0.10	0.014	0.74	0.007	5.60	< 0.1	< 0.01	25.6	0.08	0.329	< 0.01	0.09	< 0.01	16.3	0.01	< 0.005	< 0.01	< 2	22	10
B11309	0.23	< 0.01	< 0.001	0.10	0.014	0.78	0.005	5.11	< 0.1	< 0.01	25.8	0.08	0.342	< 0.01	0.10	< 0.01	16.6	< 0.01	< 0.005	< 0.01	< 2	33	10
B11310	0.26	< 0.01	< 0.001	0.08	0.013	0.78	0.005	6.21	< 0.1	< 0.01	25.8	0.08	0.300	< 0.01	0.08	< 0.01	16.3	0.01	< 0.005	< 0.01	6	16	< 5
B11311	0.23	< 0.01	< 0.001	0.09	0.013	0.81	< 0.005	5.59	< 0.1	< 0.01	25.7	0.08	0.327	< 0.01	0.09	< 0.01	16.3	< 0.01	< 0.005	< 0.01	< 2	15	< 5
B11312	0.25	< 0.01	< 0.001	0.09	0.012	0.73	< 0.005	5.45	< 0.1	< 0.01	25.7	0.08	0.305	< 0.01	0.08	< 0.01	16.7	0.01	< 0.005	< 0.01	< 2	18	< 5
B11313	0.26	< 0.01	< 0.001	0.14	0.018	0.80	0.019	7.53	< 0.1	< 0.01	25.4	0.09	0.405	< 0.01	0.12	< 0.01	16.0	0.01	< 0.005	< 0.01	< 2	42	15
B11314	0.28	< 0.01	< 0.001	0.14	0.016	0.78	0.023	6.28	< 0.1	< 0.01	25.5	0.09	0.364	< 0.01	0.11	< 0.01	16.1	0.01	< 0.005	< 0.01	2	22	7
B11315	0.26	< 0.01	< 0.001	0.13	0.016	0.78	0.023	6.24	< 0.1	< 0.01	25.2	0.09	0.378	< 0.01	0.12	< 0.01	16.0	0.01	< 0.005	< 0.01	< 2	23	6
B11316	0.26	< 0.01	< 0.001	0.13	0.018	0.85	0.030	6.57	< 0.1	< 0.01	25.0	0.09	0.410	< 0.01	0.14	< 0.01	15.9	0.01	< 0.005	< 0.01	< 2	24	9
B11317	0.24	< 0.01	< 0.001	0.13	0.016	0.78	0.026	5.96	< 0.1	< 0.01	25.7	0.09	0.351	< 0.01	0.11	< 0.01	15.9	0.01	< 0.005	< 0.01	< 2	26	10
B11318	0.24	< 0.01	< 0.001	0.10	0.017	0.83	0.026	6.80	< 0.1	< 0.01	25.3	0.09	0.398	< 0.01	0.12	< 0.01	16.0	0.01	< 0.005	< 0.01	< 2	27	10
B11319	0.23	< 0.01	< 0.001	0.11	0.017	0.78	0.020	6.55	< 0.1	< 0.01	25.3	0.09	0.397	< 0.01	0.13	< 0.01	16.4	< 0.01	< 0.005	< 0.01	< 2	23	7
B11320	7.43	< 0.01	< 0.001	5.94	0.018	0.03	0.033	9.66	0.6	< 0.01	3.99	0.11	0.732	< 0.01	1.67	< 0.01	23.4	1.03	< 0.005	0.01	21	41	35
B11321	0.21	< 0.01	< 0.001	0.19	0.019	0.74	0.028	7.10	< 0.1	< 0.01	25.1	0.09	0.413	< 0.01	0.13	< 0.01	15.9	< 0.01	< 0.005	< 0.01	< 2	30	8
B11322	0.23	< 0.01	< 0.001	0.36	0.017	0.77	0.009	6.39	< 0.1	< 0.01	25.3	0.09	0.338	< 0.01	0.10	< 0.01	16.2	< 0.01	< 0.005	< 0.01	< 2	25	< 5
B11323	0.27	< 0.01	< 0.001	0.40	0.013	0.74	< 0.005	5.63	< 0.1	< 0.01	25.1	0.10	0.268	< 0.01	0.08	< 0.01	15.8	0.01	< 0.005	< 0.01	< 2	7	< 5
B11324	0.39	< 0.01	< 0.001	0.13	0.012	0.69	< 0.005	5.57	< 0.1	< 0.01	25.4	0.09	0.268	< 0.01	0.07	< 0.01	16.7	0.02	< 0.005	< 0.01	< 2	5	< 5
B11325	0.34	< 0.01	< 0.001	0.19	0.013	0.77	< 0.005	5.66	< 0.1	< 0.01	25.5	0.09	0.275	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01	< 2	6	< 5
B11326	0.31	< 0.01	< 0.001	0.23	0.013	0.74	< 0.005	5.43	< 0.1	< 0.01	25.6	0.09	0.281	< 0.01	0.08	< 0.01	16.4	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11327	0.32	< 0.01	< 0.001	0.40	0.013	0.76	< 0.005	6.12	< 0.1	< 0.01	25.2	0.09	0.257	< 0.01	0.07	< 0.01	16.2	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11328	6.61	< 0.01	< 0.001	6.86	< 0.002	0.02	< 0.005	3.46	1.3	< 0.01	2.20	0.06	0.009	< 0.01	0.03	< 0.01	27.2	0.27	< 0.005	< 0.01	< 2	< 5	< 5
B11329	0.33	< 0.01	< 0.001	0.33	0.013	0.77	< 0.005	6.04	< 0.1	< 0.01	25.4	0.09	0.237	< 0.01	0.05	< 0.01	16.3	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11330	0.34	< 0.01	< 0.001	0.21	0.012	0.70	< 0.005	5.68	< 0.1	< 0.01	25.3	0.09	0.270	< 0.01	0.06	< 0.01	16.5	0.01	< 0.005	< 0.01	< 2	11	7
B11331	0.33	< 0.01	< 0.001	0.12	0.013	0.73	< 0.005	5.95	< 0.1	< 0.01	25.4	0.09	0.278	< 0.01	0.07	< 0.01	16.4	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11332	0.30	< 0.01	< 0.001	0.12	0.013	0.69	< 0.005	5.59	< 0.1	< 0.01	25.7	0.09	0.287	< 0.01	0.07	< 0.01	16.5	0.01	< 0.005	< 0.01	< 2	< 5	< 5
B11333	0.36	< 0.01	< 0.001	0.18	0.012	0.70	< 0.005	6.64	< 0.1	< 0.01	25.3	0.09	0.254	< 0.01	0.09	< 0.01	16.3	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11334	0.35	< 0.01	< 0.001	0.22	0.013	0.72	< 0.005	5.82	< 0.1	< 0.01	25.2	0.09	0.292	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11335	0.36	< 0.01	< 0.001	0.23	0.012	0.72	< 0.005	5.81	< 0.1	< 0.01	25.5	0.08	0.257	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11336	0.36	< 0.01	< 0.001	0.23	0.013	0.69	< 0.005	5.70	< 0.1	< 0.01	25.3	0.09	0.266	< 0.01	0.06	< 0.01	16.3	0.02	< 0.005	0.01	< 2	< 5	< 5
B11337	0.38	< 0.01	< 0.001	0.15	0.012	0.71	< 0.005	6.15	< 0.1	< 0.01	25.4	0.09	0.243	< 0.01	0.05	< 0.01	16.0	0.02	< 0.005	< 0.01	< 2	< 5	< 5

Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
CD-1 Meas		0.66														3.57							
CD-1 Cert		0.660														3.57							
DTS-2b Meas	0.22			0.08	0.013	1.56	< 0.005				30.6	0.08	0.382	< 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					1.08	< 0.005	< 0.01			16.4		0.358	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 74a (Fusion) Meas		< 0.01			0.059	0.18	0.127	13.9					3.30		7.52		15.3						
Oreas 74a (Fusion) Cert		0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14						
Oreas 77a (Fusion) Meas		0.01			0.161	0.08	0.412	32.4					10.4		24.9		6.00						
Oreas 77a (Fusion) Cert		0.02			0.1675		0.4400	34.0					10.71		26.2		6.21						
OREAS 134b (Fusion) Meas		0.02			0.011		0.138	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			
MP-1b Meas		2.16		2.21			2.98	8.03			0.03			1.99	12.7		16.4		0.096	15.9			
MP-1b Cert		2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7			
AMIS 0129 Meas								44.8				0.27					4.52	13.8					
AMIS 0129 Cert								43.573				0.28					4.47	13.75					
NCS DC86303 Meas										0.21									< 0.005				
NCS DC86303 Cert										0.21									0.0009				
NCS DC86314 Meas										1.78									0.008				
NCS DC86314 Cert										1.81													
NCS DC86313 Meas			1.088																				
NCS DC86313 Cert			1																				
CZN-4 Meas	0.07	0.04			0.012		0.417							0.19	34.2		0.27			57.0			
CZN-4 Cert	0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07			
W 106 Meas																			2.17				
W 106 Cert																			2.16				
OREAS 45e (Fire Assay) Meas																					47	70	100
OREAS 45e (Fire Assay) Cert																					53	75	110
CCU-1e Meas	0.14	0.11			0.031		22.9	32.0			0.74	< 0.01		0.71	35.9	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																					1990	1660	238
CDN-PGMS-30 Cert																					1897.000	1660.000	223.000
B11312 Orig																					< 2	18	< 5
B11312 Dup																					< 2	17	6
B11317 Orig	0.24	< 0.01	< 0.001	0.14	0.016	0.78	0.023	5.94	< 0.1	< 0.01	25.6	0.09	0.348	< 0.01	0.11	< 0.01	16.1	0.01	< 0.005	< 0.01			
B11317 Dup	0.24	< 0.01	< 0.001	0.12	0.016	0.79	0.029	5.98	< 0.1	< 0.01	25.7	0.09	0.354	< 0.01	0.12	< 0.01	15.6	0.01	< 0.005	< 0.01			

Analyte Symbol	Al	As	Be	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Ni	Pb	S	Sb	Si	Ti	W	Zn	Au	Pd	Pt
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb
Lower Limit	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	2	5	5
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FA-ICP	FA-ICP	FA-ICP
B11322 Orig																					< 2	28	10
B11322 Dup																					< 2	23	< 5
B11323 Orig	0.28	< 0.01	< 0.001	0.39	0.013	0.75	< 0.005	5.63	< 0.1	< 0.01	25.2	0.10	0.264	< 0.01	0.07	< 0.01	15.9	0.01	< 0.005	< 0.01			
B11323 Dup	0.27	< 0.01	< 0.001	0.41	0.014	0.74	< 0.005	5.63	< 0.1	< 0.01	25.0	0.10	0.271	< 0.01	0.09	< 0.01	15.8	0.01	< 0.005	< 0.01			
B11337 Orig	0.38	< 0.01	< 0.001	0.15	0.012	0.71	< 0.005	6.15	< 0.1	< 0.01	25.4	0.09	0.243	< 0.01	0.05	< 0.01	16.0	0.02	< 0.005	< 0.01	< 2	< 5	< 5
B11337 Split PREP DUP	0.38	< 0.01	< 0.001	0.18	0.012	0.70	< 0.005	6.26	< 0.1	< 0.01	25.2	0.09	0.288	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01	< 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			

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04471**
Report Date: **19-May-20**
Date Submitted: **21-Apr-20**
Your Reference: **Crawford (CR20-C-C39)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2020-05-07 11:57:49
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2020-05-07 15:37:16

REPORT **A20-04471**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
B11338	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.32	0.013	0.69	< 0.005	6.11	< 0.1	< 0.01	25.9	0.09	0.265	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
B11339	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.16	0.013	0.66	< 0.005	6.18	< 0.1	< 0.01	25.8	0.10	0.260	< 0.01	0.05	< 0.01	17.0	0.02	< 0.005	< 0.01
B11340	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.22	0.013	0.72	< 0.005	6.61	< 0.1	< 0.01	26.7	0.10	0.277	< 0.01	0.06	< 0.01	17.1	0.02	< 0.005	< 0.01
B11341	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.34	0.015	0.66	< 0.005	6.71	< 0.1	< 0.01	26.2	0.11	0.276	< 0.01	0.05	< 0.01	16.3	0.02	< 0.005	< 0.01
B11342	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.37	0.012	0.60	< 0.005	6.11	< 0.1	< 0.01	25.4	0.10	0.260	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
B11343	6	43	29	7.59	< 0.01	< 0.001	5.18	0.019	0.02	0.034	9.75	0.6	< 0.01	4.11	0.11	0.750	< 0.01	1.65	< 0.01	24.2	1.06	< 0.005	0.01
B11344	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.67	0.010	0.52	< 0.005	5.85	< 0.1	< 0.01	25.1	0.08	0.271	< 0.01	0.05	< 0.01	17.6	0.03	< 0.005	< 0.01
B11345	< 2	< 5	< 5	0.55	< 0.01	< 0.001	2.12	0.010	0.51	< 0.005	5.28	< 0.1	< 0.01	24.3	0.10	0.224	< 0.01	0.04	< 0.01	16.2	0.02	< 0.005	< 0.01
B11346	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.30	0.010	0.53	< 0.005	5.02	< 0.1	< 0.01	25.7	0.08	0.233	< 0.01	0.05	< 0.01	17.5	0.02	< 0.005	< 0.01
B11347	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.42	0.011	0.47	< 0.005	6.40	< 0.1	< 0.01	24.8	0.08	0.228	< 0.01	0.05	< 0.01	17.5	0.02	< 0.005	< 0.01
B11348	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.34	0.013	0.54	< 0.005	7.17	< 0.1	< 0.01	24.6	0.09	0.231	< 0.01	0.04	< 0.01	17.3	0.02	< 0.005	< 0.01
B11349	< 2	12	9	0.55	< 0.01	< 0.001	1.34	0.012	0.49	< 0.005	6.33	< 0.1	< 0.01	24.3	0.09	0.198	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
B11350	< 2	< 5	< 5	0.56	< 0.01	< 0.001	1.52	0.012	0.48	< 0.005	6.48	< 0.1	< 0.01	23.9	0.09	0.218	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
B11351	< 2	7	< 5	0.59	< 0.01	< 0.001	0.87	0.013	0.53	< 0.005	7.12	< 0.1	< 0.01	24.4	0.10	0.226	< 0.01	0.06	< 0.01	17.0	0.02	< 0.005	< 0.01
B11352	< 2	5	5	0.58	< 0.01	< 0.001	0.83	0.013	0.51	< 0.005	6.99	< 0.1	< 0.01	23.9	0.10	0.220	< 0.01	0.04	< 0.01	17.0	0.02	< 0.005	< 0.01
B11353	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.33	0.013	0.47	< 0.005	6.34	< 0.1	< 0.01	24.6	0.09	0.214	< 0.01	0.05	< 0.01	17.5	0.02	< 0.005	< 0.01
B11354	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.34	0.014	0.49	< 0.005	7.07	< 0.1	< 0.01	24.5	0.10	0.223	< 0.01	0.05	< 0.01	17.3	0.02	< 0.005	< 0.01
B11355	< 2	< 5	< 5	0.58	< 0.01	< 0.001	0.30	0.014	0.55	< 0.005	7.61	< 0.1	< 0.01	23.8	0.10	0.215	< 0.01	0.05	< 0.01	17.2	0.02	< 0.005	< 0.01
B11356	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.30	0.013	0.54	< 0.005	7.33	< 0.1	< 0.01	24.1	0.10	0.195	< 0.01	0.04	< 0.01	17.1	0.02	< 0.005	< 0.01
B11357	< 2	< 5	< 5	0.60	< 0.01	< 0.001	0.21	0.014	0.60	< 0.005	7.61	< 0.1	< 0.01	24.0	0.10	0.215	< 0.01	0.04	< 0.01	16.9	0.03	< 0.005	< 0.01
B11358	< 2	< 5	< 5	0.67	< 0.01	< 0.001	1.05	0.011	0.49	< 0.005	6.38	< 0.1	< 0.01	23.9	0.09	0.181	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	< 0.01
B11359	< 2	< 5	< 5	0.71	< 0.01	< 0.001	1.05	0.014	0.51	< 0.005	6.45	< 0.1	< 0.01	23.9	0.09	0.186	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
B11360	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.80	0.013	0.74	< 0.005	7.24	< 0.1	< 0.01	22.8	0.10	0.189	< 0.01	0.05	< 0.01	17.4	0.03	< 0.005	< 0.01
B11361	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.06	0.015	1.22	< 0.005	7.63	< 0.1	< 0.01	23.4	0.12	0.203	< 0.01	0.06	< 0.01	17.8	0.05	< 0.005	< 0.01
B11362	< 2	< 5	< 5	1.85	< 0.01	< 0.001	2.29	0.012	0.77	< 0.005	7.54	< 0.1	< 0.01	21.1	0.15	0.152	< 0.01	0.03	< 0.01	16.0	0.09	< 0.005	< 0.01
B11363	< 2	< 5	< 5	6.73	< 0.01	< 0.001	5.65	0.002	0.02	< 0.005	4.07	1.8	< 0.01	1.91	0.07	0.012	< 0.01	0.02	< 0.01	27.7	0.34	< 0.005	< 0.01
B11364	< 2	< 5	< 5	0.83	< 0.01	< 0.001	1.12	0.013	0.51	< 0.005	7.38	< 0.1	< 0.01	22.8	0.10	0.178	< 0.01	0.04	< 0.01	17.3	0.03	< 0.005	< 0.01
B11365	< 2	< 5	< 5	0.77	< 0.01	< 0.001	3.00	0.012	0.66	< 0.005	7.96	< 0.1	< 0.01	21.2	0.11	0.180	< 0.01	0.03	< 0.01	15.9	0.03	< 0.005	< 0.01
B11366	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.78	0.014	0.61	< 0.005	7.88	< 0.1	< 0.01	23.0	0.11	0.202	< 0.01	0.05	< 0.01	17.2	0.03	< 0.005	< 0.01
B11367	< 2	< 5	< 5	0.84	< 0.01	< 0.001	1.86	0.012	0.62	< 0.005	7.60	< 0.1	< 0.01	22.6	0.11	0.184	< 0.01	0.08	< 0.01	16.7	0.03	< 0.005	< 0.01
B11368	< 2	< 5	< 5	0.89	< 0.01	< 0.001	0.56	0.014	0.78	< 0.005	9.03	< 0.1	< 0.01	22.7	0.11	0.193	< 0.01	0.05	< 0.01	17.1	0.04	< 0.005	< 0.01
B11369	< 2	< 5	9	0.84	< 0.01	< 0.001	0.84	0.014	0.73	< 0.005	7.31	< 0.1	< 0.01	23.0	0.11	0.198	< 0.01	0.06	< 0.01	17.3	0.03	< 0.005	< 0.01
B11370	2	11	18	0.77	< 0.01	< 0.001	1.28	0.014	0.65	< 0.005	7.00	< 0.1	< 0.01	22.6	0.10	0.182	< 0.01	0.05	< 0.01	16.9	0.03	< 0.005	< 0.01
B11371	< 2	12	11	0.79	< 0.01	< 0.001	1.50	0.012	0.52	< 0.005	7.02	< 0.1	< 0.01	22.8	0.10	0.167	< 0.01	0.04	< 0.01	16.9	0.03	< 0.005	< 0.01
B11372	< 2	< 5	< 5	0.80	< 0.01	< 0.001	1.96	0.012	0.63	< 0.005	7.33	< 0.1	< 0.01	22.1	0.10	0.171	< 0.01	0.04	< 0.01	16.5	0.03	< 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
PTM-1a Meas					0.21			2.04		23.6						46.7		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.67														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			0.10	0.013	1.58	< 0.005				31.5	0.08	0.393	< 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					0.011					1.08	< 0.005	< 0.01			16.6		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.126	13.9					3.32		7.47		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.159	0.08	0.412	32.4					10.4		24.6		5.71			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.133	11.7							19.3	0.01				16.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.24		2.42			3.19	8.28			0.03			2.10	13.5		17.3		0.106	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.3				0.27					4.62	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.81									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CPB-2 Meas				0.07						0.126	6.92			0.07			63.7						5.79
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.010		0.433							0.18	34.4		0.28			56.4
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				0.14	0.11			0.032		23.1	32.5			0.73	0.01		0.72	35.5	0.01				2.94
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	2060	1760	229																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 680 (Peroxide Fusion) Meas				7.22	0.01		5.09	0.034	0.21	0.948	12.1	1.3	< 0.01	3.75	0.13	2.24	0.26	5.13	< 0.01	21.1	0.52		0.22
OREAS 680				7.19	0.0120		5.80	0.0334	0.214	0.904	11.9	1.29	0.00145	3.71	0.124	2.15	0.258	5.14	0.00197	20.6	0.523		0.232

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																							
B11347 Orig	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.42	0.011	0.47	< 0.005	6.37	< 0.1	< 0.01	24.9	0.08	0.220	< 0.01	0.05	< 0.01	17.6	0.02	< 0.005	< 0.01
B11347 Dup	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.42	0.011	0.47	< 0.005	6.44	< 0.1	< 0.01	24.8	0.08	0.236	< 0.01	0.05	< 0.01	17.5	0.02	< 0.005	< 0.01
B11357 Orig	< 2	< 5	< 5	0.60	< 0.01	< 0.001	0.22	0.014	0.59	< 0.005	7.60	< 0.1	< 0.01	24.0	0.10	0.211	< 0.01	0.04	< 0.01	17.1	0.03	< 0.005	< 0.01
B11357 Dup	3	< 5	< 5	0.60	< 0.01	< 0.001	0.20	0.014	0.60	< 0.005	7.62	< 0.1	< 0.01	24.1	0.10	0.219	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
B11372 Orig	< 2	< 5	< 5	0.80	< 0.01	< 0.001	1.96	0.012	0.63	< 0.005	7.33	< 0.1	< 0.01	22.1	0.10	0.171	< 0.01	0.04	< 0.01	16.5	0.03	< 0.005	< 0.01
B11372 Split PREP DUP	< 2	5	6	0.82	< 0.01	< 0.001	2.02	0.012	0.67	< 0.005	7.62	< 0.1	< 0.01	22.6	0.11	0.171	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	0.01
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	0.02	< 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.: **A20-04504**
Report Date: **14-May-20**
Date Submitted: **22-Apr-20**
Your Reference: **Crawford (CR20-C-C40)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-13 10:36:34
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-05 07:44:28

REPORT **A20-04504**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11373	< 2	6	7	0.78	< 0.01	< 0.001	1.79	0.014	0.56	< 0.005	6.53	< 0.1	< 0.01	23.0	0.11	0.190	< 0.01	0.07	< 0.01	16.6	0.03	< 0.005	< 0.01
B11374	< 2	6	< 5	0.74	< 0.01	< 0.001	1.67	0.015	0.62	< 0.005	7.18	< 0.1	< 0.01	22.8	0.11	0.198	< 0.01	0.08	< 0.01	16.6	0.03	< 0.005	< 0.01
B11375	< 2	7	5	0.70	< 0.01	< 0.001	2.45	0.013	0.60	< 0.005	7.72	< 0.1	< 0.01	21.7	0.12	0.164	< 0.01	0.04	< 0.01	15.4	0.03	< 0.005	< 0.01
B11376	< 2	11	6	0.76	< 0.01	< 0.001	1.88	0.014	0.60	< 0.005	6.62	0.1	< 0.01	22.5	0.13	0.177	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	0.02
B11377	< 2	23	19	0.79	< 0.01	< 0.001	2.28	0.012	0.55	< 0.005	7.85	< 0.1	< 0.01	21.4	0.10	0.143	< 0.01	0.02	< 0.01	15.9	0.04	< 0.005	< 0.01
B11378	< 2	18	17	0.80	< 0.01	< 0.001	1.22	0.013	0.66	< 0.005	7.34	< 0.1	< 0.01	22.5	0.13	0.161	< 0.01	0.05	< 0.01	16.5	0.04	< 0.005	< 0.01
B11379	< 2	21	19	0.87	< 0.01	< 0.001	1.45	0.014	0.64	< 0.005	7.20	0.1	< 0.01	22.0	0.13	0.164	< 0.01	0.03	< 0.01	16.8	0.04	< 0.005	< 0.01
B11380	< 2	6	6	0.92	< 0.01	< 0.001	2.24	0.013	0.60	< 0.005	7.26	0.1	< 0.01	21.3	0.11	0.150	< 0.01	0.03	< 0.01	15.9	0.04	< 0.005	< 0.01
B11381	< 2	5	9	0.93	< 0.01	< 0.001	2.19	0.013	0.59	< 0.005	7.14	0.1	< 0.01	20.4	0.11	0.146	< 0.01	0.04	< 0.01	16.7	0.04	< 0.005	< 0.01
B11382	< 2	< 5	< 5	1.01	< 0.01	< 0.001	1.72	0.013	0.66	< 0.005	7.44	0.1	< 0.01	21.2	0.09	0.147	< 0.01	0.07	< 0.01	17.0	0.03	< 0.005	< 0.01
B11383	< 2	16	21	0.92	< 0.01	< 0.001	1.19	0.015	0.59	< 0.005	7.49	0.1	< 0.01	22.2	0.10	0.153	< 0.01	0.03	< 0.01	17.9	0.04	< 0.005	< 0.01
B11384	< 2	13	5	0.92	< 0.01	< 0.001	1.51	0.015	0.62	< 0.005	7.61	0.1	< 0.01	21.6	0.10	0.152	< 0.01	0.02	< 0.01	17.7	0.03	< 0.005	< 0.01
B11385	< 2	11	10	1.14	< 0.01	< 0.001	1.17	0.015	0.59	< 0.005	7.60	0.1	< 0.01	21.5	0.10	0.144	< 0.01	< 0.01	< 0.01	17.6	0.04	< 0.005	< 0.01
B11386	< 2	< 5	12	1.39	< 0.01	< 0.001	3.62	0.013	0.36	0.009	7.07	0.1	< 0.01	19.3	0.13	0.069	< 0.01	0.01	< 0.01	16.3	0.06	< 0.005	< 0.01
B11387	< 2	23	27	1.62	< 0.01	< 0.001	2.28	0.014	0.44	0.019	7.84	0.1	< 0.01	20.6	0.14	0.054	< 0.01	< 0.01	< 0.01	17.5	0.05	< 0.005	< 0.01
B11388	5	37	34	7.13	< 0.01	< 0.001	5.59	0.018	0.02	0.036	9.66	0.7	< 0.01	3.99	0.11	0.742	< 0.01	1.65	< 0.01	22.8	1.03	< 0.005	0.01
B11389	< 2	83	88	1.65	< 0.01	< 0.001	6.42	0.011	0.27	< 0.005	6.84	0.1	< 0.01	16.7	0.14	0.039	< 0.01	< 0.01	< 0.01	19.3	0.06	< 0.005	< 0.01
B11390	19	782	763	2.36	< 0.01	< 0.001	6.97	0.008	0.37	0.006	5.56	0.1	< 0.01	14.5	0.14	0.020	< 0.01	0.22	< 0.01	23.3	0.08	< 0.005	< 0.01
B11391	444	293	245	2.08	< 0.01	< 0.001	4.56	0.008	0.48	0.033	5.84	0.1	< 0.01	15.1	0.14	0.032	< 0.01	0.12	< 0.01	23.7	0.08	< 0.005	< 0.01
B11392	132	< 5	87	2.26	< 0.01	< 0.001	4.22	0.009	0.43	0.048	5.95	0.1	< 0.01	15.1	0.13	0.038	< 0.01	0.05	< 0.01	23.8	0.09	< 0.005	< 0.01
B11393	56	< 5	21	2.12	< 0.01	< 0.001	9.65	0.007	0.38	0.042	5.08	< 0.1	< 0.01	12.5	0.16	0.031	< 0.01	0.02	< 0.01	24.2	0.11	< 0.005	< 0.01
B11394	54	< 5	15	2.02	< 0.01	< 0.001	10.2	0.007	0.35	0.043	4.92	< 0.1	< 0.01	12.1	0.16	0.029	< 0.01	0.02	< 0.01	24.1	0.11	< 0.005	< 0.01
B11395	24	< 5	15	2.64	< 0.01	< 0.001	6.74	0.007	0.34	0.051	5.35	< 0.1	< 0.01	13.8	0.15	0.034	< 0.01	0.04	< 0.01	22.7	0.08	< 0.005	< 0.01
B11396	16	< 5	< 5	2.30	< 0.01	< 0.001	8.76	0.007	0.33	0.039	5.13	0.1	< 0.01	12.5	0.13	0.029	< 0.01	0.05	< 0.01	24.6	0.13	< 0.005	< 0.01
B11397	34	< 5	< 5	2.20	< 0.01	< 0.001	10.4	0.007	0.34	0.052	4.95	< 0.1	< 0.01	12.1	0.13	0.034	< 0.01	0.06	0.01	24.0	0.13	< 0.005	< 0.01
B11398	14	< 5	< 5	5.05	< 0.01	< 0.001	10.4	0.006	0.23	0.047	4.71	0.1	< 0.01	9.85	0.12	0.026	< 0.01	0.06	< 0.01	22.9	0.19	< 0.005	< 0.01
B11399	< 2	< 5	< 5	6.73	< 0.01	< 0.001	5.32	0.003	0.02	< 0.005	3.72	1.5	< 0.01	2.19	0.06	0.009	< 0.01	0.04	< 0.01	28.3	0.27	< 0.005	< 0.01
B11400	6	< 5	< 5	8.64	< 0.01	< 0.001	9.98	0.005	0.17	0.012	3.31	0.2	< 0.01	7.78	0.08	0.017	0.06	0.03	< 0.01	21.2	0.05	< 0.005	< 0.01
B11401	5	< 5	< 5	9.83	< 0.01	< 0.001	8.10	0.005	0.13	0.007	3.08	0.3	< 0.01	6.92	0.07	0.015	< 0.01	0.01	< 0.01	22.5	0.04	< 0.005	< 0.01
B11402	< 2	< 5	< 5	9.24	< 0.01	< 0.001	8.81	0.005	0.12	0.016	3.49	0.1	< 0.01	7.52	0.07	0.020	< 0.01	0.02	< 0.01	20.8	0.06	< 0.005	< 0.01
B11403	< 2	< 5	< 5	9.09	< 0.01	< 0.001	9.05	0.006	0.14	< 0.005	3.72	0.3	< 0.01	7.93	0.08	0.014	< 0.01	0.01	< 0.01	22.9	0.09	< 0.005	< 0.01
B11404	< 2	< 5	< 5	8.59	< 0.01	< 0.001	9.35	0.005	0.12	< 0.005	3.62	0.3	< 0.01	7.47	0.08	0.013	< 0.01	0.01	< 0.01	22.9	0.06	< 0.005	< 0.01
B11405	< 2	< 5	< 5	8.63	< 0.01	< 0.001	9.84	0.004	0.11	0.008	3.46	0.4	< 0.01	7.41	0.09	0.013	< 0.01	< 0.01	< 0.01	22.9	0.06	< 0.005	< 0.01
B11406	< 2	< 5	< 5	9.57	< 0.01	< 0.001	9.13	0.005	0.09	0.010	3.69	0.4	< 0.01	7.37	0.08	0.015	< 0.01	0.01	< 0.01	22.5	0.06	< 0.005	< 0.01
B11407	< 2	< 5	< 5	9.50	< 0.01	< 0.001	9.51	0.005	0.09	0.014	3.50	0.5	< 0.01	6.90	0.08	0.013	< 0.01	0.03	< 0.01	23.2	0.06	< 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
PTM-1a Meas					0.21			1.98		24.7						47.0		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.8					3.27		7.46		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					< 0.01			0.166	0.08	0.429	33.2					10.8		26.5		6.06			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.0							19.9	< 0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.59			3.12	8.14			0.03			2.09	13.6		17.1		0.110	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.5				0.27					4.49	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.43			5.32		1.09		8.62	2.3		2.99	0.13			1.18		22.3	0.69		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
CPB-2 Meas				0.08						0.125	6.98			0.08			66.3						6.10
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.011		0.408							0.18	34.3		0.31			57.8
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.50	< 0.01	< 0.001	2.00	0.004	< 0.01	0.367	3.85	2.2		0.54	0.06		1.36	4.44	0.01	26.0	0.18	< 0.005	5.30
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.032		22.9	31.0			0.71	< 0.01		0.70	36.3	0.01				2.95
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	4940	2050	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4420	2040	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1800	1690	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1840	1630	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1960	1690	235																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
B11375 Orig				0.70	< 0.01	< 0.001	2.41	0.013	0.60	< 0.005	7.67	< 0.1	< 0.01	21.4	0.12	0.162	< 0.01	0.03	< 0.01	15.6	0.03	< 0.005	< 0.01
B11375 Dup				0.70	< 0.01	< 0.001	2.50	0.013	0.60	< 0.005	7.77	< 0.1	< 0.01	22.0	0.13	0.167	< 0.01	0.04	< 0.01	15.3	0.03	< 0.005	< 0.01
B11382 Orig	< 2	< 5	7																				
B11382 Dup	< 2	< 5	< 5																				
B11383 Orig				0.94	< 0.01	< 0.001	1.21	0.015	0.59	< 0.005	7.48	0.1	< 0.01	22.3	0.10	0.152	< 0.01	0.04	< 0.01	18.4	0.04	< 0.005	< 0.01
B11383 Dup				0.91	< 0.01	< 0.001	1.17	0.015	0.58	< 0.005	7.50	0.1	< 0.01	22.1	0.10	0.155	< 0.01	0.03	< 0.01	17.4	0.04	< 0.005	< 0.01
B11392 Orig	135	< 5	90																				
B11392 Dup	128	< 5	85																				
B11402 Orig	< 2	< 5	< 5																				
B11402 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	< 0.01	< 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	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04506**
Report Date: **15-May-20**
Date Submitted: **22-Apr-20**
Your Reference: **Crawford (CR20-C-C41)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-13 10:36:34
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-06 08:16:03

REPORT **A20-04506**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11408	< 2	< 5	< 5	8.86	< 0.01	< 0.001	10.1	0.004	0.09	0.013	3.67	0.6	< 0.01	7.03	0.09	0.021	< 0.01	0.04	< 0.01	21.8	0.06	< 0.005	< 0.01
B11409	< 2	< 5	< 5	8.94	< 0.01	< 0.001	9.20	0.005	0.08	0.013	3.73	0.6	< 0.01	7.22	0.09	0.015	< 0.01	0.02	< 0.01	22.8	0.06	< 0.005	< 0.01
B11410	< 2	< 5	< 5	8.73	< 0.01	< 0.001	9.40	0.004	0.08	0.014	3.59	0.5	< 0.01	6.78	0.09	0.013	< 0.01	0.06	< 0.01	22.2	0.06	< 0.005	< 0.01
B11411	< 2	< 5	< 5	9.24	< 0.01	< 0.001	9.33	0.004	0.08	0.013	3.71	0.4	< 0.01	6.74	0.08	0.013	< 0.01	0.03	< 0.01	22.0	0.08	< 0.005	0.01
B11412	< 2	< 5	< 5	8.94	< 0.01	< 0.001	9.70	0.004	0.09	0.013	3.68	0.6	< 0.01	7.12	0.09	0.013	< 0.01	0.02	< 0.01	22.6	0.06	< 0.005	< 0.01
B11413	< 2	< 5	< 5	9.04	< 0.01	< 0.001	9.11	0.005	0.08	0.013	3.72	0.5	< 0.01	7.26	0.09	0.013	< 0.01	0.01	< 0.01	22.8	0.06	< 0.005	< 0.01
B11414	< 2	< 5	< 5	9.24	< 0.01	< 0.001	9.22	0.005	0.07	0.012	3.58	0.5	< 0.01	6.43	0.09	0.012	< 0.01	0.04	< 0.01	22.4	0.07	< 0.005	< 0.01
B11415	< 2	< 5	< 5	9.11	< 0.01	< 0.001	9.82	0.004	0.07	0.016	3.59	0.5	< 0.01	6.84	0.09	0.015	< 0.01	0.02	< 0.01	22.8	0.06	< 0.005	< 0.01
B11416	< 2	< 5	< 5	9.20	< 0.01	< 0.001	9.34	0.004	0.07	0.012	3.66	0.6	< 0.01	7.10	0.09	0.014	< 0.01	0.02	< 0.01	23.0	0.06	< 0.005	< 0.01
B11417	< 2	< 5	< 5	8.92	< 0.01	< 0.001	9.40	0.004	0.07	0.012	3.68	0.6	< 0.01	7.11	0.09	0.012	< 0.01	0.03	< 0.01	21.8	0.06	< 0.005	0.02
B11418	< 2	< 5	< 5	8.94	< 0.01	< 0.001	9.82	0.005	0.08	0.012	3.64	0.5	< 0.01	6.63	0.09	0.025	< 0.01	0.03	< 0.01	21.8	0.06	< 0.005	< 0.01
B11419	< 2	< 5	< 5	9.20	< 0.01	< 0.001	9.59	0.005	0.06	0.017	3.57	0.6	< 0.01	6.73	0.09	0.013	< 0.01	0.02	< 0.01	23.3	0.06	< 0.005	< 0.01
B11420	< 2	< 5	< 5	8.88	< 0.01	< 0.001	9.36	0.005	0.07	0.013	3.51	0.3	< 0.01	6.55	0.08	0.013	< 0.01	< 0.01	< 0.01	23.3	0.06	< 0.005	< 0.01
B11421	< 2	< 5	< 5	8.84	< 0.01	< 0.001	8.92	0.005	0.07	0.012	3.64	0.2	< 0.01	6.94	0.08	0.012	< 0.01	0.02	< 0.01	21.6	0.06	< 0.005	< 0.01
B11422	< 2	< 5	< 5	9.11	< 0.01	< 0.001	9.17	0.004	0.07	0.014	3.58	0.2	< 0.01	7.01	0.09	0.013	< 0.01	0.01	< 0.01	21.9	0.06	< 0.005	< 0.01
B11423	< 2	< 5	< 5	9.06	< 0.01	< 0.001	9.59	0.005	0.09	0.010	3.73	0.2	< 0.01	6.95	0.08	0.015	< 0.01	0.01	< 0.01	22.3	0.10	< 0.005	< 0.01
B11424	3	< 5	< 5	8.37	< 0.01	< 0.001	11.3	0.005	0.09	0.032	3.55	0.1	< 0.01	7.03	0.08	0.013	< 0.01	0.04	< 0.01	21.0	0.06	< 0.005	< 0.01
B11425	10	< 5	< 5	5.08	< 0.01	< 0.001	10.0	0.006	0.18	0.013	4.22	0.2	< 0.01	9.75	0.09	0.027	< 0.01	0.02	< 0.01	17.7	0.06	< 0.005	< 0.01
B11426	< 2	39	53	1.41	< 0.01	< 0.001	5.65	0.012	0.32	< 0.005	6.43	0.1	< 0.01	17.0	0.16	0.058	< 0.01	0.05	< 0.01	15.4	0.05	< 0.005	< 0.01
B11427	< 2	< 5	< 5	7.15	< 0.01	< 0.001	3.71	0.003	0.02	< 0.005	3.55	1.7	< 0.01	1.67	0.06	0.010	< 0.01	0.03	< 0.01	30.6	0.29	< 0.005	< 0.01
B11428	< 2	30	47	1.49	< 0.01	< 0.001	4.67	0.011	0.37	< 0.005	6.80	0.1	< 0.01	17.1	0.13	0.044	< 0.01	0.02	< 0.01	16.6	0.06	< 0.005	0.01
B11429	4	47	71	3.43	< 0.01	< 0.001	8.64	0.008	0.07	0.016	4.58	0.3	< 0.01	12.9	0.11	0.031	< 0.01	0.11	< 0.01	17.5	0.04	< 0.005	0.01
B11430	8	< 5	< 5	6.52	< 0.01	< 0.001	13.4	0.004	0.07	0.005	2.73	1.2	< 0.01	5.93	0.07	0.013	< 0.01	< 0.01	< 0.01	16.3	0.06	< 0.005	< 0.01
B11431	< 2	< 5	7	1.21	< 0.01	< 0.001	3.81	0.014	0.34	0.005	6.22	0.1	< 0.01	17.6	0.11	0.106	< 0.01	0.10	< 0.01	16.3	0.04	< 0.005	< 0.01
B11432	< 2	< 5	9	1.62	< 0.01	< 0.001	2.42	0.012	0.38	< 0.005	6.36	< 0.1	< 0.01	18.6	0.10	0.098	< 0.01	0.03	< 0.01	16.1	0.04	< 0.005	< 0.01
B11433	< 2	< 5	< 5	0.89	< 0.01	< 0.001	1.07	0.014	0.51	< 0.005	7.05	0.1	< 0.01	20.2	0.10	0.106	< 0.01	0.02	< 0.01	14.8	0.03	< 0.005	< 0.01
B11434	< 2	< 5	< 5	1.34	< 0.01	< 0.001	1.22	0.013	0.29	< 0.005	7.17	0.1	< 0.01	19.1	0.09	0.100	< 0.01	0.02	< 0.01	15.0	0.07	< 0.005	< 0.01
B11435	< 2	< 5	< 5	0.92	< 0.01	< 0.001	1.66	0.014	0.44	0.006	7.20	0.2	< 0.01	19.0	0.11	0.113	< 0.01	0.10	< 0.01	16.2	0.04	< 0.005	0.02
B11436	10	< 5	< 5	0.35	< 0.01	< 0.001	0.58	0.010	0.10	< 0.005	4.01	0.2	< 0.01	25.9	0.07	0.288	< 0.01	0.07	< 0.01	17.2	0.02	< 0.005	0.01
B11437	< 2	11	< 5	1.02	< 0.01	< 0.001	2.04	0.014	0.49	< 0.005	7.47	0.2	< 0.01	18.7	0.11	0.100	< 0.01	0.20	< 0.01	15.1	0.04	< 0.005	< 0.01
B11438	< 2	11	11	0.94	< 0.01	< 0.001	1.74	0.013	0.38	< 0.005	6.79	0.1	< 0.01	19.2	0.11	0.092	< 0.01	0.06	< 0.01	15.3	0.04	< 0.005	< 0.01
B11439	17	656	705	1.44	< 0.01	< 0.001	2.49	0.013	0.35	0.007	6.99	0.1	< 0.01	18.2	0.11	0.064	< 0.01	0.02	< 0.01	16.3	0.07	< 0.005	< 0.01
B11440	4	70	112	1.76	< 0.01	< 0.001	8.97	0.008	0.41	0.032	5.15	< 0.1	< 0.01	12.8	0.12	0.038	< 0.01	0.04	< 0.01	16.5	0.08	< 0.005	< 0.01
B11441	7	< 5	< 5	1.88	< 0.01	< 0.001	11.5	0.006	0.29	0.038	4.19	0.1	< 0.01	9.42	0.12	0.025	< 0.01	0.10	< 0.01	20.3	0.10	< 0.005	< 0.01
B11442	27	< 5	< 5	2.17	< 0.01	< 0.001	11.3	0.005	0.36	0.050	3.93	0.2	< 0.01	9.28	0.11	0.028	< 0.01	0.05	< 0.01	20.6	0.09	< 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
PTM-1a Meas					0.21			1.98		24.2						47.6		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.68														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.121	13.8					3.23		7.30		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.166	0.09	0.426	33.2					10.8		26.5		6.50			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.142	12.3							19.9	0.01				18.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.32		2.69			3.10	8.29			0.04			2.08	13.5		16.2		0.110	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.3				0.27					4.56	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.44			5.58		1.08		8.41	2.3		2.82	0.13			1.15		22.5	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.007	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.08						0.128	6.87			0.12			64.9						5.75
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.011		0.417							0.17	34.0		0.31			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.35	< 0.01	< 0.001	2.27	0.004	0.02	0.372	3.87	2.1		0.53	0.06		1.35	4.41	0.01	26.9	0.19	< 0.005	5.34
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.15	0.10			0.031		22.6	31.1			0.71	0.01		0.70	35.7	< 0.01				2.94
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	4940	2050	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4420	2040	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1800	1690	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1840	1630	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				

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
CDN-PGMS-30 Meas	1960	1690	235																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11410 Orig				8.87	< 0.01	< 0.001	9.47	0.004	0.08	0.014	3.62	0.5	< 0.01	6.85	0.09	0.013	< 0.01	0.02	< 0.01	22.1	0.06	< 0.005	< 0.01
B11410 Dup				8.59	< 0.01	< 0.001	9.32	0.005	0.08	0.014	3.56	0.5	< 0.01	6.71	0.09	0.013	< 0.01	0.10	< 0.01	22.2	0.06	< 0.005	< 0.01
B11412 Orig	< 2	< 5	< 5																				
B11412 Dup	< 2	< 5	< 5																				
B11418 Orig				8.77	< 0.01	< 0.001	9.97	0.005	0.09	0.012	3.70	0.5	< 0.01	6.64	0.09	0.029	< 0.01	0.03	< 0.01	21.8	0.06	< 0.005	0.01
B11418 Dup				9.11	< 0.01	< 0.001	9.68	0.005	0.07	0.012	3.58	0.5	< 0.01	6.61	0.09	0.022	< 0.01	0.03	< 0.01	21.9	0.06	< 0.005	< 0.01
B11422 Orig	< 2	< 5	< 5																				
B11422 Dup	< 2	< 5	< 5																				
B11432 Orig	< 2	< 5	10																				
B11432 Dup	< 2	< 5	7																				
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	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04586-Rev**
Report Date: **26-May-20**
Date Submitted: **25-Apr-20**
Your Reference: **Crawford (CR20-C-B66)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-19 13:09:44
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-06 10:30:45

REPORT **A20-04586-Rev**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977228	2	< 5	< 5	1.78	< 0.01	< 0.001	3.22	0.012	0.48	< 0.005	6.57	0.1	< 0.01	19.0	0.12	0.209	< 0.01	0.08	< 0.01	17.2	0.14	< 0.005	< 0.01
A0977229	< 2	< 5	< 5	0.24	< 0.01	< 0.001	1.73	0.012	0.41	< 0.005	5.64	< 0.1	< 0.01	23.2	0.10	0.281	< 0.01	0.05	< 0.01	15.2	0.01	< 0.005	< 0.01
A0977230	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.46	0.012	0.42	0.006	6.26	< 0.1	< 0.01	24.1	0.09	0.276	< 0.01	0.06	< 0.01	15.4	0.01	< 0.005	< 0.01
A0977231	2	< 5	< 5	0.24	< 0.01	< 0.001	0.49	0.012	0.40	< 0.005	5.68	< 0.1	< 0.01	25.5	0.09	0.288	< 0.01	0.05	< 0.01	16.0	0.01	< 0.005	0.01
A0977232	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.54	0.011	0.39	< 0.005	5.56	< 0.1	< 0.01	23.7	0.09	0.284	< 0.01	0.04	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0977233	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.67	0.011	0.40	< 0.005	4.97	< 0.1	< 0.01	24.0	0.09	0.263	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977234	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.82	0.012	0.37	0.009	5.07	0.1	< 0.01	24.8	0.09	0.275	< 0.01	0.05	< 0.01	15.8	0.01	< 0.005	0.01
A0977235	5	< 5	< 5	0.25	< 0.01	< 0.001	0.73	0.011	0.40	< 0.005	5.29	0.1	< 0.01	24.3	0.09	0.264	< 0.01	0.06	< 0.01	16.6	0.01	< 0.005	0.06
A0977236	2	< 5	< 5	0.24	< 0.01	< 0.001	0.55	0.012	0.56	< 0.005	4.78	0.1	< 0.01	24.6	0.09	0.300	< 0.01	0.04	< 0.01	17.1	0.01	< 0.005	< 0.01
A0977237	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.46	0.011	0.43	< 0.005	4.78	< 0.1	< 0.01	25.1	0.09	0.269	< 0.01	0.05	< 0.01	15.4	< 0.01	< 0.005	0.01
A0977238	3	< 5	< 5	0.21	< 0.01	< 0.001	0.69	0.012	0.48	< 0.005	5.11	0.2	< 0.01	25.0	0.09	0.266	< 0.01	0.02	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0977239	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.48	0.012	0.52	< 0.005	4.76	< 0.1	< 0.01	25.2	0.09	0.258	< 0.01	0.02	< 0.01	15.7	< 0.01	< 0.005	0.01
A0977240	3	< 5	< 5	0.19	< 0.01	< 0.001	0.46	0.012	0.48	< 0.005	5.20	0.1	< 0.01	24.4	0.09	0.264	< 0.01	0.01	< 0.01	15.4	< 0.01	< 0.005	< 0.01
A0977241	< 2	< 5	< 5	0.17	< 0.01	< 0.001	0.23	0.013	0.54	< 0.005	4.84	< 0.1	< 0.01	25.9	0.09	0.263	< 0.01	0.01	< 0.01	15.4	< 0.01	< 0.005	< 0.01
A0977242	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.31	0.012	0.55	0.022	4.92	0.1	< 0.01	24.9	0.09	0.302	< 0.01	0.05	< 0.01	15.1	< 0.01	< 0.005	< 0.01
A0977243	12	< 5	< 5	0.33	< 0.01	< 0.001	0.51	0.010	0.11	0.005	4.01	< 0.1	< 0.01	26.0	0.06	0.294	< 0.01	0.06	< 0.01	15.8	0.02	< 0.005	< 0.01
A0977244	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.31	0.012	0.58	< 0.005	5.18	< 0.1	< 0.01	26.0	0.09	0.280	< 0.01	0.02	< 0.01	16.1	0.01	< 0.005	< 0.01
A0977245	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.26	0.012	0.55	0.007	4.84	0.1	< 0.01	26.2	0.09	0.287	< 0.01	0.03	< 0.01	15.0	< 0.01	< 0.005	< 0.01
A0977246	2	< 5	< 5	0.24	< 0.01	< 0.001	0.39	0.013	0.62	< 0.005	5.63	0.2	< 0.01	26.9	0.09	0.294	< 0.01	< 0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
A0977247	13	< 5	< 5	0.26	< 0.01	< 0.001	0.35	0.023	1.24	0.028	7.17	0.1	< 0.01	24.7	0.14	0.510	< 0.01	0.04	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977248	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.20	0.013	0.56	< 0.005	5.38	< 0.1	< 0.01	26.2	0.10	0.286	< 0.01	0.01	< 0.01	16.0	< 0.01	< 0.005	< 0.01
A0977249	10	9	< 5	0.21	< 0.01	< 0.001	0.38	0.013	0.63	< 0.005	5.22	0.2	< 0.01	26.2	0.09	0.313	< 0.01	0.03	< 0.01	16.1	< 0.01	< 0.005	< 0.01
A0977250	< 2	< 5	< 5	0.17	< 0.01	< 0.001	0.30	0.013	0.58	< 0.005	5.09	0.1	< 0.01	25.3	0.10	0.285	< 0.01	0.01	< 0.01	15.7	< 0.01	< 0.005	0.01
A0977251	10	< 5	< 5	0.29	< 0.01	< 0.001	0.40	0.012	0.54	0.005	4.95	0.1	< 0.01	24.9	0.08	0.276	< 0.01	0.02	< 0.01	15.0	0.01	< 0.005	< 0.01
A0977252	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.31	0.014	0.67	< 0.005	5.67	0.1	< 0.01	26.1	0.09	0.293	< 0.01	0.02	< 0.01	15.2	0.01	< 0.005	< 0.01
A0977253	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.25	0.012	0.60	0.007	5.60	0.1	< 0.01	25.7	0.08	0.273	< 0.01	0.02	< 0.01	15.3	0.03	< 0.005	< 0.01
A0977254	49	< 5	24	0.32	< 0.01	< 0.001	0.29	0.011	0.56	0.006	5.44	0.1	< 0.01	24.3	0.07	0.254	< 0.01	0.04	0.01	14.3	0.01	< 0.005	< 0.01
A0977255	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.24	0.012	0.56	< 0.005	5.63	0.1	< 0.01	25.4	0.09	0.278	< 0.01	< 0.01	< 0.01	14.7	< 0.01	< 0.005	< 0.01
A0977256	2	< 5	< 5	0.17	< 0.01	< 0.001	0.15	0.012	0.63	< 0.005	4.93	< 0.1	< 0.01	25.3	0.09	0.279	< 0.01	< 0.01	< 0.01	15.0	< 0.01	< 0.005	< 0.01
A0977257	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.32	0.013	0.64	0.006	5.74	0.1	< 0.01	26.8	0.09	0.301	< 0.01	0.07	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977258	< 2	< 5	< 5	6.44	< 0.01	< 0.001	4.88	0.003	0.04	< 0.005	4.33	1.7	< 0.01	2.75	0.08	0.017	0.11	0.06	< 0.01	26.0	0.36	< 0.005	0.02
A0977259	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.26	0.013	0.68	0.005	5.59	< 0.1	< 0.01	25.8	0.08	0.286	< 0.01	0.04	0.02	15.4	0.01	< 0.005	< 0.01
A0977260	8	< 5	< 5	0.22	< 0.01	< 0.001	0.29	0.013	0.62	0.007	5.83	< 0.1	< 0.01	25.4	0.08	0.283	0.02	0.01	< 0.01	15.3	0.01	< 0.005	< 0.01
A0977261	< 2	< 5	< 5	0.18	< 0.01	< 0.001	0.36	0.012	0.64	< 0.005	4.86	0.1	< 0.01	25.6	0.09	0.279	< 0.01	< 0.01	< 0.01	15.8	< 0.01	< 0.005	< 0.01
A0977262	< 2	< 5	< 5	0.17	< 0.01	< 0.001	0.22	0.012	0.64	0.005	4.80	< 0.1	< 0.01	24.2	0.08	0.277	< 0.01	0.03	< 0.01	14.7	< 0.01	< 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
PTM-1a Meas					0.21			1.99		24.3						46.6		22.2					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.129	13.6					3.16		7.72		15.6			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.175	0.09	0.460	35.2					11.3		26.3		6.16			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.138	12.3							20.4	0.01				18.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.32		2.57			3.15	8.16			0.07			2.14	13.6		16.4		0.110	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.3				0.27					4.31	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.59			5.33		1.09		8.51	2.4		2.93	0.13			1.17		22.8	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.06						0.128	7.04			0.11			61.4						6.33
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.010		0.409							0.17	33.6		0.29			55.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.51	< 0.01	< 0.001	1.97	0.004	< 0.01	0.368	3.64	2.2		0.52	0.06		1.33	4.49	0.01	26.3	0.19	< 0.005	5.06
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.031		22.8	31.2			0.74	0.01		0.72	35.2	< 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	4820	2020	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1890	1650	218																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977230 Orig				0.23	< 0.01	< 0.001	0.54	0.012	0.43	0.005	6.30	< 0.1	< 0.01	24.3	0.09	0.276	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977230 Dup				0.22	< 0.01	< 0.001	0.39	0.011	0.41	0.006	6.21	< 0.1	< 0.01	23.9	0.09	0.276	< 0.01	0.08	< 0.01	15.0	0.01	< 0.005	< 0.01
A0977237 Orig	< 2	< 5	< 5																				
A0977237 Dup	4	< 5	< 5																				
A0977238 Orig				0.21	< 0.01	< 0.001	0.72	0.012	0.48	< 0.005	5.16	0.2	< 0.01	24.8	0.09	0.266	< 0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0977238 Dup				0.21	< 0.01	< 0.001	0.67	0.012	0.48	< 0.005	5.07	0.1	< 0.01	25.2	0.09	0.266	< 0.01	0.02	< 0.01	16.0	< 0.01	< 0.005	0.02
A0977247 Orig	13	< 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
A0977247 Dup	12	< 5	< 5																				
A0977257 Orig	< 2	< 5	< 5																				
A0977257 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	< 0.01	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04589Rev.**
Report Date: **28-May-20**
Date Submitted: **25-Apr-20**
Your Reference: **Crawford (CR20-C-B67)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-20 08:51:02
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-06 11:59:10

REPORT **A20-04589Rev.**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977263	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.37	0.012	0.75	0.006	5.71	< 0.1	< 0.01	25.8	0.08	0.323	< 0.01	0.05	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977264	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.29	0.013	0.68	0.011	5.36	< 0.1	< 0.01	26.3	0.09	0.282	< 0.01	0.03	< 0.01	15.7	< 0.01	< 0.005	< 0.01
A0977265	12	< 5	< 5	0.33	< 0.01	< 0.001	0.44	0.009	0.10	< 0.005	4.00	< 0.1	< 0.01	26.5	0.06	0.288	< 0.01	0.05	< 0.01	15.6	0.02	< 0.005	< 0.01
A0977266	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.30	0.013	0.68	< 0.005	5.35	< 0.1	< 0.01	26.1	0.09	0.286	< 0.01	0.05	< 0.01	15.9	0.01	< 0.005	0.01
A0977267	2	< 5	< 5	0.22	< 0.01	< 0.001	0.21	0.014	0.70	0.006	5.82	< 0.1	< 0.01	26.5	0.08	0.280	< 0.01	< 0.01	< 0.01	15.7	0.02	< 0.005	< 0.01
A0977268	12	< 5	< 5	0.25	< 0.01	< 0.001	0.24	0.013	0.73	0.007	6.20	< 0.1	< 0.01	26.5	0.08	0.306	< 0.01	< 0.01	< 0.01	15.4	0.01	< 0.005	< 0.01
A0977269	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.23	0.012	0.69	0.005	5.37	< 0.1	< 0.01	26.8	0.08	0.280	< 0.01	0.01	< 0.01	16.0	0.01	< 0.005	< 0.01
A0977270	4	< 5	< 5	0.25	< 0.01	< 0.001	0.36	0.013	0.64	0.007	5.91	0.1	< 0.01	25.8	0.08	0.308	< 0.01	0.02	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977271	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.38	0.012	0.66	0.006	5.64	< 0.1	< 0.01	25.5	0.08	0.280	< 0.01	< 0.01	< 0.01	15.7	0.01	< 0.005	< 0.01
A0977272	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.29	0.013	0.68	< 0.005	5.39	< 0.1	< 0.01	26.2	0.08	0.286	< 0.01	< 0.01	< 0.01	16.0	0.01	< 0.005	0.01
A0977273	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.29	0.012	0.70	< 0.005	5.35	< 0.1	< 0.01	26.5	0.09	0.278	< 0.01	< 0.01	< 0.01	15.2	0.01	< 0.005	< 0.01
A0977274	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.33	0.013	0.68	< 0.005	5.10	< 0.1	< 0.01	26.3	0.08	0.288	< 0.01	0.01	< 0.01	16.0	0.01	< 0.005	0.01
A0977275	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.33	0.013	0.73	0.011	5.95	< 0.1	< 0.01	25.7	0.08	0.285	< 0.01	< 0.01	< 0.01	15.4	0.01	< 0.005	0.01
A0977276	3	< 5	< 5	0.22	< 0.01	< 0.001	0.27	0.012	0.68	0.007	5.76	< 0.1	< 0.01	26.0	0.08	0.292	< 0.01	< 0.01	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977277	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.20	0.012	0.65	0.007	5.39	< 0.1	< 0.01	25.2	0.08	0.266	< 0.01	0.02	< 0.01	15.0	0.02	< 0.005	< 0.01
A0977278	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.29	0.012	0.69	0.008	5.57	< 0.1	< 0.01	26.2	0.08	0.280	< 0.01	0.01	< 0.01	15.3	0.02	< 0.005	< 0.01
A0977279	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.27	0.013	0.74	0.016	5.70	< 0.1	< 0.01	25.5	0.08	0.307	< 0.01	0.03	< 0.01	15.8	0.02	< 0.005	< 0.01
A0977280	4	< 5	< 5	0.22	< 0.01	< 0.001	0.34	0.013	0.74	0.010	5.10	0.1	< 0.01	26.3	0.08	0.287	< 0.01	< 0.01	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977281	2	< 5	< 5	0.26	< 0.01	< 0.001	0.23	0.014	0.74	0.020	6.34	< 0.1	< 0.01	25.5	0.09	0.308	< 0.01	0.03	< 0.01	15.7	0.01	< 0.005	< 0.01
A0977282	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.30	0.012	0.71	0.011	6.09	< 0.1	< 0.01	25.8	0.08	0.277	< 0.01	0.01	< 0.01	15.2	0.02	< 0.005	< 0.01
A0977283	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.34	0.012	0.72	0.007	5.70	< 0.1	< 0.01	26.1	0.09	0.286	< 0.01	< 0.01	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977284	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.37	0.012	0.75	0.006	5.56	0.1	< 0.01	26.3	0.09	0.287	< 0.01	< 0.01	< 0.01	16.5	0.01	< 0.005	< 0.01
A0977285	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.31	0.012	0.73	0.027	5.76	< 0.1	< 0.01	26.5	0.08	0.271	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	0.02
A0977286	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.33	0.014	0.69	< 0.005	5.86	0.1	< 0.01	26.0	0.09	0.277	< 0.01	< 0.01	< 0.01	16.1	0.01	< 0.005	< 0.01
A0977287	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.30	0.012	0.72	0.007	5.69	< 0.1	< 0.01	26.6	0.09	0.281	< 0.01	0.02	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977288	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.33	0.011	0.73	0.005	5.37	< 0.1	< 0.01	26.2	0.09	0.282	0.04	0.02	< 0.01	15.3	0.01	< 0.005	0.06
A0977289	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.27	0.012	0.73	< 0.005	5.46	< 0.1	< 0.01	26.1	0.09	0.279	< 0.01	< 0.01	< 0.01	15.5	0.01	< 0.005	< 0.01
A0977290	< 2	< 5	< 5	0.18	< 0.01	< 0.001	0.28	0.012	0.71	< 0.005	5.73	< 0.1	< 0.01	25.9	0.09	0.289	< 0.01	< 0.01	< 0.01	15.4	0.01	< 0.005	0.01
A0977291	< 2	< 5	< 5	6.78	< 0.01	< 0.001	5.91	0.002	0.02	< 0.005	3.23	1.8	< 0.01	2.01	0.05	0.011	< 0.01	< 0.01	< 0.01	28.1	0.29	< 0.005	< 0.01
A0977292	8	< 5	< 5	0.24	< 0.01	< 0.001	0.36	0.013	0.71	0.008	6.01	< 0.1	< 0.01	26.0	0.08	0.297	< 0.01	0.02	< 0.01	16.0	0.01	< 0.005	< 0.01
A0977293	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.28	0.013	0.78	0.007	6.09	< 0.1	< 0.01	26.2	0.09	0.295	< 0.01	0.01	< 0.01	15.7	0.01	< 0.005	< 0.01
A0977294	< 2	< 5	6	0.24	< 0.01	< 0.001	0.31	0.012	0.77	< 0.005	5.32	< 0.1	< 0.01	25.8	0.08	0.288	0.03	0.02	< 0.01	15.5	0.01	< 0.005	< 0.01
A0977295	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.40	0.012	0.71	< 0.005	5.45	0.1	< 0.01	26.0	0.09	0.269	< 0.01	< 0.01	< 0.01	16.2	0.01	< 0.005	< 0.01
A0977296	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.44	0.014	0.74	0.005	6.16	0.1	< 0.01	25.8	0.08	0.312	< 0.01	< 0.01	< 0.01	16.2	0.01	< 0.005	< 0.01
A0977297	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.29	0.013	0.72	< 0.005	5.58	< 0.1	< 0.01	26.0	0.08	0.282	< 0.01	0.02	< 0.01	15.7	0.01	< 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
PTM-1a Meas					0.21			2.02		24.1						49.2		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.123	14.0					3.28		7.44		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.161	0.09	0.428	32.5					10.3		25.6		6.23			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.2							19.8	0.01				18.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.29		2.64			3.10	8.30			0.08			2.14	13.8		16.4		0.110	16.9
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.2				0.27					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.43			5.38		1.07		8.56	2.3		2.98	0.13			1.20		22.4	0.72		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.124	6.95			0.18			63.1						5.97
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
OREAS 621 (Peroxide Fusion) Meas				6.73	< 0.01	< 0.001	2.16	0.004	< 0.01	0.388	3.80	2.2		0.53	0.06		1.35	4.54	0.01	26.0	0.18	< 0.005	5.15
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.10			0.032		22.3	31.4			0.75	0.01		0.71	35.7	0.01				2.99
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	4780	2030	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1740	1570	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977265 Orig				0.33	< 0.01	< 0.001	0.37	0.009	0.10	< 0.005	4.01	< 0.1	< 0.01	26.7	0.06	0.290	< 0.01	0.05	< 0.01	15.6	0.02	< 0.005	< 0.01
A0977265 Dup				0.33	< 0.01	< 0.001	0.52	0.009	0.10	< 0.005	3.98	< 0.1	< 0.01	26.2	0.06	0.285	< 0.01	0.05	< 0.01	15.6	0.02	< 0.005	< 0.01
A0977272 Orig	< 2	< 5	< 5																				
A0977272 Dup	< 2	< 5	< 5																				
A0977273 Orig				0.21	< 0.01	< 0.001	0.30	0.012	0.69	< 0.005	5.37	< 0.1	< 0.01	26.7	0.09	0.280	< 0.01	0.01	< 0.01	15.0	0.01	< 0.005	0.01
A0977273 Dup				0.21	< 0.01	< 0.001	0.28	0.012	0.70	< 0.005	5.32	< 0.1	< 0.01	26.2	0.09	0.277	< 0.01	< 0.01	< 0.01	15.4	0.01	< 0.005	< 0.01
A0977282 Orig	< 2	< 5	< 5																				
A0977282 Dup	< 2	< 5	< 5																				
A0977292 Orig	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
A0977292 Dup	13	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04591**
Report Date: **20-May-20**
Date Submitted: **25-Apr-20**
Your Reference: **Crawford (CR20-C-C42)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-19 13:09:44
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-07 09:12:12

REPORT **A20-04591**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11443	13	< 5	< 5	2.68	< 0.01	< 0.001	10.3	0.005	0.29	0.040	4.21	< 0.1	< 0.01	9.57	0.12	0.037	< 0.01	0.07	< 0.01	19.2	0.09	< 0.005	0.02
B11444	< 2	< 5	< 5	1.55	< 0.01	< 0.001	5.66	0.008	0.24	0.009	6.38	< 0.1	< 0.01	12.3	0.11	0.080	< 0.01	0.02	< 0.01	23.3	0.05	< 0.005	< 0.01
B11445	< 2	< 5	< 5	1.47	< 0.01	< 0.001	3.47	0.012	0.42	0.019	8.91	< 0.1	< 0.01	13.5	0.10	0.124	< 0.01	0.49	< 0.01	21.1	0.05	< 0.005	< 0.01
B11446	< 2	6	< 5	4.12	< 0.01	< 0.001	4.28	0.008	0.22	< 0.005	7.14	< 0.1	< 0.01	13.7	0.11	0.066	< 0.01	0.09	< 0.01	19.1	0.07	< 0.005	0.02
B11447	< 2	< 5	< 5	8.28	< 0.01	< 0.001	2.89	0.008	0.18	< 0.005	7.09	< 0.1	< 0.01	13.7	0.15	0.042	< 0.01	< 0.01	< 0.01	15.6	0.09	< 0.005	< 0.01
B11448	< 2	14	6	3.86	< 0.01	< 0.001	5.78	0.009	0.12	< 0.005	6.52	< 0.1	< 0.01	13.1	0.13	0.062	< 0.01	0.01	< 0.01	19.7	0.07	< 0.005	< 0.01
B11449	< 2	8	< 5	4.40	< 0.01	< 0.001	5.04	0.008	0.12	< 0.005	6.47	< 0.1	< 0.01	13.5	0.12	0.055	< 0.01	< 0.01	< 0.01	20.0	0.06	< 0.005	< 0.01
B11450	< 2	5	< 5	5.40	< 0.01	< 0.001	4.95	0.008	0.13	< 0.005	6.21	< 0.1	< 0.01	12.9	0.13	0.059	< 0.01	< 0.01	< 0.01	18.3	0.07	< 0.005	0.01
B11451	< 2	8	< 5	5.59	< 0.01	< 0.001	5.23	0.008	0.12	0.005	6.21	< 0.1	< 0.01	12.7	0.14	0.097	< 0.01	0.02	< 0.01	18.8	0.07	< 0.005	0.02
B11452	< 2	< 5	< 5	6.77	< 0.01	< 0.001	4.31	0.003	0.03	< 0.005	3.34	2.0	< 0.01	2.55	0.06	0.009	< 0.01	0.01	< 0.01	28.3	0.26	< 0.005	< 0.01
B11453	< 2	7	< 5	5.06	< 0.01	< 0.001	5.11	0.008	0.13	< 0.005	6.23	< 0.1	< 0.01	12.6	0.13	0.073	< 0.01	0.02	< 0.01	19.3	0.07	< 0.005	< 0.01
B11454	30	8	< 5	4.59	< 0.01	< 0.001	5.80	0.008	0.11	0.008	6.32	< 0.1	< 0.01	12.7	0.13	0.062	< 0.01	0.03	< 0.01	19.7	0.06	< 0.005	0.01
B11455	< 2	< 5	< 5	4.07	< 0.01	< 0.001	5.60	0.009	0.14	< 0.005	6.42	< 0.1	< 0.01	12.1	0.13	0.058	< 0.01	< 0.01	< 0.01	20.1	0.09	< 0.005	< 0.01
B11456	3	5	< 5	4.07	< 0.01	< 0.001	5.72	0.009	0.15	0.011	6.41	< 0.1	< 0.01	11.7	0.12	0.075	< 0.01	0.03	< 0.01	19.7	0.09	< 0.005	< 0.01
B11457	5	5	< 5	4.05	< 0.01	< 0.001	5.68	0.009	0.15	0.010	6.37	< 0.1	< 0.01	12.4	0.12	0.066	< 0.01	0.02	< 0.01	20.3	0.09	< 0.005	< 0.01
B11458	3	< 5	< 5	5.60	< 0.01	< 0.001	7.81	0.007	0.15	0.006	5.76	< 0.1	< 0.01	9.47	0.14	0.039	< 0.01	< 0.01	< 0.01	18.2	0.11	< 0.005	< 0.01
B11459	< 2	< 5	< 5	4.85	< 0.01	< 0.001	6.40	0.007	0.15	0.005	6.12	< 0.1	< 0.01	10.3	0.13	0.046	< 0.01	0.01	< 0.01	20.5	0.11	< 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
PTM-1a Meas					0.21			2.04		24.2						49.3		22.7					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.18	0.121	14.0					3.18		7.45		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.165	0.08	0.426	33.7					10.6		26.3		6.27			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							20.4	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.48			3.13	8.20			0.09			2.10	13.5		16.7		0.110	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.9				0.26					4.27	13.3		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.50			5.26		1.07		8.46	2.3		2.95	0.13			1.15		22.6	0.73		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.006	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.09						0.119	6.86			0.10			62.9						5.70
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.011		0.424							0.17	33.3		0.34			56.6
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.86	< 0.01	< 0.001	1.99	0.003	< 0.01	0.362	3.84	2.2		0.54	0.06		1.37	4.53	0.01	28.1	0.19	< 0.005	5.25
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.15	0.10			0.031		22.9	31.6			0.76	0.01		0.72	36.4	0.01				2.97
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	4820	1940	1220																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1770	1560	222																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11445 Orig				1.48	< 0.01	< 0.001	3.52	0.012	0.43	0.019	8.95	< 0.1	< 0.01	13.5	0.10	0.125	< 0.01	0.47	< 0.01	21.4	0.05	< 0.005	< 0.01
B11445 Dup				1.47	< 0.01	< 0.001	3.42	0.012	0.42	0.018	8.87	< 0.1	< 0.01	13.4	0.10	0.122	< 0.01	0.50	< 0.01	20.8	0.05	< 0.005	< 0.01
B11452 Orig	< 2	< 5	< 5																				
B11452 Dup	< 2	< 5	< 5																				
B11453 Orig				5.06	< 0.01	< 0.001	5.12	0.008	0.13	< 0.005	6.22	< 0.1	< 0.01	12.5	0.13	0.080	< 0.01	0.03	< 0.01	19.1	0.07	< 0.005	0.03
B11453 Dup				5.06	< 0.01	< 0.001	5.11	0.009	0.12	< 0.005	6.23	< 0.1	< 0.01	12.7	0.13	0.066	< 0.01	0.01	< 0.01	19.5	0.07	< 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

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				< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04593**
Report Date: **25-May-20**
Date Submitted: **26-Apr-20**
Your Reference: **Crawford (CR20-C-B68)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-20 08:51:02
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-07 13:36:41

REPORT **A20-04593**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977298	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.40	0.012	0.74	< 0.005	5.61	< 0.1	< 0.01	24.9	0.08	0.329	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977299	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.35	0.009	0.60	< 0.005	4.64	< 0.1	< 0.01	22.8	0.06	0.240	0.03	0.02	< 0.01	15.9	0.05	< 0.005	< 0.01
A0977300	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.14	0.012	0.73	< 0.005	5.27	< 0.1	< 0.01	25.5	0.07	0.283	< 0.01	0.02	< 0.01	15.6	0.01	< 0.005	< 0.01
A0977301	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.25	0.012	0.74	< 0.005	5.50	< 0.1	< 0.01	24.0	0.08	0.279	0.03	0.03	< 0.01	16.0	0.01	< 0.005	0.02
A0977302	8	< 5	< 5	6.53	< 0.01	< 0.001	5.15	< 0.002	0.02	< 0.005	3.01	1.7	< 0.01	1.91	0.05	0.008	< 0.01	0.04	< 0.01	28.1	0.23	< 0.005	< 0.01
A0977303	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.25	0.012	0.72	< 0.005	5.04	< 0.1	< 0.01	24.1	0.08	0.282	0.01	0.02	< 0.01	15.7	0.01	< 0.005	< 0.01
A0977304	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.39	0.012	0.76	< 0.005	5.82	< 0.1	< 0.01	22.6	0.07	0.284	< 0.01	0.03	< 0.01	15.3	0.02	< 0.005	< 0.01
A0977305	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.28	0.012	0.79	< 0.005	5.71	< 0.1	< 0.01	24.5	0.07	0.297	< 0.01	0.03	< 0.01	15.2	0.01	< 0.005	< 0.01
A0977306	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.30	0.011	0.70	< 0.005	4.87	< 0.1	< 0.01	23.1	0.07	0.271	< 0.01	0.02	< 0.01	15.3	0.01	< 0.005	< 0.01
A0977307	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.35	0.013	0.72	< 0.005	5.60	< 0.1	< 0.01	22.9	0.08	0.277	< 0.01	0.06	< 0.01	15.3	0.01	< 0.005	0.02
A0977308	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.36	0.012	0.75	< 0.005	5.47	< 0.1	< 0.01	24.0	0.08	0.290	< 0.01	0.02	< 0.01	15.5	0.01	< 0.005	< 0.01
A0977309	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.29	0.011	0.71	0.007	5.49	< 0.1	< 0.01	23.0	0.08	0.276	< 0.01	0.05	< 0.01	14.6	0.01	< 0.005	< 0.01
A0977310	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.37	0.012	0.73	< 0.005	6.17	< 0.1	< 0.01	23.9	0.08	0.278	0.01	0.03	< 0.01	16.0	0.01	< 0.005	0.01
A0977311	3	< 5	< 5	0.31	< 0.01	< 0.001	0.35	0.011	0.73	< 0.005	5.26	< 0.1	< 0.01	23.3	0.09	0.286	< 0.01	0.03	< 0.01	15.4	0.01	< 0.005	< 0.01
A0977312	< 2	< 5	12	0.26	< 0.01	< 0.001	0.41	0.012	0.72	< 0.005	5.38	< 0.1	< 0.01	22.4	0.08	0.289	0.01	0.05	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977313	2	24	15	0.36	< 0.01	< 0.001	0.26	0.015	0.64	0.015	5.49	< 0.1	< 0.01	24.1	0.09	0.381	0.01	0.08	< 0.01	15.9	0.02	< 0.005	< 0.01
A0977314	3	29	14	0.38	< 0.01	< 0.001	0.35	0.015	0.64	0.011	6.23	< 0.1	< 0.01	24.2	0.08	0.385	0.02	0.08	< 0.01	15.3	0.02	< 0.005	< 0.01
A0977315	4	20	14	0.44	< 0.01	< 0.001	0.34	0.012	0.64	0.007	5.31	< 0.1	< 0.01	23.6	0.08	0.274	< 0.01	0.04	< 0.01	15.8	0.02	< 0.005	0.01
A0977316	5	19	15	0.41	< 0.01	< 0.001	0.35	0.012	0.65	< 0.005	5.12	< 0.1	< 0.01	23.8	0.08	0.299	< 0.01	0.05	< 0.01	16.4	0.02	< 0.005	< 0.01
A0977317	12	< 5	< 5	0.33	< 0.01	< 0.001	0.46	0.009	0.11	< 0.005	4.03	< 0.1	< 0.01	23.3	0.06	0.292	< 0.01	0.07	< 0.01	16.0	0.02	< 0.005	< 0.01
A0977318	< 2	11	8	0.44	< 0.01	< 0.001	0.29	0.013	0.61	< 0.005	4.88	< 0.1	< 0.01	23.2	0.08	0.296	< 0.01	0.07	< 0.01	16.0	0.02	< 0.005	< 0.01
A0977319	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.24	0.010	0.53	< 0.005	5.02	< 0.1	< 0.01	20.9	0.07	0.215	< 0.01	0.04	< 0.01	14.2	0.03	< 0.005	< 0.01
A0977320	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.33	0.011	0.53	< 0.005	5.60	< 0.1	< 0.01	24.0	0.08	0.236	< 0.01	0.03	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977321	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.30	0.012	0.60	< 0.005	5.09	< 0.1	< 0.01	23.1	0.08	0.244	0.02	0.06	< 0.01	16.2	0.03	< 0.005	< 0.01
A0977322	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.40	0.012	0.62	< 0.005	5.44	< 0.1	< 0.01	22.9	0.08	0.246	< 0.01	0.03	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977323	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.34	0.011	0.59	< 0.005	5.05	< 0.1	< 0.01	23.7	0.08	0.239	0.01	0.02	< 0.01	16.1	0.03	< 0.005	< 0.01
A0977324	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.43	0.011	0.59	< 0.005	4.51	< 0.1	< 0.01	23.5	0.07	0.235	< 0.01	0.04	0.01	16.4	0.03	< 0.005	< 0.01
A0977325	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.40	0.012	0.60	< 0.005	4.64	< 0.1	< 0.01	24.1	0.08	0.221	< 0.01	0.02	< 0.01	15.7	0.03	< 0.005	< 0.01
A0977326	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.33	0.012	0.62	< 0.005	5.10	< 0.1	< 0.01	23.0	0.08	0.233	0.02	0.02	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977327	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.23	0.014	0.61	< 0.005	5.60	< 0.1	< 0.01	25.6	0.09	0.242	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977328	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.41	0.013	0.59	< 0.005	4.81	0.1	< 0.01	23.0	0.08	0.240	0.01	0.02	< 0.01	15.7	0.03	< 0.005	< 0.01
A0977329	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.40	0.011	0.54	< 0.005	5.03	< 0.1	< 0.01	24.6	0.08	0.247	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977330	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.36	0.012	0.54	< 0.005	5.00	< 0.1	< 0.01	23.1	0.08	0.258	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977331	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.39	0.012	0.59	< 0.005	5.85	< 0.1	< 0.01	23.6	0.08	0.244	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977332	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.36	0.012	0.54	< 0.005	5.09	< 0.1	< 0.01	23.4	0.08	0.265	0.01	0.03	< 0.01	16.4	0.03	< 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
PTM-1a Meas					0.21			1.96		23.8						46.3		21.8					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
PTM-1a Meas					0.21			2.01		25.2						46.6		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.68														3.57				
CD-1 Cert					0.660														3.57				
GBW 07239 (NCS DC 70007) Meas					< 0.01			0.002		< 0.005					1.15	0.012	0.03					0.097	0.01
GBW 07239 (NCS DC 70007) Cert					0.0001			0.00135		0.005					1.15	0.00209	0.003					0.10	0.01
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.18	0.117	13.5					3.27		7.17		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.060	0.18	0.120	14.0					3.25		7.58		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.174	0.08	0.439	33.7					11.0		26.5		6.25			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.174	0.08	0.454	33.8					11.0		26.4		6.47			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.137	12.2							20.3	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.54			3.23	8.46			0.02			2.14	13.6		16.7		0.110	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.30		2.59			3.16	8.23			0.02			2.13	13.1		16.3		0.110	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.1				0.27					4.63	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.3				0.27					4.65	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.44			5.33		1.08		8.64	2.2		3.00	0.13			1.18		22.6	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
OREAS 13b (fusion) Meas				8.57			5.39		1.07		8.64	2.3		2.91	0.13			1.22		22.4	0.72		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304													1.06									0.004	

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
Cert																							
CPB-2 Meas				0.07						0.124	6.85			0.07			64.3						5.93
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CPB-2 Meas				0.06						0.118	6.61			0.17			63.2						5.58
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.014		0.421							0.18	34.0		0.28			56.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.78	< 0.01	< 0.001	2.11	0.004	< 0.01	0.372	3.81	2.2		0.51	0.06		1.36	4.51	0.01	27.7	0.18	< 0.005	5.18
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.033		22.7	31.7			0.74	0.01		0.71	36.0	< 0.01				2.94
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
CCU-1e Meas				0.13	0.10			0.031		22.1	30.8			0.77	< 0.01		0.66	35.7	0.01				2.98
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	4610	2010	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1850	1730	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977300 Orig				0.23	< 0.01	< 0.001	0.26	0.012	0.72	< 0.005	5.27	< 0.1	< 0.01	24.1	0.07	0.278	< 0.01	0.02	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977300 Dup				0.23	< 0.01	< 0.001	0.03	0.012	0.74	< 0.005	5.26	< 0.1	< 0.01	26.8	0.07	0.288	0.01	0.01	< 0.01	15.3	0.01	< 0.005	< 0.01
A0977307 Orig	< 2	< 5	< 5																				
A0977307 Dup	< 2	< 5	< 5																				
A0977308 Orig				0.23	< 0.01	< 0.001	0.39	0.012	0.73	< 0.005	5.39	< 0.1	< 0.01	23.8	0.08	0.277	< 0.01	0.02	< 0.01	15.4	0.01	< 0.005	< 0.01
A0977308 Dup				0.23	< 0.01	< 0.001	0.34	0.012	0.76	< 0.005	5.55	< 0.1	< 0.01	24.2	0.08	0.302	0.02	0.03	< 0.01	15.6	0.01	< 0.005	< 0.01
A0977318 Orig	2	11	8																				
A0977318 Dup	< 2	11	9																				
A0977327 Orig	< 2	< 5	< 5																				
A0977327 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	< 0.01	< 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				< 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.: **A20-04594**
Report Date: **19-May-20**
Date Submitted: **26-Apr-20**
Your Reference: **Crawford (CR20-C-B69)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-13 10:36:34
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-07 12:49:10

REPORT **A20-04594**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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
A0977333	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.26	0.012	0.60	< 0.005	5.68	< 0.1	< 0.01	25.5	0.08	0.313	0.01	0.08	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977334	< 2	6	< 5	0.54	< 0.01	< 0.001	0.28	0.012	0.55	< 0.005	5.85	< 0.1	< 0.01	26.2	0.09	0.297	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977335	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.20	0.012	0.54	< 0.005	6.26	< 0.1	< 0.01	24.8	0.08	0.292	< 0.01	0.04	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977336	4	7	9	0.55	< 0.01	< 0.001	0.28	0.012	0.56	< 0.005	5.76	< 0.1	< 0.01	25.2	0.08	0.303	0.02	0.05	< 0.01	17.2	0.03	< 0.005	0.02
A0977337	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.36	0.012	0.57	< 0.005	5.70	0.1	< 0.01	25.1	0.08	0.289	0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977338	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.18	0.012	0.59	< 0.005	5.59	< 0.1	< 0.01	24.7	0.08	0.290	0.02	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977339	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.23	0.012	0.55	0.013	5.57	< 0.1	< 0.01	25.2	0.08	0.274	0.04	0.06	< 0.01	15.9	0.03	< 0.005	0.02
A0977340	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.27	0.012	0.56	< 0.005	5.64	< 0.1	< 0.01	26.2	0.09	0.260	0.01	0.04	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977341	3	39	33	7.00	< 0.01	< 0.001	5.56	0.018	0.03	0.033	9.48	0.7	< 0.01	4.02	0.11	0.749	< 0.01	1.73	< 0.01	22.6	1.03	< 0.005	0.01
A0977342	< 2	13	< 5	0.53	< 0.01	< 0.001	0.27	0.012	0.59	< 0.005	5.97	< 0.1	< 0.01	24.5	0.09	0.258	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977343	< 2	< 5	6	0.42	< 0.01	< 0.001	0.30	0.013	0.56	< 0.005	5.17	0.1	< 0.01	24.9	0.09	0.241	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977344	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.30	0.013	0.55	< 0.005	6.38	0.1	< 0.01	24.3	0.08	0.239	0.02	0.02	< 0.01	15.6	0.03	< 0.005	< 0.01
A0977345	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.25	0.012	0.58	< 0.005	5.34	< 0.1	< 0.01	24.9	0.09	0.248	0.04	0.05	< 0.01	16.3	0.03	< 0.005	0.02
A0977346	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.30	0.012	0.57	< 0.005	5.47	0.1	< 0.01	24.7	0.08	0.233	0.01	0.08	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977347	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.27	0.011	0.56	< 0.005	5.59	< 0.1	< 0.01	25.0	0.08	0.219	< 0.01	0.01	< 0.01	16.1	0.03	< 0.005	< 0.01
A0977348	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.35	0.013	0.57	< 0.005	5.52	0.1	< 0.01	24.7	0.08	0.221	0.02	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977349	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.28	0.011	0.56	< 0.005	4.93	< 0.1	< 0.01	25.2	0.09	0.222	0.01	0.03	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977350	< 2	< 5	< 5	7.44	< 0.01	< 0.001	3.48	< 0.002	0.02	< 0.005	3.88	2.0	< 0.01	2.30	0.07	0.011	< 0.01	0.09	< 0.01	29.3	0.32	< 0.005	< 0.01
A0977351	< 2	5	< 5	0.53	< 0.01	< 0.001	0.34	0.013	0.56	< 0.005	5.69	0.1	< 0.01	25.2	0.08	0.248	0.02	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977352	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.33	0.013	0.56	< 0.005	5.44	0.1	< 0.01	24.9	0.09	0.215	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977353	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.29	0.013	0.53	< 0.005	5.49	< 0.1	< 0.01	24.9	0.08	0.222	< 0.01	0.03	< 0.01	15.8	0.03	< 0.005	< 0.01
A0977354	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.23	0.012	0.58	< 0.005	5.19	< 0.1	< 0.01	25.3	0.09	0.223	< 0.01	0.03	< 0.01	15.7	0.03	< 0.005	< 0.01
A0977355	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.33	0.012	0.58	0.157	5.47	0.1	< 0.01	25.3	0.08	0.209	0.02	0.24	< 0.01	16.0	0.03	< 0.005	0.02
A0977356	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.40	0.013	0.50	< 0.005	5.47	< 0.1	< 0.01	24.7	0.08	0.246	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977357	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.28	0.012	0.53	< 0.005	5.15	< 0.1	< 0.01	25.3	0.09	0.204	0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977358	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.23	0.011	0.54	< 0.005	4.25	< 0.1	< 0.01	25.8	0.09	0.210	0.01	0.05	< 0.01	16.4	0.03	< 0.005	0.03
A0977359	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.21	0.013	0.55	< 0.005	4.97	< 0.1	< 0.01	24.7	0.09	0.198	< 0.01	< 0.01	< 0.01	16.2	0.03	< 0.005	< 0.01
A0977360	< 2	< 5	23	0.53	< 0.01	< 0.001	0.23	0.013	0.56	< 0.005	5.49	< 0.1	< 0.01	25.0	0.09	0.255	< 0.01	0.06	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977361	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.29	0.014	0.61	< 0.005	6.71	< 0.1	< 0.01	24.4	0.08	0.270	< 0.01	0.06	0.02	16.7	0.03	< 0.005	< 0.01
A0977362	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.22	0.012	0.61	< 0.005	5.82	< 0.1	< 0.01	25.0	0.08	0.273	< 0.01	0.04	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977363	3	< 5	10	0.54	< 0.01	< 0.001	0.31	0.013	0.66	< 0.005	5.94	< 0.1	< 0.01	24.4	0.09	0.265	0.03	0.05	< 0.01	16.3	0.03	< 0.005	0.01
A0977364	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.31	0.012	0.76	< 0.005	5.83	< 0.1	< 0.01	24.9	0.09	0.333	0.03	0.07	< 0.01	16.4	0.03	< 0.005	0.01
A0977365	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.21	0.012	0.77	< 0.005	5.76	< 0.1	< 0.01	23.9	0.09	0.322	0.01	0.05	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977366	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.26	0.012	0.82	< 0.005	5.21	< 0.1	< 0.01	24.7	0.09	0.312	< 0.01	0.05	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977367	< 2	9	< 5	0.54	< 0.01	< 0.001	0.25	0.011	0.69	< 0.005	5.27	< 0.1	< 0.01	25.3	0.09	0.344	< 0.01	0.04	< 0.01	16.4	0.03	< 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
PTM-1a Meas					0.21			2.08		24.5						47.5		23.0					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.68														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.17	0.126	13.8					3.25		7.64		14.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.168	0.08	0.432	32.9					10.8		26.4		6.03			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.134	11.8							19.6	< 0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.31		2.59			3.04	7.90			0.10			2.07	13.7		16.9		0.110	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											42.4				0.27					4.89	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.65			5.60		1.11		8.72	2.4		3.11	0.13			1.26		23.1	0.74		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.005	
NCS DC86304 Cert													1.06									0.004	
CZN-4 Meas				0.07	0.03			0.009		0.420							0.18	34.1		0.36			56.4
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.57	< 0.01	< 0.001	2.07	0.003	< 0.01	0.382	3.74	2.2		0.58	0.06		1.39	4.64	< 0.01	27.1	0.19	< 0.005	5.29
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas								0.031			30.4			0.82				36.2	< 0.01				
CCU-1e Cert								0.0301			30.7			0.706				35.3	0.0104				
CDN-PGMS-27 Meas	4940	2050	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4420	2040	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1800	1690	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1840	1630	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1960	1690	235																				

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
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977335 Orig				0.54	< 0.01	< 0.001	0.22	0.012	0.53	< 0.005	6.17	< 0.1	< 0.01	24.3	0.08	0.292	0.01	0.04	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977335 Dup				0.55	< 0.01	< 0.001	0.18	0.012	0.54	< 0.005	6.35	< 0.1	< 0.01	25.3	0.08	0.292	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977342 Orig	< 2	13	< 5																				
A0977342 Dup	< 2	13	< 5																				
A0977343 Orig				0.41	< 0.01	< 0.001	0.31	0.013	0.56	< 0.005	5.08	0.1	< 0.01	25.0	0.09	0.240	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977343 Dup				0.42	< 0.01	< 0.001	0.29	0.013	0.56	< 0.005	5.27	0.1	< 0.01	24.8	0.09	0.241	< 0.01	0.03	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977352 Orig	< 2	< 5	< 5																				
A0977352 Dup	< 2	< 5	< 5																				
A0977362 Orig	< 2	< 5	< 5																				
A0977362 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	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	0.02	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	0.07	< 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	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04654**
Report Date: **22-May-20**
Date Submitted: **27-Apr-20**
Your Reference: **Crawford (CR20-C-B70)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-21 08:59:45
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-08 09:58:33

REPORT **A20-04654**

Notes:

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	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
A0977368	< 2	7	< 5	0.56	< 0.01	< 0.001	0.27	0.011	0.64	< 0.005	5.23	< 0.1	< 0.01	24.1	0.09	0.304	0.02	0.06	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977369	< 2	6	11	0.51	< 0.01	< 0.001	0.28	0.012	0.56	< 0.005	5.63	< 0.1	< 0.01	23.4	0.09	0.295	< 0.01	0.05	< 0.01	16.2	0.03	< 0.005	0.01
A0977370	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.29	0.013	0.60	< 0.005	5.65	< 0.1	< 0.01	23.9	0.10	0.324	< 0.01	0.03	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977371	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.31	0.012	0.65	< 0.005	5.66	< 0.1	< 0.01	23.7	0.10	0.268	0.03	0.02	< 0.01	16.5	0.03	< 0.005	0.01
A0977372	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.24	0.012	0.53	< 0.005	5.56	< 0.1	< 0.01	23.2	0.09	0.212	< 0.01	0.02	< 0.01	15.9	0.03	< 0.005	< 0.01
A0977373	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.31	0.012	0.62	< 0.005	5.34	0.1	< 0.01	23.7	0.09	0.232	< 0.01	0.03	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977374	11	< 5	< 5	0.31	< 0.01	< 0.001	0.55	0.009	0.10	< 0.005	3.86	0.1	< 0.01	23.6	0.06	0.283	< 0.01	0.06	< 0.01	15.9	0.02	< 0.005	< 0.01
A0977375	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.29	0.013	0.59	< 0.005	5.76	< 0.1	< 0.01	22.8	0.10	0.200	< 0.01	0.07	< 0.01	15.9	0.02	< 0.005	0.03
A0977376	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.30	0.013	0.65	< 0.005	5.59	0.1	< 0.01	24.3	0.10	0.224	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	0.01
A0977377	< 2	< 5	12	0.47	< 0.01	< 0.001	0.30	0.013	0.61	< 0.005	5.44	0.1	< 0.01	23.7	0.09	0.221	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	0.02
A0977378	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.30	0.012	0.62	< 0.005	5.23	0.1	< 0.01	23.8	0.09	0.208	0.02	0.06	< 0.01	16.1	0.03	< 0.005	0.02
A0977379	10	93	270	0.51	< 0.01	< 0.001	0.33	0.015	0.53	< 0.005	5.45	0.1	< 0.01	23.9	0.09	0.198	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977380	< 2	9	< 5	0.46	< 0.01	< 0.001	0.30	0.015	0.53	< 0.005	5.61	< 0.1	< 0.01	23.4	0.09	0.199	0.02	0.06	< 0.01	16.1	0.03	< 0.005	0.02
A0977381	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.30	0.014	0.51	< 0.005	5.50	0.1	< 0.01	23.7	0.10	0.192	< 0.01	0.04	< 0.01	16.1	0.03	< 0.005	< 0.01
A0977382	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.33	0.014	0.50	0.012	5.26	0.1	< 0.01	23.8	0.09	0.242	< 0.01	0.06	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977383	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.35	0.014	0.53	0.006	5.61	0.1	< 0.01	23.3	0.10	0.241	< 0.01	0.05	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977384	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.35	0.014	0.52	< 0.005	6.28	0.1	< 0.01	22.9	0.09	0.240	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977385	2	56	11	0.54	< 0.01	< 0.001	0.32	0.013	0.51	< 0.005	5.31	0.1	< 0.01	24.2	0.09	0.230	0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977386	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.26	0.013	0.49	< 0.005	6.18	< 0.1	< 0.01	23.5	0.10	0.221	< 0.01	0.04	< 0.01	15.9	0.03	< 0.005	< 0.01
A0977387	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.24	0.013	0.50	< 0.005	6.20	< 0.1	< 0.01	23.5	0.10	0.221	< 0.01	0.04	< 0.01	15.8	0.03	< 0.005	< 0.01
A0977388	< 2	7	< 5	0.49	< 0.01	< 0.001	0.36	0.013	0.48	0.019	5.76	0.1	< 0.01	23.0	0.09	0.216	< 0.01	0.08	< 0.01	16.1	0.03	< 0.005	0.02
A0977389	< 2	39	8	0.44	< 0.01	< 0.001	0.34	0.013	0.49	< 0.005	5.03	0.1	< 0.01	23.0	0.09	0.225	< 0.01	0.05	< 0.01	16.1	0.02	< 0.005	< 0.01
A0977390	6	7	10	0.54	< 0.01	< 0.001	0.35	0.014	0.49	< 0.005	5.46	0.1	< 0.01	23.8	0.09	0.232	0.01	0.06	< 0.01	16.5	0.03	< 0.005	0.01
A0977391	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.35	0.012	0.44	< 0.005	4.70	0.1	< 0.01	24.0	0.10	0.223	< 0.01	0.04	< 0.01	16.4	0.03	< 0.005	0.01
A0977392	< 2	6	< 5	0.59	< 0.01	< 0.001	0.34	0.014	0.46	< 0.005	4.39	0.1	< 0.01	23.4	0.09	0.225	< 0.01	0.08	< 0.01	16.3	0.03	< 0.005	0.01
A0977393	< 2	31	18	0.49	< 0.01	< 0.001	0.28	0.013	0.45	< 0.005	5.36	< 0.1	< 0.01	24.3	0.10	0.218	< 0.01	0.09	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977394	2	84	6	0.49	< 0.01	< 0.001	0.28	0.014	0.47	< 0.005	5.79	< 0.1	< 0.01	23.9	0.10	0.187	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977395	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.26	0.013	0.45	< 0.005	5.79	< 0.1	< 0.01	23.5	0.10	0.165	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977396	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.31	0.013	0.44	< 0.005	5.49	0.1	< 0.01	23.9	0.10	0.166	0.02	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977397	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.33	0.013	0.46	< 0.005	4.97	< 0.1	< 0.01	23.9	0.10	0.161	0.13	0.04	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977398	< 2	< 5	< 5	7.18	< 0.01	< 0.001	4.77	0.003	0.02	< 0.005	3.81	1.5	< 0.01	2.39	0.08	0.006	< 0.01	0.03	< 0.01	27.8	0.32	< 0.005	< 0.01
A0977399	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.31	0.015	0.47	< 0.005	5.21	0.1	< 0.01	23.2	0.11	0.152	0.01	0.04	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977400	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.30	0.014	0.46	< 0.005	5.22	< 0.1	< 0.01	23.3	0.11	0.145	< 0.01	0.04	< 0.01	15.9	0.03	< 0.005	< 0.01
A0977401	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.36	0.015	0.48	< 0.005	6.58	0.1	< 0.01	22.8	0.09	0.186	< 0.01	0.05	< 0.01	16.3	0.04	< 0.005	< 0.01
A0977402	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.37	0.012	0.51	< 0.005	5.29	0.1	< 0.01	23.2	0.11	0.230	< 0.01	0.05	< 0.01	16.2	0.03	< 0.005	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
PTM-1a Meas					0.21			1.95		24.1						45.9		22.2					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.69														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.131	13.8					3.19		7.50		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					< 0.01			0.176	0.09	0.461	34.7					11.3		28.2		6.55			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.2							19.8	< 0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.27		2.46			3.08	8.02			0.16			2.06	13.3		16.1		0.112	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.2				0.27					4.42	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.6				0.28					4.74	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.52			5.32		1.09		8.64	2.4		2.91	0.13			1.20		23.5	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.014	
NCS DC86304 Cert													1.06									0.0044	
CPB-2 Meas				0.07						0.130	7.00			0.12			65.7						6.18
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.010		0.414							0.17	32.6		0.36			54.2
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.73	< 0.01	< 0.001	2.04	0.003	< 0.01	0.389	3.88	2.2		0.52	0.06		1.40	4.55	< 0.01	27.7	0.19	< 0.005	5.46
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.11			0.031		22.9	30.9			0.75	0.01		0.72	35.3	< 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	1950	1740	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977377 Orig	< 2	< 5	16																				
A0977377 Dup	< 2	< 5	8																				
A0977378 Orig				0.49	< 0.01	< 0.001	0.30	0.013	0.63	0.007	5.26	0.1	< 0.01	23.6	0.09	0.211	0.01	0.06	< 0.01	16.3	0.03	< 0.005	0.03
A0977378 Dup				0.49	< 0.01	< 0.001	0.31	0.011	0.61	< 0.005	5.20	0.1	< 0.01	24.0	0.09	0.205	0.02	0.05	< 0.01	15.9	0.03	< 0.005	0.02
A0977387 Orig	< 2	< 5	5																				
A0977387 Dup	< 2	< 5	< 5																				
A0977397 Orig	< 2	< 5	< 5																				
A0977397 Dup	< 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				< 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	0.04	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04655**
Report Date: **22-May-20**
Date Submitted: **27-Apr-20**
Your Reference: **Crawford (CR20-C-B71)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-21 08:59:45
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-19 10:40:56

REPORT **A20-04655**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977403	< 2	6	< 5	0.47	< 0.01	< 0.001	0.34	0.013	0.44	< 0.005	5.64	0.1	< 0.01	25.8	0.11	0.215	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977404	< 2	22	< 5	0.47	< 0.01	< 0.001	0.33	0.014	0.51	< 0.005	5.45	< 0.1	< 0.01	25.7	0.11	0.187	< 0.01	0.02	< 0.01	16.2	0.03	< 0.005	< 0.01
A0977405	< 2	5	< 5	0.49	< 0.01	< 0.001	0.30	0.015	0.52	0.012	5.97	< 0.1	< 0.01	25.6	0.11	0.171	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977406	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.27	0.014	0.54	0.007	5.76	< 0.1	< 0.01	26.2	0.11	0.161	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977407	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.35	0.014	0.54	0.007	5.88	0.1	< 0.01	25.6	0.11	0.161	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977408	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.33	0.014	0.53	0.013	5.94	< 0.1	< 0.01	26.0	0.11	0.160	< 0.01	0.05	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977409	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.36	0.014	0.52	0.012	5.27	0.1	< 0.01	24.9	0.11	0.150	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977410	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.31	0.014	0.53	0.013	6.07	0.1	< 0.01	24.9	0.11	0.163	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
A0977411	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.30	0.013	0.54	0.008	5.98	< 0.1	< 0.01	26.0	0.11	0.156	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0977412	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.26	0.014	0.52	0.008	6.16	< 0.1	< 0.01	25.4	0.11	0.194	< 0.01	0.03	< 0.01	16.0	0.03	< 0.005	0.02
A0977413	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.28	0.014	0.48	0.006	6.24	< 0.1	< 0.01	25.4	0.11	0.167	< 0.01	0.03	< 0.01	16.2	0.03	< 0.005	< 0.01
A0977414	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.29	0.014	0.46	0.006	6.12	< 0.1	< 0.01	26.0	0.11	0.218	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977415	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.11	0.014	0.52	< 0.005	6.60	< 0.1	< 0.01	25.7	0.10	0.222	< 0.01	0.04	< 0.01	15.6	0.03	< 0.005	< 0.01
A0977416	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.30	0.012	0.52	< 0.005	6.56	0.1	< 0.01	24.8	0.10	0.217	< 0.01	0.03	< 0.01	16.1	0.02	< 0.005	< 0.01
A0977417	< 2	6	< 5	0.46	< 0.01	< 0.001	0.29	0.013	0.53	< 0.005	5.75	< 0.1	< 0.01	25.4	0.11	0.212	< 0.01	0.04	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977418	11	< 5	< 5	0.34	< 0.01	< 0.001	0.43	0.010	0.10	< 0.005	4.04	< 0.1	< 0.01	26.0	0.06	0.293	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977419	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.27	0.016	0.52	0.006	7.00	< 0.1	< 0.01	25.2	0.10	0.190	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977420	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.35	0.014	0.49	< 0.005	6.84	0.1	< 0.01	25.1	0.12	0.199	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
A0977421	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.39	0.013	0.50	< 0.005	6.69	0.1	< 0.01	24.4	0.11	0.188	< 0.01	0.04	< 0.01	17.1	0.02	< 0.005	< 0.01
A0977422	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.33	0.012	0.52	< 0.005	6.44	0.1	< 0.01	25.3	0.11	0.209	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	< 0.01
A0977423	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.29	0.012	0.52	< 0.005	6.58	0.1	< 0.01	25.3	0.11	0.216	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977424	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.36	0.013	0.52	< 0.005	7.03	0.1	< 0.01	24.5	0.11	0.205	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977425	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.25	0.012	0.53	< 0.005	6.51	< 0.1	< 0.01	26.0	0.11	0.213	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977426	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.26	0.017	0.52	< 0.005	7.97	< 0.1	< 0.01	24.9	0.10	0.212	< 0.01	0.07	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977427	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.28	0.012	0.51	< 0.005	6.00	< 0.1	< 0.01	25.7	0.11	0.210	< 0.01	0.04	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977428	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.28	0.014	0.51	< 0.005	6.79	< 0.1	< 0.01	25.3	0.10	0.215	< 0.01	0.08	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977429	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.29	0.013	0.52	< 0.005	6.80	< 0.1	< 0.01	24.7	0.10	0.213	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977430	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.31	0.013	0.49	< 0.005	7.39	< 0.1	< 0.01	24.9	0.11	0.216	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	0.01
A0977431	< 2	< 5	< 5	0.58	< 0.01	< 0.001	0.33	0.014	0.53	< 0.005	6.41	0.1	< 0.01	25.2	0.11	0.230	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977432	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.33	0.014	0.50	< 0.005	6.46	< 0.1	< 0.01	25.1	0.10	0.201	< 0.01	0.05	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977433	< 2	< 5	< 5	7.11	< 0.01	< 0.001	3.95	0.003	0.03	< 0.005	2.96	2.2	< 0.01	1.55	0.05	0.007	< 0.01	0.03	< 0.01	30.0	0.22	< 0.005	< 0.01
A0977434	< 2	< 5	< 5	0.58	< 0.01	< 0.001	0.28	0.014	0.49	< 0.005	6.45	< 0.1	< 0.01	24.9	0.10	0.211	< 0.01	0.06	0.01	16.9	0.03	< 0.005	< 0.01
A0977435	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.31	0.013	0.54	< 0.005	6.80	0.1	< 0.01	25.0	0.10	0.216	< 0.01	0.06	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977436	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.29	0.014	0.55	< 0.005	6.57	0.1	< 0.01	25.2	0.10	0.231	< 0.01	0.06	< 0.01	17.4	0.03	< 0.005	< 0.01
A0977437	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.34	0.014	0.52	< 0.005	5.95	0.1	< 0.01	25.4	0.10	0.214	< 0.01	0.05	< 0.01	17.5	0.03	< 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
PTM-1a Meas					0.21			1.98		23.8						46.9		22.2					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.127	14.2					3.36		7.43		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.164	0.08	0.438	33.1					10.6		27.8		6.49			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.132	12.0							20.2	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											44.2				0.26					4.80	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.16			5.45		1.08		8.75	2.3		2.94	0.13			1.18		22.4	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.10									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.123	7.06			0.09			64.3						6.06
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.012		0.422							0.18	32.9		0.28			54.0
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.41	< 0.01	< 0.001	2.20	0.003	< 0.01	0.377	3.92	2.2		0.51	0.06		1.40	4.37	0.01	26.7	0.18	< 0.005	5.57
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.10			0.031		22.0	31.4			0.71	0.01		0.71	35.7	0.01				2.98
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	4990	1970	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1860	1610	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977405 Orig				0.48	< 0.01	< 0.001	0.32	0.015	0.50	0.011	5.91	0.1	< 0.01	25.6	0.11	0.171	< 0.01	0.04	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977405 Dup				0.50	< 0.01	< 0.001	0.28	0.015	0.53	0.012	6.04	< 0.1	< 0.01	25.6	0.11	0.171	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	0.01
A0977412 Orig	< 2	< 5	< 5																				
A0977412 Dup	< 2	< 5	< 5																				
A0977413 Orig				0.47	< 0.01	< 0.001	0.31	0.014	0.48	0.006	6.26	0.1	< 0.01	25.6	0.11	0.170	< 0.01	0.04	< 0.01	16.3	0.03	< 0.005	0.01
A0977413 Dup				0.45	< 0.01	< 0.001	0.24	0.013	0.48	0.006	6.21	< 0.1	< 0.01	25.2	0.11	0.163	< 0.01	0.03	< 0.01	16.1	0.03	< 0.005	< 0.01
A0977422 Orig	< 2	< 5	< 5																				
A0977422 Dup	< 2	< 5	< 5																				
A0977432 Orig	< 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
A0977432 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	0.05	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04664**
Report Date: **25-May-20**
Date Submitted: **28-Apr-20**
Your Reference: **Crawford (CR20-C-B72)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-21 08:59:45
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-19 12:40:26

REPORT **A20-04664**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977438	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.34	0.014	0.52	< 0.005	6.81	0.1	< 0.01	23.6	0.10	0.213	0.02	0.07	< 0.01	16.6	0.03	< 0.005	0.01
A0977439	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.24	0.014	0.54	< 0.005	6.10	< 0.1	< 0.01	24.4	0.10	0.196	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977440	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.33	0.013	0.52	< 0.005	7.42	0.1	< 0.01	23.8	0.10	0.195	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977441	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.34	0.013	0.51	< 0.005	6.22	0.1	< 0.01	24.5	0.10	0.200	< 0.01	0.04	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977442	< 2	< 5	< 5	0.58	< 0.01	< 0.001	0.35	0.015	0.53	< 0.005	6.64	0.1	< 0.01	24.3	0.10	0.214	< 0.01	0.06	< 0.01	17.0	0.02	< 0.005	< 0.01
A0977443	< 2	< 5	< 5	0.60	< 0.01	< 0.001	0.30	0.013	0.53	< 0.005	6.59	0.1	< 0.01	24.0	0.10	0.199	< 0.01	0.05	< 0.01	17.1	0.02	< 0.005	< 0.01
A0977444	11	< 5	< 5	0.33	< 0.01	< 0.001	0.45	0.010	0.10	< 0.005	3.99	0.1	< 0.01	25.8	0.06	0.295	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977445	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.34	0.013	0.54	< 0.005	6.29	0.1	< 0.01	24.6	0.10	0.206	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977446	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.33	0.012	0.57	< 0.005	8.30	0.1	< 0.01	23.0	0.10	0.191	< 0.01	0.05	< 0.01	15.5	0.02	< 0.005	< 0.01
A0977447	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.37	0.013	0.63	< 0.005	6.72	0.1	< 0.01	23.8	0.10	0.201	< 0.01	0.05	< 0.01	16.4	0.03	< 0.005	0.02
A0977448	12	5	26	0.75	< 0.01	< 0.001	0.32	0.012	0.94	< 0.005	6.32	< 0.1	< 0.01	23.8	0.10	0.199	< 0.01	0.06	< 0.01	16.2	0.03	< 0.005	< 0.01
A0977449	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.40	0.015	0.86	< 0.005	6.27	0.1	< 0.01	23.1	0.10	0.197	< 0.01	0.05	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977450	10	15	13	0.88	< 0.01	< 0.001	0.41	0.015	0.99	< 0.005	7.34	0.1	< 0.01	22.6	0.10	0.168	< 0.01	0.05	< 0.01	17.7	0.05	< 0.005	< 0.01
A0977451	5	11	8	0.86	< 0.01	< 0.001	0.26	0.016	0.94	< 0.005	6.35	< 0.1	< 0.01	22.6	0.10	0.188	< 0.01	0.07	< 0.01	16.1	0.05	< 0.005	< 0.01
A0977452	< 2	< 5	< 5	0.91	< 0.01	< 0.001	0.37	0.016	0.97	0.011	7.65	0.1	< 0.01	22.5	0.10	0.210	< 0.01	0.08	< 0.01	16.6	0.04	< 0.005	< 0.01
A0977453	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.39	0.018	1.05	< 0.005	6.19	0.1	< 0.01	23.9	0.09	0.205	< 0.01	0.08	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977454	27	65	18	0.83	< 0.01	< 0.001	0.32	0.015	0.88	0.006	6.25	0.1	< 0.01	23.8	0.10	0.204	< 0.01	0.08	< 0.01	16.6	0.04	< 0.005	< 0.01
A0977455	4	36	< 5	0.87	< 0.01	< 0.001	0.33	0.013	0.52	< 0.005	7.79	0.1	< 0.01	22.6	0.09	0.198	< 0.01	0.08	< 0.01	16.4	0.04	< 0.005	< 0.01
A0977456	15	12	9	0.94	< 0.01	< 0.001	0.37	0.013	0.63	< 0.005	6.85	0.1	< 0.01	22.9	0.09	0.206	< 0.01	0.07	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977457	12	< 5	6	1.00	< 0.01	< 0.001	0.40	0.014	0.64	< 0.005	7.75	0.2	< 0.01	22.7	0.09	0.183	< 0.01	0.07	< 0.01	17.3	0.04	< 0.005	< 0.01
A0977458	10	< 5	< 5	0.89	< 0.01	< 0.001	0.36	0.015	0.67	< 0.005	6.28	0.1	< 0.01	23.6	0.09	0.189	< 0.01	0.06	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977459	< 2	< 5	< 5	7.49	< 0.01	< 0.001	4.53	0.003	0.02	< 0.005	3.74	2.2	< 0.01	1.86	0.07	0.008	< 0.01	0.02	< 0.01	28.1	0.29	< 0.005	< 0.01
A0977460	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.33	0.012	0.55	< 0.005	7.92	0.1	< 0.01	23.6	0.09	0.186	< 0.01	0.07	< 0.01	17.3	0.04	< 0.005	< 0.01
A0977461	3	< 5	< 5	0.87	< 0.01	< 0.001	0.31	0.013	0.61	< 0.005	7.68	0.1	< 0.01	22.7	0.09	0.178	< 0.01	0.08	< 0.01	16.3	0.04	< 0.005	0.01
A0977462	4	9	< 5	0.93	< 0.01	< 0.001	0.27	0.012	0.61	< 0.005	7.17	< 0.1	< 0.01	23.6	0.09	0.176	< 0.01	0.07	< 0.01	16.8	0.04	< 0.005	< 0.01
A0977463	5	< 5	8	1.02	< 0.01	< 0.001	0.35	0.013	0.57	< 0.005	8.57	0.1	< 0.01	22.7	0.10	0.159	< 0.01	0.06	< 0.01	16.4	0.04	< 0.005	< 0.01
A0977464	< 2	5	< 5	1.16	< 0.01	< 0.001	1.36	0.014	0.49	< 0.005	8.03	< 0.1	< 0.01	23.0	0.11	0.150	< 0.01	0.06	< 0.01	17.3	0.06	< 0.005	< 0.01
A0977465	3	42	94	1.35	< 0.01	< 0.001	1.22	0.013	0.48	< 0.005	7.61	0.1	< 0.01	22.5	0.11	0.109	< 0.01	0.04	< 0.01	17.5	0.06	< 0.005	< 0.01
A0977466	5	204	317	1.19	< 0.01	< 0.001	1.76	0.015	0.45	< 0.005	7.31	0.1	< 0.01	22.6	0.10	0.073	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977467	4	112	183	1.52	< 0.01	< 0.001	1.28	0.016	0.44	< 0.005	7.50	< 0.1	< 0.01	21.8	0.10	0.087	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977468	< 2	38	86	1.15	< 0.01	< 0.001	1.42	0.014	0.46	< 0.005	8.48	0.1	< 0.01	21.1	0.10	0.067	< 0.01	0.03	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977469	4	134	157	2.61	< 0.01	< 0.001	7.26	0.011	0.30	< 0.005	5.96	< 0.1	< 0.01	17.2	0.12	0.048	< 0.01	0.03	< 0.01	18.1	0.06	< 0.005	< 0.01
A0977470	8	195	209	2.39	< 0.01	< 0.001	5.75	0.012	0.33	< 0.005	5.69	0.1	< 0.01	18.2	0.11	0.053	< 0.01	0.02	< 0.01	18.6	0.05	< 0.005	< 0.01
A0977471	3	138	82	4.94	< 0.01	< 0.001	10.8	0.009	0.23	< 0.005	5.32	0.1	< 0.01	13.4	0.12	0.042	< 0.01	0.04	< 0.01	18.2	0.12	< 0.005	< 0.01
A0977472	3	202	151	1.64	< 0.01	< 0.001	3.79	0.012	0.37	< 0.005	6.74	< 0.1	< 0.01	19.9	0.10	0.058	< 0.01	0.02	< 0.01	18.5	0.05	< 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														3.47				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.17	0.117	13.7					3.22		7.53		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.170	0.08	0.410	33.6					10.9		25.6		5.92			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.133	11.9							19.8	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											44.4				0.26					4.43	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.57			5.49		1.05		8.49	2.3		2.94	0.13			1.18		22.7	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.04									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.116	6.86			0.08			62.1						5.83
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.011		0.422							0.17	33.5		0.31			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.91	< 0.01	< 0.001	2.20	0.004	< 0.01	0.363	3.79	2.3		0.50	0.05		1.32	4.51	0.01	27.5	0.19	< 0.005	5.11
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.031		21.9	30.7			0.68	0.01		0.68	35.3	0.01				2.87
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	4640	1870	1210																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1970	1640	228																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977440 Orig				0.61	< 0.01	< 0.001	0.32	0.013	0.52	< 0.005	7.41	0.1	< 0.01	23.8	0.10	0.199	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977440 Dup				0.61	< 0.01	< 0.001	0.34	0.013	0.53	< 0.005	7.42	0.1	< 0.01	23.7	0.10	0.192	< 0.01	0.06	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977447 Orig	< 2	< 5	< 5																				
A0977447 Dup	< 2	< 5	< 5																				
A0977448 Orig				0.75	< 0.01	< 0.001	0.28	0.012	0.95	< 0.005	6.38	< 0.1	< 0.01	24.1	0.10	0.205	< 0.01	0.07	< 0.01	16.3	0.03	< 0.005	< 0.01
A0977448 Dup				0.75	< 0.01	< 0.001	0.35	0.012	0.93	< 0.005	6.25	0.1	< 0.01	23.5	0.10	0.193	< 0.01	0.04	< 0.01	16.2	0.03	< 0.005	< 0.01
A0977457 Orig	13	< 5	5																				
A0977457 Dup	12	< 5	7																				
A0977467 Orig	4	110	174																				
A0977467 Dup	4	114	192																				
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

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				< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04665**
Report Date: **25-May-20**
Date Submitted: **28-Apr-20**
Your Reference: **Crawford (CR20-C-B73)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

14 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-20 08:51:02
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-21 13:36:30

REPORT **A20-04665**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977473	< 2	154	141	1.05	< 0.01	< 0.001	0.54	0.013	0.46	< 0.005	7.64	0.1	< 0.01	23.0	0.10	0.093	< 0.01	0.06	< 0.01	17.3	0.05	< 0.005	< 0.01
A0977474	< 2	129	247	1.41	< 0.01	< 0.001	2.19	0.013	0.36	0.007	7.00	0.2	< 0.01	21.2	0.11	0.080	< 0.01	0.04	< 0.01	18.3	0.04	< 0.005	< 0.01
A0977475	14	879	1790	2.58	< 0.01	< 0.001	4.48	0.011	0.50	0.007	6.27	0.1	< 0.01	19.1	0.10	0.055	< 0.01	0.02	< 0.01	18.3	0.06	< 0.005	< 0.01
A0977476	4	225	469	2.18	< 0.01	< 0.001	5.39	0.011	0.26	0.012	7.44	0.1	< 0.01	18.5	0.11	0.056	< 0.01	0.04	< 0.01	19.3	0.06	< 0.005	< 0.01
A0977477	12	< 5	< 5	0.35	< 0.01	< 0.001	0.53	0.007	0.10	< 0.005	3.75	0.2	< 0.01	25.5	0.06	0.283	< 0.01	0.06	< 0.01	16.4	0.02	< 0.005	< 0.01
A0977478	< 2	79	103	1.68	< 0.01	< 0.001	1.62	0.013	0.40	< 0.005	7.09	0.2	< 0.01	20.8	0.11	0.068	< 0.01	0.05	< 0.01	18.5	0.04	< 0.005	< 0.01
A0977479	< 2	94	91	1.25	< 0.01	< 0.001	1.02	0.014	0.49	< 0.005	7.45	0.1	< 0.01	22.2	0.12	0.076	< 0.01	0.04	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977480	< 2	131	105	1.13	< 0.01	< 0.001	0.98	0.014	0.45	< 0.005	8.23	0.1	< 0.01	21.6	0.12	0.076	< 0.01	0.04	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977481	< 2	201	134	1.12	< 0.01	< 0.001	0.79	0.013	0.45	< 0.005	7.28	0.1	< 0.01	22.5	0.11	0.073	< 0.01	0.05	< 0.01	17.6	0.03	< 0.005	< 0.01
A0977482	< 2	98	103	1.19	< 0.01	< 0.001	0.69	0.014	0.45	< 0.005	8.19	< 0.1	< 0.01	22.9	0.12	0.071	< 0.01	0.04	< 0.01	18.1	0.04	< 0.005	< 0.01
A0977483	< 2	128	129	1.16	< 0.01	< 0.001	0.70	0.012	0.42	< 0.005	7.38	0.1	< 0.01	23.0	0.11	0.071	< 0.01	0.05	< 0.01	17.9	0.04	< 0.005	< 0.01
A0977484	< 2	< 5	< 5	6.98	< 0.01	< 0.001	3.19	< 0.002	0.01	< 0.005	3.44	2.2	< 0.01	1.56	0.05	0.007	< 0.01	0.03	< 0.01	29.6	0.29	< 0.005	< 0.01
A0977485	< 2	85	105	1.14	< 0.01	< 0.001	0.68	0.014	0.37	< 0.005	7.74	< 0.1	< 0.01	22.3	0.11	0.064	< 0.01	0.04	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977486	< 2	62	89	1.23	< 0.01	< 0.001	0.60	0.013	0.39	< 0.005	7.90	0.1	< 0.01	22.9	0.12	0.072	< 0.01	0.05	< 0.01	17.6	0.04	< 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
PTM-1a Meas					0.22			1.97		24.7						47.3		22.2					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.70														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.19	0.120	13.9					3.37		7.40		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.437	32.5					10.4		26.8		6.20			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
AMIS 0129 Meas											43.6				0.27					4.52	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.53			5.31		1.07		8.41	2.4		2.94	0.13			1.21		22.8	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.06						0.124	6.77			0.07			62.6						6.04
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.04			0.008		0.405							0.18	34.2		0.31			54.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.53	< 0.01	< 0.001	2.20	< 0.002	< 0.01	0.369	3.82	2.2		0.54	0.06		1.40	4.47	0.01	27.8	0.18	< 0.005	5.44
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.11			0.030		22.8	31.3			0.71	0.01		0.72	35.6	< 0.01				3.05
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	5040	1950	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1880	1600	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977475 Orig				2.58	< 0.01	< 0.001	4.45	0.011	0.49	0.008	6.24	0.1	< 0.01	18.9	0.10	0.055	< 0.01	0.03	< 0.01	18.5	0.06	< 0.005	< 0.01
A0977475 Dup				2.59	< 0.01	< 0.001	4.51	0.011	0.50	0.006	6.31	0.1	< 0.01	19.2	0.10	0.056	< 0.01	0.02	< 0.01	18.2	0.06	< 0.005	< 0.01
A0977482 Orig	< 2	95	103																				
A0977482 Dup	3	101	103																				
A0977483 Orig				1.16	< 0.01	< 0.001	0.70	0.013	0.42	< 0.005	7.36	0.1	< 0.01	22.8	0.11	0.071	< 0.01	0.05	< 0.01	17.9	0.04	< 0.005	< 0.01
A0977483 Dup				1.16	< 0.01	< 0.001	0.71	0.012	0.43	< 0.005	7.40	0.1	< 0.01	23.1	0.11	0.071	< 0.01	0.05	< 0.01	17.9	0.04	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.04	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04740**
Report Date: **28-May-20**
Date Submitted: **30-Apr-20**
Your Reference: **Crawford (CR20-C-C43)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-15 09:58:27
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-22 08:41:25

REPORT **A20-04740**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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
B11460	< 2	13	9	2.06	< 0.01	< 0.001	2.77	0.012	0.48	< 0.005	7.78	0.1	< 0.01	19.5	0.12	0.171	< 0.01	0.01	< 0.01	18.6	0.12	< 0.005	< 0.01
B11461	< 2	10	13	2.02	< 0.01	< 0.001	2.51	0.012	0.50	< 0.005	7.76	0.1	< 0.01	19.4	0.12	0.167	< 0.01	< 0.01	< 0.01	18.5	0.12	< 0.005	< 0.01
B11462	3	24	15	1.93	< 0.01	< 0.001	2.52	0.013	0.50	< 0.005	8.10	< 0.1	< 0.01	20.2	0.13	0.172	< 0.01	< 0.01	< 0.01	18.5	0.11	< 0.005	< 0.01
B11463	< 2	8	< 5	1.88	< 0.01	< 0.001	2.51	0.013	0.52	< 0.005	8.07	< 0.1	< 0.01	20.0	0.13	0.176	< 0.01	0.01	< 0.01	18.3	0.10	< 0.005	0.02
B11464	< 2	< 5	< 5	1.97	< 0.01	< 0.001	2.24	0.012	0.52	< 0.005	7.16	< 0.1	< 0.01	20.0	0.14	0.178	< 0.01	< 0.01	< 0.01	17.8	0.10	< 0.005	< 0.01
B11465	< 2	< 5	< 5	1.94	< 0.01	< 0.001	2.69	0.012	0.51	< 0.005	8.07	< 0.1	< 0.01	19.5	0.14	0.170	< 0.01	< 0.01	< 0.01	17.2	0.12	< 0.005	< 0.01
B11466	< 2	< 5	< 5	1.75	< 0.01	< 0.001	1.91	0.012	0.46	< 0.005	7.52	< 0.1	< 0.01	20.4	0.13	0.159	< 0.01	0.01	< 0.01	18.0	0.09	< 0.005	< 0.01
B11467	< 2	< 5	6	1.75	< 0.01	< 0.001	2.42	0.013	0.54	< 0.005	7.28	< 0.1	< 0.01	20.1	0.15	0.183	< 0.01	< 0.01	< 0.01	18.7	0.10	< 0.005	< 0.01
B11468	12	< 5	< 5	0.34	< 0.01	< 0.001	0.34	0.009	0.10	< 0.005	3.97	< 0.1	< 0.01	25.0	0.07	0.289	< 0.01	0.05	< 0.01	17.1	0.02	< 0.005	< 0.01
B11469	< 2	< 5	< 5	1.61	< 0.01	< 0.001	1.90	0.013	0.55	< 0.005	7.54	< 0.1	< 0.01	20.8	0.13	0.196	< 0.01	< 0.01	< 0.01	18.4	0.09	< 0.005	< 0.01
B11470	< 2	< 5	5	1.55	< 0.01	< 0.001	0.85	0.014	0.51	< 0.005	8.05	< 0.1	< 0.01	21.4	0.13	0.168	< 0.01	0.01	< 0.01	17.5	0.08	< 0.005	< 0.01
B11471	< 2	< 5	< 5	1.53	< 0.01	< 0.001	1.27	0.013	0.53	< 0.005	7.99	< 0.1	< 0.01	20.6	0.13	0.179	< 0.01	0.02	< 0.01	17.4	0.08	< 0.005	< 0.01
B11472	< 2	< 5	6	1.55	< 0.01	< 0.001	1.35	0.013	0.55	< 0.005	7.48	< 0.1	< 0.01	21.2	0.13	0.188	< 0.01	0.02	< 0.01	17.8	0.09	< 0.005	< 0.01
B11473	< 2	< 5	< 5	1.67	< 0.01	< 0.001	1.19	0.013	0.51	< 0.005	8.02	< 0.1	< 0.01	20.9	0.14	0.172	< 0.01	< 0.01	< 0.01	17.2	0.10	< 0.005	< 0.01
B11474	< 2	45	49	1.48	< 0.01	< 0.001	1.27	0.012	0.54	< 0.005	7.68	< 0.1	< 0.01	21.8	0.12	0.188	< 0.01	< 0.01	< 0.01	18.0	0.08	< 0.005	< 0.01
B11475	< 2	10	11	1.59	< 0.01	< 0.001	1.63	0.013	0.52	0.006	7.87	< 0.1	< 0.01	20.9	0.12	0.185	< 0.01	< 0.01	< 0.01	17.7	0.08	< 0.005	< 0.01
B11476	< 2	30	11	1.43	< 0.01	< 0.001	0.81	0.014	0.55	< 0.005	7.68	< 0.1	< 0.01	21.6	0.11	0.191	< 0.01	0.02	< 0.01	17.5	0.07	< 0.005	< 0.01
B11477	< 2	10	8	1.51	< 0.01	< 0.001	1.61	0.014	0.51	< 0.005	8.86	< 0.1	< 0.01	21.1	0.11	0.186	< 0.01	0.02	< 0.01	16.9	0.07	< 0.005	< 0.01
B11478	< 2	65	33	1.42	< 0.01	< 0.001	1.13	0.013	0.51	< 0.005	7.89	< 0.1	< 0.01	21.9	0.11	0.183	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
B11479	< 2	< 5	< 5	1.45	< 0.01	< 0.001	1.53	0.011	0.54	< 0.005	7.32	< 0.1	< 0.01	21.1	0.11	0.181	< 0.01	0.01	< 0.01	17.4	0.09	< 0.005	< 0.01
B11480	< 2	< 5	5	1.35	< 0.01	< 0.001	0.80	0.013	0.54	< 0.005	7.35	< 0.1	< 0.01	21.2	0.11	0.183	< 0.01	0.01	< 0.01	18.0	0.07	< 0.005	< 0.01
B11481	< 2	< 5	< 5	1.33	< 0.01	< 0.001	0.72	0.014	0.52	< 0.005	7.58	< 0.1	< 0.01	20.9	0.11	0.178	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
B11482	7	16	16	1.30	< 0.01	< 0.001	0.40	0.014	0.52	0.013	7.76	< 0.1	< 0.01	21.6	0.12	0.175	< 0.01	0.03	< 0.01	17.2	0.07	< 0.005	< 0.01
B11483	< 2	< 5	< 5	1.26	< 0.01	< 0.001	0.58	0.014	0.58	< 0.005	7.21	< 0.1	< 0.01	22.3	0.12	0.194	< 0.01	0.02	< 0.01	17.7	0.07	< 0.005	< 0.01
B11484	< 2	< 5	< 5	7.19	< 0.01	< 0.001	4.79	0.003	0.02	< 0.005	3.63	1.6	< 0.01	1.80	0.06	0.010	< 0.01	0.03	< 0.01	28.0	0.29	< 0.005	< 0.01
B11485	< 2	< 5	6	1.27	< 0.01	< 0.001	0.32	0.014	0.54	< 0.005	7.85	< 0.1	< 0.01	21.6	0.10	0.184	< 0.01	0.01	< 0.01	17.0	0.07	< 0.005	< 0.01
B11486	< 2	< 5	< 5	1.45	< 0.01	< 0.001	1.20	0.012	0.53	< 0.005	7.44	< 0.1	< 0.01	21.1	0.10	0.179	< 0.01	0.02	< 0.01	17.7	0.08	< 0.005	< 0.01
B11487	< 2	< 5	< 5	1.25	< 0.01	< 0.001	0.29	0.013	0.54	< 0.005	7.16	< 0.1	< 0.01	21.7	0.11	0.182	< 0.01	< 0.01	< 0.01	16.8	0.07	< 0.005	< 0.01
B11488	< 2	< 5	< 5	1.28	< 0.01	< 0.001	0.38	0.013	0.56	< 0.005	7.35	< 0.1	< 0.01	22.1	0.11	0.187	< 0.01	0.02	0.01	17.4	0.07	< 0.005	< 0.01
B11489	< 2	< 5	< 5	1.20	< 0.01	< 0.001	0.57	0.013	0.55	< 0.005	7.56	< 0.1	< 0.01	21.7	0.12	0.181	< 0.01	0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
B11490	< 2	< 5	< 5	1.19	< 0.01	< 0.001	0.21	0.014	0.58	< 0.005	7.22	< 0.1	< 0.01	22.2	0.12	0.198	< 0.01	0.02	< 0.01	17.6	0.07	< 0.005	< 0.01
B11491	< 2	< 5	< 5	1.23	< 0.01	< 0.001	0.33	0.015	0.53	< 0.005	8.45	< 0.1	< 0.01	21.6	0.12	0.176	< 0.01	0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
B11492	< 2	< 5	< 5	1.26	< 0.01	< 0.001	0.64	0.013	0.57	< 0.005	6.69	< 0.1	< 0.01	21.5	0.12	0.192	0.01	< 0.01	< 0.01	17.7	0.08	< 0.005	0.01
B11493	< 2	< 5	6	1.34	< 0.01	< 0.001	1.13	0.013	0.47	< 0.005	7.82	< 0.1	< 0.01	21.2	0.13	0.177	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
B11494	< 2	< 5	6	1.37	< 0.01	< 0.001	1.26	0.013	0.42	< 0.005	8.33	< 0.1	< 0.01	20.4	0.13	0.151	< 0.01	< 0.01	< 0.01	17.3	0.07	< 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
PTM-1a Meas					0.22			2.04		25.0						48.1		22.8					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.67														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.01	0.013	1.60	< 0.005				30.8	0.08	0.390	< 0.01		0.01	18.0			< 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
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.18	0.124	13.8					3.20		7.20		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.168	0.08	0.412	33.0					10.5		26.9		6.09			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.1							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.33		2.56			3.17	8.32			0.07			2.16	13.7		16.8		0.108	17.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.9				0.27					4.47	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.59			5.49		1.05		8.49	2.3		2.86	0.13			1.18		22.9	0.70		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.012	
NCS DC86304 Cert													1.06									0.0044	
CPB-2 Meas				0.07						0.125	6.86			0.10			63.1						6.02
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.04			0.010		0.419							0.17	33.5		0.31			56.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.66	< 0.01	< 0.001	1.96	0.003	< 0.01	0.373	3.84	2.1		0.53	0.06		1.38	4.45	0.01	27.4	0.18	< 0.005	5.35
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.031		21.9	30.9			0.71	0.01		0.70	35.9	< 0.01				2.88
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	1860	1590	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11462 Orig				1.94	< 0.01	< 0.001	2.55	0.013	0.50	< 0.005	8.10	< 0.1	< 0.01	20.2	0.13	0.173	< 0.01	< 0.01	< 0.01	18.7	0.11	0.007	< 0.01
B11462 Dup				1.92	< 0.01	< 0.001	2.49	0.013	0.50	< 0.005	8.10	< 0.1	< 0.01	20.1	0.13	0.171	< 0.01	< 0.01	< 0.01	18.3	0.11	< 0.005	< 0.01
B11469 Orig	< 2	< 5	6																				
B11469 Dup	< 2	< 5	< 5																				
B11470 Orig				1.54	< 0.01	< 0.001	0.80	0.014	0.50	< 0.005	8.02	< 0.1	< 0.01	21.3	0.12	0.168	< 0.01	0.01	< 0.01	17.2	0.08	< 0.005	< 0.01
B11470 Dup				1.57	< 0.01	< 0.001	0.90	0.014	0.51	< 0.005	8.08	< 0.1	< 0.01	21.5	0.13	0.168	< 0.01	0.01	< 0.01	17.9	0.08	< 0.005	< 0.01
B11479 Orig	2	< 5	< 5																				
B11479 Dup	< 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
B11489 Orig	< 2	< 5	< 5																				
B11489 Dup	< 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	0.02	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04773**
Report Date: **25-May-20**
Date Submitted: **01-May-20**
Your Reference: **Crawford (CR20-C-C44)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-15 09:58:27
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-21 08:00:32

REPORT **A20-04773**

Notes:

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	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
B11495	< 2	< 5	9	1.30	< 0.01	< 0.001	1.28	0.012	0.47	< 0.005	7.89	0.1	< 0.01	20.8	0.13	0.172	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	0.01
B11496	5	7	< 5	1.40	< 0.01	< 0.001	1.47	0.013	0.46	< 0.005	7.90	0.1	< 0.01	21.7	0.12	0.174	< 0.01	< 0.01	< 0.01	18.3	0.08	< 0.005	0.01
B11497	13	15	7	1.40	< 0.01	< 0.001	1.29	0.016	0.43	< 0.005	8.21	0.1	< 0.01	21.2	0.12	0.187	< 0.01	< 0.01	< 0.01	17.4	0.08	< 0.005	< 0.01
B11498	52	14	10	1.33	< 0.01	< 0.001	1.19	0.014	0.48	< 0.005	8.07	0.1	< 0.01	21.9	0.12	0.168	< 0.01	< 0.01	< 0.01	17.9	0.07	< 0.005	0.02
B11499	57	7	6	1.38	< 0.01	< 0.001	1.32	0.014	0.40	< 0.005	8.13	0.1	< 0.01	21.6	0.11	0.151	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
B11500	39	< 5	< 5	1.41	< 0.01	< 0.001	1.27	0.015	0.45	< 0.005	7.81	0.2	< 0.01	21.0	0.13	0.150	< 0.01	< 0.01	< 0.01	18.3	0.08	< 0.005	0.01
B11501	< 2	< 5	6	1.31	< 0.01	< 0.001	1.06	0.014	0.47	< 0.005	8.20	0.1	< 0.01	21.5	0.12	0.156	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
B11502	4	5	< 5	1.28	< 0.01	< 0.001	1.15	0.016	0.45	< 0.005	9.15	0.2	< 0.01	21.2	0.12	0.155	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
B11503	4	5	7	1.30	< 0.01	< 0.001	1.04	0.016	0.45	< 0.005	9.24	0.1	< 0.01	21.4	0.12	0.156	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
B11504	< 2	< 5	< 5	1.34	< 0.01	< 0.001	1.29	0.014	0.44	< 0.005	7.88	0.1	< 0.01	21.4	0.12	0.158	< 0.01	< 0.01	< 0.01	17.6	0.08	< 0.005	0.01
B11505	3	< 5	< 5	1.29	< 0.01	< 0.001	1.20	0.015	0.41	< 0.005	7.98	0.1	< 0.01	21.5	0.11	0.158	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
B11506	3	< 5	< 5	1.35	< 0.01	< 0.001	0.97	0.016	0.41	< 0.005	8.28	0.2	< 0.01	21.5	0.11	0.160	< 0.01	0.03	< 0.01	18.1	0.07	< 0.005	0.01
B11507	< 2	< 5	5	1.36	< 0.01	< 0.001	1.32	0.014	0.46	< 0.005	7.95	0.2	< 0.01	21.5	0.11	0.158	< 0.01	< 0.01	< 0.01	18.5	0.07	< 0.005	0.01
B11508	< 2	< 5	< 5	1.28	< 0.01	< 0.001	1.08	0.015	0.47	< 0.005	8.08	0.2	< 0.01	21.4	0.11	0.159	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
B11509	< 2	< 5	6	1.26	< 0.01	< 0.001	1.00	0.015	0.47	< 0.005	8.26	0.1	< 0.01	21.9	0.11	0.159	< 0.01	0.01	< 0.01	17.2	0.07	< 0.005	< 0.01
B11510	< 2	< 5	5	1.21	< 0.01	< 0.001	0.91	0.014	0.48	0.007	7.97	0.2	< 0.01	21.8	0.13	0.179	< 0.01	< 0.01	< 0.01	18.0	0.10	< 0.005	< 0.01
B11511	< 2	< 5	< 5	1.25	< 0.01	< 0.001	1.20	0.015	0.47	< 0.005	8.40	0.2	< 0.01	21.8	0.11	0.174	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
B11512	< 2	< 5	7	1.33	< 0.01	< 0.001	1.50	0.015	0.47	0.005	8.57	0.2	< 0.01	21.2	0.12	0.167	< 0.01	< 0.01	< 0.01	17.3	0.10	< 0.005	< 0.01
B11513	< 2	< 5	< 5	1.28	< 0.01	< 0.001	1.26	0.013	0.52	< 0.005	7.68	0.2	< 0.01	21.0	0.12	0.165	< 0.01	< 0.01	< 0.01	17.5	0.08	< 0.005	< 0.01
B11514	< 2	< 5	< 5	1.19	< 0.01	< 0.001	0.98	0.014	0.55	0.007	8.29	0.2	< 0.01	21.9	0.11	0.203	< 0.01	< 0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
B11515	< 2	< 5	< 5	1.19	< 0.01	< 0.001	1.01	0.015	0.56	< 0.005	7.80	0.2	< 0.01	22.1	0.11	0.200	< 0.01	< 0.01	< 0.01	18.2	0.07	< 0.005	< 0.01
B11516	< 2	5	6	1.19	< 0.01	< 0.001	0.87	0.015	0.55	< 0.005	8.17	0.2	< 0.01	22.2	0.12	0.206	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
B11517	< 2	< 5	< 5	1.17	< 0.01	< 0.001	0.79	0.014	0.58	< 0.005	7.58	0.2	< 0.01	21.9	0.12	0.221	< 0.01	< 0.01	< 0.01	18.7	0.06	< 0.005	< 0.01
B11518	< 2	< 5	< 5	1.12	< 0.01	< 0.001	0.70	0.015	0.58	< 0.005	7.59	0.1	< 0.01	22.4	0.13	0.219	< 0.01	0.02	< 0.01	17.2	0.07	< 0.005	< 0.01
B11519	3	< 5	< 5	1.14	< 0.01	< 0.001	0.65	0.015	0.61	< 0.005	7.62	0.1	< 0.01	22.9	0.13	0.223	< 0.01	0.01	< 0.01	18.0	0.06	< 0.005	< 0.01
B11520	< 2	< 5	< 5	6.80	< 0.01	< 0.001	3.79	0.003	0.02	< 0.005	3.81	1.7	< 0.01	1.90	0.07	0.010	< 0.01	< 0.01	< 0.01	29.9	0.29	< 0.005	< 0.01
B11521	6	< 5	7	1.19	< 0.01	< 0.001	0.57	0.014	0.56	< 0.005	6.64	0.2	< 0.01	22.7	0.12	0.228	< 0.01	0.04	< 0.01	17.8	0.06	< 0.005	< 0.01
B11522	< 2	< 5	< 5	1.32	< 0.01	< 0.001	0.67	0.014	0.61	< 0.005	6.60	0.2	< 0.01	22.8	0.11	0.232	< 0.01	0.02	< 0.01	18.1	0.07	< 0.005	< 0.01
B11523	3	< 5	< 5	1.35	< 0.01	< 0.001	0.89	0.013	0.64	< 0.005	6.01	0.2	< 0.01	23.3	0.10	0.242	< 0.01	0.02	< 0.01	18.5	0.07	< 0.005	< 0.01
B11524	5	< 5	< 5	1.20	< 0.01	< 0.001	0.66	0.013	0.67	< 0.005	6.03	0.1	< 0.01	23.3	0.11	0.248	< 0.01	0.02	< 0.01	17.7	0.07	< 0.005	< 0.01
B11525	4	< 5	< 5	1.29	< 0.01	< 0.001	0.65	0.013	0.66	< 0.005	6.84	0.2	< 0.01	22.8	0.11	0.234	< 0.01	0.02	< 0.01	18.2	0.07	< 0.005	< 0.01
B11526	< 2	5	< 5	1.14	< 0.01	< 0.001	0.70	0.013	0.64	< 0.005	6.56	0.2	< 0.01	22.0	0.10	0.231	< 0.01	0.03	< 0.01	17.9	0.07	< 0.005	< 0.01
B11527	4	8	< 5	1.23	< 0.01	< 0.001	0.73	0.014	0.63	< 0.005	7.46	0.2	< 0.01	22.8	0.10	0.234	< 0.01	0.02	< 0.01	18.8	0.06	< 0.005	< 0.01
B11528	< 2	22	< 5	1.45	< 0.01	< 0.001	0.74	0.012	0.62	< 0.005	5.15	0.2	< 0.01	22.9	0.10	0.244	< 0.01	0.04	< 0.01	17.7	0.11	< 0.005	< 0.01
B11529	12	< 5	< 5	0.35	< 0.01	< 0.001	0.46	0.010	0.11	< 0.005	4.05	0.1	< 0.01	26.5	0.06	0.305	< 0.01	0.06	< 0.01	17.1	0.02	< 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
PTM-1a Meas					0.21			1.96		23.8						47.1		22.6					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.68														3.57				
CD-1 Cert					0.660														3.57				
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.123	13.5					3.30		7.46		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					< 0.01			0.168	0.09	0.442	32.7					10.7		27.9		6.38			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.140	12.0							20.2	< 0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											45.1				0.27					4.62	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.28			5.27		1.09		8.49	2.3		2.89	0.13			1.17		23.0	0.69		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.07									0.007	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.123	6.78			0.09			64.3						5.92
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.07	0.03			0.012		0.414							0.18	33.4		0.31			56.0
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.62	< 0.01	< 0.001	2.10	0.004	< 0.01	0.377	3.79	2.3		0.50	0.05		1.40	4.33	0.01	26.7	0.18	< 0.005	5.26
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.14	0.11			0.032		23.7	30.9			0.69	0.01		0.73	36.7	< 0.01				3.00
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	4570	2020	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1730	1550	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11497 Orig				1.39	< 0.01	< 0.001	1.27	0.016	0.42	< 0.005	8.03	0.1	< 0.01	20.7	0.12	0.181	< 0.01	< 0.01	< 0.01	17.1	0.07	< 0.005	< 0.01
B11497 Dup				1.42	< 0.01	< 0.001	1.31	0.016	0.44	< 0.005	8.38	0.1	< 0.01	21.7	0.12	0.193	< 0.01	0.02	< 0.01	17.8	0.08	< 0.005	< 0.01
B11504 Orig	< 2	< 5	< 5																				
B11504 Dup	< 2	< 5	5																				
B11505 Orig				1.29	< 0.01	< 0.001	1.24	0.015	0.42	< 0.005	8.08	0.2	< 0.01	21.7	0.11	0.160	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
B11505 Dup				1.29	< 0.01	< 0.001	1.16	0.014	0.41	< 0.005	7.88	0.1	< 0.01	21.3	0.11	0.157	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
B11514 Orig	< 2	< 5	< 5																				
B11514 Dup	< 2	< 5	< 5																				
B11524 Orig	5	< 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
B11524 Dup	4	< 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	0.007	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04774**
Report Date: **28-May-20**
Date Submitted: **01-May-20**
Your Reference: **Crawford (CR20-C-D01)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-21 12:44:58
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-25 09:10:30

REPORT **A20-04774**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B18001	< 2	< 5	< 5	7.66	< 0.01	< 0.001	1.71	0.003	0.01	0.007	3.94	1.7	< 0.01	1.51	0.04	0.008	0.03	< 0.01	< 0.01	29.6	0.33	< 0.005	< 0.01
B18002	< 2	< 5	< 5	7.77	< 0.01	< 0.001	0.85	0.002	< 0.01	0.006	3.25	1.7	< 0.01	0.61	0.03	< 0.005	< 0.01	< 0.01	< 0.01	32.2	0.33	< 0.005	< 0.01
B18003	< 2	< 5	< 5	7.49	< 0.01	< 0.001	0.76	0.003	< 0.01	0.009	3.73	1.7	< 0.01	0.61	0.03	< 0.005	< 0.01	0.02	< 0.01	33.1	0.31	< 0.005	0.02
B18004	7	< 5	< 5	7.54	< 0.01	< 0.001	1.07	0.012	< 0.01	0.224	3.76	1.6	< 0.01	0.35	0.02	< 0.005	< 0.01	0.64	< 0.01	31.0	0.36	< 0.005	0.05
B18005	< 2	< 5	< 5	7.50	< 0.01	< 0.001	0.54	0.005	< 0.01	0.060	3.80	2.2	< 0.01	0.52	0.02	< 0.005	< 0.01	0.29	< 0.01	32.6	0.32	< 0.005	0.02
B18006	2	< 5	< 5	7.35	< 0.01	< 0.001	0.66	0.005	< 0.01	0.085	4.53	1.6	< 0.01	0.84	0.03	< 0.005	< 0.01	0.05	< 0.01	32.3	0.31	< 0.005	< 0.01
B18007	< 2	< 5	< 5	7.77	< 0.01	< 0.001	0.86	0.005	< 0.01	0.021	4.34	0.9	< 0.01	0.97	0.03	< 0.005	< 0.01	0.04	< 0.01	31.0	0.33	< 0.005	< 0.01
B18008	< 2	< 5	< 5	7.45	< 0.01	< 0.001	1.95	0.003	< 0.01	0.018	4.17	1.2	< 0.01	0.88	0.03	< 0.005	< 0.01	0.04	< 0.01	30.9	0.31	< 0.005	< 0.01
B18009	< 2	< 5	< 5	7.66	< 0.01	< 0.001	2.58	0.003	< 0.01	0.007	3.47	1.7	< 0.01	0.66	0.02	< 0.005	< 0.01	0.06	< 0.01	30.5	0.33	< 0.005	< 0.01
B18010	5	36	33	7.33	< 0.01	< 0.001	5.81	0.019	0.03	0.034	9.82	0.6	< 0.01	3.93	0.11	0.750	< 0.01	1.66	< 0.01	23.7	1.01	< 0.005	0.01
B18011	< 2	< 5	< 5	7.67	< 0.01	< 0.001	2.37	0.003	< 0.01	0.016	2.93	1.9	< 0.01	0.50	0.02	< 0.005	< 0.01	0.06	< 0.01	32.1	0.32	< 0.005	< 0.01
B18012	< 2	< 5	< 5	7.40	< 0.01	< 0.001	2.56	0.005	< 0.01	0.028	3.60	2.2	< 0.01	0.49	0.02	< 0.005	< 0.01	0.19	< 0.01	30.4	0.31	< 0.005	< 0.01
B18013	< 2	< 5	< 5	6.93	< 0.01	< 0.001	2.65	0.004	< 0.01	0.020	3.67	1.8	< 0.01	0.51	0.02	< 0.005	< 0.01	0.15	< 0.01	29.0	0.30	< 0.005	< 0.01
B18014	< 2	< 5	< 5	7.19	< 0.01	< 0.001	2.27	0.003	< 0.01	0.006	3.23	1.8	< 0.01	0.47	0.02	< 0.005	< 0.01	0.05	< 0.01	30.2	0.31	< 0.005	< 0.01
B18015	< 2	< 5	< 5	7.90	< 0.01	< 0.001	2.25	0.004	< 0.01	0.011	3.82	1.7	< 0.01	0.51	0.02	< 0.005	< 0.01	0.07	< 0.01	29.3	0.33	< 0.005	< 0.01
B18016	< 2	< 5	< 5	7.71	< 0.01	< 0.001	2.28	0.004	< 0.01	0.015	3.67	1.5	< 0.01	0.51	0.02	0.007	< 0.01	0.07	< 0.01	31.0	0.32	< 0.005	0.01
B18017	< 2	< 5	< 5	7.10	< 0.01	< 0.001	2.97	0.004	< 0.01	0.012	3.35	1.2	< 0.01	0.48	0.02	< 0.005	< 0.01	0.09	< 0.01	31.0	0.31	< 0.005	< 0.01
B18018	< 2	< 5	< 5	7.59	< 0.01	< 0.001	2.65	0.003	< 0.01	0.011	3.37	1.0	< 0.01	0.46	0.02	< 0.005	< 0.01	0.13	< 0.01	31.0	0.32	< 0.005	< 0.01
B18019	< 2	< 5	< 5	7.53	< 0.01	< 0.001	2.85	0.003	< 0.01	0.008	3.03	1.0	< 0.01	0.43	0.02	< 0.005	< 0.01	0.12	< 0.01	31.2	0.31	< 0.005	< 0.01
B18020	< 2	< 5	< 5	7.36	< 0.01	< 0.001	3.49	0.003	0.03	0.008	3.40	2.2	< 0.01	1.95	0.05	0.010	< 0.01	0.03	< 0.01	29.7	0.26	< 0.005	< 0.01
B18021	< 2	< 5	< 5	6.62	< 0.01	< 0.001	4.01	0.004	0.02	0.017	3.58	0.6	< 0.01	0.54	0.03	< 0.005	< 0.01	0.14	< 0.01	29.2	0.28	< 0.005	< 0.01
B18022	< 2	< 5	< 5	7.31	< 0.01	< 0.001	3.32	0.003	< 0.01	0.010	2.77	0.6	< 0.01	0.42	0.02	< 0.005	< 0.01	0.15	< 0.01	29.9	0.30	< 0.005	< 0.01
B18023	< 2	< 5	< 5	7.44	< 0.01	< 0.001	3.71	0.003	< 0.01	0.005	2.86	0.7	< 0.01	0.48	0.02	< 0.005	< 0.01	0.14	< 0.01	30.9	0.31	< 0.005	< 0.01
B18024	< 2	< 5	< 5	7.20	< 0.01	< 0.001	4.91	0.003	< 0.01	0.009	3.06	0.8	< 0.01	0.55	0.03	0.005	< 0.01	0.02	< 0.01	28.7	0.30	< 0.005	< 0.01
B18025	< 2	< 5	< 5	7.59	< 0.01	< 0.001	2.88	0.002	< 0.01	0.009	3.22	0.7	< 0.01	0.56	0.02	< 0.005	< 0.01	0.12	< 0.01	30.7	0.32	< 0.005	< 0.01
B18026	< 2	< 5	< 5	7.86	< 0.01	< 0.001	3.72	0.003	< 0.01	0.009	3.25	0.8	< 0.01	0.54	0.03	< 0.005	< 0.01	0.18	< 0.01	29.9	0.33	< 0.005	< 0.01
B18027	< 2	< 5	< 5	7.75	< 0.01	< 0.001	2.90	0.004	< 0.01	0.011	3.69	0.7	< 0.01	0.57	0.02	< 0.005	< 0.01	0.29	< 0.01	29.1	0.33	< 0.005	0.01
B18028	< 2	< 5	< 5	7.43	< 0.01	< 0.001	4.16	0.002	< 0.01	0.008	3.49	0.6	< 0.01	0.58	0.03	< 0.005	< 0.01	0.13	< 0.01	30.3	0.31	< 0.005	0.01
B18029	< 2	< 5	< 5	8.51	< 0.01	< 0.001	3.48	0.004	< 0.01	0.014	3.22	0.7	< 0.01	0.51	0.03	< 0.005	< 0.01	0.09	< 0.01	30.0	0.35	< 0.005	0.01
B18030	< 2	< 5	< 5	8.48	< 0.01	< 0.001	3.36	0.004	< 0.01	0.014	3.19	0.7	< 0.01	0.51	0.03	< 0.005	< 0.01	0.10	< 0.01	29.3	0.36	< 0.005	< 0.01
B18031	2	< 5	< 5	8.14	< 0.01	< 0.001	4.26	0.006	< 0.01	0.017	3.76	0.6	< 0.01	0.54	0.03	< 0.005	< 0.01	0.14	< 0.01	27.8	0.36	< 0.005	0.01
B18032	2	< 5	< 5	7.64	< 0.01	< 0.001	4.97	0.005	< 0.01	0.035	4.31	0.5	< 0.01	0.60	0.04	< 0.005	< 0.01	0.10	< 0.01	27.3	0.34	< 0.005	0.01
B18033	< 2	< 5	< 5	8.24	< 0.01	< 0.001	4.42	0.003	< 0.01	0.010	2.97	0.5	< 0.01	0.44	0.03	0.018	< 0.01	0.06	< 0.01	28.3	0.35	< 0.005	< 0.01
B18034	< 2	< 5	< 5	7.98	< 0.01	< 0.001	5.31	0.003	< 0.01	0.016	3.26	0.5	< 0.01	0.54	0.04	0.036	< 0.01	0.07	< 0.01	27.6	0.33	< 0.005	< 0.01
B18035	< 2	< 5	< 5	7.91	< 0.01	< 0.001	4.73	0.003	< 0.01	0.008	3.43	0.6	< 0.01	0.58	0.04	< 0.005	< 0.01	< 0.01	< 0.01	28.3	0.33	< 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
PTM-1a Meas					0.22			2.00		24.4						47.4		23.0					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.67														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.12	0.014	1.55	< 0.005				30.6	0.08	0.394	< 0.01		< 0.01	18.9			< 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	0.121	13.7					3.23		7.32		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					< 0.01			0.165	0.08	0.420	32.3					10.4		25.3		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.137	12.4							20.4	0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.22		2.43			3.11	8.00			0.03			2.06	13.7		17.4		0.110	15.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.3				0.27					4.69	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.39			5.52		1.09		8.58	2.3		2.99	0.13			1.16		22.9	0.71		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.007	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.127	7.10			0.07			64.1						6.14
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.04			0.011		0.423							0.18	33.5		0.35			56.3
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.59	< 0.01	< 0.001	1.96	0.003	< 0.01	0.362	3.81	2.2		0.51	0.06		1.36	4.36	0.02	27.2	0.18	< 0.005	5.10
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.15	0.10			0.031		22.4	30.8			0.70	< 0.01		0.70	35.2	0.01				2.84
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	4920	1950	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1860	1620	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B18003 Orig				7.47	< 0.01	< 0.001	0.75	0.003	< 0.01	0.009	3.70	1.7	< 0.01	0.61	0.03	< 0.005	< 0.01	0.03	< 0.01	32.7	0.31	< 0.005	0.02
B18003 Dup				7.51	< 0.01	< 0.001	0.77	0.003	< 0.01	0.008	3.75	1.8	< 0.01	0.61	0.03	< 0.005	< 0.01	0.02	< 0.01	33.5	0.32	< 0.005	0.02
B18011 Orig	< 2	< 5	< 5	7.54	< 0.01	< 0.001	2.31	0.003	< 0.01	0.016	2.95	1.8	< 0.01	0.51	0.02	< 0.005	< 0.01	0.06	< 0.01	31.1	0.32	< 0.005	< 0.01
B18011 Dup	< 2	< 5	< 5	7.81	< 0.01	< 0.001	2.43	0.003	< 0.01	0.016	2.92	1.9	< 0.01	0.49	0.02	< 0.005	< 0.01	0.05	< 0.01	33.2	0.31	< 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
B18020 Orig	< 2	< 5	< 5																				
B18020 Dup	< 2	< 5	< 5																				
B18030 Orig	< 2	< 5	< 5																				
B18030 Dup	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.01	< 0.01	< 0.001	0.03	< 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.: **A20-04799**
Report Date: **27-May-20**
Date Submitted: **04-May-20**
Your Reference: **Crawford (CR20-C-D02)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-25 13:46:16

REPORT **A20-04799**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-04799**
Report Date: **27-May-20**
Date Submitted: **04-May-20**
Your Reference: **Crawford (CR20-C-D02)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-14 20:02:37

REPORT **A20-04799**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B18036	< 2	< 5	< 5	7.81	< 0.01	< 0.001	5.43	0.002	< 0.01	0.007	3.58	0.5	< 0.01	0.64	0.05	< 0.005	< 0.01	< 0.01	< 0.01	27.4	0.33	< 0.005	< 0.01
B18037	< 2	< 5	< 5	8.10	< 0.01	< 0.001	2.93	0.002	< 0.01	0.010	3.67	0.6	< 0.01	0.65	0.03	< 0.005	< 0.01	0.03	< 0.01	29.9	0.34	< 0.005	< 0.01
B18038	< 2	< 5	< 5	8.15	< 0.01	< 0.001	4.20	< 0.002	< 0.01	0.007	2.70	0.6	< 0.01	0.46	0.03	< 0.005	< 0.01	0.02	< 0.01	29.2	0.33	< 0.005	< 0.01
B18039	5	< 5	< 5	7.62	< 0.01	< 0.001	6.18	< 0.002	< 0.01	0.009	3.79	0.5	< 0.01	0.61	0.05	< 0.005	< 0.01	0.10	< 0.01	27.2	0.32	< 0.005	< 0.01
B18040	12	< 5	< 5	0.33	< 0.01	< 0.001	0.22	0.009	0.10	< 0.005	4.15	< 0.1	< 0.01	26.3	0.06	0.291	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
B18041	< 2	< 5	< 5	8.41	< 0.01	< 0.001	4.27	0.002	< 0.01	0.009	3.54	0.6	< 0.01	0.59	0.04	< 0.005	< 0.01	0.02	< 0.01	28.1	0.35	< 0.005	< 0.01
B18042	< 2	< 5	< 5	8.56	< 0.01	< 0.001	4.43	0.002	< 0.01	0.011	4.27	0.5	< 0.01	0.74	0.04	< 0.005	< 0.01	< 0.01	< 0.01	27.4	0.36	< 0.005	< 0.01
B18043	< 2	< 5	< 5	8.28	< 0.01	< 0.001	4.87	0.002	< 0.01	0.007	3.44	0.5	< 0.01	0.69	0.04	< 0.005	< 0.01	0.02	< 0.01	28.1	0.34	< 0.005	< 0.01
B18044	3	< 5	< 5	8.00	< 0.01	< 0.001	5.00	< 0.002	< 0.01	< 0.005	3.42	0.4	< 0.01	0.72	0.04	< 0.005	< 0.01	< 0.01	< 0.01	27.9	0.33	< 0.005	< 0.01
B18045	< 2	< 5	< 5	8.16	< 0.01	< 0.001	4.63	< 0.002	< 0.01	< 0.005	3.68	0.5	< 0.01	0.72	0.04	< 0.005	< 0.01	0.02	< 0.01	27.8	0.34	< 0.005	< 0.01
B18046	< 2	< 5	< 5	7.73	< 0.01	< 0.001	5.73	< 0.002	< 0.01	0.006	3.87	0.5	< 0.01	0.70	0.05	< 0.005	< 0.01	0.02	< 0.01	26.9	0.33	< 0.005	< 0.01
B18047	< 2	< 5	< 5	8.23	< 0.01	< 0.001	4.54	< 0.002	< 0.01	0.006	4.09	0.4	< 0.01	0.77	0.05	< 0.005	< 0.01	< 0.01	< 0.01	28.0	0.34	< 0.005	< 0.01
B18048	< 2	< 5	< 5	8.13	< 0.01	< 0.001	3.79	< 0.002	< 0.01	0.008	3.20	0.5	< 0.01	0.61	0.04	< 0.005	< 0.01	0.04	< 0.01	30.9	0.34	< 0.005	< 0.01
B18049	4	< 5	< 5	7.97	< 0.01	< 0.001	3.35	< 0.002	< 0.01	< 0.005	3.25	0.5	< 0.01	0.71	0.03	< 0.005	< 0.01	0.07	< 0.01	30.5	0.33	< 0.005	< 0.01
B18050	< 2	< 5	< 5	7.73	< 0.01	< 0.001	3.02	< 0.002	< 0.01	< 0.005	2.75	2.2	< 0.01	1.07	0.05	< 0.005	< 0.01	0.06	< 0.01	31.8	0.23	< 0.005	< 0.01
B18051	3	< 5	< 5	7.27	< 0.01	< 0.001	4.10	< 0.002	< 0.01	< 0.005	3.28	0.4	< 0.01	1.02	0.04	< 0.005	< 0.01	< 0.01	< 0.01	30.2	0.30	< 0.005	< 0.01
B18052	< 2	< 5	< 5	6.82	< 0.01	< 0.001	3.92	< 0.002	< 0.01	0.006	2.47	0.4	< 0.01	0.91	0.04	< 0.005	< 0.01	< 0.01	< 0.01	31.0	0.28	< 0.005	< 0.01
B18053	< 2	< 5	< 5	8.20	< 0.01	< 0.001	3.64	< 0.002	< 0.01	< 0.005	2.08	0.5	< 0.01	0.87	0.04	< 0.005	< 0.01	< 0.01	< 0.01	33.8	0.33	< 0.005	< 0.01
B18054	< 2	< 5	< 5	8.27	< 0.01	< 0.001	3.45	< 0.002	< 0.01	0.008	1.95	0.5	< 0.01	0.82	0.04	< 0.005	< 0.01	0.01	< 0.01	30.6	0.33	< 0.005	< 0.01
B18055	< 2	< 5	< 5	7.68	< 0.01	< 0.001	3.98	< 0.002	< 0.01	< 0.005	2.22	0.4	< 0.01	1.12	0.05	< 0.005	< 0.01	< 0.01	< 0.01	29.3	0.32	< 0.005	< 0.01
B18056	25	< 5	< 5	8.05	< 0.01	< 0.001	3.98	< 0.002	< 0.01	0.010	1.96	0.4	< 0.01	1.03	0.05	< 0.005	< 0.01	0.03	< 0.01	29.1	0.34	< 0.005	< 0.01
B18057	< 2	< 5	< 5	7.08	< 0.01	< 0.001	3.37	< 0.002	< 0.01	< 0.005	1.71	0.4	< 0.01	0.84	0.05	< 0.005	< 0.01	< 0.01	< 0.01	31.6	0.29	< 0.005	< 0.01
B18058	< 2	15	< 5	6.07	< 0.01	< 0.001	2.69	< 0.002	< 0.01	0.006	1.47	0.2	< 0.01	0.73	0.04	< 0.005	< 0.01	0.01	< 0.01	33.8	0.25	< 0.005	< 0.01
B18059	< 2	14	< 5	8.18	< 0.01	< 0.001	4.54	< 0.002	< 0.01	< 0.005	1.36	0.5	< 0.01	0.79	0.06	0.009	< 0.01	0.03	< 0.01	28.6	0.34	< 0.005	< 0.01
B18060	< 2	14	< 5	8.25	< 0.01	< 0.001	4.54	< 0.002	< 0.01	< 0.005	1.35	0.5	< 0.01	0.79	0.05	< 0.005	< 0.01	0.02	< 0.01	28.7	0.35	< 0.005	< 0.01
B18061	< 2	< 5	< 5	8.30	< 0.01	< 0.001	3.52	< 0.002	< 0.01	< 0.005	1.24	0.5	< 0.01	0.92	0.05	< 0.005	< 0.01	0.01	< 0.01	29.3	0.35	< 0.005	< 0.01
B18062	< 2	7	< 5	6.97	< 0.01	< 0.001	3.04	< 0.002	< 0.01	< 0.005	1.21	0.2	< 0.01	0.97	0.04	0.007	< 0.01	< 0.01	< 0.01	32.0	0.25	< 0.005	< 0.01
B18063	< 2	8	< 5	7.59	< 0.01	< 0.001	2.90	< 0.002	< 0.01	< 0.005	1.27	0.3	< 0.01	1.05	0.04	0.009	< 0.01	< 0.01	< 0.01	30.5	0.26	< 0.005	< 0.01
B18064	3	7	6	5.28	< 0.01	< 0.001	9.60	0.007	0.20	0.008	5.46	< 0.1	< 0.01	4.84	0.11	0.065	< 0.01	0.38	< 0.01	20.4	0.26	< 0.005	< 0.01
B18065	< 2	< 5	< 5	7.16	< 0.01	< 0.001	4.58	0.003	0.04	< 0.005	2.75	0.6	< 0.01	2.47	0.06	0.021	< 0.01	0.04	< 0.01	27.9	0.31	< 0.005	< 0.01
B18066	< 2	< 5	< 5	8.13	< 0.01	< 0.001	2.27	< 0.002	< 0.01	< 0.005	2.20	0.7	< 0.01	1.78	0.04	0.008	< 0.01	0.03	< 0.01	29.4	0.35	< 0.005	< 0.01
B18067	< 2	< 5	< 5	8.41	< 0.01	< 0.001	2.01	< 0.002	0.01	< 0.005	2.18	0.7	< 0.01	1.71	0.03	0.009	< 0.01	0.02	< 0.01	29.7	0.36	< 0.005	< 0.01
B18068	< 2	< 5	< 5	8.29	< 0.01	< 0.001	1.94	< 0.002	< 0.01	0.005	2.13	0.6	< 0.01	1.60	0.04	0.007	< 0.01	< 0.01	< 0.01	30.3	0.35	< 0.005	< 0.01
B18069	< 2	< 5	< 5	8.37	< 0.01	< 0.001	2.21	< 0.002	< 0.01	< 0.005	1.90	0.6	< 0.01	1.59	0.04	0.007	< 0.01	0.03	< 0.01	29.9	0.36	< 0.005	< 0.01
B18070	< 2	< 5	< 5	8.57	< 0.01	< 0.001	2.04	< 0.002	< 0.01	< 0.005	1.69	0.8	< 0.01	1.30	0.04	0.006	< 0.01	0.03	< 0.01	30.4	0.36	< 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														3.56				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.09	0.013	1.56	< 0.005				30.8	0.08	0.382	< 0.01		< 0.01	19.2			< 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
DTS-2b Meas				0.21			0.09	0.014	1.57	< 0.005				30.7	0.08	0.394	< 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
DTS-2b Meas				0.22			0.10	0.014	1.62	< 0.005				31.4	0.08	0.408	< 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			16.7		0.358	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.011					1.09	< 0.005	< 0.01			15.7		0.349	< 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 74a (Fusion) Meas					< 0.01			0.056	0.18	0.126	14.2					3.24		7.56		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.060	0.18	0.121	14.2					3.42		7.32		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.122	14.3					3.44		7.38		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.162	0.08	0.427	34.2					10.4		26.6		6.13			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.5							20.2	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.3							19.8	< 0.01				17.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.56			3.14	8.41			0.03			2.08	13.6		17.1		0.109	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.24		2.40			3.00	8.30			0.03			2.09	13.0		16.3		0.109	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.29		2.44			3.08	8.42			0.03			2.13	12.9		16.7		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											40.4				0.27					4.68	14.2		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											45.2				0.27					4.41	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		

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
AMIS 0129 Meas											44.7				0.27					4.43	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.79									0.009	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.75									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.086																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.098																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.03			0.010		0.415							0.18	33.4		0.27			55.6
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.04			0.011		0.409							0.18	34.2		0.27			53.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.011		0.429							0.19	34.5		0.28			56.9
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	
W 106 Meas																						2.07	
W 106 Cert																						2.16	
W 106 Meas																						2.25	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.030		22.5	32.3			0.72	< 0.01		0.71	35.4	0.01				2.86
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
CCU-1e Meas				0.14	0.10			0.031		22.1	32.3			0.74	0.01		0.72	36.2	0.01				2.87
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
CCU-1e Meas				0.13	0.11			0.032		21.9	32.4			0.74	< 0.01		0.72	35.1	0.01				2.92

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
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	4780	1970	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1860	1620	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B18040 Orig				0.33	< 0.01	< 0.001	0.22	0.009	0.10	< 0.005	4.19	< 0.1	< 0.01	26.6	0.06	0.294	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
B18040 Dup				0.33	< 0.01	< 0.001	0.22	0.009	0.10	< 0.005	4.12	< 0.1	< 0.01	25.9	0.06	0.288	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
B18045 Orig	< 2	< 5	< 5	8.14	< 0.01	< 0.001	4.64	< 0.002	< 0.01	0.005	3.68	0.5	< 0.01	0.72	0.04	< 0.005	< 0.01	0.03	< 0.01	27.7	0.33	< 0.005	< 0.01
B18045 Dup	< 2	< 5	< 5	8.18	< 0.01	< 0.001	4.61	< 0.002	< 0.01	< 0.005	3.68	0.5	< 0.01	0.73	0.04	< 0.005	< 0.01	0.02	< 0.01	27.8	0.34	< 0.005	< 0.01
B18055 Orig	< 2	< 5	< 5	7.71	< 0.01	< 0.001	3.96	< 0.002	< 0.01	< 0.005	2.22	0.4	< 0.01	1.12	0.05	< 0.005	< 0.01	0.01	< 0.01	29.2	0.32	< 0.005	< 0.01
B18055 Dup	< 2	< 5	< 5	7.66	< 0.01	< 0.001	4.00	< 0.002	< 0.01	< 0.005	2.22	0.4	< 0.01	1.12	0.05	< 0.005	< 0.01	< 0.01	< 0.01	29.4	0.32	< 0.005	< 0.01
B18065 Orig	< 2	< 5	< 5	7.16	< 0.01	< 0.001	4.60	0.003	0.04	< 0.005	2.77	0.6	< 0.01	2.47	0.06	0.021	< 0.01	0.05	< 0.01	28.1	0.31	< 0.005	< 0.01
B18065 Dup	< 2	< 5	< 5	7.16	< 0.01	< 0.001	4.57	0.003	0.04	< 0.005	2.74	0.6	< 0.01	2.46	0.06	0.021	< 0.01	0.03	< 0.01	27.7	0.31	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.04	< 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	0.017	< 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				< 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	0.02	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04801**
Report Date: **22-May-20**
Date Submitted: **04-May-20**
Your Reference: **Crawford (CR20-C-C45)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-21 12:44:58

REPORT **A20-04801**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-04801**
Report Date: **22-May-20**
Date Submitted: **04-May-20**
Your Reference: **Crawford (CR20-C-C45)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-14 20:02:37

REPORT **A20-04801**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11530	< 2	< 5	6	1.18	< 0.01	< 0.001	0.47	0.012	0.72	< 0.005	5.85	< 0.1	< 0.01	22.7	0.11	0.244	< 0.01	0.03	< 0.01	17.4	0.07	< 0.005	< 0.01
B11531	< 2	6	< 5	1.22	< 0.01	< 0.001	0.37	0.012	0.70	< 0.005	6.55	< 0.1	< 0.01	22.5	0.10	0.247	< 0.01	0.03	< 0.01	17.1	0.06	< 0.005	< 0.01
B11532	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.39	0.012	0.62	< 0.005	6.65	< 0.1	< 0.01	20.8	0.09	0.227	< 0.01	0.03	< 0.01	15.4	0.06	< 0.005	0.01
B11533	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.44	0.012	0.70	< 0.005	6.26	< 0.1	< 0.01	22.8	0.10	0.251	< 0.01	0.05	< 0.01	17.0	0.06	< 0.005	< 0.01
B11534	< 2	6	< 5	1.26	< 0.01	< 0.001	0.88	0.011	0.71	< 0.005	5.74	< 0.1	< 0.01	22.5	0.11	0.241	< 0.01	0.03	< 0.01	17.3	0.06	< 0.005	< 0.01
B11535	2	< 5	< 5	1.33	< 0.01	< 0.001	0.64	0.012	0.66	0.006	6.04	< 0.1	< 0.01	22.5	0.11	0.233	< 0.01	0.03	< 0.01	17.1	0.08	< 0.005	< 0.01
B11536	< 2	< 5	< 5	7.02	< 0.01	< 0.001	4.33	0.002	0.02	< 0.005	3.11	1.8	< 0.01	1.89	0.05	0.008	< 0.01	0.03	< 0.01	28.9	0.25	< 0.005	< 0.01
B11537	< 2	< 5	< 5	1.27	< 0.01	< 0.001	0.63	0.012	0.63	< 0.005	6.82	< 0.1	< 0.01	22.3	0.10	0.231	< 0.01	0.02	< 0.01	17.3	0.06	< 0.005	< 0.01
B11538	4	< 5	< 5	1.31	< 0.01	< 0.001	0.66	0.013	0.76	< 0.005	7.50	< 0.1	< 0.01	24.8	0.11	0.254	< 0.01	0.03	< 0.01	19.2	0.07	< 0.005	< 0.01
B11539	3	< 5	< 5	1.40	< 0.01	< 0.001	0.54	0.012	0.68	< 0.005	6.67	< 0.1	< 0.01	22.6	0.10	0.236	< 0.01	0.03	< 0.01	17.7	0.06	< 0.005	< 0.01
B11540	< 2	< 5	< 5	1.20	< 0.01	< 0.001	0.48	0.013	0.75	< 0.005	7.09	< 0.1	< 0.01	24.0	0.10	0.253	< 0.01	0.03	< 0.01	18.2	0.06	< 0.005	< 0.01
B11541	< 2	< 5	< 5	1.21	< 0.01	< 0.001	0.58	0.014	0.80	< 0.005	7.33	< 0.1	< 0.01	26.1	0.11	0.274	< 0.01	0.02	< 0.01	19.8	0.07	< 0.005	0.01
B11542	< 2	< 5	< 5	1.08	< 0.01	< 0.001	0.55	0.013	0.73	< 0.005	6.54	< 0.1	< 0.01	22.7	0.09	0.234	< 0.01	0.02	< 0.01	17.6	0.06	< 0.005	< 0.01
B11543	4	< 5	< 5	1.07	< 0.01	< 0.001	0.48	0.012	0.70	< 0.005	6.41	< 0.1	< 0.01	22.7	0.09	0.238	< 0.01	0.03	< 0.01	17.2	0.06	< 0.005	< 0.01
B11544	3	< 5	< 5	1.10	< 0.01	< 0.001	0.51	0.013	0.74	< 0.005	6.67	< 0.1	< 0.01	23.6	0.10	0.248	< 0.01	0.03	< 0.01	17.8	0.06	< 0.005	< 0.01
B11545	3	10	< 5	1.13	< 0.01	< 0.001	0.40	0.014	0.70	< 0.005	7.69	< 0.1	< 0.01	24.3	0.10	0.268	< 0.01	0.04	< 0.01	18.1	0.06	< 0.005	< 0.01
B11546	4	< 5	< 5	1.07	< 0.01	< 0.001	0.45	0.013	0.77	< 0.005	6.29	< 0.1	< 0.01	23.4	0.09	0.269	< 0.01	0.04	< 0.01	17.7	0.06	< 0.005	< 0.01
B11547	3	< 5	< 5	1.06	< 0.01	< 0.001	0.44	0.014	0.87	< 0.005	7.30	< 0.1	< 0.01	25.5	0.11	0.278	< 0.01	0.02	< 0.01	19.0	0.06	< 0.005	< 0.01
B11548	3	< 5	< 5	1.09	< 0.01	< 0.001	0.49	0.013	0.76	< 0.005	6.56	< 0.1	< 0.01	24.0	0.10	0.253	< 0.01	0.02	< 0.01	18.2	0.08	< 0.005	< 0.01
B11549	4	< 5	< 5	0.96	< 0.01	< 0.001	0.41	0.012	0.73	< 0.005	6.21	< 0.1	< 0.01	23.9	0.10	0.248	< 0.01	0.02	< 0.01	17.7	0.05	< 0.005	< 0.01
B11550	5	< 5	< 5	1.00	< 0.01	< 0.001	0.42	0.013	0.77	< 0.005	7.05	< 0.1	< 0.01	25.7	0.10	0.272	< 0.01	0.05	< 0.01	18.5	0.06	< 0.005	< 0.01
B11551	3	< 5	< 5	0.93	< 0.01	< 0.001	0.42	0.013	0.81	< 0.005	6.71	< 0.1	< 0.01	26.4	0.10	0.280	< 0.01	0.07	< 0.01	18.6	0.05	< 0.005	< 0.01
B11552	3	< 5	< 5	0.92	< 0.01	< 0.001	0.26	0.013	0.75	< 0.005	5.58	< 0.1	< 0.01	24.1	0.08	0.267	< 0.01	0.04	< 0.01	17.1	0.05	< 0.005	< 0.01
B11553	2	< 5	< 5	0.92	< 0.01	< 0.001	0.15	0.012	0.73	< 0.005	7.11	< 0.1	< 0.01	23.4	0.08	0.242	< 0.01	0.03	< 0.01	16.6	0.05	< 0.005	< 0.01
B11554	2	< 5	< 5	0.87	< 0.01	< 0.001	0.24	0.013	0.75	< 0.005	6.81	< 0.1	< 0.01	23.8	0.09	0.277	< 0.01	0.05	< 0.01	17.3	0.05	< 0.005	< 0.01
B11555	2	< 5	< 5	0.75	< 0.01	< 0.001	0.12	0.013	0.72	< 0.005	6.38	< 0.1	< 0.01	23.9	0.10	0.265	< 0.01	0.03	< 0.01	17.1	0.04	< 0.005	< 0.01
B11556	2	< 5	< 5	0.77	< 0.01	< 0.001	0.21	0.012	0.69	< 0.005	6.24	< 0.1	< 0.01	23.8	0.09	0.257	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
B11557	< 2	< 5	< 5	0.70	< 0.01	< 0.001	0.13	0.013	0.66	< 0.005	6.22	< 0.1	< 0.01	24.3	0.09	0.259	< 0.01	0.02	< 0.01	16.7	0.04	< 0.005	< 0.01
B11558	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.13	0.013	0.73	< 0.005	5.57	< 0.1	< 0.01	24.2	0.09	0.253	< 0.01	0.04	< 0.01	16.7	0.04	< 0.005	< 0.01
B11559	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.08	0.014	0.49	< 0.005	5.66	< 0.1	< 0.01	25.8	0.10	0.288	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
B11560	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.11	0.012	0.48	< 0.005	5.84	< 0.1	< 0.01	24.9	0.09	0.316	< 0.01	0.05	< 0.01	16.5	0.02	< 0.005	< 0.01
B11561	3	< 5	< 5	0.33	< 0.01	< 0.001	0.03	0.012	0.45	< 0.005	5.79	< 0.1	< 0.01	25.5	0.10	0.285	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	0.01
B11562	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.05	0.013	0.47	< 0.005	5.81	< 0.1	< 0.01	25.4	0.11	0.281	< 0.01	< 0.01	< 0.01	16.1	0.02	< 0.005	< 0.01
B11563	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.04	0.013	0.48	< 0.005	5.76	< 0.1	< 0.01	25.4	0.10	0.285	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	< 0.01
B11564	11	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.010	0.10	< 0.005	4.06	< 0.1	< 0.01	25.6	0.06	0.300	< 0.01	0.06	< 0.01	16.1	0.02	< 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				0.21			0.09	0.014	1.57	< 0.005				30.7	0.08	0.394	< 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
DTS-2b Meas				0.22			0.10	0.014	1.62	< 0.005				31.4	0.08	0.408	< 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					0.011					1.09	< 0.005	< 0.01			15.7		0.349	< 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 74a (Fusion) Meas					< 0.01			0.060	0.18	0.121	14.2					3.42		7.32		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.122	14.3					3.44		7.38		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		0.134	12.3							19.8	< 0.01				17.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.24		2.40			3.00	8.30			0.03			2.09	13.0		16.3		0.109	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.29		2.44			3.08	8.42			0.03			2.13	12.9		16.7		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											45.2				0.27					4.41	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.7				0.27					4.43	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.009	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.75									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.098																	
NCS DC86313 Cert						1																	

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
CZN-4 Meas				0.08	0.04			0.011		0.409							0.18	34.2		0.27			53.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.011		0.429							0.19	34.5		0.28			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.07	
W 106 Cert																						2.16	
W 106 Meas																						2.25	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.031		22.1	32.3			0.74	0.01		0.72	36.2	0.01				2.87
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
CCU-1e Meas				0.13	0.11			0.032		21.9	32.4			0.74	< 0.01		0.72	35.1	0.01				2.92
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	2030	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1910	1720	229																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11534 Orig				1.25	< 0.01	< 0.001	0.88	0.011	0.70	< 0.005	5.68	< 0.1	< 0.01	22.5	0.10	0.236	< 0.01	0.03	< 0.01	17.2	0.06	< 0.005	< 0.01
B11534 Dup				1.27	< 0.01	< 0.001	0.88	0.011	0.71	0.005	5.79	< 0.1	< 0.01	22.6	0.11	0.246	< 0.01	0.03	< 0.01	17.3	0.07	< 0.005	< 0.01
B11539 Orig	2	< 5	< 5																				
B11539 Dup	4	< 5	< 5																				
B11544 Orig				1.07	< 0.01	< 0.001	0.49	0.013	0.71	< 0.005	6.51	< 0.1	< 0.01	23.0	0.09	0.243	< 0.01	0.04	< 0.01	17.3	0.06	< 0.005	< 0.01
B11544 Dup				1.14	< 0.01	< 0.001	0.54	0.013	0.78	< 0.005	6.83	< 0.1	< 0.01	24.3	0.10	0.252	< 0.01	0.02	< 0.01	18.3	0.06	< 0.005	< 0.01
B11549 Orig	4	< 5	< 5																				
B11549 Dup	3	< 5	< 5																				
B11559 Orig	< 2	< 5	< 5																				
B11559 Dup	< 2	< 5	< 5																				
B11564 Orig				0.33	< 0.01	< 0.001	0.24	0.010	0.10	< 0.005	4.07	< 0.1	< 0.01	25.6	0.06	0.299	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
B11564 Dup				0.34	< 0.01	< 0.001	0.23	0.009	0.10	< 0.005	4.05	< 0.1	< 0.01	25.7	0.06	0.302	< 0.01	0.06	< 0.01	16.1	0.02	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.04	< 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	0.017	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04802**
Report Date: **22-May-20**
Date Submitted: **04-May-20**
Your Reference: **Crawford (CR20-C-C46)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-21 12:44:58

REPORT **A20-04802**

Notes:

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.: **A20-04802**
Report Date: **22-May-20**
Date Submitted: **04-May-20**
Your Reference: **Crawford (CR20-C-C46)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-14 20:02:37

REPORT **A20-04802**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11565	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.08	0.012	0.48	< 0.005	5.72	< 0.1	< 0.01	25.4	0.10	0.285	< 0.01	< 0.01	< 0.01	16.2	0.02	< 0.005	< 0.01
B11566	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.07	0.012	0.49	< 0.005	6.12	< 0.1	< 0.01	25.0	0.09	0.303	< 0.01	0.03	< 0.01	16.1	0.02	< 0.005	< 0.01
B11567	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.07	0.012	0.47	< 0.005	6.24	< 0.1	< 0.01	24.7	0.09	0.295	< 0.01	0.03	< 0.01	16.1	0.02	< 0.005	< 0.01
B11568	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.05	0.012	0.55	< 0.005	5.67	< 0.1	< 0.01	25.7	0.10	0.297	< 0.01	0.01	< 0.01	16.1	0.02	< 0.005	< 0.01
B11569	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.04	0.013	0.60	< 0.005	5.93	< 0.1	< 0.01	25.3	0.10	0.288	< 0.01	0.03	< 0.01	15.8	0.02	< 0.005	< 0.01
B11570	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.03	0.012	0.60	< 0.005	5.60	< 0.1	< 0.01	25.4	0.10	0.292	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
B11571	2	< 5	< 5	0.31	< 0.01	< 0.001	0.08	0.013	0.62	< 0.005	6.11	< 0.1	< 0.01	25.4	0.10	0.294	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	< 0.01
B11572	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.07	0.012	0.62	< 0.005	5.54	< 0.1	< 0.01	25.4	0.09	0.294	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
B11573	2	< 5	< 5	0.25	< 0.01	< 0.001	0.06	0.013	0.66	< 0.005	6.00	< 0.1	< 0.01	25.4	0.10	0.290	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
B11574	3	< 5	< 5	0.29	< 0.01	< 0.001	0.05	0.012	0.69	< 0.005	5.82	< 0.1	< 0.01	25.2	0.09	0.300	< 0.01	0.04	< 0.01	16.2	0.01	< 0.005	< 0.01
B11575	2	< 5	< 5	0.30	< 0.01	< 0.001	0.08	0.012	0.72	< 0.005	5.40	< 0.1	< 0.01	25.4	0.09	0.289	< 0.01	0.04	< 0.01	16.1	0.02	< 0.005	< 0.01
B11576	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.04	0.012	0.71	< 0.005	5.44	< 0.1	< 0.01	25.6	0.09	0.287	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
B11577	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.06	0.012	0.69	< 0.005	5.96	< 0.1	< 0.01	25.2	0.09	0.283	< 0.01	0.03	< 0.01	15.9	0.02	< 0.005	< 0.01
B11578	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.05	0.012	0.72	< 0.005	5.72	< 0.1	< 0.01	25.2	0.09	0.295	< 0.01	0.03	< 0.01	16.2	0.02	< 0.005	< 0.01
B11579	3	< 5	< 5	0.33	< 0.01	< 0.001	0.05	0.013	0.73	< 0.005	6.04	< 0.1	< 0.01	25.5	0.09	0.278	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
B11580	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.07	0.012	0.72	< 0.005	5.68	< 0.1	< 0.01	25.3	0.09	0.279	< 0.01	0.02	< 0.01	16.2	0.02	< 0.005	< 0.01
B11581	5	< 5	< 5	0.33	< 0.01	< 0.001	0.05	0.012	0.73	< 0.005	5.51	< 0.1	< 0.01	25.5	0.09	0.282	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	< 0.01
B11582	4	< 5	< 5	0.29	< 0.01	< 0.001	0.08	0.013	0.74	< 0.005	5.66	< 0.1	< 0.01	25.4	0.10	0.293	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01
B11583	9	< 5	< 5	0.28	< 0.01	< 0.001	0.05	0.012	0.72	< 0.005	5.72	< 0.1	< 0.01	25.7	0.09	0.284	< 0.01	0.08	< 0.01	15.9	0.01	< 0.005	< 0.01
B11584	2	< 5	< 5	0.26	< 0.01	< 0.001	0.04	0.013	0.71	< 0.005	5.81	< 0.1	< 0.01	25.4	0.09	0.292	< 0.01	0.06	< 0.01	15.7	0.01	< 0.005	< 0.01
B11585	2	< 5	< 5	0.30	< 0.01	< 0.001	0.05	0.013	0.76	< 0.005	5.96	< 0.1	< 0.01	25.6	0.10	0.295	< 0.01	0.04	< 0.01	15.6	0.02	< 0.005	< 0.01
B11586	4	< 5	< 5	0.31	< 0.01	< 0.001	0.04	0.013	0.75	< 0.005	5.92	< 0.1	< 0.01	25.4	0.09	0.287	< 0.01	0.05	< 0.01	15.3	0.02	< 0.005	< 0.01
B11587	3	< 5	< 5	0.27	< 0.01	< 0.001	0.04	0.013	0.75	< 0.005	5.72	< 0.1	< 0.01	25.5	0.09	0.304	< 0.01	0.08	< 0.01	15.5	0.01	< 0.005	< 0.01
B11588	4	< 5	< 5	0.25	< 0.01	< 0.001	0.07	0.013	0.79	< 0.005	5.69	< 0.1	< 0.01	25.5	0.09	0.291	< 0.01	0.06	< 0.01	15.8	0.01	< 0.005	< 0.01
B11589	2	< 5	< 5	0.27	< 0.01	< 0.001	0.06	0.013	0.75	< 0.005	5.93	< 0.1	< 0.01	25.4	0.09	0.289	< 0.01	0.04	< 0.01	15.4	0.01	< 0.005	< 0.01
B11590	4	< 5	< 5	0.30	< 0.01	< 0.001	0.05	0.013	0.67	< 0.005	7.84	< 0.1	< 0.01	24.7	0.08	0.270	< 0.01	0.07	< 0.01	15.2	0.01	< 0.005	< 0.01
B11591	6	< 5	< 5	0.32	< 0.01	< 0.001	0.05	0.012	0.72	< 0.005	6.34	< 0.1	< 0.01	24.9	0.08	0.268	< 0.01	0.07	< 0.01	15.4	0.02	< 0.005	< 0.01
B11592	4	< 5	< 5	0.25	< 0.01	< 0.001	0.02	0.012	0.73	< 0.005	5.77	< 0.1	< 0.01	25.4	0.09	0.294	< 0.01	0.02	< 0.01	15.3	0.01	< 0.005	< 0.01
B11593	3	< 5	< 5	0.29	< 0.01	< 0.001	0.05	0.012	0.77	< 0.005	5.53	< 0.1	< 0.01	25.4	0.09	0.276	< 0.01	0.06	< 0.01	15.6	0.01	< 0.005	< 0.01
B11594	< 2	< 5	< 5	6.51	< 0.01	< 0.001	4.78	0.002	0.03	< 0.005	3.33	1.5	< 0.01	2.39	0.06	0.013	< 0.01	0.02	< 0.01	27.1	0.26	< 0.005	< 0.01
B11595	2	< 5	< 5	0.29	< 0.01	< 0.001	0.06	0.013	0.79	< 0.005	5.72	< 0.1	< 0.01	25.8	0.10	0.278	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01
B11596	3	< 5	< 5	0.29	< 0.01	< 0.001	0.05	0.013	0.78	< 0.005	6.24	< 0.1	< 0.01	25.0	0.10	0.300	< 0.01	0.05	< 0.01	15.3	0.01	< 0.005	< 0.01
B11597	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.06	0.012	0.77	< 0.005	5.66	< 0.1	< 0.01	25.5	0.09	0.287	< 0.01	0.05	< 0.01	15.7	0.01	< 0.005	< 0.01
B11598	3	< 5	< 5	0.26	< 0.01	< 0.001	0.05	0.012	0.78	< 0.005	5.88	< 0.1	< 0.01	25.1	0.10	0.291	< 0.01	0.05	< 0.01	15.7	0.01	< 0.005	< 0.01
B11599	12	< 5	< 5	0.33	< 0.01	< 0.001	0.23	0.009	0.10	< 0.005	4.09	< 0.1	< 0.01	25.8	0.06	0.301	< 0.01	0.08	< 0.01	16.1	0.02	< 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				0.21			0.09	0.014	1.57	< 0.005				30.7	0.08	0.394	< 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
DTS-2b Meas				0.22			0.10	0.014	1.62	< 0.005				31.4	0.08	0.408	< 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					0.011					1.09	< 0.005	< 0.01			15.7		0.349	< 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 74a (Fusion) Meas					< 0.01			0.060	0.18	0.121	14.2					3.42		7.32		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.122	14.3					3.44		7.38		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		0.134	12.3							19.8	< 0.01				17.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.24		2.40			3.00	8.30			0.03			2.09	13.0		16.3		0.109	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.29		2.44			3.08	8.42			0.03			2.13	12.9		16.7		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											45.2				0.27					4.41	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.7				0.27					4.43	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.009	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.75									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.098																	
NCS DC86313 Cert						1																	

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
CZN-4 Meas				0.08	0.04			0.011		0.409							0.18	34.2		0.27			53.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.011		0.429							0.19	34.5		0.28			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.07	
W 106 Cert																						2.16	
W 106 Meas																						2.25	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.031		22.1	32.3			0.74	0.01		0.72	36.2	0.01				2.87
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
CCU-1e Meas				0.13	0.11			0.032		21.9	32.4			0.74	< 0.01		0.72	35.1	0.01				2.92
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	1900	1590	213																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11574 Orig	4	< 5	< 5	0.30	< 0.01	< 0.001	0.06	0.012	0.69	< 0.005	5.86	< 0.1	< 0.01	25.2	0.09	0.300	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01
B11574 Dup	3	< 5	< 5	0.29	< 0.01	< 0.001	0.05	0.012	0.69	< 0.005	5.78	< 0.1	< 0.01	25.1	0.09	0.301	< 0.01	0.06	< 0.01	16.2	0.01	< 0.005	< 0.01
B11584 Orig	2	< 5	< 5	0.25	< 0.01	< 0.001	0.05	0.013	0.70	< 0.005	5.77	< 0.1	< 0.01	25.4	0.09	0.287	< 0.01	0.07	< 0.01	15.6	0.01	< 0.005	< 0.01
B11584 Dup	3	< 5	< 5	0.27	< 0.01	< 0.001	0.04	0.013	0.73	< 0.005	5.85	< 0.1	< 0.01	25.5	0.09	0.298	< 0.01	0.05	< 0.01	15.8	0.01	< 0.005	< 0.01
B11594 Orig	< 2	< 5	< 5	6.46	< 0.01	< 0.001	4.75	0.002	0.03	< 0.005	3.32	1.5	< 0.01	2.39	0.06	0.013	< 0.01	0.01	< 0.01	26.9	0.26	< 0.005	< 0.01
B11594 Dup	< 2	< 5	< 5	6.57	< 0.01	< 0.001	4.81	0.002	0.03	< 0.005	3.34	1.5	< 0.01	2.39	0.06	0.013	< 0.01	0.03	< 0.01	27.3	0.26	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.04	< 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	0.017	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04852**
Report Date: **26-May-20**
Date Submitted: **05-May-20**
Your Reference: **Crawford (CR20-C-A118)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-25 13:46:16

REPORT **A20-04852**

Notes:

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.: **A20-04852**
Report Date: **26-May-20**
Date Submitted: **05-May-20**
Your Reference: **Crawford (CR20-C-A118)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-14 20:02:37

REPORT **A20-04852**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970697	< 2	< 5	< 5	2.36	< 0.01	< 0.001	1.00	0.010	0.46	< 0.005	7.54	0.2	< 0.01	19.1	0.13	0.181	< 0.01	0.03	< 0.01	17.6	0.11	< 0.005	< 0.01
A0970698	< 2	< 5	< 5	1.02	< 0.01	< 0.001	0.09	0.012	0.55	< 0.005	7.58	< 0.1	< 0.01	22.6	0.12	0.221	< 0.01	0.03	< 0.01	16.9	0.06	< 0.005	< 0.01
A0970699	< 2	< 5	< 5	0.97	< 0.01	< 0.001	0.11	0.012	0.55	< 0.005	7.88	< 0.1	< 0.01	22.5	0.11	0.219	< 0.01	0.03	< 0.01	16.5	0.05	< 0.005	< 0.01
A0970700	< 2	< 5	< 5	0.95	< 0.01	< 0.001	0.12	0.012	0.54	< 0.005	7.75	< 0.1	< 0.01	22.2	0.11	0.224	< 0.01	0.05	< 0.01	16.7	0.05	< 0.005	< 0.01
A0970701	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.08	0.012	0.57	< 0.005	7.88	< 0.1	< 0.01	22.6	0.10	0.220	< 0.01	0.02	< 0.01	16.6	0.05	< 0.005	< 0.01
A0970702	11	< 5	< 5	0.33	< 0.01	< 0.001	0.20	0.009	0.10	< 0.005	3.99	< 0.1	< 0.01	25.3	0.06	0.294	< 0.01	0.05	< 0.01	15.8	0.02	< 0.005	< 0.01
A0970703	< 2	< 5	< 5	0.98	< 0.01	< 0.001	< 0.01	0.012	0.53	< 0.005	7.71	< 0.1	< 0.01	22.6	0.11	0.220	< 0.01	0.02	< 0.01	16.7	0.05	< 0.005	0.01
A0970704	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.02	0.012	0.56	< 0.005	7.36	< 0.1	< 0.01	22.9	0.11	0.229	< 0.01	0.03	< 0.01	16.8	0.05	< 0.005	< 0.01
A0970705	< 2	< 5	< 5	1.08	< 0.01	< 0.001	0.18	0.012	0.57	< 0.005	7.74	< 0.1	< 0.01	22.3	0.11	0.218	< 0.01	< 0.01	< 0.01	17.1	0.06	< 0.005	< 0.01
A0970706	< 2	< 5	< 5	2.21	< 0.01	< 0.001	2.76	0.012	0.46	< 0.005	8.03	< 0.1	< 0.01	19.2	0.16	0.160	< 0.01	0.02	< 0.01	16.6	0.13	< 0.005	< 0.01
A0970707	2	8	6	3.90	< 0.01	< 0.001	6.65	0.010	0.29	< 0.005	8.13	< 0.1	< 0.01	13.8	0.14	0.100	< 0.01	0.04	< 0.01	19.3	0.24	< 0.005	< 0.01
A0970708	< 2	7	6	3.56	< 0.01	< 0.001	4.82	0.010	0.34	< 0.005	7.99	< 0.1	< 0.01	14.6	0.14	0.114	< 0.01	< 0.01	< 0.01	19.0	0.21	< 0.005	< 0.01
A0970709	< 2	7	5	3.14	< 0.01	< 0.001	4.20	0.011	0.38	< 0.005	7.90	0.1	< 0.01	15.9	0.14	0.127	< 0.01	0.03	< 0.01	18.8	0.19	< 0.005	< 0.01
A0970710	< 2	7	< 5	2.76	< 0.01	< 0.001	4.18	0.011	0.41	< 0.005	7.64	< 0.1	< 0.01	16.9	0.13	0.141	< 0.01	0.02	< 0.01	18.4	0.17	< 0.005	< 0.01
A0970711	< 2	7	7	2.62	< 0.01	< 0.001	4.86	0.011	0.42	< 0.005	7.64	< 0.1	< 0.01	17.4	0.13	0.143	< 0.01	< 0.01	< 0.01	18.1	0.15	< 0.005	< 0.01
A0970712	< 2	5	6	2.52	< 0.01	< 0.001	4.77	0.010	0.44	< 0.005	7.05	< 0.1	< 0.01	17.6	0.13	0.150	< 0.01	0.02	< 0.01	18.0	0.15	< 0.005	< 0.01
A0970713	< 2	< 5	5	1.94	< 0.01	< 0.001	3.06	0.012	0.51	< 0.005	7.69	< 0.1	< 0.01	19.7	0.13	0.173	< 0.01	0.02	< 0.01	17.9	0.12	< 0.005	< 0.01
A0970714	< 2	6	7	1.90	< 0.01	< 0.001	2.89	0.012	0.49	< 0.005	7.89	< 0.1	< 0.01	20.1	0.14	0.171	< 0.01	0.03	< 0.01	17.7	0.11	< 0.005	0.01
A0970715	< 2	7	7	1.76	< 0.01	< 0.001	2.62	0.013	0.51	< 0.005	7.82	< 0.1	< 0.01	20.1	0.14	0.174	< 0.01	0.02	< 0.01	17.6	0.10	< 0.005	< 0.01
A0970716	< 2	6	< 5	1.70	< 0.01	< 0.001	2.42	0.012	0.51	< 0.005	7.98	< 0.1	< 0.01	20.6	0.14	0.177	< 0.01	0.02	< 0.01	17.7	0.10	< 0.005	< 0.01
A0970717	< 2	5	< 5	1.66	< 0.01	< 0.001	2.09	0.013	0.52	< 0.005	8.11	< 0.1	< 0.01	20.4	0.15	0.180	< 0.01	< 0.01	< 0.01	17.4	0.10	< 0.005	< 0.01
A0970718	< 2	7	17	1.56	< 0.01	< 0.001	2.37	0.012	0.51	< 0.005	7.92	< 0.1	< 0.01	20.6	0.14	0.174	< 0.01	< 0.01	< 0.01	17.3	0.09	< 0.005	< 0.01
A0970719	< 2	9	8	1.52	< 0.01	< 0.001	1.76	0.013	0.52	< 0.005	8.48	< 0.1	< 0.01	20.5	0.13	0.178	< 0.01	0.02	< 0.01	16.7	0.08	< 0.005	< 0.01
A0970720	< 2	9	9	1.51	< 0.01	< 0.001	1.72	0.013	0.52	< 0.005	8.54	< 0.1	< 0.01	20.6	0.13	0.178	< 0.01	0.02	< 0.01	16.5	0.08	< 0.005	< 0.01
A0970721	< 2	< 5	< 5	6.79	< 0.01	< 0.001	3.73	0.002	0.01	< 0.005	3.51	2.1	< 0.01	1.91	0.06	< 0.005	< 0.01	0.04	< 0.01	28.4	0.29	< 0.005	< 0.01
A0970722	< 2	6	< 5	1.46	< 0.01	< 0.001	1.47	0.013	0.47	< 0.005	8.05	< 0.1	< 0.01	20.8	0.12	0.167	< 0.01	0.04	< 0.01	16.6	0.08	< 0.005	< 0.01
A0970723	< 2	8	< 5	1.51	< 0.01	< 0.001	1.73	0.013	0.52	0.010	8.31	< 0.1	< 0.01	21.1	0.13	0.180	< 0.01	< 0.01	< 0.01	17.3	0.08	< 0.005	< 0.01
A0970724	< 2	6	11	1.43	< 0.01	< 0.001	1.79	0.013	0.54	0.008	7.99	< 0.1	< 0.01	21.4	0.13	0.186	< 0.01	0.02	< 0.01	17.1	0.09	< 0.005	< 0.01
A0970725	< 2	10	< 5	1.41	< 0.01	< 0.001	1.51	0.012	0.54	< 0.005	7.39	< 0.1	< 0.01	21.6	0.13	0.183	< 0.01	0.04	< 0.01	17.4	0.08	< 0.005	< 0.01
A0970726	< 2	14	20	1.32	< 0.01	< 0.001	0.89	0.014	0.55	< 0.005	7.92	< 0.1	< 0.01	22.0	0.14	0.192	< 0.01	0.03	< 0.01	17.4	0.07	< 0.005	< 0.01
A0970727	< 2	14	6	1.22	< 0.01	< 0.001	0.67	0.014	0.56	< 0.005	7.98	< 0.1	< 0.01	22.0	0.14	0.204	< 0.01	0.02	< 0.01	16.8	0.07	< 0.005	< 0.01
A0970728	< 2	9	< 5	1.22	< 0.01	< 0.001	0.63	0.014	0.53	< 0.005	8.22	< 0.1	< 0.01	22.0	0.13	0.188	< 0.01	< 0.01	< 0.01	16.8	0.07	< 0.005	< 0.01
A0970729	< 2	6	< 5	1.16	< 0.01	< 0.001	0.57	0.013	0.53	< 0.005	7.72	< 0.1	< 0.01	22.5	0.13	0.187	< 0.01	< 0.01	< 0.01	17.0	0.07	< 0.005	0.01
A0970730	< 2	6	< 5	1.15	< 0.01	< 0.001	0.50	0.013	0.54	< 0.005	7.85	< 0.1	< 0.01	22.9	0.12	0.200	< 0.01	< 0.01	< 0.01	16.9	0.06	< 0.005	< 0.01
A0970731	< 2	6	17	1.07	< 0.01	< 0.001	0.45	0.014	0.52	< 0.005	8.39	< 0.1	< 0.01	22.4	0.11	0.189	< 0.01	< 0.01	< 0.01	16.9	0.06	< 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				0.21			0.09	0.014	1.57	< 0.005				30.7	0.08	0.394	< 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
DTS-2b Meas				0.22			0.10	0.014	1.62	< 0.005				31.4	0.08	0.408	< 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					0.011					1.09	< 0.005	< 0.01			15.7		0.349	< 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 74a (Fusion) Meas					< 0.01			0.060	0.18	0.121	14.2					3.42		7.32		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.122	14.3					3.44		7.38		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		0.134	12.3							19.8	< 0.01				17.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.24		2.40			3.00	8.30			0.03			2.09	13.0		16.3		0.109	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.29		2.44			3.08	8.42			0.03			2.13	12.9		16.7		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											45.2				0.27					4.41	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.7				0.27					4.43	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.009	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.75									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.098																	
NCS DC86313 Cert						1																	

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
CZN-4 Meas				0.08	0.04			0.011		0.409							0.18	34.2		0.27			53.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.011		0.429							0.19	34.5		0.28			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.07	
W 106 Cert																						2.16	
W 106 Meas																						2.25	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.031		22.1	32.3			0.74	0.01		0.72	36.2	0.01				2.87
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
CCU-1e Meas				0.13	0.11			0.032		21.9	32.4			0.74	< 0.01		0.72	35.1	0.01				2.92
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	4730	2000	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1860	1640	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970702 Orig				0.33	< 0.01	< 0.001	0.21	0.009	0.10	< 0.005	3.99	< 0.1	< 0.01	25.3	0.06	0.293	< 0.01	0.05	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970702 Dup				0.33	< 0.01	< 0.001	0.18	0.009	0.10	< 0.005	3.99	< 0.1	< 0.01	25.3	0.06	0.294	< 0.01	0.05	< 0.01	15.6	0.02	< 0.005	< 0.01
A0970705 Orig	< 2	< 5	< 5																				
A0970705 Dup	< 2	< 5	< 5																				
A0970711 Orig				2.63	< 0.01	< 0.001	4.88	0.011	0.42	< 0.005	7.66	< 0.1	< 0.01	17.4	0.13	0.144	< 0.01	0.01	< 0.01	18.2	0.15	< 0.005	< 0.01
A0970711 Dup				2.62	< 0.01	< 0.001	4.83	0.011	0.41	< 0.005	7.63	< 0.1	< 0.01	17.4	0.13	0.143	< 0.01	< 0.01	< 0.01	18.1	0.15	< 0.005	< 0.01
A0970716 Orig	< 2	6	< 5																				
A0970716 Dup	< 2	6	8																				
A0970721 Orig				6.72	< 0.01	< 0.001	3.73	0.002	0.01	< 0.005	3.51	2.0	< 0.01	1.91	0.06	< 0.005	< 0.01	0.03	< 0.01	28.5	0.29	< 0.005	< 0.01
A0970721 Dup				6.86	< 0.01	< 0.001	3.74	0.002	0.01	< 0.005	3.52	2.1	< 0.01	1.92	0.06	< 0.005	< 0.01	0.05	< 0.01	28.4	0.29	< 0.005	< 0.01
A0970726 Orig	< 2	14	22																				
A0970726 Dup	< 2	14	17																				
A0970731 Orig				1.07	< 0.01	< 0.001	0.43	0.014	0.52	< 0.005	8.39	< 0.1	< 0.01	22.5	0.11	0.190	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0970731 Dup				1.06	< 0.01	< 0.001	0.47	0.014	0.52	< 0.005	8.39	< 0.1	< 0.01	22.4	0.11	0.187	< 0.01	0.02	< 0.01	16.9	0.06	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.04	< 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	0.017	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04853**
Report Date: **29-May-20**
Date Submitted: **05-May-20**
Your Reference: **Crawford (CR20-C-C47)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-14 20:02:37

REPORT **A20-04853**

Notes:

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.: **A20-04853**
Report Date: **29-May-20**
Date Submitted: **05-May-20**
Your Reference: **Crawford (CR20-C-C47)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-27 12:26:09

REPORT **A20-04853**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11600	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.03	0.011	0.76	< 0.005	5.90	< 0.1	< 0.01	25.4	0.10	0.294	< 0.01	0.06	< 0.01	16.0	0.01	< 0.005	< 0.01
B11601	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.009	0.82	< 0.005	5.67	< 0.1	< 0.01	25.5	0.09	0.283	< 0.01	0.07	< 0.01	15.6	0.01	< 0.005	< 0.01
B11602	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.02	0.017	0.77	< 0.005	6.83	< 0.1	< 0.01	24.8	0.09	0.299	< 0.01	0.10	< 0.01	15.6	0.02	< 0.005	< 0.01
B11603	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.11	0.014	0.77	< 0.005	6.20	< 0.1	< 0.01	25.3	0.09	0.309	< 0.01	0.11	< 0.01	16.0	0.02	< 0.005	< 0.01
B11604	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.04	0.012	0.69	< 0.005	5.94	< 0.1	< 0.01	25.6	0.09	0.268	< 0.01	0.09	< 0.01	16.2	0.02	< 0.005	< 0.01
B11605	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.04	0.015	0.66	< 0.005	6.63	< 0.1	< 0.01	25.1	0.10	0.282	< 0.01	0.11	< 0.01	15.9	0.02	< 0.005	< 0.01
B11606	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.03	0.013	0.64	< 0.005	5.97	< 0.1	< 0.01	25.3	0.09	0.260	< 0.01	0.11	< 0.01	16.1	0.02	< 0.005	< 0.01
B11607	< 2	7	< 5	0.46	< 0.01	< 0.001	0.03	0.014	0.69	< 0.005	6.57	< 0.1	< 0.01	25.1	0.10	0.280	< 0.01	0.13	< 0.01	15.8	0.02	< 0.005	< 0.01
B11608	< 2	< 5	< 5	7.46	< 0.01	< 0.001	3.14	0.002	0.02	< 0.005	3.84	1.8	< 0.01	2.22	0.06	0.008	< 0.01	0.03	< 0.01	28.7	0.28	< 0.005	< 0.01
B11609	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.05	0.014	0.67	0.008	5.92	< 0.1	< 0.01	25.0	0.09	0.284	< 0.01	0.17	< 0.01	16.1	0.03	< 0.005	< 0.01
B11610	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.05	0.013	0.60	< 0.005	6.40	< 0.1	< 0.01	24.8	0.09	0.258	< 0.01	0.16	< 0.01	16.2	0.03	< 0.005	< 0.01
B11611	< 2	10	< 5	0.57	< 0.01	< 0.001	0.06	0.015	0.60	0.015	7.33	< 0.1	< 0.01	24.3	0.10	0.326	< 0.01	0.22	< 0.01	15.8	0.03	< 0.005	< 0.01
B11612	2	173	148	0.58	< 0.01	< 0.001	0.08	0.017	0.56	0.012	7.00	< 0.1	< 0.01	24.5	0.09	0.521	< 0.01	0.34	< 0.01	16.4	0.03	< 0.005	< 0.01
B11613	< 2	20	19	0.75	< 0.01	< 0.001	0.07	0.012	0.38	0.010	7.63	< 0.1	< 0.01	23.6	0.08	0.302	< 0.01	0.25	< 0.01	16.3	0.04	< 0.005	< 0.01
B11614	< 2	49	27	0.56	< 0.01	< 0.001	0.03	0.020	0.41	0.010	7.64	< 0.1	< 0.01	24.2	0.10	0.640	< 0.01	0.40	< 0.01	16.0	0.03	< 0.005	< 0.01
B11615	< 2	187	53	0.63	< 0.01	< 0.001	0.07	0.017	0.50	0.023	8.61	< 0.1	< 0.01	23.3	0.09	0.399	< 0.01	0.29	< 0.01	15.7	0.03	< 0.005	< 0.01
B11616	< 2	24	10	0.70	< 0.01	< 0.001	0.09	0.015	0.51	< 0.005	6.60	< 0.1	< 0.01	24.1	0.08	0.262	< 0.01	0.20	< 0.01	16.7	0.03	< 0.005	< 0.01
B11617	< 2	< 5	< 5	0.67	< 0.01	< 0.001	0.09	0.013	0.50	< 0.005	6.70	< 0.1	< 0.01	24.1	0.08	0.199	< 0.01	0.17	< 0.01	16.6	0.03	< 0.005	< 0.01
B11618	< 2	< 5	< 5	0.74	< 0.01	< 0.001	0.02	0.013	0.50	< 0.005	6.58	< 0.1	< 0.01	24.4	0.09	0.193	< 0.01	0.14	< 0.01	16.3	0.03	< 0.005	< 0.01
B11619	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.06	0.013	0.50	< 0.005	6.92	< 0.1	< 0.01	24.1	0.09	0.185	< 0.01	0.14	< 0.01	16.3	0.03	< 0.005	< 0.01
B11620	< 2	< 5	< 5	0.72	< 0.01	< 0.001	0.09	0.012	0.44	< 0.005	6.82	< 0.1	< 0.01	23.7	0.09	0.136	< 0.01	0.14	< 0.01	16.7	0.03	< 0.005	< 0.01
B11621	< 2	< 5	< 5	0.82	< 0.01	< 0.001	0.05	0.014	0.53	< 0.005	7.09	< 0.1	< 0.01	23.8	0.08	0.159	< 0.01	0.12	< 0.01	16.4	0.03	< 0.005	< 0.01
B11622	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.05	0.013	0.51	< 0.005	6.90	< 0.1	< 0.01	23.7	0.10	0.138	< 0.01	0.12	< 0.01	16.4	0.03	< 0.005	< 0.01
B11623	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.08	0.014	0.53	< 0.005	6.39	< 0.1	< 0.01	24.2	0.09	0.151	< 0.01	0.11	< 0.01	16.9	0.03	< 0.005	< 0.01
B11624	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.06	0.013	0.49	< 0.005	6.53	< 0.1	< 0.01	24.1	0.09	0.153	< 0.01	0.12	< 0.01	16.6	0.03	< 0.005	< 0.01
B11625	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.05	0.014	0.51	< 0.005	6.40	< 0.1	< 0.01	24.2	0.10	0.150	< 0.01	0.11	< 0.01	16.6	0.03	< 0.005	< 0.01
B11626	< 2	< 5	< 5	0.70	< 0.01	< 0.001	0.05	0.013	0.51	< 0.005	6.27	< 0.1	< 0.01	24.1	0.10	0.161	< 0.01	0.10	< 0.01	16.7	0.03	< 0.005	< 0.01
B11627	12	< 5	< 5	0.34	< 0.01	< 0.001	0.18	0.009	0.10	< 0.005	3.99	< 0.1	< 0.01	25.8	0.06	0.294	< 0.01	0.05	< 0.01	16.2	0.02	< 0.005	< 0.01
B11628	< 2	< 5	< 5	0.75	< 0.01	< 0.001	0.07	0.014	0.58	< 0.005	6.51	< 0.1	< 0.01	24.2	0.10	0.178	< 0.01	0.12	< 0.01	16.7	0.03	< 0.005	< 0.01
B11629	< 2	< 5	< 5	0.75	< 0.01	< 0.001	0.05	0.013	0.61	< 0.005	6.87	< 0.1	< 0.01	23.8	0.10	0.207	< 0.01	0.13	< 0.01	16.4	0.03	< 0.005	< 0.01
B11630	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.06	0.013	0.99	0.010	6.71	< 0.1	< 0.01	23.8	0.10	0.199	< 0.01	0.14	< 0.01	17.4	0.04	< 0.005	< 0.01
B11631	< 2	< 5	< 5	1.10	< 0.01	< 0.001	0.16	0.012	0.98	0.005	7.16	< 0.1	< 0.01	22.9	0.10	0.184	< 0.01	0.13	< 0.01	16.9	0.05	< 0.005	< 0.01
B11632	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.11	0.013	0.70	< 0.005	7.94	< 0.1	< 0.01	22.8	0.10	0.188	< 0.01	0.13	< 0.01	17.0	0.04	< 0.005	< 0.01
B11633	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.10	0.013	0.70	< 0.005	7.87	< 0.1	< 0.01	22.8	0.10	0.185	< 0.01	0.13	< 0.01	16.8	0.04	< 0.005	< 0.01
B11634	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.07	0.013	0.59	< 0.005	7.78	< 0.1	< 0.01	22.8	0.09	0.185	< 0.01	0.13	< 0.01	16.6	0.04	< 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				0.21			0.09	0.014	1.57	< 0.005				30.7	0.08	0.394	< 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
DTS-2b Meas				0.22			0.10	0.014	1.62	< 0.005				31.4	0.08	0.408	< 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					0.011					1.09	< 0.005	< 0.01			15.7		0.349	< 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 74a (Fusion) Meas					< 0.01			0.060	0.18	0.121	14.2					3.42		7.32		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.122	14.3					3.44		7.38		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		0.134	12.3							19.8	< 0.01				17.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.24		2.40			3.00	8.30			0.03			2.09	13.0		16.3		0.109	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.29		2.44			3.08	8.42			0.03			2.13	12.9		16.7		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											45.2				0.27					4.41	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.7				0.27					4.43	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.009	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.75									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.078																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.098																	
NCS DC86313 Cert						1																	

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
CZN-4 Meas				0.08	0.04			0.011		0.409							0.18	34.2		0.27			53.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.011		0.429							0.19	34.5		0.28			56.9
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.07	
W 106 Cert																						2.16	
W 106 Meas																						2.25	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.031		22.1	32.3			0.74	0.01		0.72	36.2	0.01				2.87
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
CCU-1e Meas				0.13	0.11			0.032		21.9	32.4			0.74	< 0.01		0.72	35.1	0.01				2.92
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	4580	1960	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1910	1690	229																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11609 Orig	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.03	0.014	0.66	0.008	5.90	< 0.1	< 0.01	25.0	0.09	0.283	< 0.01	0.18	< 0.01	16.0	0.03	< 0.005	< 0.01
B11609 Dup	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.07	0.014	0.67	0.008	5.94	< 0.1	< 0.01	24.9	0.09	0.284	< 0.01	0.15	< 0.01	16.3	0.03	< 0.005	0.01
B11619 Orig	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.08	0.013	0.50	< 0.005	6.93	< 0.1	< 0.01	24.1	0.09	0.186	< 0.01	0.14	< 0.01	16.4	0.03	< 0.005	< 0.01
B11619 Dup	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.04	0.012	0.50	< 0.005	6.91	< 0.1	< 0.01	24.0	0.09	0.183	< 0.01	0.13	< 0.01	16.3	0.03	< 0.005	< 0.01
B11629 Orig	< 2	< 5	< 5	0.75	< 0.01	< 0.001	0.05	0.012	0.61	< 0.005	6.91	< 0.1	< 0.01	23.9	0.10	0.206	< 0.01	0.13	< 0.01	16.4	0.03	< 0.005	< 0.01
B11629 Dup	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.04	0.013	0.61	< 0.005	6.84	< 0.1	< 0.01	23.8	0.10	0.207	< 0.01	0.13	< 0.01	16.4	0.03	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.04	< 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	0.017	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04881**
Report Date: **26-May-20**
Date Submitted: **06-May-20**
Your Reference: **Crawford (CR20-C-A119)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-25 13:46:16

REPORT **A20-04881**

Notes:

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.: **A20-04881**
Report Date: **26-May-20**
Date Submitted: **06-May-20**
Your Reference: **Crawford (CR20-C-A119)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-20 20:19:46

REPORT **A20-04881**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970732	< 2	17	20	1.18	< 0.01	< 0.001	0.76	0.014	0.52	< 0.005	8.16	< 0.1	< 0.01	22.4	0.12	0.180	< 0.01	< 0.01	< 0.01	17.7	0.10	< 0.005	< 0.01
A0970733	< 2	8	< 5	1.10	< 0.01	< 0.001	0.28	0.014	0.53	< 0.005	8.38	< 0.1	< 0.01	23.0	0.13	0.186	< 0.01	< 0.01	< 0.01	17.1	0.06	< 0.005	< 0.01
A0970734	< 2	6	< 5	1.16	< 0.01	< 0.001	0.20	0.015	0.49	< 0.005	8.11	< 0.1	< 0.01	22.7	0.13	0.175	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0970735	< 2	< 5	5	0.89	< 0.01	< 0.001	0.71	0.014	0.68	< 0.005	7.69	< 0.1	< 0.01	22.9	0.11	0.236	< 0.01	0.04	< 0.01	17.0	0.05	< 0.005	< 0.01
A0970736	< 2	< 5	5	1.25	< 0.01	< 0.001	0.33	0.013	0.52	< 0.005	7.33	< 0.1	< 0.01	23.2	0.11	0.190	< 0.01	0.02	< 0.01	17.3	0.10	< 0.005	< 0.01
A0970737	< 2	< 5	< 5	0.90	< 0.01	< 0.001	0.23	0.013	0.73	< 0.005	7.37	< 0.1	< 0.01	23.5	0.09	0.239	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0970738	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.22	0.013	0.72	< 0.005	7.18	< 0.1	< 0.01	24.3	0.10	0.238	< 0.01	0.05	< 0.01	17.4	0.05	< 0.005	< 0.01
A0970739	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.30	0.013	0.74	< 0.005	7.42	< 0.1	< 0.01	23.9	0.10	0.230	< 0.01	0.03	< 0.01	17.3	0.05	< 0.005	< 0.01
A0970740	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.20	0.012	0.75	< 0.005	6.36	< 0.1	< 0.01	23.8	0.10	0.251	< 0.01	0.05	< 0.01	17.2	0.05	< 0.005	< 0.01
A0970741	< 2	< 5	< 5	0.91	< 0.01	< 0.001	0.11	0.012	0.78	< 0.005	6.11	< 0.1	< 0.01	24.3	0.10	0.248	< 0.01	0.04	< 0.01	17.3	0.05	< 0.005	< 0.01
A0970742	11	< 5	< 5	0.36	< 0.01	< 0.001	0.28	0.010	0.10	< 0.005	4.34	< 0.1	< 0.01	26.3	0.07	0.291	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970743	< 2	< 5	< 5	0.88	< 0.01	< 0.001	0.12	0.012	0.70	< 0.005	6.43	< 0.1	< 0.01	24.0	0.09	0.237	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970744	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.47	0.014	0.70	< 0.005	7.16	< 0.1	< 0.01	24.0	0.11	0.244	< 0.01	0.04	< 0.01	16.2	0.04	< 0.005	< 0.01
A0970745	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.13	0.014	0.78	< 0.005	7.13	< 0.1	< 0.01	23.9	0.10	0.256	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970746	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.13	0.013	0.75	< 0.005	7.06	< 0.1	< 0.01	24.5	0.10	0.245	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970747	< 2	< 5	< 5	0.72	< 0.01	< 0.001	0.11	0.014	0.72	< 0.005	7.16	< 0.1	< 0.01	24.4	0.10	0.248	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970748	4	12	< 5	0.70	< 0.01	< 0.001	0.07	0.013	0.78	< 0.005	6.28	< 0.1	< 0.01	24.8	0.10	0.272	< 0.01	0.07	< 0.01	16.8	0.04	< 0.005	< 0.01
A0970749	< 2	< 5	< 5	0.74	< 0.01	< 0.001	0.06	0.013	0.81	< 0.005	6.19	< 0.1	< 0.01	24.7	0.10	0.265	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0970750	3	< 5	< 5	0.68	< 0.01	< 0.001	0.05	0.014	0.80	< 0.005	6.26	< 0.1	< 0.01	25.9	0.10	0.261	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0970751	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.08	0.013	0.78	< 0.005	6.25	< 0.1	< 0.01	24.9	0.09	0.255	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970752	2	< 5	< 5	0.79	< 0.01	< 0.001	0.10	0.013	0.83	< 0.005	6.38	< 0.1	< 0.01	25.1	0.09	0.264	< 0.01	0.05	< 0.01	17.3	0.04	< 0.005	< 0.01
A0970753	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.23	0.013	0.76	< 0.005	6.79	< 0.1	< 0.01	24.5	0.08	0.238	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970754	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.26	0.013	0.75	< 0.005	6.59	< 0.1	< 0.01	24.7	0.09	0.241	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0970755	3	< 5	< 5	0.72	< 0.01	< 0.001	0.18	0.013	0.80	< 0.005	5.90	< 0.1	< 0.01	25.1	0.10	0.252	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0970756	< 2	< 5	< 5	0.67	< 0.01	< 0.001	0.23	0.013	0.72	< 0.005	6.40	< 0.1	< 0.01	25.1	0.10	0.248	< 0.01	0.03	< 0.01	16.2	0.04	< 0.005	< 0.01
A0970757	3	6	5	0.58	< 0.01	< 0.001	0.03	0.013	0.71	< 0.005	6.37	< 0.1	< 0.01	25.2	0.10	0.261	< 0.01	0.04	< 0.01	16.4	0.03	< 0.005	< 0.01
A0970758	3	< 5	< 5	0.59	< 0.01	< 0.001	0.08	0.013	0.68	< 0.005	6.17	< 0.1	< 0.01	25.5	0.10	0.274	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0970759	4	5	< 5	0.56	< 0.01	< 0.001	0.05	0.013	0.74	< 0.005	6.19	< 0.1	< 0.01	25.3	0.10	0.266	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970760	3	< 5	< 5	0.60	< 0.01	< 0.001	0.10	0.013	0.71	< 0.005	5.93	< 0.1	< 0.01	25.2	0.10	0.256	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0970761	2	< 5	< 5	0.64	< 0.01	< 0.001	0.14	0.014	0.77	< 0.005	7.42	< 0.1	< 0.01	25.0	0.10	0.264	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0970762	11	20	10	0.60	< 0.01	< 0.001	0.19	0.013	0.74	< 0.005	5.99	< 0.1	< 0.01	26.3	0.10	0.273	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970763	3	< 5	< 5	0.61	< 0.01	< 0.001	0.05	0.014	0.76	< 0.005	6.97	< 0.1	< 0.01	25.5	0.11	0.251	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970764	< 2	< 5	< 5	6.82	< 0.01	< 0.001	5.53	0.003	0.04	< 0.005	3.29	1.6	< 0.01	3.18	0.06	0.013	< 0.01	0.03	< 0.01	28.2	0.24	< 0.005	< 0.01
A0970765	3	8	< 5	0.60	< 0.01	< 0.001	0.16	0.013	0.71	< 0.005	6.76	< 0.1	< 0.01	25.1	0.10	0.260	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970766	3	< 5	< 5	0.61	< 0.01	< 0.001	0.13	0.013	0.79	< 0.005	6.15	< 0.1	< 0.01	25.1	0.10	0.260	< 0.01	0.03	< 0.01	16.7	0.03	< 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				0.23			0.12	0.014	1.57	< 0.005				31.3	0.08	0.381	< 0.01		< 0.01	18.6			< 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					0.008					1.10	< 0.005	< 0.01			16.4		0.350	< 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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.122	14.5					3.22		7.44		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.165	0.08	0.427	33.6					10.8		26.3		6.14			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							20.4	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.36			3.01	8.54			0.03			2.06	13.1		16.3		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.424							0.19	34.0		0.28			55.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
OREAS 621 (Peroxide Fusion) Meas				6.85	< 0.01	< 0.001	2.03	0.003	< 0.01	0.373	3.74	2.3		0.51	0.06		1.32	4.50	0.01	28.0	0.18	< 0.005	5.00
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CDN-PGMS-27 Meas	4540	2040	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1970	1690	236																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b				1.92	0.19		3.13	0.158	0.03	0.340	29.7	0.4	< 0.01	2.61	0.07	11.9	< 0.01	22.7	< 0.01	9.51	0.06	< 0.005	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
(Fusion) Meas																							
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
A0970737 Orig				0.90	< 0.01	< 0.001	0.23	0.013	0.73	< 0.005	7.38	< 0.1	< 0.01	23.4	0.09	0.243	< 0.01	0.04	< 0.01	17.3	0.05	< 0.005	< 0.01
A0970737 Dup				0.91	< 0.01	< 0.001	0.24	0.013	0.72	< 0.005	7.36	< 0.1	< 0.01	23.7	0.09	0.235	< 0.01	0.04	< 0.01	17.5	0.05	< 0.005	< 0.01
A0970741 Orig	< 2	< 5	< 5																				
A0970741 Dup	< 2	< 5	< 5																				
A0970745 Orig				0.80	< 0.01	< 0.001	0.15	0.014	0.79	< 0.005	7.24	< 0.1	< 0.01	23.7	0.10	0.258	< 0.01	0.04	< 0.01	16.7	0.04	< 0.005	< 0.01
A0970745 Dup				0.79	< 0.01	< 0.001	0.10	0.014	0.76	< 0.005	7.02	< 0.1	< 0.01	24.1	0.10	0.253	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970751 Orig	< 2	< 5	< 5																				
A0970751 Dup	3	< 5	< 5																				
A0970760 Orig				0.60	< 0.01	< 0.001	0.10	0.013	0.71	< 0.005	5.95	< 0.1	< 0.01	25.4	0.10	0.257	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970760 Dup				0.59	< 0.01	< 0.001	0.09	0.013	0.71	< 0.005	5.91	< 0.1	< 0.01	24.9	0.10	0.256	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970761 Orig	2	< 5	< 5																				
A0970761 Dup	3	< 5	< 5																				
A0970766 Orig				0.60	< 0.01	< 0.001	0.13	0.013	0.80	< 0.005	6.10	< 0.1	< 0.01	25.1	0.10	0.263	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970766 Dup				0.61	< 0.01	< 0.001	0.13	0.013	0.78	< 0.005	6.19	< 0.1	< 0.01	25.2	0.10	0.256	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
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				0.05	< 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	0.012	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.033	< 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	0.006	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04882**
Report Date: **26-May-20**
Date Submitted: **06-May-20**
Your Reference: **Crawford (CR20-C-C48)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-25 13:46:16

REPORT **A20-04882**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-04882**
Report Date: **26-May-20**
Date Submitted: **06-May-20**
Your Reference: **Crawford (CR20-C-C48)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-20 20:19:46

REPORT **A20-04882**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11635	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.16	0.014	0.52	< 0.005	7.66	< 0.1	< 0.01	23.7	0.10	0.271	< 0.01	0.12	< 0.01	17.5	0.04	< 0.005	< 0.01
B11636	< 2	29	11	0.98	< 0.01	< 0.001	0.13	0.014	0.62	< 0.005	8.71	< 0.1	< 0.01	23.0	0.10	0.183	< 0.01	0.13	< 0.01	17.1	0.04	< 0.005	< 0.01
B11637	< 2	51	23	1.00	< 0.01	< 0.001	0.10	0.015	0.63	< 0.005	8.83	< 0.1	< 0.01	23.1	0.10	0.180	< 0.01	0.11	< 0.01	16.9	0.04	< 0.005	< 0.01
B11638	< 2	9	39	1.06	< 0.01	< 0.001	0.11	0.015	0.63	< 0.005	8.71	< 0.1	< 0.01	23.1	0.11	0.173	< 0.01	0.11	< 0.01	17.0	0.04	< 0.005	< 0.01
B11639	< 2	14	23	1.25	< 0.01	< 0.001	1.20	0.014	0.60	< 0.005	8.16	< 0.1	< 0.01	22.1	0.11	0.145	< 0.01	0.10	< 0.01	17.5	0.05	< 0.005	< 0.01
B11640	< 2	< 5	< 5	1.21	< 0.01	< 0.001	0.23	0.015	0.61	< 0.005	8.15	< 0.1	< 0.01	23.3	0.11	0.153	< 0.01	0.10	< 0.01	17.3	0.06	< 0.005	< 0.01
B11641	< 2	< 5	< 5	1.21	< 0.01	< 0.001	0.19	0.016	0.63	< 0.005	8.42	< 0.1	< 0.01	23.7	0.11	0.167	< 0.01	0.10	< 0.01	18.0	0.07	< 0.005	< 0.01
B11642	< 2	< 5	< 5	1.17	< 0.01	< 0.001	0.31	0.015	0.64	0.006	7.84	< 0.1	< 0.01	23.3	0.11	0.155	< 0.01	0.09	< 0.01	17.7	0.06	< 0.005	< 0.01
B11643	< 2	< 5	< 5	1.22	< 0.01	< 0.001	0.57	0.014	0.48	< 0.005	7.54	< 0.1	< 0.01	23.0	0.11	0.157	< 0.01	0.10	< 0.01	17.4	0.04	< 0.005	< 0.01
B11644	< 2	< 5	< 5	1.23	< 0.01	< 0.001	0.73	0.014	0.57	< 0.005	6.80	< 0.1	< 0.01	23.1	0.11	0.161	< 0.01	0.10	< 0.01	18.1	0.04	< 0.005	< 0.01
B11645	< 2	< 5	< 5	1.34	< 0.01	< 0.001	0.67	0.014	0.63	< 0.005	7.26	< 0.1	< 0.01	22.8	0.12	0.154	< 0.01	0.09	< 0.01	18.1	0.04	< 0.005	< 0.01
B11646	< 2	< 5	< 5	1.15	< 0.01	< 0.001	0.71	0.014	0.59	< 0.005	7.07	< 0.1	< 0.01	22.7	0.12	0.145	< 0.01	0.10	< 0.01	17.6	0.04	< 0.005	< 0.01
B11647	< 2	< 5	< 5	7.25	< 0.01	< 0.001	4.07	0.003	0.02	< 0.005	4.23	1.7	< 0.01	2.06	0.07	0.007	< 0.01	0.02	< 0.01	29.3	0.32	< 0.005	< 0.01
B11648	< 2	< 5	< 5	1.27	< 0.01	< 0.001	0.56	0.014	0.49	< 0.005	8.32	< 0.1	< 0.01	22.9	0.12	0.148	< 0.01	0.08	< 0.01	17.6	0.05	< 0.005	< 0.01
B11649	< 2	13	< 5	1.19	< 0.01	< 0.001	0.87	0.014	0.62	< 0.005	7.71	< 0.1	< 0.01	22.4	0.12	0.146	< 0.01	0.09	< 0.01	17.4	0.04	< 0.005	< 0.01
B11650	< 2	< 5	< 5	1.20	< 0.01	< 0.001	0.94	0.014	0.53	< 0.005	8.28	< 0.1	< 0.01	22.0	0.12	0.133	< 0.01	0.09	< 0.01	17.5	0.04	< 0.005	< 0.01
B11651	< 2	< 5	< 5	1.24	< 0.01	< 0.001	0.57	0.014	0.34	< 0.005	7.89	< 0.1	< 0.01	22.3	0.11	0.127	< 0.01	0.09	< 0.01	17.3	0.04	< 0.005	< 0.01
B11652	< 2	34	26	1.30	< 0.01	< 0.001	0.88	0.015	0.50	< 0.005	8.93	< 0.1	< 0.01	21.7	0.12	0.129	< 0.01	0.08	< 0.01	17.4	0.04	< 0.005	< 0.01
B11653	< 2	< 5	24	2.00	< 0.01	< 0.001	2.33	0.014	0.53	< 0.005	7.89	< 0.1	< 0.01	20.6	0.13	0.104	< 0.01	0.09	< 0.01	17.8	0.11	< 0.005	< 0.01
B11654	< 2	< 5	8	1.29	< 0.01	< 0.001	1.70	0.015	0.41	< 0.005	8.52	< 0.1	< 0.01	21.2	0.13	0.090	< 0.01	0.06	< 0.01	18.0	0.08	< 0.005	< 0.01
B11655	50	71	96	1.59	< 0.01	< 0.001	7.26	0.013	0.31	0.040	7.28	< 0.1	< 0.01	16.4	0.13	0.062	< 0.01	0.07	< 0.01	20.2	0.07	< 0.005	< 0.01
B11656	56	< 5	33	2.29	< 0.01	< 0.001	12.0	0.007	0.41	0.033	5.32	< 0.1	< 0.01	11.5	0.13	0.028	< 0.01	0.04	< 0.01	24.3	0.14	< 0.005	< 0.01
B11657	57	33	44	1.99	< 0.01	< 0.001	11.1	0.007	0.37	0.038	5.38	< 0.1	< 0.01	11.9	0.13	0.031	< 0.01	0.25	< 0.01	24.0	0.12	< 0.005	< 0.01
B11658	37	< 5	9	2.34	< 0.01	< 0.001	11.4	0.006	0.37	0.035	5.09	< 0.1	< 0.01	11.0	0.13	0.025	< 0.01	0.02	< 0.01	23.9	0.12	< 0.005	< 0.01
B11659	24	< 5	13	2.34	< 0.01	< 0.001	11.0	0.006	0.37	0.034	5.11	< 0.1	< 0.01	11.3	0.12	0.024	< 0.01	0.03	< 0.01	25.0	0.11	< 0.005	< 0.01
B11660	14	< 5	10	2.31	< 0.01	< 0.001	10.6	0.006	0.37	0.038	4.99	< 0.1	< 0.01	11.3	0.12	0.024	< 0.01	0.06	< 0.01	24.9	0.11	< 0.005	< 0.01
B11661	16	< 5	9	2.23	< 0.01	< 0.001	10.9	0.006	0.38	0.037	5.05	< 0.1	< 0.01	11.3	0.13	0.024	< 0.01	0.11	< 0.01	24.9	0.11	< 0.005	< 0.01
B11662	16	< 5	< 5	2.35	< 0.01	< 0.001	10.5	0.006	0.36	0.040	5.17	< 0.1	< 0.01	11.4	0.13	0.025	< 0.01	0.14	< 0.01	24.5	0.11	< 0.005	< 0.01
B11663	14	< 5	< 5	2.21	< 0.01	< 0.001	10.8	0.007	0.32	0.058	5.22	< 0.1	< 0.01	11.2	0.13	0.033	< 0.01	0.22	< 0.01	24.8	0.10	< 0.005	< 0.01
B11664	13	< 5	< 5	2.23	< 0.01	< 0.001	10.7	0.007	0.32	0.059	5.18	< 0.1	< 0.01	11.0	0.12	0.033	< 0.01	0.25	< 0.01	24.8	0.10	< 0.005	< 0.01
B11665	6	< 5	< 5	2.21	< 0.01	< 0.001	11.0	0.007	0.33	0.037	5.20	< 0.1	< 0.01	11.5	0.12	0.028	< 0.01	0.18	< 0.01	24.3	0.09	< 0.005	< 0.01
B11666	10	< 5	< 5	2.56	< 0.01	< 0.001	10.7	0.007	0.33	0.033	5.17	< 0.1	< 0.01	10.9	0.12	0.024	< 0.01	0.11	< 0.01	23.9	0.11	< 0.005	< 0.01
B11667	4	< 5	< 5	6.48	< 0.01	< 0.001	9.53	0.006	0.22	0.023	4.76	0.2	< 0.01	9.73	0.10	0.021	< 0.01	0.07	< 0.01	22.7	0.09	< 0.005	< 0.01
B11668	4	< 5	< 5	5.55	< 0.01	< 0.001	10.7	0.006	0.25	0.044	4.91	< 0.1	< 0.01	10.1	0.10	0.023	< 0.01	0.11	< 0.01	23.1	0.09	< 0.005	< 0.01
B11669	12	< 5	< 5	0.35	< 0.01	< 0.001	0.28	0.010	0.10	< 0.005	4.18	< 0.1	< 0.01	25.7	0.06	0.279	< 0.01	0.06	< 0.01	16.4	0.02	< 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				0.23			0.12	0.014	1.57	< 0.005				31.3	0.08	0.381	< 0.01		< 0.01	18.6			< 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					0.008					1.10	< 0.005	< 0.01			16.4		0.350	< 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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.122	14.5					3.22		7.44		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.165	0.08	0.427	33.6					10.8		26.3		6.14			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							20.4	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.36			3.01	8.54			0.03			2.06	13.1		16.3		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.424							0.19	34.0		0.28			55.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
OREAS 621 (Peroxide Fusion) Meas				6.85	< 0.01	< 0.001	2.03	0.003	< 0.01	0.373	3.74	2.3		0.51	0.06		1.32	4.50	0.01	28.0	0.18	< 0.005	5.00
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CDN-PGMS-27 Meas	4680	1910	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1890	1630	225																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b				1.92	0.19		3.13	0.158	0.03	0.340	29.7	0.4	< 0.01	2.61	0.07	11.9	< 0.01	22.7	< 0.01	9.51	0.06	< 0.005	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
(Fusion) Meas																							
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
B11644 Orig	< 2	< 5	< 5																				
B11644 Dup	< 2	< 5	< 5																				
B11650 Orig				1.20	< 0.01	< 0.001	0.94	0.014	0.53	< 0.005	8.27	< 0.1	< 0.01	22.1	0.12	0.131	< 0.01	0.08	< 0.01	17.5	0.04	< 0.005	< 0.01
B11650 Dup				1.20	< 0.01	< 0.001	0.94	0.014	0.53	< 0.005	8.29	< 0.1	< 0.01	21.9	0.12	0.135	< 0.01	0.10	< 0.01	17.6	0.04	< 0.005	< 0.01
B11654 Orig	< 2	< 5	7																				
B11654 Dup	< 2	< 5	8																				
B11656 Orig				2.32	< 0.01	< 0.001	12.2	0.007	0.41	0.033	5.42	< 0.1	< 0.01	11.7	0.13	0.028	< 0.01	0.04	< 0.01	24.6	0.14	< 0.005	< 0.01
B11656 Dup				2.25	< 0.01	< 0.001	11.7	0.007	0.41	0.033	5.23	< 0.1	< 0.01	11.3	0.12	0.027	< 0.01	0.04	< 0.01	23.9	0.13	< 0.005	< 0.01
B11664 Orig	14	< 5	< 5																				
B11664 Dup	12	< 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				0.05	< 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	0.012	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.033	< 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	0.006	< 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	< 2	< 5	< 5																				
Method Blank	3	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04925**
Report Date: **27-May-20**
Date Submitted: **07-May-20**
Your Reference: **Crawford (CR20-C-C49)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-20 20:19:46

REPORT **A20-04925**

Notes:

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.: **A20-04925**
Report Date: **27-May-20**
Date Submitted: **07-May-20**
Your Reference: **Crawford (CR20-C-C49)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-26 12:47:15

REPORT **A20-04925**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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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
B11670	< 2	< 5	< 5	9.55	< 0.01	< 0.001	9.60	0.005	0.12	0.006	4.10	0.2	< 0.01	7.42	0.08	0.011	< 0.01	0.01	< 0.01	22.3	0.06	< 0.005	< 0.01
B11671	< 2	< 5	< 5	8.74	< 0.01	< 0.001	9.48	0.005	0.11	< 0.005	4.01	0.2	< 0.01	7.51	0.09	0.011	< 0.01	0.03	< 0.01	22.6	0.07	< 0.005	< 0.01
B11672	< 2	< 5	< 5	9.42	< 0.01	< 0.001	9.73	0.005	0.09	0.013	3.92	0.2	< 0.01	7.21	0.08	0.011	< 0.01	0.02	< 0.01	23.0	0.07	< 0.005	< 0.01
B11673	< 2	< 5	< 5	9.40	< 0.01	< 0.001	9.30	0.005	0.08	0.015	3.92	0.1	< 0.01	7.05	0.08	0.013	< 0.01	0.04	< 0.01	22.6	0.07	< 0.005	< 0.01
B11674	< 2	< 5	< 5	9.46	< 0.01	< 0.001	9.49	0.004	0.07	0.014	3.67	0.1	< 0.01	6.56	0.08	0.009	< 0.01	0.02	< 0.01	22.6	0.07	< 0.005	< 0.01
B11675	< 2	< 5	< 5	9.24	< 0.01	< 0.001	9.15	0.005	0.08	0.009	3.90	0.1	< 0.01	7.32	0.08	0.012	< 0.01	0.06	< 0.01	22.8	0.07	< 0.005	< 0.01
B11676	< 2	< 5	< 5	9.30	< 0.01	< 0.001	9.57	0.004	0.10	0.009	4.10	0.2	< 0.01	7.19	0.09	0.009	< 0.01	0.02	< 0.01	22.7	0.08	< 0.005	< 0.01
B11677	8	< 5	< 5	5.37	< 0.01	< 0.001	10.4	0.006	0.25	0.029	4.56	< 0.1	< 0.01	9.84	0.11	0.021	< 0.01	0.06	< 0.01	24.3	0.09	< 0.005	< 0.01
B11678	7	< 5	< 5	6.31	< 0.01	< 0.001	9.16	0.007	0.20	0.032	5.05	0.2	< 0.01	9.49	0.10	0.022	< 0.01	0.20	< 0.01	23.2	0.10	< 0.005	< 0.01
B11679	< 2	< 5	< 5	9.59	< 0.01	< 0.001	9.92	0.004	0.12	0.010	3.81	0.3	< 0.01	6.91	0.09	0.009	< 0.01	0.02	< 0.01	22.4	0.08	< 0.005	< 0.01
B11680	3	< 5	< 5	9.58	< 0.01	< 0.001	9.89	0.004	0.12	0.010	3.82	0.3	< 0.01	6.92	0.09	0.009	< 0.01	0.04	< 0.01	22.5	0.08	< 0.005	< 0.01
B11681	< 2	< 5	< 5	8.79	< 0.01	< 0.001	9.21	0.005	0.12	0.005	3.85	0.3	< 0.01	7.43	0.09	0.009	< 0.01	0.05	< 0.01	23.0	0.08	< 0.005	< 0.01
B11682	< 2	< 5	< 5	9.19	< 0.01	< 0.001	9.55	0.004	0.11	0.006	3.93	0.3	< 0.01	7.14	0.08	0.009	< 0.01	0.01	< 0.01	22.5	0.08	< 0.005	< 0.01
B11683	< 2	< 5	< 5	9.21	< 0.01	< 0.001	9.78	0.004	0.11	0.008	3.90	0.2	< 0.01	6.79	0.08	0.009	< 0.01	0.04	< 0.01	22.7	0.08	< 0.005	< 0.01
B11684	< 2	< 5	< 5	9.40	< 0.01	< 0.001	8.90	0.004	0.08	0.010	3.72	0.3	< 0.01	7.16	0.08	0.010	< 0.01	0.02	< 0.01	22.4	0.08	< 0.005	< 0.01
B11685	< 2	< 5	< 5	9.30	< 0.01	< 0.001	9.39	0.004	0.07	0.010	3.52	0.3	< 0.01	6.95	0.08	0.009	< 0.01	0.02	< 0.01	22.7	0.09	< 0.005	< 0.01
B11686	< 2	< 5	< 5	9.42	< 0.01	< 0.001	8.67	0.005	0.07	0.010	3.73	0.3	< 0.01	7.55	0.08	0.010	< 0.01	0.02	< 0.01	22.4	0.08	< 0.005	< 0.01
B11687	< 2	< 5	< 5	9.34	< 0.01	< 0.001	9.33	0.004	0.07	0.011	3.75	0.3	< 0.01	7.11	0.08	0.009	< 0.01	0.03	< 0.01	22.8	0.08	< 0.005	< 0.01
B11688	< 2	< 5	< 5	9.27	< 0.01	< 0.001	9.07	0.004	0.05	0.019	3.72	0.4	< 0.01	6.77	0.08	0.008	< 0.01	0.05	< 0.01	23.5	0.07	< 0.005	< 0.01
B11689	< 2	< 5	< 5	9.52	< 0.01	< 0.001	8.37	0.005	0.04	0.013	4.46	0.3	< 0.01	7.24	0.10	0.009	< 0.01	0.07	< 0.01	22.5	0.07	< 0.005	< 0.01
B11690	< 2	< 5	< 5	8.76	< 0.01	< 0.001	9.43	0.004	0.04	0.010	4.16	0.2	< 0.01	6.76	0.10	0.006	< 0.01	0.04	< 0.01	23.0	0.08	< 0.005	< 0.01
B11691	< 2	< 5	< 5	8.92	< 0.01	< 0.001	9.21	0.005	0.05	0.014	4.51	0.1	< 0.01	7.08	0.10	0.015	< 0.01	0.08	< 0.01	22.6	0.08	< 0.005	< 0.01
B11692	< 2	< 5	< 5	8.96	< 0.01	< 0.001	9.85	0.005	0.04	0.015	4.19	0.2	< 0.01	6.61	0.10	0.008	< 0.01	0.06	< 0.01	23.3	0.08	< 0.005	< 0.01
B11693	12	< 5	< 5	0.37	< 0.01	< 0.001	0.27	0.010	0.10	< 0.005	4.41	< 0.1	< 0.01	27.0	0.07	0.297	< 0.01	0.07	< 0.01	17.4	0.02	< 0.005	< 0.01
B11694	< 2	< 5	< 5	8.48	< 0.01	< 0.001	8.56	0.005	0.05	0.014	4.88	0.2	< 0.01	7.47	0.10	0.013	< 0.01	0.09	< 0.01	23.1	0.08	< 0.005	< 0.01
B11695	< 2	< 5	< 5	7.14	< 0.01	< 0.001	8.55	0.006	0.03	0.014	4.84	0.1	< 0.01	8.67	0.12	0.009	< 0.01	0.02	< 0.01	23.4	0.08	< 0.005	< 0.01
B11696	< 2	< 5	< 5	6.49	< 0.01	< 0.001	9.71	0.006	0.05	0.022	4.85	0.1	< 0.01	8.83	0.12	0.013	< 0.01	0.05	< 0.01	23.9	0.07	< 0.005	< 0.01
B11697	< 2	< 5	< 5	5.67	< 0.01	< 0.001	9.62	0.006	0.06	0.022	5.34	0.1	< 0.01	9.19	0.13	0.011	< 0.01	0.07	< 0.01	24.3	0.09	< 0.005	< 0.01
B11698	< 2	< 5	< 5	6.02	< 0.01	< 0.001	8.62	0.006	0.04	0.018	5.43	0.1	< 0.01	9.54	0.14	0.009	< 0.01	0.04	< 0.01	24.1	0.09	< 0.005	< 0.01
B11699	< 2	< 5	< 5	6.67	< 0.01	< 0.001	8.46	0.006	0.04	0.013	5.23	0.2	< 0.01	8.82	0.12	0.011	< 0.01	0.02	< 0.01	24.2	0.09	< 0.005	< 0.01
B11700	2	< 5	< 5	8.32	< 0.01	< 0.001	8.39	0.006	0.03	0.013	5.40	0.2	< 0.01	8.74	0.12	0.010	< 0.01	0.02	< 0.01	23.1	0.09	< 0.005	< 0.01
B11701	< 2	< 5	< 5	8.62	< 0.01	< 0.001	9.19	0.005	0.02	0.013	4.39	0.3	< 0.01	7.27	0.10	0.009	< 0.01	0.04	< 0.01	23.4	0.07	< 0.005	< 0.01
B11702	< 2	< 5	< 5	7.16	< 0.01	< 0.001	5.15	0.002	0.01	< 0.005	3.52	1.7	< 0.01	2.04	0.06	< 0.005	< 0.01	0.05	< 0.01	28.8	0.27	< 0.005	< 0.01
B11703	< 2	< 5	< 5	7.72	< 0.01	< 0.001	9.83	0.005	0.03	0.017	4.70	0.2	< 0.01	7.75	0.11	0.011	< 0.01	0.03	< 0.01	23.1	0.07	< 0.005	< 0.01
B11704	2	6	6	2.36	< 0.01	< 0.001	11.0	0.007	0.12	0.040	6.31	< 0.1	< 0.01	11.1	0.15	0.015	< 0.01	0.22	< 0.01	25.6	0.11	< 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				0.23			0.12	0.014	1.57	< 0.005				31.3	0.08	0.381	< 0.01		< 0.01	18.6			< 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					0.008					1.10	< 0.005	< 0.01			16.4		0.350	< 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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.122	14.5					3.22		7.44		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.165	0.08	0.427	33.6					10.8		26.3		6.14			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							20.4	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.36			3.01	8.54			0.03			2.06	13.1		16.3		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.424							0.19	34.0		0.28			55.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
OREAS 621 (Peroxide Fusion) Meas				6.85	< 0.01	< 0.001	2.03	0.003	< 0.01	0.373	3.74	2.3		0.51	0.06		1.32	4.50	0.01	28.0	0.18	< 0.005	5.00
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CDN-PGMS-27 Meas	5060	1930	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1890	1670	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b				1.92	0.19		3.13	0.158	0.03	0.340	29.7	0.4	< 0.01	2.61	0.07	11.9	< 0.01	22.7	< 0.01	9.51	0.06	< 0.005	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
(Fusion) Meas																							
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
B11676 Orig				9.19	< 0.01	< 0.001	9.55	0.004	0.10	0.009	4.10	0.2	< 0.01	7.21	0.09	0.009	0.01	0.03	< 0.01	22.7	0.08	< 0.005	< 0.01
B11676 Dup				9.41	< 0.01	< 0.001	9.58	0.004	0.10	0.009	4.09	0.2	< 0.01	7.18	0.09	0.010	< 0.01	0.02	< 0.01	22.8	0.08	< 0.005	< 0.01
B11679 Orig	< 2	< 5	< 5																				
B11679 Dup	4	< 5	< 5																				
B11683 Orig				9.13	< 0.01	< 0.001	9.75	0.005	0.11	0.008	3.89	0.2	< 0.01	6.81	0.08	0.009	< 0.01	0.04	< 0.01	22.7	0.08	< 0.005	< 0.01
B11683 Dup				9.29	< 0.01	< 0.001	9.82	0.004	0.11	0.008	3.91	0.3	< 0.01	6.77	0.08	0.009	< 0.01	0.04	< 0.01	22.8	0.08	< 0.005	< 0.01
B11689 Orig	< 2	< 5	< 5																				
B11689 Dup	< 2	< 5	< 5																				
B11698 Orig				5.97	< 0.01	< 0.001	8.59	0.006	0.04	0.018	5.42	0.1	< 0.01	9.52	0.13	0.009	< 0.01	0.04	< 0.01	23.9	0.09	< 0.005	< 0.01
B11698 Dup				6.07	< 0.01	< 0.001	8.66	0.006	0.04	0.018	5.43	0.1	< 0.01	9.56	0.14	0.009	< 0.01	0.04	< 0.01	24.2	0.09	< 0.005	< 0.01
B11699 Orig	< 2	< 5	< 5																				
B11699 Dup	< 2	< 5	< 5																				
B11704 Orig				2.40	< 0.01	< 0.001	11.1	0.007	0.12	0.040	6.38	< 0.1	< 0.01	11.2	0.16	0.015	< 0.01	0.22	< 0.01	25.8	0.11	< 0.005	< 0.01
B11704 Dup				2.32	< 0.01	< 0.001	10.9	0.007	0.12	0.040	6.23	< 0.1	< 0.01	10.9	0.15	0.015	< 0.01	0.22	< 0.01	25.3	0.11	< 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				0.05	< 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	0.012	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.033	< 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	0.006	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04926**
Report Date: **27-May-20**
Date Submitted: **07-May-20**
Your Reference: **Crawford (CR20-C-A120)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-20 20:19:46

REPORT **A20-04926**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-04926**
Report Date: **27-May-20**
Date Submitted: **07-May-20**
Your Reference: **Crawford (CR20-C-A120)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-26 12:47:15

REPORT **A20-04926**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0970767	9	< 5	< 5	0.71	< 0.01	< 0.001	0.18	0.013	1.07	< 0.005	6.39	< 0.1	< 0.01	24.5	0.10	0.240	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970768	2	< 5	< 5	0.57	< 0.01	< 0.001	0.11	0.013	0.69	< 0.005	6.14	< 0.1	< 0.01	25.0	0.10	0.260	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0970769	3	< 5	< 5	0.67	< 0.01	< 0.001	0.25	0.015	1.01	< 0.005	8.38	< 0.1	< 0.01	23.4	0.11	0.267	< 0.01	0.06	< 0.01	15.9	0.03	< 0.005	< 0.01
A0970770	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.37	0.012	0.62	< 0.005	5.96	< 0.1	< 0.01	25.1	0.09	0.269	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0970771	12	< 5	< 5	0.36	< 0.01	< 0.001	0.27	0.010	0.10	< 0.005	4.25	< 0.1	< 0.01	26.0	0.06	0.288	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970772	3	< 5	< 5	0.61	< 0.01	< 0.001	0.18	0.013	0.70	< 0.005	6.71	< 0.1	< 0.01	25.9	0.10	0.268	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970773	3	< 5	< 5	0.52	< 0.01	< 0.001	0.15	0.012	0.63	< 0.005	5.51	< 0.1	< 0.01	25.3	0.09	0.260	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0970774	5	< 5	< 5	0.52	< 0.01	< 0.001	0.18	0.013	0.80	< 0.005	5.91	< 0.1	< 0.01	25.2	0.10	0.267	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970775	3	< 5	< 5	0.63	< 0.01	< 0.001	0.32	0.013	0.77	< 0.005	6.07	< 0.1	< 0.01	24.6	0.10	0.256	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0970776	3	< 5	< 5	0.50	< 0.01	< 0.001	< 0.01	0.014	0.67	< 0.005	6.36	< 0.1	< 0.01	25.1	0.10	0.277	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970777	39	< 5	12	0.52	< 0.01	< 0.001	0.03	0.013	0.72	< 0.005	7.87	< 0.1	< 0.01	24.0	0.10	0.292	< 0.01	0.02	< 0.01	16.0	0.03	< 0.005	< 0.01
A0970778	6	< 5	< 5	0.47	< 0.01	< 0.001	0.09	0.012	0.53	< 0.005	5.75	< 0.1	< 0.01	24.8	0.09	0.271	< 0.01	0.01	< 0.01	17.2	0.03	< 0.005	< 0.01
A0970779	7	< 5	< 5	0.44	< 0.01	< 0.001	0.52	0.014	0.53	< 0.005	6.08	< 0.1	< 0.01	24.7	0.10	0.255	< 0.01	< 0.01	< 0.01	16.3	0.03	< 0.005	< 0.01
A0970780	3	< 5	< 5	0.44	< 0.01	< 0.001	0.46	0.013	0.54	< 0.005	6.13	< 0.1	< 0.01	24.6	0.10	0.260	< 0.01	0.01	< 0.01	16.4	0.03	< 0.005	< 0.01
A0970781	4	< 5	< 5	0.44	< 0.01	< 0.001	0.06	0.012	0.50	< 0.005	5.64	< 0.1	< 0.01	25.0	0.09	0.259	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970782	7	< 5	< 5	0.44	< 0.01	< 0.001	0.03	0.012	0.55	< 0.005	6.32	< 0.1	< 0.01	24.5	0.09	0.277	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970783	3	< 5	< 5	0.46	< 0.01	< 0.001	0.05	0.012	0.56	< 0.005	5.88	< 0.1	< 0.01	24.8	0.09	0.272	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970784	4	< 5	< 5	0.78	< 0.01	< 0.001	0.05	0.013	0.56	< 0.005	7.35	< 0.1	< 0.01	24.3	0.10	0.264	< 0.01	0.02	< 0.01	16.4	0.03	< 0.005	< 0.01
A0970785	3	< 5	< 5	0.39	< 0.01	< 0.001	< 0.01	0.014	0.55	< 0.005	10.0	< 0.1	< 0.01	23.6	0.09	0.308	< 0.01	0.02	< 0.01	15.3	0.02	< 0.005	< 0.01
A0970786	4	< 5	< 5	0.38	< 0.01	< 0.001	0.03	0.012	0.61	< 0.005	5.68	< 0.1	< 0.01	25.0	0.09	0.285	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970787	3	< 5	< 5	0.44	< 0.01	< 0.001	0.03	0.012	0.62	< 0.005	5.16	< 0.1	< 0.01	25.3	0.09	0.274	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970788	2	< 5	< 5	0.38	< 0.01	< 0.001	< 0.01	0.012	0.64	< 0.005	5.81	< 0.1	< 0.01	25.5	0.09	0.280	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970789	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.05	0.012	0.62	< 0.005	5.75	< 0.1	< 0.01	24.9	0.08	0.256	< 0.01	0.05	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970790	3	< 5	< 5	7.12	< 0.01	< 0.001	3.61	< 0.002	0.02	< 0.005	3.09	1.7	< 0.01	2.01	0.05	< 0.005	< 0.01	< 0.01	< 0.01	30.8	0.25	< 0.005	< 0.01
A0970791	3	< 5	< 5	0.36	< 0.01	< 0.001	0.02	0.013	0.53	< 0.005	10.9	< 0.1	< 0.01	23.2	0.09	0.270	< 0.01	0.01	< 0.01	15.4	0.02	< 0.005	< 0.01
A0970792	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.02	0.012	0.60	< 0.005	5.89	< 0.1	< 0.01	25.0	0.09	0.279	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970793	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.03	0.013	0.58	< 0.005	5.89	< 0.1	< 0.01	25.1	0.10	0.271	< 0.01	0.01	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970794	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.01	0.011	0.59	< 0.005	5.33	< 0.1	< 0.01	25.5	0.09	0.268	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970795	6	< 5	< 5	0.31	< 0.01	< 0.001	0.03	0.011	0.57	< 0.005	5.18	< 0.1	< 0.01	25.3	0.09	0.266	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970796	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.01	0.011	0.55	< 0.005	4.30	< 0.1	< 0.01	25.8	0.09	0.264	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970797	2	19	< 5	0.36	< 0.01	< 0.001	< 0.01	0.011	0.53	< 0.005	5.64	< 0.1	< 0.01	25.3	0.08	0.386	< 0.01	0.05	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970798	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.03	0.012	0.57	< 0.005	5.21	< 0.1	< 0.01	25.5	0.09	0.349	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
A0970799	< 2	< 5	< 5	0.34	< 0.01	< 0.001	< 0.01	0.012	0.64	< 0.005	6.11	< 0.1	< 0.01	25.0	0.09	0.289	< 0.01	0.03	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970800	< 2	11	< 5	0.30	< 0.01	< 0.001	0.09	0.013	0.62	< 0.005	5.88	< 0.1	< 0.01	25.6	0.08	0.278	< 0.01	0.07	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970801	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.04	0.012	0.70	< 0.005	5.59	< 0.1	< 0.01	25.7	0.08	0.294	< 0.01	0.04	< 0.01	16.3	0.01	< 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				0.23			0.12	0.014	1.57	< 0.005				31.3	0.08	0.381	< 0.01		< 0.01	18.6			< 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					0.008					1.10	< 0.005	< 0.01			16.4		0.350	< 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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.122	14.5					3.22		7.44		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.165	0.08	0.427	33.6					10.8		26.3		6.14			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							20.4	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.36			3.01	8.54			0.03			2.06	13.1		16.3		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.424							0.19	34.0		0.28			55.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
OREAS 621 (Peroxide Fusion) Meas				6.85	< 0.01	< 0.001	2.03	0.003	< 0.01	0.373	3.74	2.3		0.51	0.06		1.32	4.50	0.01	28.0	0.18	< 0.005	5.00
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CDN-PGMS-27 Meas	4750	2000	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1850	1650	226																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b				1.92	0.19		3.13	0.158	0.03	0.340	29.7	0.4	< 0.01	2.61	0.07	11.9	< 0.01	22.7	< 0.01	9.51	0.06	< 0.005	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
(Fusion) Meas																							
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
A0970776 Orig	3	< 5	< 5																				
A0970776 Dup	3	< 5	< 5																				
A0970783 Orig				0.46	< 0.01	< 0.001	0.05	0.012	0.55	< 0.005	5.83	< 0.1	< 0.01	24.9	0.09	0.278	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0970783 Dup				0.47	< 0.01	< 0.001	0.06	0.012	0.56	< 0.005	5.94	< 0.1	< 0.01	24.8	0.09	0.266	< 0.01	0.02	< 0.01	17.0	0.02	< 0.005	< 0.01
A0970786 Orig	4	< 5	< 5																				
A0970786 Dup	5	< 5	< 5																				
A0970790 Orig				7.12	< 0.01	< 0.001	3.65	< 0.002	0.02	< 0.005	3.11	1.7	< 0.01	1.99	0.05	< 0.005	< 0.01	< 0.01	< 0.01	31.1	0.26	< 0.005	< 0.01
A0970790 Dup				7.11	< 0.01	< 0.001	3.57	< 0.002	0.02	< 0.005	3.06	1.7	< 0.01	2.02	0.05	< 0.005	< 0.01	0.01	< 0.01	30.5	0.25	< 0.005	< 0.01
A0970796 Orig	< 2	< 5	< 5																				
A0970796 Dup	7	< 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				0.05	< 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	0.012	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.033	< 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	0.006	< 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	< 2	< 5	< 5																				
Method Blank	5	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04979**
Report Date: **27-May-20**
Date Submitted: **08-May-20**
Your Reference: **Crawford (CR20-C-A121)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-21 19:45:31

REPORT **A20-04979**

Notes:

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.: **A20-04979**
Report Date: **27-May-20**
Date Submitted: **08-May-20**
Your Reference: **Crawford (CR20-C-A121)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-26 12:47:15

REPORT **A20-04979**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970802	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.05	0.012	0.77	< 0.005	6.17	< 0.1	< 0.01	25.4	0.08	0.313	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0970803	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.06	0.012	0.66	< 0.005	5.60	< 0.1	< 0.01	25.4	0.09	0.285	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970804	< 2	< 5	5	0.23	< 0.01	< 0.001	0.05	0.013	0.79	< 0.005	5.68	< 0.1	< 0.01	25.9	0.10	0.307	< 0.01	0.04	< 0.01	16.4	0.01	< 0.005	< 0.01
A0970805	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.02	0.011	0.72	< 0.005	5.44	< 0.1	< 0.01	25.9	0.08	0.291	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970806	10	< 5	< 5	0.33	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	4.00	< 0.1	< 0.01	25.6	0.06	0.283	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970807	< 2	6	< 5	0.23	< 0.01	< 0.001	0.05	0.012	0.70	< 0.005	6.31	< 0.1	< 0.01	25.4	0.08	0.314	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970808	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.02	0.012	0.72	< 0.005	5.39	< 0.1	< 0.01	25.8	0.08	0.298	< 0.01	0.03	< 0.01	16.3	0.01	< 0.005	< 0.01
A0970809	< 2	8	< 5	0.30	< 0.01	< 0.001	0.05	0.012	0.74	< 0.005	5.96	< 0.1	< 0.01	25.4	0.07	0.296	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970810	< 2	10	< 5	0.33	< 0.01	< 0.001	0.05	0.011	0.70	< 0.005	5.68	< 0.1	< 0.01	25.4	0.08	0.271	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970811	< 2	11	17	0.37	< 0.01	< 0.001	0.08	0.011	0.65	< 0.005	5.50	< 0.1	< 0.01	25.3	0.07	0.293	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970812	< 2	7	15	0.33	< 0.01	< 0.001	0.07	0.011	0.70	< 0.005	5.27	< 0.1	< 0.01	25.5	0.08	0.278	< 0.01	0.04	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970813	< 2	< 5	19	0.24	< 0.01	< 0.001	0.04	0.012	0.73	< 0.005	5.48	< 0.1	< 0.01	25.5	0.09	0.284	< 0.01	0.03	< 0.01	16.3	0.01	< 0.005	< 0.01
A0970814	< 2	9	60	0.25	< 0.01	< 0.001	0.07	0.012	0.74	< 0.005	4.91	< 0.1	< 0.01	26.0	0.08	0.295	< 0.01	0.05	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970815	< 2	14	41	0.24	< 0.01	< 0.001	0.07	0.012	0.71	< 0.005	5.31	< 0.1	< 0.01	25.7	0.07	0.288	< 0.01	0.05	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970816	< 2	< 5	< 5	6.96	< 0.01	< 0.001	5.13	0.002	0.02	< 0.005	3.83	1.6	< 0.01	1.89	0.06	< 0.005	< 0.01	0.02	< 0.01	28.9	0.35	< 0.005	< 0.01
A0970817	< 2	12	14	0.27	< 0.01	< 0.001	0.07	0.011	0.75	< 0.005	5.15	< 0.1	< 0.01	25.4	0.08	0.279	< 0.01	0.07	< 0.01	16.4	0.01	< 0.005	< 0.01
A0970818	2	57	61	0.26	< 0.01	< 0.001	0.03	0.013	0.69	< 0.005	6.05	< 0.1	< 0.01	25.4	0.08	0.280	< 0.01	0.06	< 0.01	16.3	0.01	< 0.005	< 0.01
A0970819	< 2	23	6	0.30	< 0.01	< 0.001	0.14	0.015	0.70	0.010	6.59	< 0.1	< 0.01	25.1	0.08	0.395	< 0.01	0.11	< 0.01	16.2	0.01	< 0.005	< 0.01
A0970820	< 2	25	7	0.26	< 0.01	< 0.001	0.18	0.017	0.69	0.020	7.34	< 0.1	< 0.01	24.4	0.08	0.377	< 0.01	0.12	< 0.01	15.6	0.01	< 0.005	< 0.01
A0970821	< 2	24	< 5	0.29	< 0.01	< 0.001	0.11	0.015	0.73	0.009	6.65	< 0.1	< 0.01	24.6	0.08	0.433	< 0.01	0.12	< 0.01	15.9	0.01	< 0.005	< 0.01
A0970822	< 2	12	< 5	0.26	< 0.01	< 0.001	0.09	0.014	0.75	0.006	6.06	< 0.1	< 0.01	25.1	0.08	0.319	< 0.01	0.08	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970823	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.10	0.012	0.79	< 0.005	5.48	< 0.1	< 0.01	25.5	0.08	0.279	< 0.01	0.06	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970824	< 2	6	< 5	0.36	< 0.01	< 0.001	0.47	0.012	0.76	< 0.005	6.19	< 0.1	< 0.01	25.0	0.09	0.273	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0970825	8	< 5	< 5	0.28	< 0.01	< 0.001	0.14	0.012	0.77	< 0.005	5.74	< 0.1	< 0.01	25.8	0.09	0.270	< 0.01	0.05	< 0.01	16.5	0.01	< 0.005	< 0.01
A0970826	< 2	9	< 5	0.42	< 0.01	< 0.001	0.31	0.012	0.68	< 0.005	5.62	< 0.1	< 0.01	25.3	0.09	0.261	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970827	< 2	6	< 5	0.32	< 0.01	< 0.001	0.09	0.012	0.76	< 0.005	5.36	< 0.1	< 0.01	25.3	0.09	0.259	< 0.01	0.06	< 0.01	16.7	0.01	< 0.005	< 0.01
A0970828	< 2	9	< 5	0.37	< 0.01	< 0.001	0.10	0.012	0.72	< 0.005	5.84	< 0.1	< 0.01	25.2	0.09	0.279	< 0.01	0.06	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970829	11	17	6	0.32	< 0.01	< 0.001	0.11	0.014	0.68	< 0.005	5.99	< 0.1	< 0.01	25.2	0.11	0.324	< 0.01	0.08	< 0.01	16.3	0.02	< 0.005	< 0.01
A0970830	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.44	0.013	0.66	< 0.005	7.10	< 0.1	< 0.01	24.7	0.09	0.264	< 0.01	0.04	< 0.01	16.1	0.02	< 0.005	< 0.01
A0970831	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.16	0.012	0.70	< 0.005	5.69	< 0.1	< 0.01	24.9	0.08	0.256	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970832	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.16	0.011	0.61	< 0.005	5.18	< 0.1	< 0.01	25.3	0.09	0.231	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970833	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.10	0.012	0.70	< 0.005	5.95	< 0.1	< 0.01	24.9	0.09	0.248	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970834	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.20	0.013	0.64	< 0.005	8.08	< 0.1	< 0.01	24.3	0.09	0.251	< 0.01	0.05	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970835	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.27	0.012	0.63	< 0.005	5.84	< 0.1	< 0.01	25.0	0.09	0.238	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970836	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.11	0.012	0.64	< 0.005	5.91	< 0.1	< 0.01	25.2	0.09	0.231	< 0.01	0.02	< 0.01	16.7	0.02	< 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				0.23			0.12	0.014	1.57	< 0.005				31.3	0.08	0.381	< 0.01		< 0.01	18.6			< 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					0.008					1.10	< 0.005	< 0.01			16.4		0.350	< 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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.122	14.5					3.22		7.44		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.165	0.08	0.427	33.6					10.8		26.3		6.14			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							20.4	0.01				17.3
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.36			3.01	8.54			0.03			2.06	13.1		16.3		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.424							0.19	34.0		0.28			55.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
OREAS 621 (Peroxide Fusion) Meas				6.85	< 0.01	< 0.001	2.03	0.003	< 0.01	0.373	3.74	2.3		0.51	0.06		1.32	4.50	0.01	28.0	0.18	< 0.005	5.00
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CDN-PGMS-27 Meas	4380	1850	1190																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1680	203																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
Oreas 77b				1.92	0.19		3.13	0.158	0.03	0.340	29.7	0.4	< 0.01	2.61	0.07	11.9	< 0.01	22.7	< 0.01	9.51	0.06	< 0.005	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
(Fusion) Meas																							
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
A0970806 Orig				0.33	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	3.99	< 0.1	< 0.01	25.6	0.06	0.282	< 0.01	0.06	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970806 Dup				0.33	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	4.01	< 0.1	< 0.01	25.7	0.06	0.284	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970811 Orig	< 2	10	12																				
A0970811 Dup	< 2	12	22																				
A0970814 Orig				0.25	< 0.01	< 0.001	0.07	0.012	0.74	< 0.005	4.87	< 0.1	< 0.01	25.9	0.08	0.295	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970814 Dup				0.25	< 0.01	< 0.001	0.07	0.012	0.75	< 0.005	4.95	< 0.1	< 0.01	26.1	0.08	0.296	< 0.01	0.06	< 0.01	16.6	0.01	< 0.005	< 0.01
A0970821 Orig	< 2	25	< 5																				
A0970821 Dup	< 2	22	< 5																				
A0970828 Orig				0.35	< 0.01	< 0.001	0.09	0.012	0.70	< 0.005	5.76	< 0.1	< 0.01	25.2	0.09	0.279	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970828 Dup				0.38	< 0.01	< 0.001	0.11	0.012	0.73	< 0.005	5.92	< 0.1	< 0.01	25.1	0.09	0.279	< 0.01	0.07	< 0.01	16.6	0.02	< 0.005	< 0.01
A0970831 Orig	< 2	< 5	< 5																				
A0970831 Dup	< 2	< 5	< 5																				
A0970835 Orig				0.38	< 0.01	< 0.001	0.28	0.011	0.63	< 0.005	5.80	< 0.1	< 0.01	25.0	0.09	0.234	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0970835 Dup				0.38	< 0.01	< 0.001	0.27	0.012	0.63	< 0.005	5.88	< 0.1	< 0.01	25.0	0.09	0.241	< 0.01	0.04	< 0.01	16.4	0.02	< 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				0.05	< 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	0.012	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	0.033	< 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	0.006	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05049**
Report Date: **01-Jun-20**
Date Submitted: **11-May-20**
Your Reference: **Crawford (CR20-C-C50)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-21 19:45:31

REPORT **A20-05049**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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.: **A20-05049**
Report Date: **01-Jun-20**
Date Submitted: **11-May-20**
Your Reference: **Crawford (CR20-C-C50)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-29 11:58:31

REPORT **A20-05049**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11705	4	5	6	3.12	< 0.01	< 0.001	10.3	0.006	0.12	0.033	5.91	< 0.1	< 0.01	10.7	0.15	0.009	< 0.01	0.08	< 0.01	24.8	0.09	< 0.005	< 0.01
B11706	< 2	< 5	< 5	6.03	< 0.01	< 0.001	10.7	0.005	0.08	0.017	4.89	< 0.1	< 0.01	8.98	0.13	< 0.005	< 0.01	0.02	< 0.01	23.4	0.08	< 0.005	< 0.01
B11707	< 2	< 5	< 5	7.07	< 0.01	< 0.001	10.8	0.007	0.06	0.010	5.35	< 0.1	< 0.01	9.67	0.14	0.019	< 0.01	0.06	< 0.01	21.3	0.06	< 0.005	< 0.01
B11708	< 2	15	8	1.89	< 0.01	< 0.001	0.42	0.017	0.32	0.010	11.7	< 0.1	< 0.01	18.3	0.18	0.119	< 0.01	0.16	< 0.01	18.7	0.06	< 0.005	< 0.01
B11709	12	< 5	< 5	0.33	< 0.01	< 0.001	0.23	0.009	0.10	< 0.005	4.03	< 0.1	< 0.01	25.8	0.07	0.290	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
B11710	< 2	16	8	1.80	< 0.01	< 0.001	1.02	0.015	0.34	0.007	10.9	< 0.1	< 0.01	18.1	0.20	0.120	< 0.01	0.10	< 0.01	19.2	0.06	< 0.005	< 0.01
B11711	< 2	21	13	1.70	< 0.01	< 0.001	0.90	0.015	0.41	0.007	11.2	< 0.1	< 0.01	18.0	0.20	0.137	< 0.01	0.10	< 0.01	18.9	0.06	< 0.005	< 0.01
B11712	< 2	15	9	2.07	< 0.01	< 0.001	1.27	0.012	0.44	< 0.005	10.7	< 0.1	< 0.01	17.8	0.17	0.130	< 0.01	0.06	< 0.01	19.3	0.05	< 0.005	< 0.01
B11713	< 2	19	11	1.89	< 0.01	< 0.001	1.47	0.013	0.43	< 0.005	10.6	< 0.1	< 0.01	17.8	0.18	0.132	< 0.01	0.08	< 0.01	19.3	0.05	< 0.005	< 0.01
B11714	< 2	17	10	2.19	< 0.01	< 0.001	2.31	0.012	0.29	< 0.005	10.2	< 0.1	< 0.01	17.2	0.18	0.104	< 0.01	0.08	< 0.01	19.7	0.06	< 0.005	< 0.01
B11715	< 2	12	7	4.12	< 0.01	< 0.001	5.03	0.009	0.20	< 0.005	8.89	< 0.1	< 0.01	14.4	0.18	0.077	< 0.01	0.05	< 0.01	19.6	0.21	< 0.005	< 0.01
B11716	< 2	13	7	1.95	< 0.01	< 0.001	2.30	0.014	0.33	0.009	11.0	< 0.1	< 0.01	17.2	0.18	0.116	< 0.01	0.08	< 0.01	19.5	0.06	< 0.005	< 0.01
B11717	< 2	13	7	1.74	< 0.01	< 0.001	1.99	0.015	0.36	0.007	11.0	< 0.1	< 0.01	17.5	0.19	0.125	< 0.01	0.08	< 0.01	19.2	0.07	< 0.005	< 0.01
B11718	< 2	8	< 5	4.36	< 0.01	< 0.001	4.64	0.010	0.24	< 0.005	9.11	< 0.1	< 0.01	15.3	0.17	0.079	< 0.01	0.05	< 0.01	19.2	0.06	< 0.005	< 0.01
B11719	< 2	12	6	1.79	< 0.01	< 0.001	2.04	0.014	0.29	0.006	11.0	< 0.1	< 0.01	17.7	0.18	0.114	< 0.01	0.05	< 0.01	19.3	0.06	< 0.005	< 0.01
B11720	< 2	12	11	1.92	< 0.01	< 0.001	2.36	0.013	0.35	< 0.005	10.8	< 0.1	< 0.01	17.9	0.17	0.117	< 0.01	0.05	< 0.01	18.8	0.05	< 0.005	< 0.01
B11721	< 2	12	9	2.36	< 0.01	< 0.001	4.36	0.012	0.23	0.006	9.45	< 0.1	< 0.01	16.4	0.16	0.097	< 0.01	0.06	< 0.01	19.2	0.06	< 0.005	< 0.01
B11722	< 2	11	10	1.75	< 0.01	< 0.001	1.00	0.015	0.45	< 0.005	11.2	< 0.1	< 0.01	19.0	0.17	0.113	< 0.01	0.05	< 0.01	18.1	0.05	< 0.005	0.01
B11723	< 2	10	< 5	1.69	< 0.01	< 0.001	1.39	0.016	0.37	< 0.005	11.2	< 0.1	< 0.01	19.0	0.18	0.124	< 0.01	0.04	< 0.01	18.0	0.06	< 0.005	< 0.01
B11724	< 2	10	< 5	1.69	< 0.01	< 0.001	1.63	0.015	0.39	< 0.005	11.4	< 0.1	< 0.01	18.7	0.18	0.138	< 0.01	0.06	< 0.01	18.0	0.05	< 0.005	< 0.01
B11725	< 2	7	< 5	1.65	< 0.01	< 0.001	1.72	0.014	0.51	< 0.005	11.4	< 0.1	< 0.01	18.9	0.18	0.141	< 0.01	0.03	< 0.01	17.6	0.06	< 0.005	< 0.01
B11726	< 2	8	< 5	1.66	< 0.01	< 0.001	1.64	0.014	0.50	< 0.005	11.3	< 0.1	< 0.01	18.9	0.18	0.141	< 0.01	0.04	< 0.01	17.9	0.06	< 0.005	0.01
B11727	< 2	9	< 5	1.63	< 0.01	< 0.001	1.30	0.015	0.44	< 0.005	11.4	< 0.1	< 0.01	19.0	0.18	0.140	< 0.01	0.04	< 0.01	17.8	0.07	< 0.005	< 0.01
B11728	< 2	8	< 5	1.55	< 0.01	< 0.001	1.14	0.014	0.48	< 0.005	11.2	< 0.1	< 0.01	19.2	0.17	0.140	< 0.01	0.05	< 0.01	17.7	0.07	< 0.005	< 0.01
B11729	< 2	6	6	1.65	< 0.01	< 0.001	0.80	0.015	0.56	< 0.005	11.6	< 0.1	< 0.01	19.5	0.16	0.141	< 0.01	0.03	< 0.01	17.5	0.06	< 0.005	< 0.01
B11730	< 2	8	5	1.72	< 0.01	< 0.001	1.86	0.012	0.40	< 0.005	10.2	< 0.1	< 0.01	18.9	0.16	0.136	< 0.01	0.07	< 0.01	18.1	0.06	< 0.005	< 0.01
B11731	< 2	6	< 5	1.76	< 0.01	< 0.001	2.34	0.011	0.34	< 0.005	9.84	< 0.1	< 0.01	18.9	0.16	0.133	< 0.01	0.03	< 0.01	18.5	0.07	< 0.005	< 0.01
B11732	< 2	5	< 5	1.64	< 0.01	< 0.001	2.19	0.012	0.32	< 0.005	10.3	< 0.1	< 0.01	18.8	0.17	0.143	< 0.01	0.02	< 0.01	18.0	0.08	< 0.005	< 0.01
B11733	10	7	< 5	1.63	< 0.01	< 0.001	2.09	0.012	0.36	< 0.005	10.4	< 0.1	< 0.01	18.9	0.16	0.140	< 0.01	0.04	< 0.01	18.3	0.09	< 0.005	< 0.01
B11734	< 2	< 5	< 5	6.99	< 0.01	< 0.001	4.28	< 0.002	0.01	< 0.005	3.90	1.5	< 0.01	2.04	0.08	0.010	< 0.01	0.03	< 0.01	29.0	0.33	< 0.005	< 0.01
B11735	< 2	8	< 5	1.66	< 0.01	< 0.001	2.05	0.012	0.38	< 0.005	9.93	< 0.1	< 0.01	18.7	0.15	0.138	< 0.01	0.04	< 0.01	18.3	0.08	< 0.005	< 0.01
B11736	< 2	11	< 5	1.66	< 0.01	< 0.001	2.16	0.012	0.39	< 0.005	9.91	< 0.1	< 0.01	19.0	0.16	0.117	< 0.01	0.03	< 0.01	18.5	0.09	< 0.005	< 0.01
B11737	< 2	10	5	1.81	< 0.01	< 0.001	2.01	0.012	0.32	< 0.005	10.5	< 0.1	< 0.01	18.9	0.16	0.119	< 0.01	0.03	< 0.01	18.3	0.07	< 0.005	< 0.01
B11738	< 2	12	< 5	1.84	< 0.01	< 0.001	2.26	0.012	0.30	< 0.005	10.3	< 0.1	< 0.01	18.7	0.17	0.120	< 0.01	0.02	< 0.01	18.4	0.08	< 0.005	< 0.01
B11739	< 2	9	< 5	1.93	< 0.01	< 0.001	1.46	0.012	0.30	< 0.005	10.7	< 0.1	< 0.01	19.0	0.16	0.123	< 0.01	0.03	< 0.01	18.1	0.06	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	4760	1980	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4670	2070	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4490	1930	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1940	1690	226																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1640	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1760	1660	243																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11710 Orig				1.79	< 0.01	< 0.001	1.00	0.014	0.34	0.007	10.9	< 0.1	< 0.01	18.1	0.20	0.122	< 0.01	0.10	< 0.01	19.0	0.06	< 0.005	< 0.01
B11710 Dup				1.81	< 0.01	< 0.001	1.04	0.015	0.34	0.007	10.9	< 0.1	< 0.01	18.1	0.20	0.118	< 0.01	0.10	< 0.01	19.4	0.06	< 0.005	< 0.01
B11714 Orig	< 2	17	10																				
B11714 Dup	< 2	16	9																				
B11718 Orig				4.40	< 0.01	< 0.001	4.68	0.010	0.24	< 0.005	9.25	< 0.1	< 0.01	15.6	0.17	0.079	< 0.01	0.06	< 0.01	19.5	0.06	< 0.005	< 0.01
B11718 Dup				4.32	< 0.01	< 0.001	4.59	0.011	0.24	< 0.005	8.98	< 0.1	< 0.01	14.9	0.17	0.079	< 0.01	0.05	< 0.01	18.9	0.06	< 0.005	< 0.01
B11724 Orig	< 2	10	< 5																				
B11724 Dup	< 2	9	< 5																				
B11733 Orig				1.63	< 0.01	< 0.001	2.09	0.012	0.36	< 0.005	10.3	< 0.1	< 0.01	18.9	0.16	0.138	< 0.01	0.04	< 0.01	18.5	0.09	< 0.005	< 0.01
B11733 Dup				1.63	< 0.01	< 0.001	2.10	0.012	0.36	< 0.005	10.4	< 0.1	< 0.01	18.8	0.16	0.142	< 0.01	0.03	< 0.01	18.1	0.09	< 0.005	< 0.01
B11734 Orig	< 2	< 5	< 5																				
B11734 Dup	< 2	< 5	< 5																				
B11739 Orig				1.93	< 0.01	< 0.001	1.45	0.012	0.30	< 0.005	10.7	< 0.1	< 0.01	18.9	0.16	0.122	< 0.01	0.03	< 0.01	17.9	0.06	< 0.005	< 0.01
B11739 Dup				1.93	< 0.01	< 0.001	1.46	0.013	0.30	< 0.005	10.6	< 0.1	< 0.01	19.1	0.16	0.125	< 0.01	0.04	< 0.01	18.4	0.06	< 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	0.02	< 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

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				< 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	0.013	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05050**
Report Date: **29-May-20**
Date Submitted: **11-May-20**
Your Reference: **Crawford (CR20-C-A122)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-28 11:40:12

REPORT **A20-05050**

Notes:

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.: **A20-05050**
Report Date: **29-May-20**
Date Submitted: **11-May-20**
Your Reference: **Crawford (CR20-C-A122)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-21 19:45:31

REPORT **A20-05050**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0970837	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.06	0.013	0.63	< 0.005	6.31	< 0.1	< 0.01	25.4	0.10	0.242	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0970838	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.11	0.011	0.60	< 0.005	5.85	< 0.1	< 0.01	24.8	0.10	0.239	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
A0970839	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.26	0.012	0.53	< 0.005	6.08	< 0.1	< 0.01	24.5	0.10	0.205	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0970840	< 2	< 5	8	0.89	< 0.01	< 0.001	1.72	0.012	1.05	< 0.005	6.97	< 0.1	< 0.01	22.6	0.11	0.168	< 0.01	< 0.01	< 0.01	16.0	0.03	< 0.005	< 0.01
A0970841	12	< 5	< 5	0.33	< 0.01	< 0.001	0.27	0.009	0.10	< 0.005	3.95	< 0.1	< 0.01	25.8	0.06	0.288	< 0.01	0.06	< 0.01	17.1	0.02	< 0.005	< 0.01
A0970842	< 2	< 5	5	1.01	< 0.01	< 0.001	0.44	0.013	0.72	< 0.005	7.30	< 0.1	< 0.01	23.0	0.10	0.188	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970843	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.41	0.011	0.80	< 0.005	5.98	< 0.1	< 0.01	23.3	0.10	0.187	< 0.01	0.01	< 0.01	17.6	0.04	< 0.005	< 0.01
A0970844	4	< 5	< 5	0.88	< 0.01	< 0.001	0.87	0.012	0.55	< 0.005	6.68	< 0.1	< 0.01	23.3	0.10	0.163	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
A0970845	< 2	6	< 5	0.92	< 0.01	< 0.001	0.91	0.013	0.63	< 0.005	8.01	< 0.1	< 0.01	22.4	0.11	0.179	< 0.01	0.02	< 0.01	16.6	0.04	< 0.005	< 0.01
A0970846	< 2	< 5	< 5	0.87	< 0.01	< 0.001	0.52	0.013	0.53	< 0.005	7.20	< 0.1	< 0.01	23.3	0.10	0.176	< 0.01	< 0.01	< 0.01	17.3	0.04	< 0.005	< 0.01
A0970847	< 2	35	8	1.05	< 0.01	< 0.001	1.16	0.012	0.68	< 0.005	7.26	< 0.1	< 0.01	22.6	0.11	0.157	< 0.01	< 0.01	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970848	< 2	37	6	0.98	< 0.01	< 0.001	3.82	0.013	0.60	< 0.005	7.48	< 0.1	< 0.01	20.3	0.11	0.150	< 0.01	0.01	< 0.01	15.6	0.03	< 0.005	< 0.01
A0970849	< 2	29	12	1.11	< 0.01	< 0.001	0.83	0.014	0.65	< 0.005	7.65	< 0.1	< 0.01	21.8	0.13	0.152	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970850	< 2	14	7	1.19	< 0.01	< 0.001	1.04	0.014	0.61	< 0.005	8.33	< 0.1	< 0.01	21.5	0.12	0.153	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
A0970851	< 2	< 5	< 5	6.57	< 0.01	< 0.001	5.62	< 0.002	0.02	< 0.005	3.34	1.6	< 0.01	1.90	0.06	0.008	< 0.01	0.03	< 0.01	27.1	0.28	< 0.005	< 0.01
A0970852	< 2	18	11	1.58	< 0.01	< 0.001	1.24	0.013	0.65	< 0.005	6.26	< 0.1	< 0.01	21.9	0.12	0.158	< 0.01	0.02	< 0.01	17.7	0.04	< 0.005	< 0.01
A0970853	< 2	42	< 5	1.42	< 0.01	< 0.001	1.86	0.015	0.63	< 0.005	7.96	< 0.1	< 0.01	20.9	0.13	0.135	< 0.01	0.02	< 0.01	17.6	0.04	< 0.005	< 0.01
A0970854	< 2	23	7	1.40	< 0.01	< 0.001	2.10	0.014	0.42	< 0.005	7.47	< 0.1	< 0.01	20.9	0.12	0.134	< 0.01	0.03	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970855	< 2	20	11	1.50	< 0.01	< 0.001	3.06	0.014	0.55	< 0.005	7.56	< 0.1	< 0.01	20.0	0.14	0.105	< 0.01	0.02	< 0.01	18.2	0.06	< 0.005	< 0.01
A0970856	< 2	14	< 5	1.88	< 0.01	< 0.001	2.12	0.013	0.44	0.005	7.65	< 0.1	< 0.01	20.5	0.12	0.095	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
A0970857	< 2	5	< 5	1.78	< 0.01	< 0.001	3.62	0.011	0.18	< 0.005	7.16	< 0.1	< 0.01	19.5	0.13	0.089	< 0.01	0.02	< 0.01	18.2	0.06	< 0.005	< 0.01
A0970858	< 2	< 5	< 5	1.98	< 0.01	< 0.001	2.91	0.013	0.70	< 0.005	7.41	< 0.1	< 0.01	19.8	0.14	0.093	< 0.01	0.02	< 0.01	17.9	0.06	< 0.005	< 0.01
A0970859	< 2	< 5	< 5	1.97	< 0.01	< 0.001	3.08	0.012	0.52	< 0.005	7.61	< 0.1	< 0.01	19.8	0.13	0.081	< 0.01	0.02	< 0.01	17.6	0.06	< 0.005	< 0.01
A0970860	< 2	< 5	6	1.68	< 0.01	< 0.001	3.37	0.013	0.65	< 0.005	7.69	< 0.1	< 0.01	19.4	0.14	0.085	< 0.01	0.02	< 0.01	18.1	0.07	< 0.005	< 0.01
A0970861	< 2	< 5	< 5	2.01	< 0.01	< 0.001	2.94	0.016	0.56	0.006	7.30	< 0.1	< 0.01	20.1	0.13	0.104	< 0.01	0.03	< 0.01	18.0	0.06	< 0.005	< 0.01
A0970862	< 2	< 5	< 5	1.86	< 0.01	< 0.001	2.40	0.014	0.31	< 0.005	7.26	< 0.1	< 0.01	20.8	0.12	0.099	< 0.01	0.03	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970863	< 2	< 5	< 5	1.72	< 0.01	< 0.001	2.92	0.014	0.46	< 0.005	6.97	< 0.1	< 0.01	20.2	0.13	0.097	< 0.01	0.03	< 0.01	17.9	0.05	< 0.005	< 0.01
A0970864	< 2	< 5	< 5	1.59	< 0.01	< 0.001	2.99	0.015	0.44	< 0.005	6.94	< 0.1	< 0.01	20.2	0.13	0.096	< 0.01	0.03	< 0.01	18.2	0.05	< 0.005	< 0.01
A0970865	< 2	5	12	1.57	< 0.01	< 0.001	2.08	0.014	0.59	< 0.005	8.13	< 0.1	< 0.01	20.4	0.15	0.099	< 0.01	0.03	< 0.01	17.3	0.05	< 0.005	< 0.01
A0970866	< 2	33	43	1.58	< 0.01	< 0.001	1.75	0.016	0.45	< 0.005	8.05	< 0.1	< 0.01	20.7	0.13	0.102	< 0.01	0.03	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970867	< 2	72	54	1.53	< 0.01	< 0.001	1.63	0.015	0.33	0.008	6.39	< 0.1	< 0.01	21.6	0.13	0.103	< 0.01	0.03	< 0.01	17.9	0.04	< 0.005	< 0.01
A0970868	< 2	80	51	1.50	< 0.01	< 0.001	1.33	0.015	0.63	< 0.005	7.72	< 0.1	< 0.01	21.1	0.14	0.105	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0970869	< 2	115	33	1.54	< 0.01	< 0.001	1.14	0.015	0.65	< 0.005	8.63	< 0.1	< 0.01	21.1	0.14	0.100	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970870	4	191	22	1.46	< 0.01	< 0.001	1.08	0.015	0.46	< 0.005	8.50	< 0.1	< 0.01	21.6	0.15	0.099	< 0.01	0.04	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970871	8	208	41	1.30	< 0.01	< 0.001	1.26	0.016	0.41	< 0.005	8.85	< 0.1	< 0.01	21.0	0.14	0.094	< 0.01	0.04	< 0.01	17.7	0.05	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	5220	1910	1220																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4340	1950	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4960	2020	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1770	253																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1610	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1870	1560	209																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970846 Orig	< 2	5	< 5																				
A0970846 Dup	< 2	< 5	< 5																				
A0970852 Orig				1.59	< 0.01	< 0.001	1.28	0.013	0.64	< 0.005	6.22	< 0.1	< 0.01	21.9	0.12	0.156	< 0.01	0.02	< 0.01	17.9	0.04	< 0.005	< 0.01
A0970852 Dup				1.57	< 0.01	< 0.001	1.21	0.014	0.67	< 0.005	6.30	< 0.1	< 0.01	21.9	0.12	0.160	< 0.01	0.02	< 0.01	17.5	0.04	< 0.005	< 0.01
A0970856 Orig	< 2	13	< 5																				
A0970856 Dup	< 2	14	< 5																				
A0970858 Orig				1.99	< 0.01	< 0.001	2.92	0.013	0.70	< 0.005	7.43	< 0.1	< 0.01	19.7	0.14	0.093	< 0.01	0.02	< 0.01	18.0	0.06	< 0.005	< 0.01
A0970858 Dup				1.96	< 0.01	< 0.001	2.90	0.013	0.70	< 0.005	7.39	< 0.1	< 0.01	19.8	0.14	0.094	< 0.01	0.02	< 0.01	17.7	0.06	< 0.005	< 0.01
A0970866 Orig	< 2	33	44																				
A0970866 Dup	< 2	33	42																				
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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
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	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05099**
Report Date: **29-May-20**
Date Submitted: **12-May-20**
Your Reference: **Crawford (CR20-C-C51)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-27 12:26:09

REPORT **A20-05099**

Notes:

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.: **A20-05099**
Report Date: **29-May-20**
Date Submitted: **12-May-20**
Your Reference: **Crawford (CR20-C-C51)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-22 12:50:41

REPORT **A20-05099**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11740	< 2	15	< 5	1.62	< 0.01	< 0.001	1.98	0.013	0.26	< 0.005	10.4	< 0.1	< 0.01	18.7	0.16	0.109	< 0.01	0.03	< 0.01	18.7	0.07	< 0.005	< 0.01
B11741	< 2	11	6	1.91	< 0.01	< 0.001	1.90	0.014	0.27	< 0.005	10.5	< 0.1	< 0.01	18.5	0.16	0.105	< 0.01	0.03	< 0.01	18.3	0.09	< 0.005	0.01
B11742	< 2	11	< 5	1.70	< 0.01	< 0.001	1.85	0.015	0.29	< 0.005	10.4	< 0.1	< 0.01	18.6	0.16	0.105	< 0.01	0.04	< 0.01	18.3	0.10	< 0.005	0.01
B11743	< 2	7	< 5	1.74	< 0.01	< 0.001	1.92	0.015	0.28	< 0.005	11.1	< 0.1	< 0.01	18.4	0.16	0.102	< 0.01	0.04	< 0.01	18.0	0.09	< 0.005	< 0.01
B11744	< 2	8	< 5	1.94	< 0.01	< 0.001	2.12	0.014	0.25	< 0.005	9.75	< 0.1	< 0.01	18.4	0.15	0.107	< 0.01	0.04	< 0.01	18.5	0.08	< 0.005	< 0.01
B11745	< 2	7	< 5	2.09	< 0.01	< 0.001	1.51	0.014	0.26	< 0.005	9.89	< 0.1	< 0.01	18.6	0.15	0.102	< 0.01	0.04	< 0.01	18.4	0.07	< 0.005	0.01
B11746	4	36	30	7.12	< 0.01	< 0.001	5.82	0.018	0.03	0.033	9.56	0.6	< 0.01	3.99	0.11	0.715	< 0.01	1.62	< 0.01	22.8	1.04	< 0.005	0.01
B11747	< 2	6	< 5	2.03	< 0.01	< 0.001	1.53	0.013	0.25	< 0.005	9.62	< 0.1	< 0.01	18.5	0.15	0.099	< 0.01	0.04	< 0.01	18.7	0.09	< 0.005	0.01
B11748	< 2	15	< 5	3.54	< 0.01	< 0.001	2.70	0.011	0.19	< 0.005	8.50	< 0.1	< 0.01	17.1	0.15	0.068	< 0.01	0.03	< 0.01	18.2	0.16	< 0.005	< 0.01
B11749	< 2	7	< 5	2.70	< 0.01	< 0.001	3.78	0.012	0.25	< 0.005	8.75	< 0.1	< 0.01	15.8	0.14	0.079	< 0.01	0.12	< 0.01	20.0	0.17	< 0.005	< 0.01
B11750	< 2	17	16	2.42	< 0.01	< 0.001	5.68	0.010	0.31	0.007	7.55	< 0.1	< 0.01	14.2	0.12	0.053	< 0.01	0.22	< 0.01	22.1	0.12	< 0.005	< 0.01
B11751	4	113	159	2.85	< 0.01	< 0.001	9.06	0.006	0.38	< 0.005	6.09	< 0.1	< 0.01	12.0	0.16	0.030	< 0.01	< 0.01	< 0.01	22.7	0.19	< 0.005	< 0.01
B11752	42	205	331	2.84	< 0.01	< 0.001	11.0	0.006	0.42	0.011	5.57	< 0.1	< 0.01	10.3	0.14	0.039	< 0.01	0.01	< 0.01	24.0	0.17	< 0.005	< 0.01
B11753	37	117	187	2.85	< 0.01	< 0.001	11.1	0.006	0.41	0.018	5.65	< 0.1	< 0.01	10.5	0.13	0.048	< 0.01	0.02	< 0.01	24.5	0.18	< 0.005	< 0.01
B11754	18	42	59	3.28	< 0.01	< 0.001	9.66	0.007	0.29	0.010	6.26	< 0.1	< 0.01	11.6	0.14	0.045	< 0.01	0.03	< 0.01	22.8	0.17	< 0.005	< 0.01
B11755	2	11	8	2.61	< 0.01	< 0.001	5.34	0.010	0.17	0.006	7.53	< 0.1	< 0.01	14.6	0.13	0.069	< 0.01	0.34	< 0.01	21.7	0.12	< 0.005	< 0.01
B11756	7	12	6	3.34	< 0.01	< 0.001	3.40	0.011	0.13	< 0.005	7.71	< 0.1	< 0.01	16.2	0.11	0.075	< 0.01	0.27	< 0.01	20.4	0.09	< 0.005	< 0.01
B11757	< 2	11	7	4.05	< 0.01	< 0.001	4.98	0.010	0.14	< 0.005	6.76	< 0.1	< 0.01	14.9	0.11	0.062	< 0.01	0.13	< 0.01	20.7	0.11	< 0.005	< 0.01
B11758	7	9	6	4.81	< 0.01	< 0.001	5.84	0.009	0.14	< 0.005	6.56	< 0.1	< 0.01	13.8	0.11	0.057	< 0.01	0.04	< 0.01	21.1	0.10	< 0.005	< 0.01
B11759	9	8	< 5	4.08	< 0.01	< 0.001	5.30	0.010	0.13	0.008	6.64	< 0.1	< 0.01	14.1	0.11	0.060	< 0.01	0.30	< 0.01	20.9	0.11	< 0.005	< 0.01
B11760	7	6	< 5	4.96	< 0.01	< 0.001	6.43	0.008	0.14	0.007	6.21	< 0.1	< 0.01	13.1	0.12	0.055	< 0.01	0.04	< 0.01	21.6	0.11	< 0.005	< 0.01
B11761	< 2	5	< 5	4.92	< 0.01	< 0.001	6.37	0.008	0.13	0.006	5.92	0.1	< 0.01	13.0	0.12	0.052	< 0.01	0.01	< 0.01	21.6	0.12	< 0.005	< 0.01
B11762	< 2	6	6	4.84	< 0.01	< 0.001	6.12	0.009	0.14	0.008	6.49	< 0.1	< 0.01	13.1	0.11	0.055	< 0.01	0.04	< 0.01	21.5	0.11	< 0.005	< 0.01
B11763	< 2	5	< 5	4.83	< 0.01	< 0.001	6.21	0.009	0.13	0.008	6.44	< 0.1	< 0.01	12.9	0.11	0.055	< 0.01	0.05	< 0.01	21.5	0.11	< 0.005	< 0.01
B11764	< 2	6	< 5	5.10	< 0.01	< 0.001	6.90	0.008	0.14	0.006	6.45	< 0.1	< 0.01	12.5	0.12	0.052	< 0.01	0.02	< 0.01	21.2	0.11	< 0.005	< 0.01
B11765	4	5	< 5	4.86	< 0.01	< 0.001	7.39	0.009	0.14	0.009	6.94	< 0.1	< 0.01	12.4	0.14	0.054	< 0.01	0.05	< 0.01	21.9	0.11	< 0.005	< 0.01
B11766	3	< 5	< 5	4.96	< 0.01	< 0.001	7.98	0.010	0.15	0.011	7.68	< 0.1	< 0.01	13.2	0.15	0.056	< 0.01	0.05	< 0.01	23.3	0.11	< 0.005	< 0.01
B11767	2	6	< 5	4.24	< 0.01	< 0.001	7.56	0.009	0.14	0.010	7.07	< 0.1	< 0.01	11.9	0.13	0.054	< 0.01	0.10	< 0.01	21.6	0.10	< 0.005	< 0.01
B11768	2	< 5	< 5	5.13	< 0.01	< 0.001	6.84	0.008	0.16	0.008	6.63	< 0.1	< 0.01	11.8	0.13	0.047	< 0.01	0.04	< 0.01	22.2	0.11	< 0.005	< 0.01
B11769	< 2	< 5	< 5	5.11	< 0.01	< 0.001	6.49	0.008	0.17	0.010	6.53	< 0.1	< 0.01	11.7	0.12	0.045	< 0.01	0.07	< 0.01	21.8	0.11	< 0.005	< 0.01
B11770	< 2	< 5	< 5	4.90	< 0.01	< 0.001	6.35	0.008	0.17	0.007	6.51	< 0.1	< 0.01	12.6	0.13	0.048	< 0.01	0.05	< 0.01	21.7	0.11	< 0.005	< 0.01
B11771	< 2	< 5	< 5	6.40	< 0.01	< 0.001	6.71	< 0.002	0.01	< 0.005	3.49	1.5	< 0.01	2.12	0.07	< 0.005	< 0.01	0.09	< 0.01	26.3	0.29	< 0.005	< 0.01
B11772	4	5	< 5	5.01	< 0.01	< 0.001	6.25	0.009	0.17	0.011	6.64	< 0.1	< 0.01	12.3	0.12	0.050	< 0.01	0.08	< 0.01	21.6	0.11	< 0.005	< 0.01
B11773	< 2	< 5	< 5	5.08	< 0.01	< 0.001	5.76	0.009	0.19	0.009	6.13	0.1	< 0.01	12.5	0.13	0.055	< 0.01	0.03	< 0.01	21.9	0.11	< 0.005	< 0.01
B11774	4	< 5	< 5	4.98	< 0.01	< 0.001	6.29	0.008	0.19	0.007	6.22	0.1	< 0.01	12.1	0.12	0.043	< 0.01	0.04	< 0.01	23.0	0.13	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	4610	1980	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2010	1660	221																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11746 Orig				7.13	< 0.01	< 0.001	5.84	0.019	0.03	0.033	9.56	0.6	< 0.01	4.00	0.11	0.716	< 0.01	1.62	< 0.01	22.8	1.05	< 0.005	0.01
B11746 Dup				7.11	< 0.01	< 0.001	5.80	0.018	0.03	0.033	9.55	0.6	< 0.01	3.99	0.11	0.714	< 0.01	1.63	< 0.01	22.8	1.04	< 0.005	0.01
B11749 Orig	< 2	7	< 5																				
B11749 Dup	< 2	7	< 5																				
B11753 Orig				2.83	< 0.01	< 0.001	11.1	0.006	0.41	0.018	5.63	< 0.1	< 0.01	10.4	0.13	0.046	< 0.01	0.02	< 0.01	24.5	0.18	< 0.005	< 0.01
B11753 Dup				2.87	< 0.01	< 0.001	11.1	0.006	0.41	0.018	5.66	< 0.1	< 0.01	10.6	0.13	0.050	< 0.01	0.02	< 0.01	24.6	0.18	< 0.005	< 0.01
B11759 Orig	10	8	< 5																				
B11759 Dup	8	7	7																				
B11768 Orig				5.22	< 0.01	< 0.001	6.91	0.008	0.16	0.008	6.70	< 0.1	< 0.01	12.0	0.13	0.047	< 0.01	0.04	< 0.01	22.5	0.11	< 0.005	< 0.01
B11768 Dup				5.04	< 0.01	< 0.001	6.78	0.008	0.16	0.008	6.55	< 0.1	< 0.01	11.7	0.13	0.046	< 0.01	0.04	< 0.01	21.9	0.11	< 0.005	< 0.01
B11769 Orig	< 2	< 5	< 5																				
B11769 Dup	2	< 5	< 5																				
B11774 Orig				4.92	< 0.01	< 0.001	6.29	0.008	0.19	0.007	6.18	0.1	< 0.01	11.9	0.12	0.043	< 0.01	0.05	< 0.01	22.8	0.13	< 0.005	< 0.01
B11774 Dup				5.04	< 0.01	< 0.001	6.29	0.008	0.19	0.007	6.27	0.1	< 0.01	12.2	0.12	0.044	< 0.01	0.04	< 0.01	23.2	0.13	< 0.005	< 0.01
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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05100**
Report Date: **29-May-20**
Date Submitted: **12-May-20**
Your Reference: **Crawford (CR20-C-C52)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

15 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)	2020-05-22 12:50:41

REPORT **A20-05100**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05100**
Report Date: **29-May-20**
Date Submitted: **12-May-20**
Your Reference: **Crawford (CR20-C-C52)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-28 14:23:25

REPORT **A20-05100**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11775	< 2	< 5	6	5.25	< 0.01	< 0.001	6.10	0.008	0.17	0.006	6.15	< 0.1	< 0.01	11.9	0.12	0.042	< 0.01	0.07	< 0.01	22.1	0.12	< 0.005	< 0.01
B11776	2	< 5	5	5.72	< 0.01	< 0.001	6.11	0.007	0.17	0.005	6.22	0.1	< 0.01	11.5	0.12	0.038	< 0.01	0.04	< 0.01	21.7	0.11	< 0.005	< 0.01
B11777	3	< 5	< 5	5.19	< 0.01	< 0.001	6.22	0.007	0.18	0.007	6.18	0.1	< 0.01	11.4	0.13	0.039	< 0.01	0.03	< 0.01	22.7	0.13	< 0.005	< 0.01
B11778	< 2	11	12	5.08	< 0.01	< 0.001	7.09	0.008	0.18	0.008	6.39	< 0.1	< 0.01	10.9	0.14	0.039	< 0.01	0.13	< 0.01	22.1	0.13	< 0.005	< 0.01
B11779	2	10	10	4.97	< 0.01	< 0.001	6.70	0.007	0.18	0.009	6.10	< 0.1	< 0.01	11.5	0.13	0.040	< 0.01	0.04	< 0.01	22.3	0.13	< 0.005	< 0.01
B11780	< 2	< 5	< 5	5.40	< 0.01	< 0.001	6.57	0.007	0.17	0.007	6.17	< 0.1	< 0.01	11.3	0.13	0.039	< 0.01	0.08	< 0.01	22.2	0.12	< 0.005	< 0.01
B11781	< 2	< 5	< 5	7.23	< 0.01	< 0.001	2.98	< 0.002	0.01	< 0.005	2.92	1.9	< 0.01	1.57	0.05	< 0.005	< 0.01	0.03	< 0.01	28.2	0.24	< 0.005	< 0.01
B11782	5	18	18	5.57	< 0.01	< 0.001	7.16	0.008	0.20	0.011	7.02	< 0.1	< 0.01	12.3	0.15	0.042	< 0.01	0.04	< 0.01	24.6	0.14	< 0.005	< 0.01
B11783	< 2	23	26	5.77	< 0.01	< 0.001	6.95	0.007	0.17	0.010	6.06	< 0.1	< 0.01	10.3	0.13	0.033	< 0.01	0.04	< 0.01	22.8	0.14	< 0.005	< 0.01
B11784	6	35	43	6.01	< 0.01	< 0.001	8.34	0.006	0.18	0.012	5.99	< 0.1	< 0.01	8.61	0.13	0.029	< 0.01	0.06	< 0.01	22.1	0.14	< 0.005	< 0.01
B11785	3	53	70	6.38	< 0.01	< 0.001	8.31	0.006	0.19	0.005	6.74	0.1	< 0.01	7.96	0.15	0.029	< 0.01	0.20	< 0.01	21.0	0.16	< 0.005	< 0.01
B11786	49	38	46	6.59	< 0.01	< 0.001	8.92	0.007	0.16	0.008	8.17	< 0.1	< 0.01	7.40	0.17	0.023	< 0.01	0.83	< 0.01	18.3	0.14	< 0.005	< 0.01
B11787	2	21	26	7.76	< 0.01	< 0.001	6.38	0.007	0.15	0.006	7.08	< 0.1	< 0.01	8.14	0.14	0.017	< 0.01	0.14	< 0.01	20.2	0.22	< 0.005	< 0.01
B11788	< 2	23	28	7.90	< 0.01	< 0.001	6.12	0.007	0.16	0.006	7.09	< 0.1	< 0.01	8.12	0.14	0.019	< 0.01	0.14	< 0.01	20.3	0.22	< 0.005	< 0.01
B11789	9	< 5	< 5	0.33	< 0.01	< 0.001	0.31	0.009	0.10	< 0.005	3.98	< 0.1	< 0.01	25.2	0.06	0.282	< 0.01	0.06	< 0.01	16.4	0.02	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	4520	1930	1200																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1720	206																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11784 Orig	4	36	44																				
B11784 Dup	7	35	42																				
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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05101**
Report Date: **01-Jun-20**
Date Submitted: **12-May-20**
Your Reference: **Crawford (CR20-C-A123)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-22 12:50:41

REPORT **A20-05101**

Notes:

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.: **A20-05101**
Report Date: **01-Jun-20**
Date Submitted: **12-May-20**
Your Reference: **Crawford (CR20-C-A123)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-27 12:26:09

REPORT **A20-05101**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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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
A0970872	19	278	20	1.44	< 0.01	< 0.001	0.93	0.015	0.46	< 0.005	6.78	< 0.1	< 0.01	21.8	0.13	0.099	< 0.01	0.04	< 0.01	17.9	0.04	< 0.005	< 0.01
A0970873	3	191	9	1.24	< 0.01	< 0.001	1.31	0.015	0.35	< 0.005	8.14	< 0.1	< 0.01	21.2	0.14	0.089	< 0.01	0.04	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970874	24	17	20	1.46	< 0.01	< 0.001	1.48	0.016	0.51	< 0.005	7.97	< 0.1	< 0.01	20.8	0.14	0.092	< 0.01	0.04	< 0.01	17.6	0.05	< 0.005	< 0.01
A0970875	21	29	15	1.42	< 0.01	< 0.001	1.35	0.015	0.36	< 0.005	7.86	< 0.1	< 0.01	21.2	0.13	0.083	< 0.01	0.04	< 0.01	17.7	0.04	< 0.005	< 0.01
A0970876	12	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	4.01	< 0.1	< 0.01	25.5	0.06	0.280	< 0.01	0.06	< 0.01	15.9	0.02	< 0.005	< 0.01
A0970877	< 2	58	28	1.66	< 0.01	< 0.001	1.56	0.013	0.50	0.014	8.14	< 0.1	< 0.01	20.8	0.13	0.090	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0970878	< 2	16	38	1.62	< 0.01	< 0.001	1.50	0.014	0.43	< 0.005	7.52	< 0.1	< 0.01	20.9	0.13	0.074	< 0.01	0.04	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970879	3	< 5	17	1.64	< 0.01	< 0.001	1.75	0.013	0.43	< 0.005	7.77	< 0.1	< 0.01	20.9	0.12	0.073	< 0.01	0.04	< 0.01	17.8	0.06	< 0.005	0.01
A0970880	4	13	19	1.77	< 0.01	< 0.001	2.20	0.013	0.56	0.010	8.10	< 0.1	< 0.01	21.7	0.11	0.078	< 0.01	0.04	< 0.01	18.0	0.04	< 0.005	< 0.01
A0970881	5	13	21	1.71	< 0.01	< 0.001	2.04	0.013	0.52	0.005	7.66	< 0.1	< 0.01	20.7	0.11	0.072	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0970882	2	11	29	1.70	< 0.01	< 0.001	2.09	0.013	0.51	0.005	7.61	< 0.1	< 0.01	20.4	0.13	0.071	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0970883	< 2	98	96	1.66	< 0.01	< 0.001	2.23	0.013	0.37	< 0.005	7.52	< 0.1	< 0.01	20.6	0.13	0.061	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
A0970884	< 2	254	233	1.86	< 0.01	< 0.001	2.40	0.013	0.33	< 0.005	7.67	< 0.1	< 0.01	20.2	0.13	0.051	< 0.01	0.03	< 0.01	18.0	0.05	< 0.005	< 0.01
A0970885	4	711	697	1.69	< 0.01	< 0.001	2.72	0.012	0.35	0.007	7.42	< 0.1	< 0.01	20.0	0.13	0.053	< 0.01	0.05	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970886	< 2	< 5	6	6.57	< 0.01	< 0.001	5.99	< 0.002	0.01	< 0.005	3.02	1.7	< 0.01	1.44	0.06	< 0.005	< 0.01	0.03	< 0.01	27.2	0.29	< 0.005	< 0.01
A0970887	98	1090	1490	1.80	< 0.01	< 0.001	2.24	0.013	0.67	0.032	7.59	< 0.1	< 0.01	20.0	0.14	0.064	< 0.01	0.06	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970888	106	6	103	2.03	< 0.01	< 0.001	5.81	0.012	0.59	0.063	7.55	< 0.1	< 0.01	18.5	0.17	0.065	< 0.01	0.11	< 0.01	22.1	0.11	< 0.005	< 0.01
A0970889	60	< 5	28	1.85	< 0.01	< 0.001	8.21	0.007	0.34	0.048	5.80	< 0.1	< 0.01	14.0	0.15	0.028	< 0.01	0.08	< 0.01	23.2	0.11	< 0.005	< 0.01
A0970890	22	< 5	7	2.57	< 0.01	< 0.001	7.74	0.007	0.28	0.040	5.81	< 0.1	< 0.01	13.7	0.13	0.029	< 0.01	0.24	< 0.01	23.3	0.10	< 0.005	< 0.01
A0970891	< 2	< 5	< 5	6.53	< 0.01	< 0.001	14.1	0.004	0.20	< 0.005	4.01	< 0.1	< 0.01	7.49	0.10	0.009	< 0.01	< 0.01	< 0.01	22.9	0.13	< 0.005	< 0.01
A0970892	2	< 5	< 5	8.75	< 0.01	< 0.001	10.6	0.004	0.12	0.006	3.95	0.1	< 0.01	7.35	0.09	0.011	< 0.01	< 0.01	< 0.01	22.1	0.07	< 0.005	< 0.01
A0970893	< 2	< 5	< 5	8.57	< 0.01	< 0.001	10.4	0.004	0.12	0.012	3.26	0.3	< 0.01	6.96	0.08	0.011	< 0.01	< 0.01	< 0.01	23.0	0.05	< 0.005	< 0.01
A0970894	< 2	< 5	< 5	9.00	< 0.01	< 0.001	10.8	0.004	0.12	0.012	3.33	0.4	< 0.01	7.03	0.08	0.012	< 0.01	< 0.01	< 0.01	22.5	0.05	< 0.005	< 0.01
A0970895	< 2	< 5	< 5	9.25	< 0.01	< 0.001	10.8	0.004	0.10	0.011	3.21	0.4	< 0.01	6.68	0.08	0.010	< 0.01	0.01	< 0.01	22.2	0.05	< 0.005	< 0.01
A0970896	< 2	< 5	< 5	9.12	< 0.01	< 0.001	10.6	0.004	0.09	0.014	3.36	0.4	< 0.01	6.75	0.08	0.011	< 0.01	0.02	< 0.01	22.0	0.05	< 0.005	< 0.01
A0970897	< 2	< 5	< 5	9.05	< 0.01	< 0.001	10.5	0.004	0.09	0.014	3.66	0.4	< 0.01	7.24	0.09	0.010	< 0.01	0.02	< 0.01	22.4	0.06	< 0.005	< 0.01
A0970898	< 2	< 5	< 5	9.42	< 0.01	< 0.001	9.84	0.004	0.07	0.010	3.50	0.3	< 0.01	6.85	0.08	0.010	< 0.01	0.01	< 0.01	21.8	0.08	< 0.005	< 0.01
A0970899	< 2	< 5	< 5	9.05	< 0.01	< 0.001	10.3	0.004	0.07	0.014	3.50	0.2	< 0.01	7.03	0.09	0.013	< 0.01	0.02	< 0.01	21.8	0.06	< 0.005	< 0.01
A0970900	< 2	< 5	< 5	8.92	< 0.01	< 0.001	10.2	0.004	0.07	0.010	3.40	0.3	< 0.01	6.88	0.08	0.010	< 0.01	0.01	< 0.01	22.3	0.06	< 0.005	< 0.01
A0970901	< 2	< 5	< 5	8.89	< 0.01	< 0.001	10.0	0.004	0.06	0.016	3.51	0.2	< 0.01	7.02	0.09	0.015	< 0.01	0.01	< 0.01	21.8	0.05	< 0.005	< 0.01
A0970902	< 2	< 5	< 5	8.85	< 0.01	< 0.001	9.84	0.004	0.06	0.011	3.55	0.2	< 0.01	7.14	0.09	0.008	< 0.01	0.02	< 0.01	21.9	0.06	< 0.005	< 0.01
A0970903	< 2	< 5	< 5	8.89	< 0.01	< 0.001	10.1	0.004	0.06	0.010	3.47	0.2	< 0.01	6.86	0.09	0.006	< 0.01	< 0.01	< 0.01	21.9	0.06	< 0.005	< 0.01
A0970904	< 2	< 5	< 5	8.91	< 0.01	< 0.001	9.78	0.004	0.05	0.010	3.58	0.2	< 0.01	6.99	0.09	0.010	< 0.01	< 0.01	< 0.01	22.4	0.06	< 0.005	< 0.01
A0970905	< 2	< 5	< 5	9.74	< 0.01	< 0.001	10.8	0.004	0.06	0.013	3.72	0.3	< 0.01	7.06	0.09	0.013	< 0.01	0.02	< 0.01	23.9	0.07	< 0.005	< 0.01
A0970906	< 2	< 5	< 5	8.96	< 0.01	< 0.001	9.95	0.004	0.05	0.013	3.65	0.3	< 0.01	6.93	0.09	0.008	< 0.01	0.02	< 0.01	22.1	0.06	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	4530	1930	1180																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1940	1770	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970873 Orig				1.25	< 0.01	< 0.001	1.31	0.015	0.35	< 0.005	8.17	< 0.1	< 0.01	21.3	0.14	0.089	< 0.01	0.03	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970873 Dup				1.22	< 0.01	< 0.001	1.32	0.015	0.34	< 0.005	8.12	< 0.1	< 0.01	21.2	0.14	0.089	< 0.01	0.04	< 0.01	17.7	0.05	< 0.005	< 0.01
A0970881 Orig	5	13	20																				
A0970881 Dup	5	13	22																				
A0970891 Orig	< 2	< 5	< 5																				
A0970891 Dup	< 2	< 5	< 5																				
A0970896 Orig				9.09	< 0.01	< 0.001	10.6	0.004	0.09	0.014	3.35	0.4	< 0.01	6.76	0.08	0.010	< 0.01	0.02	< 0.01	22.0	0.05	< 0.005	< 0.01
A0970896 Dup				9.14	< 0.01	< 0.001	10.6	0.004	0.09	0.014	3.36	0.4	< 0.01	6.74	0.08	0.012	< 0.01	0.02	< 0.01	22.0	0.05	< 0.005	< 0.01
A0970901 Orig	< 2	< 5	< 5																				
A0970901 Dup	< 2	< 5	< 5																				
A0970904 Orig				8.75	< 0.01	< 0.001	9.84	0.004	0.05	0.010	3.60	0.2	< 0.01	7.04	0.09	0.010	< 0.01	0.01	< 0.01	22.2	0.06	< 0.005	< 0.01
A0970904 Dup				9.07	< 0.01	< 0.001	9.73	0.004	0.05	0.010	3.55	0.2	< 0.01	6.94	0.09	0.010	< 0.01	< 0.01	< 0.01	22.6	0.06	< 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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05118**
Report Date: **29-May-20**
Date Submitted: **13-May-20**
Your Reference: **Crawford (CR20-C-A124)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-27 12:26:09

REPORT **A20-05118**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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.: **A20-05118**
Report Date: **29-May-20**
Date Submitted: **13-May-20**
Your Reference: **Crawford (CR20-C-A124)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-22 12:50:41

REPORT **A20-05118**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0970907	< 2	< 5	< 5	8.89	< 0.01	< 0.001	8.65	0.005	0.03	0.023	4.50	0.2	< 0.01	6.51	0.10	0.007	< 0.01	0.09	< 0.01	22.7	0.13	< 0.005	< 0.01
A0970908	< 2	< 5	< 5	8.71	< 0.01	< 0.001	10.4	0.004	0.04	0.017	3.61	0.1	< 0.01	6.77	0.09	0.009	< 0.01	0.03	< 0.01	22.6	0.06	< 0.005	< 0.01
A0970909	< 2	< 5	< 5	9.15	< 0.01	< 0.001	10.3	0.004	0.03	0.014	3.37	0.3	< 0.01	6.91	0.09	0.010	< 0.01	0.03	< 0.01	22.7	0.05	< 0.005	< 0.01
A0970910	< 2	< 5	< 5	7.44	< 0.01	< 0.001	9.42	0.004	0.03	0.009	3.49	0.3	< 0.01	8.23	0.10	0.006	< 0.01	0.02	< 0.01	23.4	0.06	< 0.005	< 0.01
A0970911	11	< 5	< 5	0.34	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	3.95	< 0.1	< 0.01	25.2	0.06	0.295	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0970912	< 2	< 5	< 5	8.82	< 0.01	< 0.001	10.6	0.004	0.02	0.011	3.40	0.1	< 0.01	7.07	0.09	0.005	< 0.01	< 0.01	< 0.01	22.8	0.05	< 0.005	< 0.01
A0970913	< 2	< 5	< 5	9.43	< 0.01	< 0.001	10.1	0.003	0.02	0.008	3.02	0.2	< 0.01	6.32	0.08	0.008	< 0.01	0.01	< 0.01	22.6	0.05	< 0.005	< 0.01
A0970914	< 2	< 5	< 5	9.65	< 0.01	< 0.001	10.5	0.004	0.02	0.010	3.20	0.3	< 0.01	6.48	0.08	0.078	< 0.01	< 0.01	< 0.01	22.5	0.05	< 0.005	< 0.01
A0970915	5	5	6	7.03	< 0.01	< 0.001	12.4	0.006	0.02	0.019	4.54	< 0.1	< 0.01	9.88	0.12	0.029	< 0.01	0.02	< 0.01	20.3	0.04	< 0.005	< 0.01
A0970916	4	6	< 5	6.66	< 0.01	< 0.001	11.7	0.006	0.02	0.018	4.70	< 0.1	< 0.01	10.2	0.12	0.017	< 0.01	0.01	< 0.01	20.3	0.04	< 0.005	< 0.01
A0970917	9	20	14	1.25	< 0.01	< 0.001	3.11	0.014	0.23	0.029	9.16	< 0.1	< 0.01	19.2	0.15	0.076	< 0.01	0.05	< 0.01	18.0	0.05	< 0.005	< 0.01
A0970918	6	21	10	1.18	< 0.01	< 0.001	1.22	0.019	0.53	0.009	11.0	< 0.1	< 0.01	19.8	0.16	0.176	< 0.01	0.09	< 0.01	17.1	0.05	< 0.005	< 0.01
A0970919	3	26	14	1.20	< 0.01	< 0.001	0.69	0.020	0.50	0.009	11.6	< 0.1	< 0.01	20.4	0.16	0.173	< 0.01	0.09	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970920	5	19	10	1.14	< 0.01	< 0.001	0.74	0.018	0.56	0.011	11.6	< 0.1	< 0.01	20.0	0.19	0.175	< 0.01	0.08	< 0.01	17.3	0.07	< 0.005	< 0.01
A0970921	6	< 5	< 5	7.35	< 0.01	< 0.001	4.27	0.002	0.02	< 0.005	3.44	1.7	< 0.01	1.79	0.07	0.011	< 0.01	0.05	< 0.01	29.2	0.31	< 0.005	< 0.01
A0970922	5	17	10	1.20	< 0.01	< 0.001	1.12	0.017	0.55	0.008	11.6	< 0.1	< 0.01	19.6	0.19	0.170	< 0.01	0.07	< 0.01	17.1	0.05	< 0.005	< 0.01
A0970923	4	53	14	1.23	< 0.01	< 0.001	0.91	0.017	0.56	0.006	11.4	< 0.1	< 0.01	19.8	0.18	0.169	< 0.01	0.08	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970924	3	9	7	1.77	< 0.01	< 0.001	2.01	0.017	0.52	< 0.005	10.7	< 0.1	< 0.01	18.7	0.17	0.167	< 0.01	0.08	< 0.01	17.2	0.05	< 0.005	< 0.01
A0970925	< 2	20	< 5	1.73	< 0.01	< 0.001	2.09	0.018	0.38	< 0.005	9.79	< 0.1	< 0.01	19.3	0.17	0.170	< 0.01	0.08	< 0.01	17.9	0.05	< 0.005	< 0.01
A0970926	< 2	< 5	< 5	1.27	< 0.01	< 0.001	2.01	0.016	0.46	0.007	11.3	< 0.1	< 0.01	18.9	0.19	0.155	< 0.01	0.07	< 0.01	16.8	0.07	< 0.005	0.01
A0970927	3	< 5	< 5	1.42	< 0.01	< 0.001	1.13	0.014	0.47	0.006	11.5	< 0.1	< 0.01	19.4	0.19	0.161	< 0.01	0.07	< 0.01	17.2	0.04	< 0.005	0.01
A0970928	< 2	13	5	1.47	< 0.01	< 0.001	2.19	0.013	0.41	0.010	11.2	< 0.1	< 0.01	18.8	0.18	0.151	< 0.01	0.07	< 0.01	17.4	0.03	< 0.005	< 0.01
A0970929	7	14	7	1.44	< 0.01	< 0.001	2.07	0.012	0.38	0.009	11.5	< 0.1	< 0.01	18.5	0.18	0.150	< 0.01	0.06	< 0.01	16.7	0.04	< 0.005	0.01
A0970930	< 2	13	6	1.44	< 0.01	< 0.001	1.14	0.013	0.39	0.008	11.1	< 0.1	< 0.01	19.2	0.18	0.152	< 0.01	0.06	< 0.01	17.7	0.04	< 0.005	< 0.01
A0970931	< 2	12	< 5	1.48	< 0.01	< 0.001	1.12	0.012	0.39	0.010	11.5	< 0.1	< 0.01	18.9	0.18	0.153	< 0.01	0.06	< 0.01	17.5	0.04	< 0.005	< 0.01
A0970932	< 2	12	< 5	1.49	< 0.01	< 0.001	1.23	0.012	0.39	0.010	11.6	< 0.1	< 0.01	19.1	0.18	0.159	< 0.01	0.06	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970933	< 2	13	< 5	1.53	< 0.01	< 0.001	1.45	0.013	0.41	0.009	11.2	< 0.1	< 0.01	18.6	0.18	0.158	< 0.01	0.06	< 0.01	17.4	0.04	< 0.005	0.01
A0970934	< 2	14	< 5	1.54	< 0.01	< 0.001	1.51	0.012	0.41	0.008	11.1	< 0.1	< 0.01	18.8	0.20	0.150	< 0.01	0.05	< 0.01	17.4	0.10	< 0.005	0.01
A0970935	3	16	8	1.35	< 0.01	< 0.001	0.93	0.013	0.49	0.009	11.2	< 0.1	< 0.01	19.6	0.18	0.157	< 0.01	0.07	< 0.01	17.5	0.05	< 0.005	< 0.01
A0970936	< 2	13	< 5	1.44	< 0.01	< 0.001	1.75	0.013	0.46	0.012	11.2	< 0.1	< 0.01	19.3	0.19	0.151	< 0.01	0.06	< 0.01	17.1	0.05	< 0.005	0.01
A0970937	8	8	< 5	1.48	< 0.01	< 0.001	2.09	0.013	0.43	0.012	10.9	< 0.1	< 0.01	19.0	0.18	0.154	< 0.01	0.07	< 0.01	17.6	0.04	< 0.005	< 0.01
A0970938	5	10	< 5	1.30	< 0.01	< 0.001	2.24	0.012	0.41	0.008	10.8	< 0.1	< 0.01	18.8	0.18	0.143	< 0.01	0.06	< 0.01	17.1	0.04	< 0.005	0.01
A0970939	< 2	11	< 5	1.27	< 0.01	< 0.001	2.14	0.013	0.42	0.006	10.0	< 0.1	< 0.01	19.1	0.19	0.156	< 0.01	0.06	< 0.01	17.4	0.04	< 0.005	0.01
A0970940	< 2	14	6	1.26	< 0.01	< 0.001	1.26	0.013	0.46	< 0.005	10.7	< 0.1	< 0.01	19.4	0.19	0.165	< 0.01	0.06	< 0.01	17.7	0.04	< 0.005	0.01
A0970941	2	17	6	1.23	< 0.01	< 0.001	0.91	0.013	0.48	< 0.005	10.9	< 0.1	< 0.01	19.8	0.18	0.174	< 0.01	0.06	< 0.01	17.4	0.04	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	4680	2000	1210																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1990	1700	227																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970916 Orig	4	5	6																				
A0970916 Dup	4	6	< 5																				
A0970918 Orig				1.17	< 0.01	< 0.001	1.24	0.019	0.52	0.009	11.0	< 0.1	< 0.01	19.8	0.16	0.184	< 0.01	0.09	< 0.01	17.0	0.05	< 0.005	< 0.01
A0970918 Dup				1.20	< 0.01	< 0.001	1.20	0.019	0.53	0.009	11.1	< 0.1	< 0.01	19.9	0.17	0.167	< 0.01	0.08	< 0.01	17.1	0.06	< 0.005	< 0.01
A0970925 Orig				1.73	< 0.01	< 0.001	2.06	0.018	0.38	< 0.005	9.66	< 0.1	< 0.01	19.0	0.17	0.165	< 0.01	0.07	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970925 Dup				1.73	< 0.01	< 0.001	2.12	0.018	0.39	< 0.005	9.91	< 0.1	< 0.01	19.6	0.17	0.175	< 0.01	0.08	< 0.01	17.9	0.05	< 0.005	< 0.01
A0970926 Orig	< 2	< 5	< 5																				
A0970926 Dup	< 2	< 5	< 5																				
A0970936 Orig	< 2	13	< 5																				
A0970936 Dup	< 2	14	< 5																				
A0970940 Orig				1.27	< 0.01	< 0.001	1.23	0.013	0.47	< 0.005	10.7	< 0.1	< 0.01	19.5	0.19	0.164	< 0.01	0.06	< 0.01	17.7	0.04	< 0.005	0.01
A0970940 Dup				1.25	< 0.01	< 0.001	1.28	0.013	0.46	< 0.005	10.7	< 0.1	< 0.01	19.3	0.19	0.166	< 0.01	0.06	< 0.01	17.7	0.04	< 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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05120**
Report Date: **03-Jun-20**
Date Submitted: **13-May-20**
Your Reference: **Crawford (CR20-C-A128)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-02 09:33:40

REPORT **A20-05120**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05120**
Report Date: **03-Jun-20**
Date Submitted: **13-May-20**
Your Reference: **Crawford (CR20-C-A128)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-22 12:50:41

REPORT **A20-05120**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971029	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.14	0.013	0.80	0.006	5.98	< 0.1	< 0.01	25.2	0.09	0.294	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	< 0.01
A0971030	2	< 5	< 5	0.19	< 0.01	< 0.001	0.50	0.013	0.74	0.006	5.82	< 0.1	< 0.01	25.2	0.09	0.275	< 0.01	0.05	< 0.01	15.8	< 0.01	< 0.005	< 0.01
A0971031	9	< 5	16	0.20	< 0.01	< 0.001	0.14	0.012	0.76	0.007	6.13	< 0.1	< 0.01	25.3	0.08	0.278	< 0.01	0.04	< 0.01	15.8	< 0.01	< 0.005	< 0.01
A0971032	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.15	0.012	0.78	0.009	5.46	< 0.1	< 0.01	25.2	0.08	0.286	< 0.01	0.05	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971033	12	< 5	< 5	0.33	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	4.02	< 0.1	< 0.01	25.7	0.06	0.292	< 0.01	0.07	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971034	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.09	0.012	0.77	0.011	5.49	< 0.1	< 0.01	25.1	0.08	0.287	< 0.01	0.05	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971035	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.06	0.012	0.79	0.012	5.92	< 0.1	< 0.01	24.9	0.08	0.279	< 0.01	0.05	< 0.01	16.4	0.01	< 0.005	< 0.01
A0971036	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.11	0.011	0.79	0.008	5.52	< 0.1	< 0.01	24.5	0.07	0.282	< 0.01	0.06	< 0.01	16.6	0.05	< 0.005	< 0.01
A0971037	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.18	0.012	0.74	0.013	5.40	< 0.1	< 0.01	25.1	0.09	0.266	< 0.01	0.05	< 0.01	16.4	0.01	< 0.005	< 0.01
A0971038	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.19	0.012	0.75	0.013	5.45	< 0.1	< 0.01	25.1	0.09	0.270	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01
A0971039	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.24	0.012	0.76	0.015	5.31	< 0.1	< 0.01	24.8	0.07	0.267	< 0.01	0.05	< 0.01	16.9	0.01	< 0.005	< 0.01
A0971040	< 2	< 5	< 5	1.74	< 0.01	< 0.001	0.96	0.011	0.65	0.007	6.19	< 0.1	< 0.01	22.3	0.11	0.220	< 0.01	0.05	< 0.01	16.7	0.16	< 0.005	< 0.01
A0971041	< 2	< 5	< 5	0.75	< 0.01	< 0.001	0.24	0.011	0.77	< 0.005	5.65	< 0.1	< 0.01	23.8	0.06	0.276	< 0.01	0.06	< 0.01	17.1	0.06	< 0.005	< 0.01
A0971042	4	< 5	19	0.34	< 0.01	< 0.001	0.47	0.012	0.76	0.008	5.87	< 0.1	< 0.01	24.6	0.08	0.278	< 0.01	0.05	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971043	< 2	< 5	< 5	7.17	< 0.01	< 0.001	4.46	0.002	0.02	< 0.005	3.51	1.6	< 0.01	2.19	0.06	0.012	< 0.01	0.04	< 0.01	27.3	0.28	< 0.005	< 0.01
A0971044	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.29	0.012	0.72	< 0.005	5.54	< 0.1	< 0.01	25.0	0.09	0.267	< 0.01	0.03	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0971045	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.28	0.012	0.73	< 0.005	5.57	< 0.1	< 0.01	25.7	0.09	0.272	< 0.01	0.04	< 0.01	16.1	< 0.01	< 0.005	< 0.01
A0971046	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.50	0.012	0.70	< 0.005	5.29	< 0.1	< 0.01	25.1	0.09	0.264	< 0.01	0.03	< 0.01	17.0	< 0.01	< 0.005	< 0.01
A0971047	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.21	0.012	0.68	< 0.005	5.58	< 0.1	< 0.01	24.9	0.09	0.261	< 0.01	0.03	< 0.01	16.9	< 0.01	< 0.005	< 0.01
A0971048	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.08	0.011	0.69	< 0.005	5.21	< 0.1	< 0.01	25.5	0.08	0.265	< 0.01	0.03	< 0.01	16.9	< 0.01	< 0.005	< 0.01
A0971049	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.23	0.011	0.73	0.005	5.48	< 0.1	< 0.01	25.1	0.08	0.268	< 0.01	0.03	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0971050	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.62	0.013	0.74	0.006	6.54	< 0.1	< 0.01	24.7	0.09	0.277	< 0.01	0.03	< 0.01	15.5	< 0.01	< 0.005	< 0.01
A0971051	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.26	0.013	0.69	0.005	4.91	< 0.1	< 0.01	26.2	0.10	0.265	< 0.01	0.03	< 0.01	15.6	< 0.01	< 0.005	< 0.01
A0971052	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.53	0.012	0.70	0.005	5.20	< 0.1	< 0.01	25.0	0.09	0.296	< 0.01	0.04	< 0.01	16.3	< 0.01	< 0.005	< 0.01
A0971053	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.45	0.011	0.68	0.006	5.12	< 0.1	< 0.01	25.0	0.08	0.266	< 0.01	0.03	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0971054	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.23	0.012	0.73	0.006	5.64	< 0.1	< 0.01	24.6	0.08	0.278	< 0.01	0.05	< 0.01	16.7	0.01	< 0.005	< 0.01
A0971055	< 2	< 5	< 5	2.16	< 0.01	< 0.001	0.74	0.010	0.45	0.007	6.76	< 0.1	< 0.01	21.7	0.11	0.184	< 0.01	0.03	< 0.01	16.6	0.18	< 0.005	< 0.01
A0971056	< 2	6	< 5	2.97	< 0.01	< 0.001	1.68	0.009	0.33	0.010	6.88	< 0.1	< 0.01	20.4	0.19	0.124	< 0.01	< 0.01	< 0.01	15.8	0.31	< 0.005	< 0.01
A0971057	10	< 5	< 5	0.44	< 0.01	< 0.001	0.22	0.012	0.70	< 0.005	5.85	< 0.1	< 0.01	24.9	0.09	0.263	< 0.01	0.03	< 0.01	16.2	0.03	< 0.005	< 0.01
A0971058	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.12	0.012	0.70	< 0.005	5.10	< 0.1	< 0.01	25.4	0.08	0.268	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01
A0971059	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.18	0.012	0.72	< 0.005	5.51	< 0.1	< 0.01	25.1	0.09	0.284	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0971060	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.20	0.012	0.69	< 0.005	5.64	< 0.1	< 0.01	24.8	0.09	0.257	< 0.01	0.03	< 0.01	16.8	0.01	< 0.005	< 0.01
A0971061	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.03	0.011	0.71	< 0.005	4.75	< 0.1	< 0.01	25.5	0.08	0.264	< 0.01	< 0.01	< 0.01	17.0	< 0.01	< 0.005	< 0.01
A0971062	5	< 5	< 5	0.23	< 0.01	< 0.001	0.05	0.012	0.71	< 0.005	5.07	< 0.1	< 0.01	25.5	0.08	0.273	< 0.01	0.02	< 0.01	16.8	< 0.01	< 0.005	< 0.01
A0971063	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.06	0.012	0.71	< 0.005	5.22	< 0.1	< 0.01	25.5	0.08	0.279	< 0.01	0.02	< 0.01	16.7	< 0.01	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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-30 Meas	1960	1690	231																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971035 Orig				0.26	< 0.01	< 0.001	0.07	0.012	0.79	0.012	5.93	< 0.1	< 0.01	24.8	0.08	0.278	< 0.01	0.04	< 0.01	16.4	0.01	< 0.005	< 0.01
A0971035 Dup				0.26	< 0.01	< 0.001	0.05	0.012	0.79	0.012	5.92	< 0.1	< 0.01	25.0	0.08	0.281	< 0.01	0.05	< 0.01	16.4	0.01	< 0.005	< 0.01
A0971038 Orig	< 2	< 5	< 5																				
A0971038 Dup	< 2	< 5	< 5																				
A0971048 Orig	< 2	< 5	< 5																				
A0971048 Dup	< 2	< 5	< 5																				
A0971050 Orig				0.26	< 0.01	< 0.001	0.62	0.013	0.75	0.006	6.54	< 0.1	< 0.01	24.8	0.09	0.273	< 0.01	0.03	< 0.01	15.4	< 0.01	< 0.005	< 0.01
A0971050 Dup				0.23	< 0.01	< 0.001	0.63	0.013	0.72	0.007	6.54	< 0.1	< 0.01	24.6	0.09	0.280	< 0.01	0.04	< 0.01	15.5	< 0.01	< 0.005	< 0.01
A0971056 Orig				2.97	< 0.01	< 0.001	1.67	0.009	0.35	0.010	6.90	< 0.1	< 0.01	20.4	0.19	0.125	< 0.01	< 0.01	< 0.01	15.8	0.31	< 0.005	< 0.01
A0971056 Dup				2.97	< 0.01	< 0.001	1.70	0.009	0.32	0.009	6.87	< 0.1	< 0.01	20.4	0.18	0.124	< 0.01	0.02	< 0.01	15.9	0.30	< 0.005	< 0.01
A0971058 Orig	6	< 5	< 5																				
A0971058 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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05122**
Report Date: **01-Jun-20**
Date Submitted: **13-May-20**
Your Reference: **Crawford (CR20-C-A129)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-29 11:58:31

REPORT **A20-05122**

Notes:

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.: **A20-05122**
Report Date: **01-Jun-20**
Date Submitted: **13-May-20**
Your Reference: **Crawford (CR20-C-A129)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-22 12:50:41

REPORT **A20-05122**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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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
A0971064	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.11	0.012	0.69	< 0.005	5.69	< 0.1	< 0.01	25.4	0.08	0.278	< 0.01	0.01	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0971065	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.11	0.012	0.72	< 0.005	5.29	< 0.1	< 0.01	25.7	0.08	0.263	< 0.01	0.01	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0971066	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.14	0.013	0.69	< 0.005	6.52	< 0.1	< 0.01	24.7	0.08	0.267	< 0.01	0.02	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971067	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.27	0.012	0.71	< 0.005	5.30	< 0.1	< 0.01	25.5	0.08	0.270	< 0.01	0.03	< 0.01	16.3	< 0.01	< 0.005	< 0.01
A0971068	12	< 5	< 5	0.41	< 0.01	< 0.001	0.16	0.009	0.10	< 0.005	3.98	< 0.1	< 0.01	25.5	0.06	0.279	< 0.01	0.07	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971069	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.06	0.013	0.74	< 0.005	5.21	< 0.1	< 0.01	25.9	0.08	0.276	< 0.01	0.02	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0971070	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.10	0.013	0.71	< 0.005	5.42	< 0.1	< 0.01	25.8	0.08	0.270	< 0.01	0.01	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0971071	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.14	0.012	0.69	< 0.005	5.24	< 0.1	< 0.01	25.7	0.08	0.271	< 0.01	0.02	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0971072	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.28	0.012	0.73	< 0.005	5.23	< 0.1	< 0.01	25.6	0.08	0.276	< 0.01	0.02	< 0.01	16.3	< 0.01	< 0.005	< 0.01
A0971073	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.16	0.012	0.70	< 0.005	5.17	< 0.1	< 0.01	25.7	0.08	0.272	< 0.01	0.02	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0971074	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.39	0.012	0.71	< 0.005	5.50	< 0.1	< 0.01	25.6	0.08	0.265	< 0.01	0.02	< 0.01	16.8	< 0.01	< 0.005	< 0.01
A0971075	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.63	0.011	0.70	< 0.005	5.22	< 0.1	< 0.01	25.6	0.09	0.266	< 0.01	0.03	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971076	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.63	0.012	0.68	< 0.005	5.70	< 0.1	< 0.01	25.4	0.09	0.256	< 0.01	0.03	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971077	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.64	0.010	0.60	< 0.005	5.39	< 0.1	< 0.01	24.9	0.07	0.280	< 0.01	0.05	< 0.01	16.3	0.01	< 0.005	< 0.01
A0971078	< 2	< 5	< 5	7.17	< 0.01	< 0.001	3.94	< 0.002	0.01	< 0.005	2.72	1.7	< 0.01	1.71	0.05	< 0.005	< 0.01	0.03	< 0.01	27.7	0.22	< 0.005	< 0.01
A0971079	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.50	0.012	0.52	< 0.005	5.17	< 0.1	< 0.01	25.4	0.07	0.292	< 0.01	0.02	< 0.01	16.7	0.01	< 0.005	< 0.01
A0971080	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.19	0.012	0.53	< 0.005	4.88	< 0.1	< 0.01	25.7	0.07	0.286	< 0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0971081	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.38	0.012	0.56	< 0.005	5.48	< 0.1	< 0.01	25.7	0.08	0.283	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0971082	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.56	0.012	0.50	< 0.005	5.77	< 0.1	< 0.01	24.8	0.08	0.279	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
A0971083	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.28	0.012	0.53	< 0.005	5.05	< 0.1	< 0.01	25.5	0.08	0.268	< 0.01	0.03	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0971084	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.69	0.012	0.51	< 0.005	5.44	< 0.1	< 0.01	25.4	0.09	0.268	< 0.01	0.03	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971085	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.69	0.011	0.44	< 0.005	5.28	< 0.1	< 0.01	24.8	0.07	0.277	< 0.01	0.03	< 0.01	17.1	< 0.01	< 0.005	< 0.01
A0971086	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.54	0.012	0.44	< 0.005	4.98	< 0.1	< 0.01	25.4	0.07	0.264	< 0.01	0.02	< 0.01	16.8	0.01	< 0.005	< 0.01
A0971087	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.74	0.011	0.39	< 0.005	5.29	< 0.1	< 0.01	25.4	0.08	0.273	< 0.01	0.03	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0971088	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.71	0.011	0.41	< 0.005	4.94	< 0.1	< 0.01	25.4	0.07	0.269	< 0.01	0.03	< 0.01	16.9	< 0.01	< 0.005	< 0.01
A0971089	2	< 5	< 5	0.19	< 0.01	< 0.001	0.48	0.012	0.43	< 0.005	5.36	< 0.1	< 0.01	25.3	0.07	0.281	< 0.01	0.02	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0971090	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.71	0.012	0.44	< 0.005	5.05	< 0.1	< 0.01	25.8	0.08	0.282	< 0.01	0.02	< 0.01	16.4	< 0.01	< 0.005	< 0.01
A0971091	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.52	0.011	0.43	< 0.005	5.16	< 0.1	< 0.01	25.4	0.07	0.268	< 0.01	0.02	< 0.01	16.7	0.01	< 0.005	< 0.01
A0971092	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.74	0.011	0.39	< 0.005	5.32	< 0.1	< 0.01	25.2	0.08	0.272	< 0.01	0.03	< 0.01	16.3	< 0.01	< 0.005	< 0.01
A0971093	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.86	0.012	0.43	< 0.005	5.14	< 0.1	< 0.01	25.1	0.07	0.268	< 0.01	0.03	< 0.01	16.8	< 0.01	< 0.005	< 0.01
A0971094	< 2	< 5	< 5	0.21	< 0.01	< 0.001	1.62	0.011	0.40	< 0.005	5.31	< 0.1	< 0.01	24.7	0.08	0.259	< 0.01	0.03	< 0.01	15.8	0.01	< 0.005	< 0.01
A0971095	3	19	< 5	0.21	< 0.01	< 0.001	1.57	0.011	0.43	0.006	4.78	< 0.1	< 0.01	24.8	0.08	0.286	< 0.01	0.04	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971096	< 2	< 5	< 5	0.19	< 0.01	< 0.001	1.79	0.012	0.40	< 0.005	5.39	< 0.1	< 0.01	24.8	0.08	0.248	< 0.01	0.02	< 0.01	15.6	< 0.01	< 0.005	< 0.01
A0971097	< 2	< 5	< 5	0.23	< 0.01	< 0.001	1.90	0.011	0.42	< 0.005	4.77	< 0.1	< 0.01	24.7	0.07	0.266	< 0.01	0.03	< 0.01	15.5	< 0.01	< 0.005	< 0.01
A0971098	< 2	< 5	< 5	0.20	< 0.01	< 0.001	5.22	0.011	0.36	< 0.005	5.52	< 0.1	< 0.01	22.3	0.08	0.234	< 0.01	0.04	< 0.01	13.7	0.01	< 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				0.21			0.09	0.013	1.59	< 0.005				30.8	0.08	0.385	< 0.01		< 0.01	18.3			< 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
DTS-2b Meas				0.22			0.09	0.013	1.55	< 0.005				31.1	0.08	0.376	< 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					0.010					1.10	< 0.005	< 0.01			16.1		0.363	< 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 74a (Fusion) Meas					< 0.01			0.057	0.17	0.124	13.9					3.22		7.47		15.1			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.9					3.24		7.30		14.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.418	33.7					10.6		25.8		5.87			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.136	12.3							20.2	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.012		0.141	12.9							20.9	0.01				18.7
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.25		2.46			3.17	8.07			0.03			2.04	13.3		17.3		0.112	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.23		2.49			3.08	8.10			0.03			2.04	13.5		17.0		0.107	16.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.4				0.27					4.26	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.1				0.27					4.39	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.2				0.28					4.51	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.20									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.88									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.417							0.18	33.9		0.25			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.19	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		23.2	33.0			0.75	0.01		0.73	36.7	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	4760	1980	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4670	2070	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4490	1930	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1940	1690	226																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1640	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1760	1660	243																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971069 Orig	< 2	< 5	< 5																				
A0971069 Dup	< 2	< 5	< 5																				
A0971072 Orig				0.23	< 0.01	< 0.001	0.33	0.012	0.73	< 0.005	5.21	< 0.1	< 0.01	25.5	0.08	0.275	< 0.01	0.02	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0971072 Dup				0.22	< 0.01	< 0.001	0.22	0.012	0.74	< 0.005	5.25	< 0.1	< 0.01	25.7	0.08	0.277	< 0.01	0.02	< 0.01	16.0	< 0.01	< 0.005	< 0.01
A0971078 Orig	< 2	< 5	< 5	7.06	< 0.01	< 0.001	3.95	< 0.002	0.01	< 0.005	2.73	1.7	< 0.01	1.70	0.05	< 0.005	< 0.01	0.03	< 0.01	27.4	0.22	< 0.005	< 0.01
A0971078 Dup	< 2	< 5	< 5	7.28	< 0.01	< 0.001	3.93	< 0.002	0.01	< 0.005	2.70	1.7	< 0.01	1.71	0.05	< 0.005	< 0.01	0.03	< 0.01	28.0	0.22	< 0.005	< 0.01
A0971088 Orig	< 2	< 5	< 5																				
A0971088 Dup	< 2	< 5	< 5																				
A0971098 Orig				0.21	< 0.01	< 0.001	5.26	0.011	0.36	< 0.005	5.53	< 0.1	< 0.01	22.3	0.08	0.233	< 0.01	0.03	< 0.01	13.8	0.01	< 0.005	< 0.01
A0971098 Dup				0.20	< 0.01	< 0.001	5.18	0.011	0.36	< 0.005	5.51	< 0.1	< 0.01	22.3	0.08	0.235	< 0.01	0.04	< 0.01	13.6	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	0.02	< 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	0.02	< 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	0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
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	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05174**
Report Date: **01-Jun-20**
Date Submitted: **14-May-20**
Your Reference: **Crawford (CR20-C-A125)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-25 14:28:24

REPORT **A20-05174**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05174**
Report Date: **01-Jun-20**
Date Submitted: **14-May-20**
Your Reference: **Crawford (CR20-C-A125)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-28 11:40:12

REPORT **A20-05174**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0970942	< 2	12	< 5	1.17	< 0.01	< 0.001	0.82	0.013	0.50	0.007	10.8	< 0.1	< 0.01	20.0	0.18	0.166	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005	< 0.01
A0970943	< 2	9	5	1.15	< 0.01	< 0.001	4.68	0.011	0.38	0.007	9.43	< 0.1	< 0.01	18.1	0.17	0.127	< 0.01	0.03	< 0.01	15.7	0.03	< 0.005	< 0.01
A0970944	< 2	8	< 5	1.50	< 0.01	< 0.001	0.89	0.014	0.40	0.007	10.3	< 0.1	< 0.01	20.0	0.16	0.172	< 0.01	0.03	< 0.01	17.7	0.03	< 0.005	< 0.01
A0970945	< 2	9	6	1.58	< 0.01	< 0.001	1.60	0.014	0.49	0.006	9.48	< 0.1	< 0.01	19.7	0.16	0.159	< 0.01	0.02	< 0.01	17.6	0.03	< 0.005	0.01
A0970946	12	< 5	< 5	0.33	< 0.01	< 0.001	0.23	0.009	0.10	0.005	3.99	< 0.1	< 0.01	25.6	0.06	0.289	< 0.01	0.05	< 0.01	16.0	0.01	< 0.005	< 0.01
A0970947	< 2	< 5	< 5	1.64	< 0.01	< 0.001	1.07	0.015	0.46	0.005	9.60	< 0.1	< 0.01	19.9	0.16	0.148	< 0.01	0.04	< 0.01	17.3	0.03	< 0.005	0.01
A0970948	< 2	9	< 5	1.57	< 0.01	< 0.001	1.70	0.014	0.45	0.005	9.32	< 0.1	< 0.01	19.9	0.16	0.160	< 0.01	0.04	< 0.01	17.3	0.04	< 0.005	0.01
A0970949	< 2	< 5	< 5	1.61	< 0.01	< 0.001	2.15	0.013	0.54	0.006	8.47	< 0.1	< 0.01	20.5	0.15	0.140	< 0.01	0.03	< 0.01	17.9	0.04	< 0.005	0.01
A0970950	< 2	< 5	< 5	2.15	< 0.01	< 0.001	1.89	0.013	0.39	0.005	8.20	< 0.1	< 0.01	19.5	0.13	0.144	< 0.01	0.03	< 0.01	17.5	0.02	< 0.005	0.01
A0970951	< 2	< 5	< 5	2.04	< 0.01	< 0.001	1.86	0.013	0.40	0.005	8.18	< 0.1	< 0.01	19.4	0.13	0.141	< 0.01	0.03	< 0.01	17.2	0.02	< 0.005	< 0.01
A0970952	2	< 5	< 5	1.90	< 0.01	< 0.001	1.53	0.014	0.38	0.006	8.43	< 0.1	< 0.01	19.9	0.14	0.147	< 0.01	0.04	< 0.01	17.6	0.05	< 0.005	< 0.01
A0970953	< 2	< 5	5	1.92	< 0.01	< 0.001	2.60	0.013	0.35	0.006	8.38	< 0.1	< 0.01	19.1	0.14	0.128	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
A0970954	< 2	6	< 5	1.85	< 0.01	< 0.001	3.33	0.011	0.34	0.005	7.27	< 0.1	< 0.01	19.0	0.13	0.106	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0970955	< 2	15	< 5	1.84	< 0.01	< 0.001	1.17	0.013	0.48	0.005	8.82	< 0.1	< 0.01	19.8	0.12	0.131	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
A0970956	< 2	< 5	< 5	7.32	< 0.01	< 0.001	4.32	< 0.002	0.03	0.009	3.41	1.7	< 0.01	1.52	0.05	< 0.005	< 0.01	0.02	< 0.01	28.9	0.26	< 0.005	< 0.01
A0970957	< 2	11	< 5	1.65	< 0.01	< 0.001	1.37	0.013	0.37	0.005	9.00	< 0.1	< 0.01	19.6	0.13	0.146	< 0.01	0.03	< 0.01	17.7	0.08	< 0.005	< 0.01
A0970958	3	7	< 5	1.92	< 0.01	< 0.001	2.25	0.012	0.30	0.005	8.51	< 0.1	< 0.01	19.2	0.14	0.132	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0970959	< 2	9	< 5	1.72	< 0.01	< 0.001	1.51	0.013	0.31	0.005	9.22	< 0.1	< 0.01	19.4	0.14	0.121	< 0.01	0.03	< 0.01	17.7	0.07	< 0.005	< 0.01
A0970960	< 2	8	< 5	2.04	< 0.01	< 0.001	1.82	0.012	0.26	0.005	8.86	< 0.1	< 0.01	19.0	0.14	0.114	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
A0970961	< 2	11	5	1.82	< 0.01	< 0.001	1.68	0.013	0.30	0.006	9.07	< 0.1	< 0.01	18.8	0.14	0.118	< 0.01	0.03	< 0.01	17.6	0.06	< 0.005	< 0.01
A0970962	< 2	9	< 5	1.94	< 0.01	< 0.001	2.44	0.012	0.28	0.005	8.59	< 0.1	< 0.01	18.8	0.15	0.106	< 0.01	0.03	< 0.01	16.8	0.05	< 0.005	< 0.01
A0970963	< 2	< 5	< 5	2.12	< 0.01	< 0.001	1.98	0.012	0.26	0.005	8.38	< 0.1	< 0.01	19.0	0.13	0.112	< 0.01	0.03	< 0.01	17.1	0.05	< 0.005	< 0.01
A0970964	< 2	8	< 5	2.13	< 0.01	< 0.001	2.03	0.012	0.27	0.006	8.43	< 0.1	< 0.01	18.6	0.13	0.102	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0970965	< 2	< 5	< 5	2.35	< 0.01	< 0.001	2.21	0.012	0.24	0.005	8.29	< 0.1	< 0.01	18.3	0.13	0.101	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0970966	< 2	9	< 5	1.97	< 0.01	< 0.001	2.11	0.012	0.27	0.006	8.54	< 0.1	< 0.01	18.0	0.13	0.102	< 0.01	0.03	< 0.01	18.0	0.07	< 0.005	< 0.01
A0970967	< 2	< 5	< 5	1.90	< 0.01	< 0.001	4.25	0.011	0.24	0.007	7.73	< 0.1	< 0.01	17.2	0.17	0.100	< 0.01	0.03	< 0.01	15.7	0.06	< 0.005	< 0.01
A0970968	< 2	< 5	< 5	2.52	< 0.01	< 0.001	1.84	0.012	0.20	0.006	8.48	< 0.1	< 0.01	17.8	0.11	0.095	< 0.01	0.03	< 0.01	18.6	0.05	< 0.005	< 0.01
A0970969	< 2	< 5	< 5	2.54	< 0.01	< 0.001	1.75	0.012	0.23	0.006	8.23	< 0.1	< 0.01	17.8	0.12	0.094	< 0.01	0.02	< 0.01	18.4	0.05	< 0.005	< 0.01
A0970970	< 2	< 5	< 5	2.45	< 0.01	< 0.001	1.93	0.012	0.30	0.006	8.14	< 0.1	< 0.01	17.6	0.13	0.087	< 0.01	0.02	< 0.01	19.1	0.05	< 0.005	< 0.01
A0970971	< 2	15	13	2.71	< 0.01	< 0.001	5.51	0.008	0.30	0.007	6.83	< 0.1	< 0.01	14.3	0.13	0.041	< 0.01	< 0.01	< 0.01	22.5	0.08	< 0.005	< 0.01
A0970972	< 2	26	38	4.37	< 0.01	< 0.001	6.61	0.007	0.25	0.006	7.13	0.7	< 0.01	11.6	0.15	0.038	< 0.01	0.01	< 0.01	21.4	0.18	< 0.005	< 0.01
A0970973	2	153	214	3.10	< 0.01	< 0.001	10.6	0.006	0.43	0.006	5.94	0.2	< 0.01	11.7	0.14	0.026	< 0.01	< 0.01	< 0.01	22.6	0.13	< 0.005	< 0.01
A0970974	17	227	358	3.07	< 0.01	< 0.001	11.9	0.006	0.46	0.015	5.71	< 0.1	< 0.01	11.2	0.14	0.036	< 0.01	< 0.01	< 0.01	22.2	0.13	< 0.005	< 0.01
A0970975	17	162	269	2.96	< 0.01	< 0.001	12.2	0.006	0.42	0.020	5.66	< 0.1	< 0.01	11.1	0.14	0.061	< 0.01	0.02	< 0.01	21.4	0.13	< 0.005	< 0.01
A0970976	30	105	170	2.91	< 0.01	< 0.001	12.4	0.006	0.40	0.035	5.64	< 0.1	< 0.01	11.1	0.14	0.050	< 0.01	0.01	< 0.01	20.7	0.13	< 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				0.22			0.39	0.012	1.56	0.005				30.3	0.08	0.373	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.115	13.6					3.10		7.58		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.410	33.4					10.7		25.4		5.91			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.2							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.3							20.3	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.37			2.94	8.18			0.02			2.03	13.1		16.6		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.8				0.27					4.46	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											43.2				0.27					4.47	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.91									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.076																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.406							0.18	33.9		0.27			57.0
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas								0.031			32.5			0.74				35.5	0.01				
CCU-1e Cert								0.0301			30.7			0.706				35.3	0.0104				
CDN-PGMS-27 Meas	5220	1910	1220																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4340	1950	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				

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
CDN-PGMS-27 Meas	4960	2020	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1770	253																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1610	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1870	1560	209																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970947 Orig	< 2	< 5	< 5	1.64	< 0.01	< 0.001	1.08	0.015	0.46	0.005	9.59	< 0.1	< 0.01	19.8	0.16	0.148	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	0.01
A0970947 Dup	< 2	< 5	< 5	1.64	< 0.01	< 0.001	1.06	0.015	0.46	0.005	9.60	< 0.1	< 0.01	19.9	0.16	0.148	< 0.01	0.04	< 0.01	17.5	0.03	< 0.005	0.01
A0970955 Orig				1.79	< 0.01	< 0.001	1.16	0.013	0.49	0.005	8.85	< 0.1	< 0.01	19.8	0.12	0.131	< 0.01	0.02	< 0.01	17.8	0.05	< 0.005	< 0.01
A0970955 Dup				1.89	< 0.01	< 0.001	1.18	0.013	0.47	0.005	8.79	< 0.1	< 0.01	19.7	0.12	0.132	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
A0970956 Orig	< 2	< 5	< 5																				
A0970956 Dup	< 2	< 5	< 5																				
A0970966 Orig	< 2	10	< 5																				
A0970966 Dup	< 2	8	< 5																				
A0970970 Orig				2.45	< 0.01	< 0.001	1.90	0.011	0.30	0.006	8.13	< 0.1	< 0.01	17.6	0.13	0.087	< 0.01	0.01	< 0.01	19.1	0.05	< 0.005	< 0.01
A0970970 Dup				2.45	< 0.01	< 0.001	1.96	0.012	0.30	0.006	8.15	< 0.1	< 0.01	17.6	0.13	0.087	< 0.01	0.02	< 0.01	19.1	0.05	< 0.005	< 0.01
A0970976 Orig				2.91	< 0.01	< 0.001	12.4	0.006	0.40	0.036	5.65	< 0.1	< 0.01	11.1	0.14	0.052	< 0.01	0.01	< 0.01	19.6	0.12	< 0.005	< 0.01
A0970976 Dup				2.91	< 0.01	< 0.001	12.3	0.006	0.39	0.034	5.64	< 0.1	< 0.01	11.1	0.14	0.048	< 0.01	0.01	< 0.01	21.7	0.13	< 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																				
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Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05175**
Report Date: **01-Jun-20**
Date Submitted: **14-May-20**
Your Reference: **Crawford (CR20-C-A126)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-28 11:40:12

REPORT **A20-05175**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05175**
Report Date: **01-Jun-20**
Date Submitted: **14-May-20**
Your Reference: **Crawford (CR20-C-A126)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-25 14:28:24

REPORT **A20-05175**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0970977	12	20	33	5.35	< 0.01	< 0.001	8.45	0.006	0.25	0.014	6.11	< 0.1	< 0.01	12.5	0.14	0.046	< 0.01	< 0.01	< 0.01	19.5	0.10	< 0.005	< 0.01
A0970978	< 2	6	6	3.25	< 0.01	< 0.001	3.87	0.010	0.21	0.008	7.83	< 0.1	< 0.01	16.0	0.14	0.085	< 0.01	0.10	< 0.01	19.6	0.08	< 0.005	< 0.01
A0970979	< 2	7	< 5	2.10	< 0.01	< 0.001	2.15	0.011	0.17	0.009	8.43	< 0.1	< 0.01	17.8	0.15	0.081	< 0.01	0.12	< 0.01	19.9	0.08	< 0.005	< 0.01
A0970980	< 2	12	7	2.33	< 0.01	< 0.001	0.84	0.013	0.37	0.007	8.92	< 0.1	< 0.01	17.7	0.13	0.090	< 0.01	0.10	< 0.01	19.7	0.07	< 0.005	< 0.01
A0970981	12	< 5	< 5	0.33	< 0.01	< 0.001	0.27	0.009	0.11	0.005	3.98	< 0.1	< 0.01	25.9	0.06	0.287	< 0.01	0.06	< 0.01	16.3	0.01	< 0.005	< 0.01
A0970982	< 2	13	13	3.10	< 0.01	< 0.001	4.20	0.009	0.34	0.006	6.87	< 0.1	< 0.01	15.4	0.13	0.048	< 0.01	0.02	< 0.01	21.7	0.06	< 0.005	< 0.01
A0970983	< 2	15	27	4.54	< 0.01	< 0.001	5.00	0.007	0.20	0.006	7.11	0.3	< 0.01	12.9	0.16	0.046	< 0.01	< 0.01	< 0.01	21.5	0.19	< 0.005	< 0.01
A0970984	3	40	64	3.00	< 0.01	< 0.001	7.46	0.007	0.34	0.007	6.83	< 0.1	< 0.01	12.9	0.13	0.046	< 0.01	< 0.01	< 0.01	22.9	0.10	< 0.005	< 0.01
A0970985	17	178	292	2.79	< 0.01	< 0.001	12.4	0.006	0.42	0.021	5.57	< 0.1	< 0.01	11.0	0.15	0.037	< 0.01	0.01	< 0.01	21.8	0.13	< 0.005	< 0.01
A0970986	20	170	277	2.80	< 0.01	< 0.001	12.4	0.005	0.42	0.021	5.60	< 0.1	< 0.01	11.0	0.15	0.042	< 0.01	< 0.01	< 0.01	21.8	0.13	< 0.005	< 0.01
A0970987	15	111	179	3.02	< 0.01	< 0.001	11.7	0.005	0.39	0.023	5.71	< 0.1	< 0.01	11.1	0.14	0.045	< 0.01	< 0.01	< 0.01	20.7	0.12	< 0.005	< 0.01
A0970988	19	36	54	4.16	< 0.01	< 0.001	8.57	0.007	0.28	0.019	6.22	< 0.1	< 0.01	12.3	0.13	0.040	< 0.01	< 0.01	< 0.01	21.7	0.11	< 0.005	< 0.01
A0970989	4	7	8	7.48	< 0.01	< 0.001	6.30	0.004	0.14	0.009	4.65	0.8	< 0.01	7.88	0.10	0.018	< 0.01	< 0.01	< 0.01	24.1	0.12	< 0.005	< 0.01
A0970990	5	11	10	4.88	< 0.01	< 0.001	6.30	0.008	0.16	0.014	6.62	0.1	< 0.01	13.1	0.13	0.048	< 0.01	0.02	< 0.01	21.4	0.06	< 0.005	< 0.01
A0970991	< 2	< 5	< 5	7.64	< 0.01	< 0.001	4.41	< 0.002	0.01	0.007	3.54	2.2	< 0.01	1.73	0.06	0.006	< 0.01	< 0.01	< 0.01	29.9	0.30	< 0.005	< 0.01
A0970992	< 2	12	< 5	4.01	< 0.01	< 0.001	4.88	0.010	0.12	0.015	7.28	< 0.1	< 0.01	15.0	0.13	0.059	< 0.01	0.22	< 0.01	20.6	0.07	< 0.005	< 0.01
A0970993	4	8	< 5	4.63	< 0.01	< 0.001	5.59	0.009	0.12	0.011	6.83	< 0.1	< 0.01	14.2	0.13	0.054	< 0.01	0.01	< 0.01	20.2	0.07	< 0.005	< 0.01
A0970994	< 2	6	< 5	3.90	< 0.01	< 0.001	5.77	0.009	0.11	0.013	6.97	< 0.1	< 0.01	14.2	0.12	0.066	< 0.01	0.09	< 0.01	20.9	0.07	< 0.005	< 0.01
A0970995	< 2	7	< 5	4.04	< 0.01	< 0.001	5.41	0.009	0.12	0.012	7.15	< 0.1	< 0.01	14.5	0.13	0.067	< 0.01	0.22	< 0.01	20.6	0.07	< 0.005	< 0.01
A0970996	< 2	7	< 5	4.05	< 0.01	< 0.001	5.19	0.009	0.13	0.010	7.19	< 0.1	< 0.01	14.5	0.13	0.066	< 0.01	0.23	< 0.01	20.7	0.07	< 0.005	< 0.01
A0970997	< 2	5	< 5	4.22	< 0.01	< 0.001	5.69	0.009	0.12	0.011	6.97	< 0.1	< 0.01	14.0	0.13	0.061	< 0.01	< 0.01	< 0.01	20.9	0.08	< 0.005	< 0.01
A0970998	3	< 5	< 5	5.19	< 0.01	< 0.001	5.49	0.008	0.11	0.006	7.29	< 0.1	< 0.01	13.5	0.15	0.045	< 0.01	< 0.01	< 0.01	20.0	0.12	< 0.005	< 0.01
A0970999	8	6	5	4.94	< 0.01	< 0.001	5.62	0.009	0.14	0.011	7.12	< 0.1	< 0.01	13.7	0.14	0.062	< 0.01	0.01	< 0.01	20.3	0.10	< 0.005	< 0.01
A0971000	3	5	< 5	4.34	< 0.01	< 0.001	5.43	0.009	0.14	0.011	7.01	< 0.1	< 0.01	13.9	0.13	0.069	< 0.01	< 0.01	< 0.01	20.8	0.07	< 0.005	< 0.01
A0971001	< 2	< 5	< 5	3.54	< 0.01	< 0.001	5.61	0.008	0.14	< 0.005	6.63	< 0.1	< 0.01	14.0	0.13	0.055	< 0.01	< 0.01	< 0.01	21.7	0.06	< 0.005	< 0.01
A0971002	7	5	< 5	3.65	< 0.01	< 0.001	5.53	0.009	0.16	0.009	6.79	< 0.1	< 0.01	14.0	0.13	0.059	< 0.01	0.04	< 0.01	21.5	0.08	< 0.005	< 0.01
A0971003	< 2	< 5	< 5	4.57	< 0.01	< 0.001	5.32	0.008	0.15	0.007	6.89	< 0.1	< 0.01	13.8	0.15	0.055	< 0.01	0.02	< 0.01	20.7	0.09	< 0.005	< 0.01
A0971004	< 2	6	< 5	4.21	< 0.01	< 0.001	5.36	0.009	0.16	0.011	6.95	< 0.1	< 0.01	14.0	0.13	0.059	< 0.01	0.09	< 0.01	21.3	0.09	< 0.005	< 0.01
A0971005	< 2	6	7	3.67	< 0.01	< 0.001	5.60	0.009	0.17	0.011	7.03	< 0.1	< 0.01	13.9	0.11	0.066	< 0.01	0.39	< 0.01	21.7	0.09	< 0.005	< 0.01
A0971006	< 2	< 5	< 5	8.15	< 0.01	< 0.001	7.84	0.004	0.04	0.006	5.95	0.1	< 0.01	6.07	0.12	0.014	< 0.01	0.02	< 0.01	23.5	0.28	< 0.005	< 0.01
A0971007	< 2	6	< 5	6.22	< 0.01	< 0.001	5.80	0.007	0.14	0.007	6.30	0.3	< 0.01	11.3	0.14	0.036	< 0.01	< 0.01	< 0.01	21.8	0.09	< 0.005	< 0.01
A0971008	< 2	6	< 5	5.36	< 0.01	< 0.001	5.93	0.008	0.15	0.009	6.62	0.2	< 0.01	11.7	0.13	0.049	< 0.01	0.02	< 0.01	22.1	0.07	< 0.005	< 0.01
A0971009	< 2	< 5	< 5	6.75	< 0.01	< 0.001	7.38	0.005	0.12	0.008	5.67	0.2	< 0.01	8.94	0.13	0.025	< 0.01	0.01	< 0.01	23.2	0.17	< 0.005	< 0.01
A0971010	< 2	< 5	7	4.71	< 0.01	< 0.001	5.85	0.008	0.18	0.008	6.74	< 0.1	< 0.01	13.2	0.13	0.051	< 0.01	0.01	< 0.01	21.8	0.09	< 0.005	< 0.01
A0971011	< 2	< 5	< 5	5.20	< 0.01	< 0.001	5.88	0.007	0.13	0.010	6.60	0.2	< 0.01	11.4	0.13	0.039	< 0.01	0.02	< 0.01	22.2	0.11	< 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				0.22			0.39	0.012	1.56	0.005				30.3	0.08	0.373	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.115	13.6					3.10		7.58		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.410	33.4					10.7		25.4		5.91			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.2							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.3							20.3	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.37			2.94	8.18			0.02			2.03	13.1		16.6		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.8				0.27					4.46	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											43.2				0.27					4.47	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.91									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.076																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.406							0.18	33.9		0.27			57.0
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas								0.031			32.5			0.74				35.5	0.01				
CCU-1e Cert								0.0301			30.7			0.706				35.3	0.0104				
CDN-PGMS-27 Meas	5220	1910	1220																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4340	1950	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				

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
CDN-PGMS-27 Meas	4960	2020	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1770	253																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1610	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1870	1560	209																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0970986 Orig	22	166	270																				
A0970986 Dup	19	174	283																				
A0970992 Orig				3.99	< 0.01	< 0.001	4.94	0.010	0.12	0.015	7.26	< 0.1	< 0.01	15.0	0.13	0.058	< 0.01	0.22	< 0.01	20.7	0.07	< 0.005	< 0.01
A0970992 Dup				4.04	< 0.01	< 0.001	4.82	0.010	0.12	0.015	7.30	< 0.1	< 0.01	15.0	0.13	0.059	< 0.01	0.22	< 0.01	20.6	0.07	< 0.005	< 0.01
A0970996 Orig	< 2	7	< 5																				
A0970996 Dup	< 2	7	< 5																				
A0970998 Orig				5.21	< 0.01	< 0.001	5.52	0.008	0.11	0.006	7.25	< 0.1	< 0.01	13.5	0.15	0.044	< 0.01	< 0.01	< 0.01	20.3	0.12	< 0.005	< 0.01
A0970998 Dup				5.17	< 0.01	< 0.001	5.47	0.008	0.11	0.006	7.32	< 0.1	< 0.01	13.5	0.15	0.046	< 0.01	< 0.01	< 0.01	19.8	0.12	< 0.005	< 0.01
A0971006 Orig	< 2	< 5	< 5																				
A0971006 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	< 0.01	< 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																				
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Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05176**
Report Date: **01-Jun-20**
Date Submitted: **14-May-20**
Your Reference: **Crawford (CR20-C-A130)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-29 13:27:32

REPORT **A20-05176**

Notes:

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.: **A20-05176**
Report Date: **01-Jun-20**
Date Submitted: **14-May-20**
Your Reference: **Crawford (CR20-C-A130)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-25 14:28:24

REPORT **A20-05176**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971099	4	< 5	< 5	0.20	< 0.01	< 0.001	6.00	0.010	0.30	0.006	4.21	< 0.1	< 0.01	21.8	0.07	0.222	< 0.01	0.02	< 0.01	14.1	< 0.01	< 0.005	< 0.01
A0971100	< 2	< 5	< 5	0.16	< 0.01	< 0.001	5.59	0.010	0.33	0.006	4.10	< 0.1	< 0.01	22.1	0.06	0.221	< 0.01	0.01	< 0.01	14.0	< 0.01	< 0.005	< 0.01
A0971101	< 2	< 5	< 5	0.18	< 0.01	< 0.001	7.43	0.009	0.34	< 0.005	4.03	< 0.1	< 0.01	20.3	0.07	0.219	< 0.01	0.05	< 0.01	13.3	< 0.01	< 0.005	< 0.01
A0971102	3	< 5	< 5	0.18	< 0.01	< 0.001	9.50	0.009	0.32	< 0.005	4.08	< 0.1	< 0.01	18.2	0.06	0.206	< 0.01	0.02	< 0.01	12.1	< 0.01	< 0.005	< 0.01
A0971103	11	< 5	< 5	0.38	< 0.01	< 0.001	0.25	0.008	0.10	< 0.005	3.88	< 0.1	< 0.01	25.4	0.06	0.277	< 0.01	0.06	< 0.01	16.5	0.01	< 0.005	< 0.01
A0971104	< 2	< 5	< 5	0.17	0.01	< 0.001	5.62	0.009	0.33	0.007	4.12	< 0.1	< 0.01	20.1	0.09	0.214	< 0.01	0.01	< 0.01	13.5	< 0.01	< 0.005	< 0.01
A0971105	< 2	< 5	< 5	0.17	0.01	< 0.001	3.01	0.010	0.32	0.009	4.30	< 0.1	< 0.01	21.3	0.09	0.235	< 0.01	0.02	< 0.01	13.4	< 0.01	< 0.005	< 0.01
A0971106	< 2	< 5	< 5	0.17	< 0.01	< 0.001	0.55	0.009	0.35	0.006	4.48	< 0.1	< 0.01	21.8	0.08	0.228	< 0.01	0.02	< 0.01	13.4	< 0.01	< 0.005	< 0.01
A0971107	< 2	< 5	< 5	0.19	< 0.01	< 0.001	7.19	0.009	0.42	0.005	4.26	< 0.1	< 0.01	18.8	0.08	0.216	< 0.01	0.02	< 0.01	13.2	< 0.01	< 0.005	< 0.01
A0971108	< 2	< 5	< 5	0.16	< 0.01	< 0.001	7.07	0.009	0.37	0.006	4.25	< 0.1	< 0.01	18.9	0.08	0.216	< 0.01	0.02	< 0.01	13.1	< 0.01	< 0.005	< 0.01
A0971109	< 2	< 5	< 5	0.16	< 0.01	< 0.001	8.56	0.008	0.37	0.005	3.66	< 0.1	< 0.01	20.8	0.06	0.200	< 0.01	0.03	< 0.01	12.7	< 0.01	< 0.005	< 0.01
A0971110	< 2	< 5	< 5	0.18	< 0.01	< 0.001	4.34	0.010	0.46	0.007	4.72	< 0.1	< 0.01	23.1	0.07	0.247	< 0.01	0.02	< 0.01	14.3	< 0.01	< 0.005	< 0.01
A0971111	< 2	< 5	6	0.23	< 0.01	< 0.001	3.39	0.010	0.49	0.007	4.59	< 0.1	< 0.01	23.6	0.08	0.251	< 0.01	0.03	< 0.01	15.0	< 0.01	< 0.005	< 0.01
A0971112	< 2	< 5	< 5	0.22	< 0.01	< 0.001	3.37	0.010	0.49	0.007	4.94	< 0.1	< 0.01	23.8	0.10	0.242	< 0.01	0.03	< 0.01	14.4	< 0.01	< 0.005	< 0.01
A0971113	< 2	< 5	< 5	7.76	< 0.01	< 0.001	4.17	< 0.002	0.02	0.007	3.82	2.0	< 0.01	2.03	0.07	0.014	< 0.01	0.03	< 0.01	28.5	0.30	< 0.005	< 0.01
A0971114	< 2	< 5	< 5	0.21	< 0.01	< 0.001	1.82	0.010	0.50	0.008	5.16	< 0.1	< 0.01	24.4	0.08	0.257	< 0.01	0.03	< 0.01	15.3	< 0.01	< 0.005	< 0.01
A0971115	< 2	< 5	< 5	0.21	< 0.01	< 0.001	1.34	0.010	0.56	0.007	4.75	< 0.1	< 0.01	25.0	0.09	0.256	< 0.01	0.06	< 0.01	15.7	< 0.01	< 0.005	< 0.01
A0971116	< 2	< 5	< 5	0.22	< 0.01	< 0.001	1.07	0.011	0.56	0.007	5.35	< 0.1	< 0.01	25.0	0.08	0.259	< 0.01	0.02	< 0.01	15.4	< 0.01	< 0.005	< 0.01
A0971117	< 2	< 5	< 5	0.23	< 0.01	< 0.001	2.54	0.010	0.51	0.007	5.61	< 0.1	< 0.01	24.1	0.08	0.263	< 0.01	< 0.01	< 0.01	15.1	< 0.01	< 0.005	< 0.01
A0971118	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.71	0.011	0.51	0.007	4.68	< 0.1	< 0.01	25.4	0.09	0.263	< 0.01	0.02	< 0.01	16.0	< 0.01	< 0.005	< 0.01
A0971119	< 2	< 5	< 5	0.22	< 0.01	< 0.001	2.28	0.010	0.51	0.007	5.04	< 0.1	< 0.01	24.1	0.08	0.254	< 0.01	0.02	< 0.01	15.4	< 0.01	< 0.005	< 0.01
A0971120	< 2	< 5	< 5	0.19	< 0.01	< 0.001	1.40	0.012	0.50	0.006	5.06	< 0.1	< 0.01	25.1	0.08	0.261	< 0.01	< 0.01	< 0.01	15.7	< 0.01	< 0.005	< 0.01
A0971121	< 2	< 5	< 5	0.18	< 0.01	< 0.001	2.28	0.012	0.49	< 0.005	5.06	< 0.1	< 0.01	25.0	0.08	0.271	< 0.01	< 0.01	< 0.01	15.5	< 0.01	< 0.005	< 0.01
A0971122	< 2	< 5	< 5	0.18	< 0.01	< 0.001	1.87	0.012	0.49	< 0.005	5.46	< 0.1	< 0.01	26.3	0.09	0.279	< 0.01	< 0.01	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971123	< 2	< 5	< 5	0.20	< 0.01	< 0.001	2.38	0.012	0.50	< 0.005	5.27	< 0.1	< 0.01	25.9	0.09	0.283	< 0.01	< 0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
A0971124	< 2	< 5	< 5	0.22	< 0.01	< 0.001	1.08	0.011	0.44	< 0.005	5.50	< 0.1	< 0.01	25.6	0.09	0.282	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01
A0971125	< 2	< 5	< 5	0.18	< 0.01	< 0.001	0.58	0.012	0.40	< 0.005	5.36	< 0.1	< 0.01	26.5	0.10	0.277	< 0.01	0.02	< 0.01	15.7	0.01	< 0.005	0.01
A0971126	< 2	< 5	< 5	0.16	< 0.01	< 0.001	0.22	0.012	0.41	< 0.005	5.45	< 0.1	< 0.01	26.2	0.09	0.295	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	0.01
A0971127	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.43	0.012	0.42	< 0.005	6.43	< 0.1	< 0.01	26.5	0.10	0.296	< 0.01	0.03	< 0.01	16.6	0.01	< 0.005	0.01
A0971128	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.45	0.012	0.36	< 0.005	6.03	< 0.1	< 0.01	26.3	0.08	0.301	< 0.01	0.02	< 0.01	17.1	0.01	< 0.005	0.01
A0971129	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.32	0.012	0.35	< 0.005	5.59	< 0.1	< 0.01	26.5	0.09	0.274	< 0.01	0.03	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971130	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.18	0.011	0.40	0.011	5.42	< 0.1	< 0.01	25.5	0.08	0.276	< 0.01	0.03	< 0.01	17.2	0.05	< 0.005	0.01
A0971131	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.32	0.011	0.43	0.031	6.27	< 0.1	< 0.01	24.7	0.07	0.229	< 0.01	0.03	< 0.01	17.0	0.11	< 0.005	< 0.01
A0971132	4	< 5	< 5	1.05	< 0.01	< 0.001	0.20	0.030	0.44	0.123	10.6	< 0.1	< 0.01	23.4	0.08	0.239	< 0.01	0.05	< 0.01	16.2	0.11	< 0.005	< 0.01
A0971133	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.17	0.013	0.69	0.006	5.93	< 0.1	< 0.01	25.8	0.09	0.279	< 0.01	0.03	< 0.01	16.9	0.02	< 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				0.22			0.39	0.012	1.56	0.005				30.3	0.08	0.373	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.115	13.6					3.10		7.58		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.410	33.4					10.7		25.4		5.91			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.2							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.3							20.3	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.37			2.94	8.18			0.02			2.03	13.1		16.6		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.8				0.27					4.46	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											43.2				0.27					4.47	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.91									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.076																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.406							0.18	33.9		0.27			57.0
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas								0.031			32.5			0.74				35.5	0.01				
CCU-1e Cert								0.0301			30.7			0.706				35.3	0.0104				
CDN-PGMS-27 Meas	4920	1990	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4550	1960	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				

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
CDN-PGMS-27 Meas	4870	2050	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1880	1620	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1680	213																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1890	1690	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971105 Orig				0.16	0.01	< 0.001	2.98	0.010	0.33	0.009	4.32	< 0.1	< 0.01	21.4	0.09	0.236	< 0.01	0.02	< 0.01	13.3	< 0.01	< 0.005	< 0.01
A0971105 Dup				0.17	0.01	< 0.001	3.05	0.010	0.32	0.008	4.29	< 0.1	< 0.01	21.3	0.09	0.233	< 0.01	0.02	< 0.01	13.5	< 0.01	< 0.005	< 0.01
A0971108 Orig	< 2	< 5	< 5																				
A0971108 Dup	< 2	< 5	< 5																				
A0971112 Orig				0.23	< 0.01	< 0.001	3.35	0.010	0.49	0.008	4.96	< 0.1	< 0.01	23.9	0.10	0.241	< 0.01	0.02	< 0.01	14.4	< 0.01	< 0.005	< 0.01
A0971112 Dup				0.21	< 0.01	< 0.001	3.38	0.010	0.49	0.007	4.92	< 0.1	< 0.01	23.8	0.10	0.244	< 0.01	0.03	< 0.01	14.4	< 0.01	< 0.005	< 0.01
A0971118 Orig	< 2	< 5	< 5																				
A0971118 Dup	< 2	< 5	< 5																				
A0971127 Orig				0.20	< 0.01	< 0.001	0.40	0.012	0.41	< 0.005	6.30	< 0.1	< 0.01	26.0	0.09	0.293	< 0.01	0.04	< 0.01	16.3	0.01	< 0.005	0.01
A0971127 Dup				0.21	< 0.01	< 0.001	0.47	0.013	0.43	< 0.005	6.57	< 0.1	< 0.01	27.0	0.10	0.299	< 0.01	0.03	< 0.01	16.8	0.01	< 0.005	0.01
A0971128 Orig	< 2	< 5	< 5																				
A0971128 Dup	< 2	< 5	< 5																				
A0971133 Orig				0.45	< 0.01	< 0.001	0.18	0.013	0.70	0.006	5.89	< 0.1	< 0.01	25.6	0.09	0.279	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971133 Dup				0.40	< 0.01	< 0.001	0.15	0.013	0.67	0.006	5.97	< 0.1	< 0.01	26.0	0.09	0.279	< 0.01	0.03	< 0.01	17.1	0.02	< 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																				
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Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05204**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford (CR20-C-A127)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

17 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)	2020-05-27 16:32:15

REPORT **A20-05204**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05204**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford (CR20-C-A127)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-28 14:23:25

REPORT **A20-05204**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971012	< 2	5	< 5	4.36	< 0.01	< 0.001	6.01	0.007	0.19	< 0.005	7.25	< 0.1	< 0.01	13.1	0.14	0.056	< 0.01	0.01	< 0.01	20.4	0.10	< 0.005	< 0.01
A0971013	< 2	5	< 5	4.24	< 0.01	< 0.001	5.96	0.007	0.19	< 0.005	6.99	< 0.1	< 0.01	13.0	0.14	0.058	< 0.01	< 0.01	< 0.01	21.7	0.10	< 0.005	< 0.01
A0971014	< 2	< 5	< 5	4.40	< 0.01	< 0.001	5.80	0.007	0.19	< 0.005	6.90	< 0.1	< 0.01	12.9	0.14	0.054	< 0.01	< 0.01	< 0.01	21.5	0.11	< 0.005	< 0.01
A0971015	< 2	10	12	4.70	< 0.01	< 0.001	5.23	0.006	0.17	< 0.005	7.51	< 0.1	< 0.01	11.4	0.14	0.038	< 0.01	< 0.01	< 0.01	23.0	0.17	< 0.005	< 0.01
A0971016	13	< 5	< 5	0.34	< 0.01	< 0.001	0.30	0.008	0.10	< 0.005	4.05	< 0.1	< 0.01	24.9	0.06	0.305	< 0.01	0.05	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971017	< 2	22	26	5.87	< 0.01	< 0.001	6.24	0.006	0.17	< 0.005	6.57	< 0.1	< 0.01	10.5	0.13	0.047	< 0.01	< 0.01	< 0.01	22.1	0.11	< 0.005	< 0.01
A0971018	< 2	25	25	5.91	< 0.01	< 0.001	7.18	0.005	0.16	< 0.005	6.31	< 0.1	< 0.01	9.69	0.12	0.041	< 0.01	< 0.01	< 0.01	22.0	0.12	< 0.005	< 0.01
A0971019	< 2	79	98	5.86	< 0.01	< 0.001	7.87	0.004	0.20	< 0.005	5.93	0.1	< 0.01	9.23	0.12	0.035	< 0.01	0.01	< 0.01	22.5	0.16	< 0.005	< 0.01
A0971020	< 2	93	119	6.25	< 0.01	< 0.001	8.33	0.003	0.21	< 0.005	5.38	0.1	< 0.01	7.58	0.12	0.029	< 0.01	0.03	< 0.01	23.6	0.17	< 0.005	< 0.01
A0971021	< 2	97	126	6.30	< 0.01	< 0.001	8.26	0.003	0.22	0.006	5.45	0.1	< 0.01	7.66	0.12	0.038	< 0.01	0.02	< 0.01	23.5	0.17	< 0.005	< 0.01
A0971022	< 2	47	57	6.97	< 0.01	< 0.001	7.58	0.004	0.19	< 0.005	5.66	0.2	< 0.01	8.52	0.12	0.036	< 0.01	< 0.01	< 0.01	22.3	0.15	< 0.005	< 0.01
A0971023	< 2	28	34	7.32	< 0.01	< 0.001	8.09	0.004	0.18	< 0.005	5.34	0.2	< 0.01	8.27	0.11	0.026	< 0.01	< 0.01	< 0.01	22.7	0.15	< 0.005	< 0.01
A0971024	< 2	20	22	6.86	< 0.01	< 0.001	8.73	0.003	0.19	< 0.005	5.20	0.2	< 0.01	7.89	0.12	0.024	< 0.01	0.03	< 0.01	22.8	0.17	< 0.005	< 0.01
A0971025	< 2	21	25	7.44	< 0.01	< 0.001	9.22	0.003	0.17	< 0.005	4.98	0.2	< 0.01	7.08	0.11	0.022	< 0.01	0.06	< 0.01	22.5	0.18	< 0.005	< 0.01
A0971026	< 2	< 5	< 5	7.03	< 0.01	< 0.001	4.50	< 0.002	< 0.01	< 0.005	3.20	1.8	< 0.01	1.58	0.06	0.007	< 0.01	0.01	< 0.01	29.4	0.29	< 0.005	< 0.01
A0971027	< 2	5	6	7.55	< 0.01	< 0.001	9.27	0.003	0.17	< 0.005	4.60	0.3	< 0.01	6.72	0.11	0.023	< 0.01	0.03	< 0.01	21.9	0.15	< 0.005	< 0.01
A0971028	< 2	7	7	8.00	< 0.01	< 0.001	9.05	< 0.002	0.15	< 0.005	4.29	0.5	< 0.01	6.26	0.10	0.022	< 0.01	0.03	< 0.01	22.7	0.14	< 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				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
CDN-PGMS-27 Meas	4600	2000	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1910	1720	229																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971017 Orig				5.92	< 0.01	< 0.001	6.23	0.006	0.16	< 0.005	6.56	< 0.1	< 0.01	10.5	0.13	0.041	< 0.01	< 0.01	< 0.01	22.1	0.11	< 0.005	< 0.01
A0971017 Dup				5.83	< 0.01	< 0.001	6.25	0.006	0.18	< 0.005	6.58	< 0.1	< 0.01	10.5	0.13	0.053	< 0.01	< 0.01	< 0.01	22.0	0.11	< 0.005	< 0.01
A0971021 Orig	< 2	97	125																				
A0971021 Dup	< 2	98	126																				
A0971025 Orig				7.46	< 0.01	< 0.001	9.26	0.002	0.17	< 0.005	4.99	0.2	< 0.01	7.08	0.11	0.022	< 0.01	0.06	< 0.01	22.6	0.18	< 0.005	< 0.01
A0971025 Dup				7.43	< 0.01	< 0.001	9.18	0.003	0.17	< 0.005	4.96	0.2	< 0.01	7.08	0.11	0.022	< 0.01	0.05	< 0.01	22.4	0.18	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05205**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford (CR20-C-D02)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-26 17:54:28

REPORT **A20-05205**

Notes:

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.: **A20-05205**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford (CR20-C-D02)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-29 13:27:32

REPORT **A20-05205**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
B18071	4	< 5	< 5	7.78	< 0.01	< 0.001	2.51	< 0.002	< 0.01	< 0.005	2.30	0.6	< 0.01	1.55	0.05	0.009	< 0.01	0.02	< 0.01	30.1	0.35	< 0.005	< 0.01
B18072	< 2	< 5	< 5	8.12	< 0.01	< 0.001	1.92	< 0.002	< 0.01	< 0.005	1.32	0.7	< 0.01	1.27	0.03	0.009	< 0.01	< 0.01	< 0.01	30.0	0.37	< 0.005	< 0.01
B11790	< 2	< 5	< 5	8.64	< 0.01	< 0.001	1.30	< 0.002	< 0.01	< 0.005	1.01	0.7	< 0.01	0.90	0.02	< 0.005	< 0.01	0.02	< 0.01	30.0	0.39	< 0.005	< 0.01
B11791	< 2	< 5	< 5	6.87	< 0.01	< 0.001	6.56	0.004	0.02	0.006	4.85	< 0.1	< 0.01	4.33	0.10	0.017	< 0.01	0.15	< 0.01	24.9	0.48	< 0.005	0.01
B11792	< 2	< 5	< 5	6.07	< 0.01	< 0.001	8.83	0.004	0.04	0.006	5.53	< 0.1	< 0.01	5.97	0.12	0.032	< 0.01	0.09	< 0.01	23.7	0.47	< 0.005	0.01
B11793	< 2	< 5	< 5	8.03	< 0.01	< 0.001	2.37	< 0.002	< 0.01	< 0.005	1.59	0.1	< 0.01	1.04	0.04	0.012	< 0.01	0.09	< 0.01	29.5	0.35	< 0.005	< 0.01
B11794	< 2	< 5	< 5	8.90	< 0.01	< 0.001	2.10	< 0.002	< 0.01	0.007	1.74	0.8	< 0.01	1.08	0.04	0.011	< 0.01	0.03	< 0.01	29.7	0.29	< 0.005	< 0.01
B11795	< 2	< 5	< 5	7.81	< 0.01	< 0.001	4.02	< 0.002	< 0.01	0.006	1.79	0.9	< 0.01	1.11	0.05	0.007	< 0.01	0.01	< 0.01	29.9	0.34	< 0.005	< 0.01
B11796	< 2	< 5	< 5	8.03	< 0.01	< 0.001	2.97	< 0.002	< 0.01	0.005	1.59	1.0	< 0.01	0.84	0.04	0.009	< 0.01	0.01	< 0.01	30.0	0.36	< 0.005	< 0.01
B11797	< 2	< 5	< 5	7.95	< 0.01	< 0.001	3.26	< 0.002	< 0.01	< 0.005	1.89	0.9	< 0.01	0.88	0.04	0.006	< 0.01	0.02	< 0.01	30.5	0.35	< 0.005	< 0.01
B11798	< 2	< 5	< 5	7.87	< 0.01	< 0.001	2.80	< 0.002	< 0.01	< 0.005	1.70	0.5	< 0.01	0.78	0.04	< 0.005	< 0.01	0.01	< 0.01	29.9	0.35	< 0.005	< 0.01
B11799	< 2	< 5	< 5	7.28	< 0.01	< 0.001	6.23	0.003	< 0.01	< 0.005	2.87	0.1	< 0.01	5.49	0.07	0.046	< 0.01	< 0.01	< 0.01	24.4	0.29	< 0.005	0.01
B11800	7	< 5	< 5	8.16	< 0.01	< 0.001	5.70	0.003	0.01	0.021	2.86	0.3	< 0.01	2.34	0.05	0.018	< 0.01	0.04	< 0.01	26.7	0.36	< 0.005	0.01
B11801	3	< 5	< 5	7.64	< 0.01	< 0.001	6.63	0.002	< 0.01	0.013	3.02	0.6	< 0.01	1.31	0.06	0.011	< 0.01	0.02	< 0.01	26.2	0.35	< 0.005	0.01
B11802	< 2	< 5	< 5	6.46	< 0.01	< 0.001	4.97	0.002	0.01	< 0.005	3.80	2.0	< 0.01	1.76	0.07	0.007	< 0.01	0.02	< 0.01	29.1	0.31	< 0.005	< 0.01
B11803	< 2	< 5	< 5	8.10	< 0.01	< 0.001	3.26	< 0.002	< 0.01	< 0.005	2.09	1.0	< 0.01	0.91	0.03	0.006	< 0.01	< 0.01	< 0.01	29.4	0.38	< 0.005	< 0.01
B11804	< 2	< 5	< 5	8.20	< 0.01	< 0.001	2.54	< 0.002	< 0.01	< 0.005	1.98	0.9	< 0.01	0.68	0.03	< 0.005	< 0.01	< 0.01	< 0.01	30.1	0.37	< 0.005	< 0.01
B11805	< 2	< 5	< 5	7.79	< 0.01	< 0.001	4.26	< 0.002	< 0.01	< 0.005	2.36	0.5	< 0.01	0.64	0.03	0.005	< 0.01	0.01	< 0.01	29.6	0.33	< 0.005	< 0.01
B11806	< 2	< 5	< 5	6.63	< 0.01	< 0.001	2.72	< 0.002	< 0.01	0.007	1.60	0.3	< 0.01	0.41	0.03	< 0.005	< 0.01	0.01	< 0.01	30.5	0.16	< 0.005	< 0.01
B11807	< 2	< 5	< 5	6.53	< 0.01	< 0.001	1.80	< 0.002	< 0.01	< 0.005	1.25	0.7	< 0.01	0.35	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.7	0.15	< 0.005	< 0.01
B11808	< 2	< 5	< 5	6.85	< 0.01	< 0.001	1.87	< 0.002	< 0.01	0.007	1.30	0.6	< 0.01	0.37	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.6	0.16	< 0.005	< 0.01
B11809	< 2	< 5	< 5	6.95	< 0.01	< 0.001	1.19	< 0.002	< 0.01	< 0.005	1.10	0.4	< 0.01	0.34	0.01	< 0.005	< 0.01	< 0.01	< 0.01	30.5	0.16	< 0.005	< 0.01
B11810	< 2	< 5	< 5	6.75	< 0.01	< 0.001	1.92	< 0.002	< 0.01	< 0.005	1.36	0.5	< 0.01	0.36	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.2	0.16	< 0.005	< 0.01
B11811	< 2	< 5	< 5	6.76	< 0.01	< 0.001	2.03	< 0.002	< 0.01	< 0.005	1.04	0.8	< 0.01	0.31	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.7	0.16	< 0.005	< 0.01
B11812	< 2	< 5	< 5	6.86	< 0.01	< 0.001	2.09	< 0.002	< 0.01	< 0.005	1.02	0.8	< 0.01	0.31	0.02	< 0.005	< 0.01	0.01	< 0.01	31.6	0.17	< 0.005	< 0.01
B11813	< 2	< 5	< 5	7.40	< 0.01	< 0.001	1.68	< 0.002	< 0.01	< 0.005	1.07	0.6	< 0.01	0.39	0.02	< 0.005	< 0.01	< 0.01	< 0.01	31.0	0.19	< 0.005	< 0.01
B11814	< 2	< 5	< 5	7.06	< 0.01	< 0.001	0.93	< 0.002	< 0.01	< 0.005	0.90	0.4	< 0.01	0.39	0.01	< 0.005	< 0.01	< 0.01	< 0.01	31.2	0.18	< 0.005	< 0.01
B11815	< 2	< 5	< 5	7.78	< 0.01	< 0.001	10.4	< 0.002	< 0.01	< 0.005	0.89	0.4	< 0.01	0.52	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.1	0.21	< 0.005	< 0.01
B11816	11	< 5	< 5	0.32	< 0.01	< 0.001	0.26	0.009	0.09	< 0.005	3.96	< 0.1	< 0.01	25.8	0.06	0.288	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
B11817	< 2	< 5	< 5	5.11	< 0.01	< 0.001	17.1	0.004	0.15	< 0.005	3.67	< 0.1	< 0.01	6.99	0.12	0.052	< 0.01	< 0.01	< 0.01	22.0	0.11	< 0.005	< 0.01
B11818	< 2	< 5	7	1.32	< 0.01	< 0.001	1.00	0.014	0.55	< 0.005	7.97	< 0.1	< 0.01	22.0	0.11	0.201	< 0.01	0.01	< 0.01	17.2	0.07	< 0.005	< 0.01
B11819	< 2	< 5	7	1.02	< 0.01	< 0.001	0.76	0.014	0.57	0.008	7.41	< 0.1	< 0.01	22.6	0.12	0.214	< 0.01	0.03	< 0.01	17.7	0.06	< 0.005	< 0.01
B11820	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.57	0.014	0.58	0.006	7.47	< 0.1	< 0.01	22.8	0.12	0.209	< 0.01	0.02	< 0.01	17.3	0.06	< 0.005	< 0.01
B11821	< 2	5	5	0.96	< 0.01	< 0.001	0.22	0.013	0.55	0.011	7.32	< 0.1	< 0.01	23.2	0.11	0.222	< 0.01	0.03	< 0.01	17.6	0.05	< 0.005	< 0.01
B11822	< 2	< 5	12	1.01	< 0.01	< 0.001	0.36	0.012	0.55	0.009	7.08	< 0.1	< 0.01	23.0	0.11	0.229	< 0.01	0.03	< 0.01	17.8	0.05	< 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				0.22			0.39	0.012	1.56	0.005				30.3	0.08	0.373	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.115	13.6					3.10		7.58		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.410	33.4					10.7		25.4		5.91			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.2							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.3							20.3	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.37			2.94	8.18			0.02			2.03	13.1		16.6		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.8				0.27					4.46	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											43.2				0.27					4.47	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.91									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.076																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.406							0.18	33.9		0.27			57.0
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas								0.031			32.5			0.74				35.5	0.01				
CCU-1e Cert								0.0301			30.7			0.706				35.3	0.0104				
CDN-PGMS-27 Meas	4920	1990	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4550	1960	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				

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
CDN-PGMS-27 Meas	4870	2050	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1880	1620	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1680	213																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1890	1690	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11792 Orig	< 2	< 5	< 5																				
B11792 Dup	< 2	< 5	< 5																				
B11802 Orig	< 2	< 5	< 5																				
B11802 Dup	< 2	< 5	< 5																				
B11804 Orig				8.36	< 0.01	< 0.001	2.62	< 0.002	< 0.01	0.005	1.99	0.9	< 0.01	0.69	0.03	0.005	< 0.01	< 0.01	< 0.01	30.3	0.38	< 0.005	< 0.01
B11804 Dup				8.05	< 0.01	< 0.001	2.45	< 0.002	< 0.01	< 0.005	1.98	0.9	< 0.01	0.67	0.03	< 0.005	< 0.01	< 0.01	< 0.01	29.8	0.37	< 0.005	< 0.01
B11811 Orig				6.78	< 0.01	< 0.001	2.03	< 0.002	< 0.01	< 0.005	1.05	0.8	< 0.01	0.31	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.7	0.16	< 0.005	< 0.01
B11811 Dup				6.73	< 0.01	< 0.001	2.03	< 0.002	< 0.01	< 0.005	1.04	0.8	< 0.01	0.31	0.02	< 0.005	< 0.01	< 0.01	< 0.01	30.7	0.16	< 0.005	< 0.01
B11812 Orig	< 2	< 5	< 5																				
B11812 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	< 0.01	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05207**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford(CR20-C-A131)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-27 16:32:15

REPORT **A20-05207**

Notes:

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.: **A20-05207**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford(CR20-C-A131)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-29 13:27:32

REPORT **A20-05207**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0971134	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.18	0.011	0.68	< 0.005	6.09	< 0.1	< 0.01	24.4	0.09	0.265	< 0.01	0.02	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971135	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.17	0.011	0.66	< 0.005	5.86	< 0.1	< 0.01	24.2	0.08	0.264	< 0.01	0.02	< 0.01	16.6	0.05	< 0.005	0.01
A0971136	< 2	< 5	< 5	1.21	< 0.01	< 0.001	0.57	0.010	0.46	0.009	5.96	< 0.1	< 0.01	23.3	0.08	0.229	< 0.01	0.02	< 0.01	16.1	0.07	< 0.005	< 0.01
A0971137	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.15	0.011	0.68	< 0.005	6.14	< 0.1	< 0.01	24.0	0.08	0.294	< 0.01	0.02	< 0.01	16.3	0.06	< 0.005	< 0.01
A0971138	10	< 5	< 5	0.33	< 0.01	< 0.001	0.27	0.008	0.10	< 0.005	4.03	< 0.1	< 0.01	25.2	0.06	0.303	< 0.01	0.05	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971139	< 2	< 5	< 5	0.75	< 0.01	< 0.001	0.24	0.011	0.64	< 0.005	6.19	< 0.1	< 0.01	25.3	0.10	0.265	< 0.01	< 0.01	< 0.01	16.7	0.07	< 0.005	< 0.01
A0971140	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.05	0.012	0.69	< 0.005	5.71	< 0.1	< 0.01	25.5	0.08	0.271	< 0.01	0.04	< 0.01	17.2	0.02	< 0.005	< 0.01
A0971141	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.03	0.012	0.58	< 0.005	5.34	< 0.1	< 0.01	25.8	0.09	0.258	< 0.01	0.03	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971142	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.01	0.013	0.66	< 0.005	6.04	< 0.1	< 0.01	26.0	0.09	0.269	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971143	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.02	0.013	0.67	< 0.005	6.12	< 0.1	< 0.01	25.8	0.09	0.262	< 0.01	0.05	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971144	< 2	< 5	6	0.30	< 0.01	< 0.001	< 0.01	0.014	0.60	< 0.005	6.22	< 0.1	< 0.01	25.8	0.08	0.281	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005	< 0.01
A0971145	< 2	< 5	< 5	0.28	< 0.01	< 0.001	< 0.01	0.012	0.68	< 0.005	5.04	< 0.1	< 0.01	26.4	0.08	0.284	< 0.01	0.04	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971146	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.07	0.012	0.66	< 0.005	5.03	< 0.1	< 0.01	26.0	0.08	0.278	< 0.01	0.04	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971147	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.10	0.011	0.65	< 0.005	6.24	< 0.1	< 0.01	25.3	0.08	0.262	< 0.01	0.04	< 0.01	17.3	0.02	< 0.005	< 0.01
A0971148	< 2	< 5	< 5	6.44	< 0.01	< 0.001	7.28	0.002	0.03	< 0.005	3.20	1.2	< 0.01	2.25	0.06	0.010	< 0.01	0.03	< 0.01	27.0	0.24	< 0.005	< 0.01
A0971149	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.05	0.012	0.66	< 0.005	6.49	< 0.1	< 0.01	25.5	0.09	0.268	< 0.01	0.04	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971150	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.04	0.013	0.69	< 0.005	6.33	< 0.1	< 0.01	25.4	0.09	0.274	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971151	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.06	0.013	0.67	< 0.005	6.10	< 0.1	< 0.01	25.8	0.09	0.271	< 0.01	0.03	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971152	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.03	0.013	0.75	< 0.005	5.50	< 0.1	< 0.01	26.2	0.09	0.268	< 0.01	0.03	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971153	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.04	0.013	0.71	< 0.005	5.43	< 0.1	< 0.01	26.2	0.10	0.265	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971154	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.04	0.013	0.68	< 0.005	5.82	< 0.1	< 0.01	25.8	0.09	0.274	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971155	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.05	0.012	0.72	< 0.005	5.64	< 0.1	< 0.01	25.7	0.09	0.265	< 0.01	0.03	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971156	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.05	0.012	0.69	< 0.005	6.02	< 0.1	< 0.01	25.7	0.09	0.265	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971157	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.02	0.013	0.72	< 0.005	5.80	< 0.1	< 0.01	25.9	0.09	0.277	< 0.01	0.04	< 0.01	16.3	0.02	< 0.005	< 0.01
A0971158	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.08	0.012	0.74	< 0.005	5.77	< 0.1	< 0.01	25.6	0.09	0.276	< 0.01	0.02	< 0.01	17.2	0.02	< 0.005	< 0.01
A0971159	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.07	0.012	0.70	< 0.005	5.62	< 0.1	< 0.01	25.8	0.09	0.270	< 0.01	0.02	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971160	< 2	< 5	5	0.34	< 0.01	< 0.001	0.05	0.012	0.67	< 0.005	5.72	< 0.1	< 0.01	25.5	0.08	0.267	< 0.01	0.03	< 0.01	17.3	0.02	< 0.005	< 0.01
A0971161	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.04	0.013	0.71	< 0.005	5.96	< 0.1	< 0.01	25.7	0.09	0.272	< 0.01	0.04	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971162	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.05	0.013	0.70	< 0.005	6.08	< 0.1	< 0.01	25.4	0.09	0.274	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971163	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.07	0.012	0.71	< 0.005	5.87	< 0.1	< 0.01	25.3	0.09	0.266	< 0.01	0.01	< 0.01	17.4	0.02	< 0.005	< 0.01
A0971164	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.04	0.013	0.68	< 0.005	6.06	< 0.1	< 0.01	25.7	0.09	0.271	< 0.01	0.01	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971165	2	< 5	< 5	0.34	< 0.01	< 0.001	0.05	0.013	0.71	< 0.005	5.96	< 0.1	< 0.01	25.7	0.09	0.267	< 0.01	0.01	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971166	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.02	0.013	0.71	< 0.005	5.82	< 0.1	< 0.01	26.1	0.09	0.276	< 0.01	< 0.01	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971167	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.013	0.71	< 0.005	5.90	< 0.1	< 0.01	26.0	0.09	0.271	< 0.01	< 0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971168	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.04	0.013	0.70	< 0.005	6.09	< 0.1	< 0.01	26.0	0.10	0.272	< 0.01	0.01	< 0.01	16.6	0.02	< 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				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4920	1990	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4550	1960	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4870	2050	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1880	1620	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1680	213																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1890	1690	219																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971143 Orig	< 2	< 5	< 5																				
A0971143 Dup	4	< 5	< 5																				
A0971145 Orig				0.28	< 0.01	< 0.001	< 0.01	0.012	0.68	< 0.005	5.02	< 0.1	< 0.01	26.5	0.08	0.286	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971145 Dup				0.28	< 0.01	< 0.001	0.03	0.012	0.67	< 0.005	5.06	< 0.1	< 0.01	26.4	0.08	0.282	< 0.01	0.04	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971151 Orig				0.31	< 0.01	< 0.001	0.05	0.012	0.67	< 0.005	6.07	< 0.1	< 0.01	25.6	0.09	0.269	< 0.01	0.02	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971151 Dup				0.30	< 0.01	< 0.001	0.07	0.013	0.66	< 0.005	6.14	< 0.1	< 0.01	25.9	0.09	0.272	< 0.01	0.04	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971153 Orig	< 2	< 5	< 5																				
A0971153 Dup	< 2	< 5	< 5																				
A0971163 Orig	< 2	< 5	< 5																				
A0971163 Dup	< 2	< 5	< 5																				
A0971167 Orig				0.29	< 0.01	< 0.001	0.02	0.013	0.70	< 0.005	5.94	< 0.1	< 0.01	25.9	0.09	0.270	< 0.01	< 0.01	< 0.01	16.3	0.02	< 0.005	< 0.01
A0971167 Dup				0.32	< 0.01	< 0.001	< 0.01	0.013	0.72	< 0.005	5.85	< 0.1	< 0.01	26.2	0.09	0.272	< 0.01	< 0.01	< 0.01	16.7	0.02	< 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	0.04	< 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																				

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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05208**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford (CR20-C-A132)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-05-29 11:58:31

REPORT **A20-05208**

Notes:

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.: **A20-05208**
Report Date: **01-Jun-20**
Date Submitted: **19-May-20**
Your Reference: **Crawford (CR20-C-A132)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-26 17:54:28

REPORT **A20-05208**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0971169	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.04	0.012	0.72	< 0.005	5.78	< 0.1	< 0.01	25.6	0.10	0.268	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971170	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.02	0.012	0.67	< 0.005	5.42	< 0.1	< 0.01	25.7	0.09	0.261	< 0.01	0.01	< 0.01	16.8	0.02	0.011	< 0.01
A0971171	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.03	0.012	0.73	< 0.005	5.59	< 0.1	< 0.01	26.0	0.09	0.274	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971172	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.04	0.012	0.63	< 0.005	6.17	< 0.1	< 0.01	25.2	0.09	0.247	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971173	11	< 5	< 5	0.33	< 0.01	< 0.001	0.27	0.009	0.09	< 0.005	3.98	< 0.1	< 0.01	26.2	0.06	0.290	< 0.01	0.06	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971174	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.04	0.012	0.70	< 0.005	5.82	< 0.1	< 0.01	25.7	0.10	0.265	< 0.01	0.01	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971175	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.02	0.013	0.74	< 0.005	6.11	< 0.1	< 0.01	25.7	0.10	0.266	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971176	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.02	0.013	0.75	< 0.005	5.95	< 0.1	< 0.01	25.8	0.10	0.268	< 0.01	0.02	< 0.01	16.3	0.02	< 0.005	< 0.01
A0971177	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.04	0.013	0.71	< 0.005	6.34	< 0.1	< 0.01	25.7	0.10	0.271	< 0.01	0.02	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971178	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.04	0.012	0.71	< 0.005	6.35	< 0.1	< 0.01	25.4	0.10	0.269	< 0.01	< 0.01	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971179	3	< 5	< 5	0.46	< 0.01	< 0.001	0.06	0.012	0.76	< 0.005	6.52	< 0.1	< 0.01	24.9	0.09	0.268	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971180	2	< 5	< 5	0.37	< 0.01	< 0.001	0.03	0.012	0.72	< 0.005	6.07	< 0.1	< 0.01	25.6	0.09	0.266	< 0.01	< 0.01	< 0.01	16.3	0.02	< 0.005	< 0.01
A0971181	8	< 5	< 5	0.46	< 0.01	< 0.001	0.10	0.012	0.68	< 0.005	6.05	< 0.1	< 0.01	25.1	0.08	0.261	< 0.01	0.02	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971182	5	< 5	< 5	0.35	< 0.01	< 0.001	0.05	0.013	0.70	< 0.005	5.87	< 0.1	< 0.01	25.6	0.09	0.256	< 0.01	< 0.01	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971183	< 2	< 5	< 5	7.62	< 0.01	< 0.001	3.39	0.002	0.01	< 0.005	3.77	2.1	< 0.01	1.83	0.07	0.008	< 0.01	0.04	< 0.01	28.4	0.30	< 0.005	< 0.01
A0971184	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.06	0.012	0.73	< 0.005	5.34	< 0.1	< 0.01	25.3	0.10	0.261	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971185	4	< 5	< 5	0.40	< 0.01	< 0.001	0.06	0.012	0.74	< 0.005	5.81	< 0.1	< 0.01	25.5	0.09	0.256	< 0.01	0.01	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971186	5	6	< 5	0.45	< 0.01	< 0.001	0.16	0.014	0.70	0.029	6.02	< 0.1	< 0.01	25.1	0.09	0.333	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971187	2	< 5	< 5	0.40	< 0.01	< 0.001	0.03	0.014	0.74	0.005	6.21	< 0.1	< 0.01	26.7	0.10	0.272	< 0.01	0.01	< 0.01	17.8	0.02	< 0.005	< 0.01
A0971188	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.06	0.012	0.74	< 0.005	5.78	< 0.1	< 0.01	25.5	0.09	0.253	< 0.01	< 0.01	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971189	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.04	0.012	0.72	< 0.005	6.52	< 0.1	< 0.01	25.1	0.09	0.252	< 0.01	< 0.01	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971190	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.06	0.013	0.74	0.006	6.13	< 0.1	< 0.01	25.5	0.10	0.283	< 0.01	0.03	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971191	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.09	0.012	0.72	< 0.005	5.36	< 0.1	< 0.01	24.8	0.10	0.250	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971192	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.04	0.013	0.76	< 0.005	5.91	< 0.1	< 0.01	25.9	0.10	0.257	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971193	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.06	0.013	0.72	< 0.005	6.11	< 0.1	< 0.01	25.6	0.10	0.257	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971194	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.08	0.012	0.77	< 0.005	5.82	< 0.1	< 0.01	25.6	0.10	0.260	< 0.01	< 0.01	< 0.01	17.2	0.02	< 0.005	< 0.01
A0971195	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.07	0.014	0.78	< 0.005	6.10	< 0.1	< 0.01	26.2	0.11	0.260	< 0.01	0.01	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971196	2	< 5	< 5	0.43	< 0.01	< 0.001	0.09	0.013	0.77	< 0.005	6.06	< 0.1	< 0.01	25.3	0.10	0.298	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971197	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.05	0.013	0.76	< 0.005	5.78	< 0.1	< 0.01	26.2	0.11	0.257	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971198	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.02	0.012	0.67	< 0.005	5.92	< 0.1	< 0.01	25.5	0.09	0.248	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
A0971199	2	< 5	< 5	0.47	< 0.01	< 0.001	0.06	0.013	0.78	< 0.005	5.94	< 0.1	< 0.01	25.7	0.10	0.255	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0971200	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.04	0.013	0.77	< 0.005	6.23	< 0.1	< 0.01	26.0	0.10	0.265	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0971201	12	< 5	6	0.42	< 0.01	< 0.001	0.04	0.013	0.81	< 0.005	5.91	< 0.1	< 0.01	25.9	0.11	0.282	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01
A0971202	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.04	0.013	0.74	< 0.005	6.36	< 0.1	< 0.01	25.4	0.10	0.256	< 0.01	0.01	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971203	14	< 5	12	0.48	< 0.01	< 0.001	0.06	0.013	0.78	0.005	6.53	< 0.1	< 0.01	25.5	0.09	0.271	< 0.01	0.03	< 0.01	16.7	0.03	< 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				0.22			0.39	0.012	1.56	0.005				30.3	0.08	0.373	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.055	0.17	0.115	13.6					3.10		7.58		15.0			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.410	33.4					10.7		25.4		5.91			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.134	12.2							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.135	12.3							20.3	0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.37			2.94	8.18			0.02			2.03	13.1		16.6		0.106	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.8				0.27					4.46	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											43.2				0.27					4.47	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.91									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.076																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.406							0.18	33.9		0.27			57.0
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
CCU-1e Meas								0.031			32.5			0.74				35.5	0.01				
CCU-1e Cert								0.0301			30.7			0.706				35.3	0.0104				
CDN-PGMS-27 Meas	4760	1980	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4670	2070	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				

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
CDN-PGMS-27 Meas	4490	1930	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1940	1690	226																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1880	1640	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1760	1660	243																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971173 Orig				0.33	< 0.01	< 0.001	0.30	0.009	0.09	< 0.005	3.99	< 0.1	< 0.01	26.2	0.06	0.291	< 0.01	0.06	< 0.01	17.2	0.02	< 0.005	< 0.01
A0971173 Dup				0.33	< 0.01	< 0.001	0.23	0.009	0.09	< 0.005	3.97	< 0.1	< 0.01	26.2	0.06	0.290	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971178 Orig	< 2	< 5	< 5																				
A0971178 Dup	< 2	< 5	< 5																				
A0971181 Orig				0.43	< 0.01	< 0.001	0.02	0.012	0.68	< 0.005	5.98	< 0.1	< 0.01	25.1	0.08	0.256	< 0.01	0.02	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971181 Dup				0.48	< 0.01	< 0.001	0.17	0.012	0.69	< 0.005	6.11	< 0.1	< 0.01	25.0	0.08	0.267	< 0.01	0.03	< 0.01	17.2	0.02	< 0.005	< 0.01
A0971188 Orig	< 2	< 5	< 5																				
A0971188 Dup	< 2	< 5	< 5																				
A0971195 Orig				0.40	< 0.01	< 0.001	0.05	0.014	0.78	< 0.005	6.15	< 0.1	< 0.01	26.7	0.11	0.265	< 0.01	0.02	< 0.01	17.3	0.02	< 0.005	< 0.01
A0971195 Dup				0.40	< 0.01	< 0.001	0.09	0.013	0.78	< 0.005	6.06	< 0.1	< 0.01	25.7	0.11	0.256	< 0.01	0.01	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971198 Orig	< 2	< 5	< 5																				
A0971198 Dup	< 2	< 5	< 5																				
A0971202 Orig				0.46	< 0.01	< 0.001	0.06	0.013	0.74	< 0.005	6.35	< 0.1	< 0.01	25.2	0.10	0.254	< 0.01	0.01	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971202 Dup				0.46	< 0.01	< 0.001	0.02	0.013	0.73	< 0.005	6.38	< 0.1	< 0.01	25.5	0.10	0.258	< 0.01	0.01	< 0.01	16.6	0.03	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05307**
Report Date: **02-Jun-20**
Date Submitted: **20-May-20**
Your Reference: **Crawford (CR20-C-A133)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-01 12:34:47
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-28 18:31:42

REPORT **A20-05307**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971204	4	< 5	< 5	0.55	< 0.01	< 0.001	0.03	0.013	0.80	< 0.005	7.70	< 0.1	< 0.01	24.6	0.09	0.272	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971205	2	< 5	< 5	0.52	< 0.01	< 0.001	0.05	0.012	0.66	< 0.005	5.39	< 0.1	< 0.01	25.5	0.09	0.254	< 0.01	0.02	< 0.01	17.4	0.03	< 0.005	< 0.01
A0971206	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.03	0.013	0.79	< 0.005	6.44	< 0.1	< 0.01	25.4	0.10	0.269	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
A0971207	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.09	0.012	0.79	< 0.005	6.09	< 0.1	< 0.01	24.9	0.09	0.259	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0971208	11	< 5	< 5	0.32	< 0.01	< 0.001	0.22	0.010	0.10	< 0.005	4.10	< 0.1	< 0.01	26.2	0.06	0.294	< 0.01	0.07	< 0.01	16.9	0.02	< 0.005	< 0.01
A0971209	91	14	29	0.71	< 0.01	< 0.001	0.11	0.012	0.80	0.006	5.64	< 0.1	< 0.01	25.1	0.09	0.254	< 0.01	0.04	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971210	5	< 5	< 5	0.46	< 0.01	< 0.001	0.07	0.013	0.77	< 0.005	5.96	< 0.1	< 0.01	25.4	0.10	0.256	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971211	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.03	0.012	0.86	< 0.005	6.54	< 0.1	< 0.01	25.1	0.09	0.280	< 0.01	0.05	< 0.01	17.2	0.03	< 0.005	< 0.01
A0971212	< 2	< 5	< 5	0.55	< 0.01	< 0.001	0.08	0.012	0.85	< 0.005	6.78	< 0.1	< 0.01	24.3	0.09	0.273	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	< 0.01
A0971213	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.06	0.012	0.85	< 0.005	6.77	< 0.1	< 0.01	24.7	0.09	0.272	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971214	2	< 5	< 5	0.54	< 0.01	< 0.001	0.04	0.013	0.81	0.006	7.02	< 0.1	< 0.01	24.2	0.09	0.279	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971215	4	< 5	< 5	0.50	< 0.01	< 0.001	0.09	0.013	0.82	< 0.005	6.57	< 0.1	< 0.01	24.8	0.10	0.272	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005	< 0.01
A0971216	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.05	0.014	0.83	< 0.005	6.66	< 0.1	< 0.01	25.2	0.10	0.266	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971217	2	< 5	< 5	0.56	< 0.01	< 0.001	0.12	0.012	0.86	< 0.005	6.40	< 0.1	< 0.01	24.7	0.09	0.274	< 0.01	0.04	< 0.01	17.2	0.03	< 0.005	< 0.01
A0971218	< 2	< 5	< 5	6.83	< 0.01	< 0.001	4.25	0.002	0.03	< 0.005	3.86	1.8	< 0.01	2.39	0.07	0.012	< 0.01	0.03	< 0.01	29.0	0.28	< 0.005	< 0.01
A0971219	3	< 5	< 5	0.54	< 0.01	< 0.001	0.08	0.012	0.80	< 0.005	6.83	< 0.1	< 0.01	24.6	0.09	0.264	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971220	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.05	0.013	0.82	< 0.005	6.30	< 0.1	< 0.01	25.2	0.10	0.264	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0971221	2	< 5	< 5	0.49	< 0.01	< 0.001	0.08	0.013	0.82	< 0.005	6.14	< 0.1	< 0.01	25.1	0.10	0.270	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0971222	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.07	0.012	0.80	< 0.005	6.45	< 0.1	< 0.01	24.8	0.10	0.263	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
A0971223	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.09	0.013	0.82	< 0.005	6.17	< 0.1	< 0.01	25.1	0.10	0.267	< 0.01	0.02	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971224	< 2	6	< 5	0.56	< 0.01	< 0.001	0.08	0.013	0.83	< 0.005	7.09	< 0.1	< 0.01	24.3	0.09	0.269	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
A0971225	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.08	0.013	0.77	< 0.005	5.95	< 0.1	< 0.01	25.1	0.10	0.257	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0971226	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.07	0.013	0.81	< 0.005	7.01	< 0.1	< 0.01	24.8	0.10	0.259	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971227	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.09	0.013	0.83	< 0.005	6.07	< 0.1	< 0.01	25.2	0.11	0.261	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0971228	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.08	0.013	0.79	< 0.005	6.75	< 0.1	< 0.01	24.7	0.10	0.254	< 0.01	0.02	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971229	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.08	0.013	0.78	< 0.005	6.04	< 0.1	< 0.01	25.1	0.11	0.256	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
A0971230	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.10	0.013	0.77	< 0.005	6.78	< 0.1	< 0.01	24.5	0.10	0.253	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0971231	3	< 5	< 5	0.51	< 0.01	< 0.001	0.06	0.014	0.81	< 0.005	6.21	< 0.1	< 0.01	25.1	0.11	0.257	< 0.01	0.04	< 0.01	16.8	0.03	< 0.005	< 0.01
A0971232	4	9	< 5	0.60	< 0.01	< 0.001	0.08	0.013	0.94	< 0.005	5.93	< 0.1	< 0.01	25.0	0.10	0.262	< 0.01	0.04	< 0.01	17.1	0.03	< 0.005	< 0.01
A0971233	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.09	0.013	0.81	< 0.005	5.85	< 0.1	< 0.01	25.1	0.10	0.249	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0971234	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.08	0.012	0.82	< 0.005	5.70	< 0.1	< 0.01	24.9	0.10	0.250	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
A0971235	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.10	0.013	0.80	< 0.005	6.65	< 0.1	< 0.01	24.6	0.09	0.250	< 0.01	0.04	< 0.01	17.1	0.03	< 0.005	< 0.01
A0971236	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.05	0.013	0.83	< 0.005	6.64	< 0.1	< 0.01	25.3	0.10	0.261	< 0.01	0.03	< 0.01	17.2	0.03	< 0.005	< 0.01
A0971237	22	< 5	11	0.51	< 0.01	< 0.001	0.10	0.013	0.82	< 0.005	6.08	< 0.1	< 0.01	25.0	0.10	0.267	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0971238	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.09	0.013	0.78	< 0.005	6.62	< 0.1	< 0.01	25.0	0.10	0.256	< 0.01	0.02	< 0.01	17.1	0.03	< 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				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4720	1960	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4710	2070	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4660	2070	1350																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1720	1600	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1840	1630	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1960	1740	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971208 Orig				0.32	< 0.01	< 0.001	0.22	0.010	0.10	< 0.005	4.12	< 0.1	< 0.01	26.3	0.06	0.295	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971208 Dup				0.33	< 0.01	< 0.001	0.23	0.009	0.10	< 0.005	4.08	< 0.1	< 0.01	26.1	0.06	0.293	< 0.01	0.08	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971213 Orig	< 2	< 5	< 5																				
A0971213 Dup	< 2	< 5	< 5																				
A0971223 Orig	< 2	< 5	< 5																				
A0971223 Dup	< 2	< 5	< 5																				
A0971228 Orig				0.54	< 0.01	< 0.001	0.09	0.013	0.79	< 0.005	6.73	< 0.1	< 0.01	24.7	0.10	0.257	< 0.01	0.02	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971228 Dup				0.53	< 0.01	< 0.001	0.07	0.013	0.80	< 0.005	6.78	< 0.1	< 0.01	24.7	0.10	0.251	< 0.01	0.02	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971233 Orig	< 2	< 5	< 5																				
A0971233 Dup	< 2	< 5	< 5																				
A0971235 Orig				0.53	< 0.01	< 0.001	0.11	0.012	0.80	< 0.005	6.68	< 0.1	< 0.01	24.5	0.09	0.254	< 0.01	0.02	< 0.01	17.2	0.03	< 0.005	< 0.01
A0971235 Dup				0.54	< 0.01	< 0.001	0.08	0.013	0.80	< 0.005	6.61	< 0.1	< 0.01	24.6	0.09	0.246	< 0.01	0.06	< 0.01	16.9	0.03	< 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	0.04	< 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																				

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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05308**
Report Date: **03-Jun-20**
Date Submitted: **20-May-20**
Your Reference: **Crawford (CR20-C-D04)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-02 09:33:40

REPORT **A20-05308**

Notes:

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.: **A20-05308**
Report Date: **03-Jun-20**
Date Submitted: **20-May-20**
Your Reference: **Crawford (CR20-C-D04)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-28 18:31:42

REPORT **A20-05308**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11823	< 2	< 5	8	1.10	< 0.01	< 0.001	0.38	0.013	0.66	0.007	6.92	< 0.1	< 0.01	22.9	0.11	0.229	< 0.01	0.03	< 0.01	18.1	0.05	< 0.005	< 0.01
B11824	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.15	0.013	0.65	< 0.005	6.98	< 0.1	< 0.01	23.8	0.11	0.236	< 0.01	0.03	< 0.01	18.1	0.05	< 0.005	< 0.01
B11825	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.16	0.013	0.67	< 0.005	7.66	< 0.1	< 0.01	23.4	0.10	0.235	< 0.01	0.04	< 0.01	17.3	0.05	< 0.005	< 0.01
B11826	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.24	0.013	0.72	< 0.005	6.71	< 0.1	< 0.01	23.7	0.11	0.232	< 0.01	0.03	< 0.01	17.6	0.05	< 0.005	< 0.01
B11827	< 2	7	6	1.09	< 0.01	< 0.001	0.19	0.013	0.73	< 0.005	7.47	< 0.1	< 0.01	23.4	0.11	0.235	< 0.01	0.03	< 0.01	17.3	0.06	< 0.005	< 0.01
B11828	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.31	0.013	0.66	< 0.005	6.48	< 0.1	< 0.01	23.6	0.11	0.232	< 0.01	0.02	< 0.01	17.9	0.05	< 0.005	< 0.01
B11829	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.35	0.013	0.66	< 0.005	6.55	< 0.1	< 0.01	23.6	0.10	0.228	< 0.01	0.02	< 0.01	17.8	0.05	< 0.005	< 0.01
B11830	< 2	< 5	< 5	1.05	< 0.01	< 0.001	0.33	0.013	0.64	< 0.005	6.59	< 0.1	< 0.01	23.4	0.10	0.227	< 0.01	0.03	< 0.01	17.8	0.06	< 0.005	< 0.01
B11831	< 2	6	< 5	0.89	< 0.01	< 0.001	0.35	0.013	0.64	< 0.005	6.51	< 0.1	< 0.01	23.6	0.11	0.233	< 0.01	0.03	< 0.01	17.8	0.05	< 0.005	< 0.01
B11832	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.28	0.013	0.70	< 0.005	6.46	< 0.1	< 0.01	23.9	0.10	0.248	< 0.01	0.03	< 0.01	17.3	0.05	< 0.005	< 0.01
B11833	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.30	0.013	0.69	< 0.005	6.44	< 0.1	< 0.01	23.9	0.10	0.249	< 0.01	0.03	< 0.01	18.0	0.05	< 0.005	< 0.01
B11834	< 2	< 5	< 5	0.90	< 0.01	< 0.001	0.21	0.014	0.68	< 0.005	7.32	< 0.1	< 0.01	24.0	0.11	0.247	< 0.01	0.02	< 0.01	17.0	0.05	< 0.005	< 0.01
B11835	8	< 5	< 5	0.84	< 0.01	< 0.001	0.19	0.013	0.65	< 0.005	6.46	< 0.1	< 0.01	24.2	0.10	0.241	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
B11836	< 2	< 5	< 5	0.86	< 0.01	< 0.001	0.19	0.013	0.64	< 0.005	6.49	< 0.1	< 0.01	24.2	0.10	0.238	< 0.01	< 0.01	< 0.01	17.5	0.05	< 0.005	< 0.01
B11837	< 2	< 5	< 5	0.83	< 0.01	< 0.001	0.19	0.013	0.68	< 0.005	6.52	< 0.1	< 0.01	24.3	0.11	0.243	< 0.01	0.02	< 0.01	17.4	0.05	< 0.005	< 0.01
B11838	< 2	< 5	< 5	0.86	< 0.01	< 0.001	0.14	0.014	0.71	< 0.005	7.46	< 0.1	< 0.01	24.0	0.10	0.251	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
B11839	< 2	< 5	< 5	0.93	< 0.01	< 0.001	0.17	0.013	0.73	< 0.005	6.84	< 0.1	< 0.01	23.8	0.10	0.241	< 0.01	0.02	< 0.01	17.7	0.05	< 0.005	< 0.01
B11840	< 2	< 5	< 5	0.95	< 0.01	< 0.001	0.19	0.012	0.67	< 0.005	7.08	< 0.1	< 0.01	23.8	0.10	0.236	< 0.01	0.02	< 0.01	17.6	0.05	< 0.005	< 0.01
B11841	2	< 5	< 5	0.87	< 0.01	< 0.001	0.26	0.014	0.73	< 0.005	9.10	< 0.1	< 0.01	23.3	0.10	0.242	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
B11842	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.19	0.013	0.72	< 0.005	6.27	< 0.1	< 0.01	24.5	0.11	0.247	< 0.01	0.02	< 0.01	17.5	0.04	< 0.005	< 0.01
B11843	< 2	< 5	< 5	6.32	< 0.01	< 0.001	5.73	0.003	0.05	< 0.005	3.59	1.4	< 0.01	3.26	0.07	0.020	< 0.01	0.03	< 0.01	27.9	0.26	< 0.005	< 0.01
B11844	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.21	0.012	0.72	< 0.005	6.04	< 0.1	< 0.01	24.2	0.10	0.245	< 0.01	0.02	< 0.01	17.5	0.04	< 0.005	< 0.01
B11845	< 2	< 5	< 5	0.86	< 0.01	< 0.001	0.22	0.013	0.71	< 0.005	6.54	< 0.1	< 0.01	24.1	0.10	0.246	< 0.01	0.02	< 0.01	17.6	0.04	< 0.005	< 0.01
B11846	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.20	0.013	0.73	< 0.005	6.50	< 0.1	< 0.01	24.2	0.11	0.246	< 0.01	0.01	< 0.01	16.9	0.04	< 0.005	< 0.01
B11847	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.30	0.013	0.71	< 0.005	6.87	< 0.1	< 0.01	24.4	0.10	0.248	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
B11848	6	< 5	5	0.77	< 0.01	< 0.001	0.15	0.013	0.75	< 0.005	6.31	< 0.1	< 0.01	24.5	0.10	0.251	< 0.01	0.02	< 0.01	17.4	0.04	< 0.005	< 0.01
B11849	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.11	0.013	0.81	< 0.005	6.68	< 0.1	< 0.01	24.7	0.10	0.258	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
B11850	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.09	0.014	0.79	< 0.005	6.46	< 0.1	< 0.01	25.2	0.11	0.274	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
B11851	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.08	0.013	0.73	< 0.005	5.93	< 0.1	< 0.01	25.6	0.12	0.274	< 0.01	0.03	< 0.01	16.8	0.02	< 0.005	< 0.01
B11852	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.05	0.013	0.66	< 0.005	5.78	< 0.1	< 0.01	26.1	0.12	0.272	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
B11853	11	< 5	< 5	0.32	< 0.01	< 0.001	0.23	0.010	0.10	< 0.005	4.11	< 0.1	< 0.01	26.2	0.06	0.294	< 0.01	0.07	< 0.01	16.9	0.02	< 0.005	< 0.01
B11854	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.08	0.012	0.60	< 0.005	6.44	< 0.1	< 0.01	25.4	0.10	0.275	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
B11855	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.10	0.013	0.61	< 0.005	6.08	< 0.1	< 0.01	25.3	0.11	0.280	< 0.01	0.05	< 0.01	17.0	0.02	< 0.005	< 0.01
B11856	4	< 5	< 5	0.41	< 0.01	< 0.001	0.07	0.013	0.72	< 0.005	6.13	< 0.1	< 0.01	25.4	0.11	0.284	< 0.01	0.02	< 0.01	16.8	0.02	< 0.005	< 0.01
B11857	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.11	0.012	0.75	< 0.005	5.99	< 0.1	< 0.01	24.9	0.09	0.313	< 0.01	0.04	< 0.01	16.9	0.04	< 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				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4600	1970	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4620	1980	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	5330	2030	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1600	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1860	1620	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1820	1640	238																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11832 Orig	< 2	< 5	< 5																				
B11832 Dup	< 2	< 5	< 5																				
B11834 Orig				0.89	< 0.01	< 0.001	0.21	0.014	0.69	< 0.005	7.37	< 0.1	< 0.01	24.1	0.11	0.247	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
B11834 Dup				0.91	< 0.01	< 0.001	0.21	0.014	0.68	< 0.005	7.27	< 0.1	< 0.01	23.9	0.11	0.247	< 0.01	0.02	< 0.01	16.8	0.05	< 0.005	< 0.01
B11840 Orig				0.97	< 0.01	< 0.001	0.22	0.012	0.68	< 0.005	7.12	< 0.1	< 0.01	23.7	0.10	0.237	< 0.01	0.03	< 0.01	17.8	0.05	< 0.005	< 0.01
B11840 Dup				0.93	< 0.01	< 0.001	0.15	0.012	0.67	< 0.005	7.03	< 0.1	< 0.01	23.8	0.10	0.235	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
B11842 Orig	< 2	< 5	< 5																				
B11842 Dup	3	< 5	< 5																				
B11852 Orig	< 2	< 5	< 5																				
B11852 Dup	< 2	< 5	< 5																				
B11857 Orig				0.64	< 0.01	< 0.001	0.14	0.012	0.75	< 0.005	5.98	< 0.1	< 0.01	24.6	0.09	0.312	< 0.01	0.05	< 0.01	17.1	0.04	< 0.005	< 0.01
B11857 Dup				0.63	< 0.01	< 0.001	0.08	0.012	0.74	< 0.005	6.01	< 0.1	< 0.01	25.2	0.09	0.314	< 0.01	0.04	< 0.01	16.7	0.04	< 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	0.04	< 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																				

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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05310**
Report Date: **03-Jun-20**
Date Submitted: **20-May-20**
Your Reference: **Crawford (CR20-C-A134)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

31 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)	2020-05-28 18:31:42

REPORT **A20-05310**

Notes:

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.: **A20-05310**
Report Date: **03-Jun-20**
Date Submitted: **20-May-20**
Your Reference: **Crawford (CR20-C-A134)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

31 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-02 09:33:40

REPORT **A20-05310**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0971239	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.07	0.013	0.83	< 0.005	6.71	< 0.1	< 0.01	24.8	0.10	0.269	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
A0971240	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.06	0.013	0.87	< 0.005	6.23	< 0.1	< 0.01	25.0	0.10	0.267	< 0.01	0.04	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971241	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.08	0.013	0.85	< 0.005	6.84	< 0.1	< 0.01	24.7	0.10	0.267	< 0.01	0.05	< 0.01	16.7	0.03	< 0.005	< 0.01
A0971242	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.05	0.013	0.75	< 0.005	6.96	< 0.1	< 0.01	24.5	0.09	0.265	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0971243	11	< 5	< 5	0.34	< 0.01	< 0.001	0.25	0.009	0.10	< 0.005	4.10	< 0.1	< 0.01	25.9	0.06	0.293	< 0.01	0.07	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971244	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.11	0.012	0.70	< 0.005	6.51	< 0.1	< 0.01	24.4	0.09	0.262	< 0.01	0.04	< 0.01	17.0	0.03	< 0.005	< 0.01
A0971245	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.10	0.013	0.77	0.005	7.50	< 0.1	< 0.01	23.9	0.09	0.257	< 0.01	0.03	< 0.01	16.9	0.03	< 0.005	< 0.01
A0971246	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.12	0.013	0.77	< 0.005	6.62	< 0.1	< 0.01	24.1	0.09	0.255	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005	< 0.01
A0971247	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.08	0.013	0.81	< 0.005	7.12	< 0.1	< 0.01	23.9	0.09	0.266	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005	< 0.01
A0971248	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.11	0.013	0.82	< 0.005	7.01	< 0.1	< 0.01	23.7	0.09	0.265	< 0.01	0.05	< 0.01	17.1	0.04	< 0.005	< 0.01
A0971249	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.08	0.012	0.73	< 0.005	6.92	< 0.1	< 0.01	24.2	0.08	0.253	< 0.01	0.04	< 0.01	17.0	0.04	< 0.005	< 0.01
A0971250	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.13	0.013	0.75	< 0.005	6.56	< 0.1	< 0.01	23.9	0.09	0.260	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0971251	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.08	0.013	0.74	< 0.005	6.89	< 0.1	< 0.01	23.9	0.08	0.247	< 0.01	0.04	< 0.01	17.3	0.04	< 0.005	< 0.01
A0971252	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.09	0.012	0.76	< 0.005	6.95	< 0.1	< 0.01	23.6	0.08	0.259	< 0.01	0.06	< 0.01	17.3	0.04	< 0.005	< 0.01
A0971253	< 2	< 5	< 5	6.86	< 0.01	< 0.001	4.54	0.002	0.03	< 0.005	3.63	1.6	< 0.01	2.54	0.07	0.011	< 0.01	0.04	< 0.01	28.2	0.27	< 0.005	< 0.01
A0971254	< 2	< 5	6	0.84	< 0.01	< 0.001	0.08	0.012	0.81	< 0.005	6.16	< 0.1	< 0.01	23.9	0.08	0.262	< 0.01	0.06	< 0.01	17.4	0.04	< 0.005	< 0.01
A0971255	< 2	< 5	7	0.66	< 0.01	< 0.001	0.06	0.013	0.77	< 0.005	6.38	< 0.1	< 0.01	24.6	0.11	0.246	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
A0971256	< 2	< 5	< 5	0.82	< 0.01	< 0.001	0.11	0.013	0.77	0.005	6.72	< 0.1	< 0.01	24.0	0.09	0.246	< 0.01	0.04	< 0.01	17.3	0.04	< 0.005	< 0.01
A0971257	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.09	0.012	0.79	< 0.005	6.60	< 0.1	< 0.01	24.1	0.10	0.260	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005	< 0.01
A0971258	< 2	6	< 5	0.67	< 0.01	< 0.001	0.05	0.013	0.82	< 0.005	6.46	< 0.1	< 0.01	24.6	0.11	0.257	< 0.01	0.05	< 0.01	17.0	0.04	< 0.005	< 0.01
A0971259	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.09	0.013	0.78	< 0.005	6.39	< 0.1	< 0.01	24.6	0.11	0.252	< 0.01	0.04	< 0.01	17.2	0.04	< 0.005	< 0.01
A0971260	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.16	0.013	0.68	< 0.005	7.31	< 0.1	< 0.01	23.5	0.08	0.236	< 0.01	0.03	< 0.01	17.6	0.06	< 0.005	< 0.01
A0971261	< 2	< 5	< 5	1.12	< 0.01	< 0.001	0.19	0.013	0.66	< 0.005	7.78	< 0.1	< 0.01	23.3	0.10	0.231	< 0.01	0.03	< 0.01	17.7	0.06	< 0.005	< 0.01
A0971262	< 2	< 5	< 5	1.05	< 0.01	< 0.001	0.33	0.014	0.64	< 0.005	8.23	< 0.1	< 0.01	22.8	0.10	0.284	< 0.01	0.02	< 0.01	17.5	0.06	< 0.005	< 0.01
A0971263	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.30	0.013	0.64	< 0.005	6.95	< 0.1	< 0.01	23.3	0.11	0.227	< 0.01	0.03	< 0.01	17.7	0.06	< 0.005	< 0.01
A0971264	< 2	< 5	< 5	1.08	< 0.01	< 0.001	0.47	0.013	0.60	< 0.005	7.54	< 0.1	< 0.01	23.3	0.11	0.225	< 0.01	0.05	< 0.01	17.9	0.06	< 0.005	< 0.01
A0971265	< 2	< 5	< 5	1.08	< 0.01	< 0.001	0.45	0.013	0.62	< 0.005	7.21	< 0.1	< 0.01	23.0	0.11	0.221	< 0.01	0.02	< 0.01	17.8	0.07	< 0.005	< 0.01
A0971266	< 2	< 5	< 5	0.97	< 0.01	< 0.001	0.41	0.013	0.62	< 0.005	7.89	< 0.1	< 0.01	23.0	0.11	0.221	< 0.01	0.02	< 0.01	17.3	0.06	< 0.005	< 0.01
A0971267	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.78	0.013	0.62	0.020	7.04	< 0.1	< 0.01	22.8	0.11	0.218	< 0.01	0.04	< 0.01	17.8	0.06	< 0.005	< 0.01
A0971268	< 2	12	6	1.18	< 0.01	< 0.001	1.24	0.014	0.53	0.015	8.07	< 0.1	< 0.01	22.1	0.11	0.182	< 0.01	0.02	< 0.01	17.9	0.07	< 0.005	< 0.01
A0971269	< 2	< 5	6	1.26	< 0.01	< 0.001	1.72	0.014	0.46	0.011	8.11	< 0.1	< 0.01	21.6	0.11	0.152	< 0.01	0.01	< 0.01	18.0	0.07	< 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				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4600	1970	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4620	1980	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	5330	2030	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1600	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1860	1620	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1820	1640	238																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971244 Orig	< 2	< 5	< 5																				
A0971244 Dup	< 2	< 5	< 5																				
A0971245 Orig				0.60	< 0.01	< 0.001	0.13	0.013	0.78	0.005	7.56	< 0.1	< 0.01	24.0	0.09	0.251	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0971245 Dup				0.58	< 0.01	< 0.001	0.07	0.013	0.76	0.005	7.45	< 0.1	< 0.01	23.7	0.09	0.262	< 0.01	0.05	< 0.01	16.6	0.03	< 0.005	< 0.01
A0971253 Orig	< 2	< 5	< 5																				
A0971253 Dup	< 2	< 5	< 5																				
A0971261 Orig				1.12	< 0.01	< 0.001	0.20	0.014	0.65	< 0.005	7.74	< 0.1	< 0.01	23.1	0.10	0.230	< 0.01	0.03	< 0.01	17.7	0.06	< 0.005	< 0.01
A0971261 Dup				1.13	< 0.01	< 0.001	0.18	0.013	0.66	< 0.005	7.82	< 0.1	< 0.01	23.5	0.10	0.232	< 0.01	0.02	< 0.01	17.8	0.06	< 0.005	< 0.01
A0971263 Orig	< 2	< 5	< 5																				
A0971263 Dup	< 2	< 5	< 5																				
A0971269 Orig				1.26	< 0.01	< 0.001	1.75	0.014	0.47	0.011	8.12	< 0.1	< 0.01	21.4	0.11	0.152	< 0.01	0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
A0971269 Dup				1.26	< 0.01	< 0.001	1.69	0.014	0.46	0.010	8.10	< 0.1	< 0.01	21.7	0.11	0.151	< 0.01	0.01	< 0.01	17.9	0.07	< 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	0.04	< 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																				

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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05368**
Report Date: **08-Jun-20**
Date Submitted: **22-May-20**
Your Reference: **Crawford (CR20-C-D05)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-05-28 18:31:42

REPORT **A20-05368**

Notes:

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.: **A20-05368**
Report Date: **08-Jun-20**
Date Submitted: **22-May-20**
Your Reference: **Crawford (CR20-C-D05)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-01 12:34:47

REPORT **A20-05368**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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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
B11858	2	< 5	< 5	0.51	< 0.01	< 0.001	0.12	0.013	0.69	< 0.005	5.83	< 0.1	< 0.01	25.2	0.09	0.264	< 0.01	0.03	< 0.01	17.3	0.03	< 0.005	< 0.01
B11859	2	< 5	< 5	0.46	< 0.01	< 0.001	0.12	0.013	0.72	< 0.005	6.20	< 0.1	< 0.01	25.3	0.10	0.268	< 0.01	0.03	< 0.01	17.0	0.02	< 0.005	< 0.01
B11860	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.12	0.013	0.70	< 0.005	5.97	< 0.1	< 0.01	25.6	0.10	0.287	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
B11861	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.07	0.012	0.66	< 0.005	6.50	< 0.1	< 0.01	25.6	0.10	0.249	< 0.01	0.03	< 0.01	16.1	0.02	< 0.005	< 0.01
B11862	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.10	0.011	0.64	< 0.005	6.37	< 0.1	< 0.01	24.8	0.08	0.289	< 0.01	0.04	< 0.01	17.0	0.02	< 0.005	< 0.01
B11863	2	< 5	< 5	0.34	< 0.01	< 0.001	0.10	0.013	0.71	< 0.005	5.83	< 0.1	< 0.01	25.4	0.10	0.272	< 0.01	0.03	< 0.01	17.0	0.02	< 0.005	< 0.01
B11864	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.08	0.013	0.71	< 0.005	6.92	< 0.1	< 0.01	25.2	0.09	0.263	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
B11865	2	< 5	< 5	0.48	< 0.01	< 0.001	0.09	0.011	0.74	< 0.005	6.11	< 0.1	< 0.01	25.1	0.08	0.256	< 0.01	0.02	< 0.01	17.0	0.02	< 0.005	< 0.01
B11866	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.10	0.010	0.69	< 0.005	5.71	< 0.1	< 0.01	24.7	0.08	0.245	< 0.01	< 0.01	< 0.01	15.9	0.02	< 0.005	< 0.01
B11867	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.09	0.011	0.70	< 0.005	6.35	< 0.1	< 0.01	25.0	0.09	0.276	< 0.01	0.01	< 0.01	16.0	0.02	< 0.005	< 0.01
B11868	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.13	0.011	0.63	< 0.005	5.54	< 0.1	< 0.01	25.2	0.09	0.277	< 0.01	< 0.01	< 0.01	16.7	0.02	< 0.005	< 0.01
B11869	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.13	0.010	0.47	< 0.005	5.71	< 0.1	< 0.01	25.2	0.09	0.263	< 0.01	0.01	< 0.01	16.7	0.02	< 0.005	< 0.01
B11870	11	< 5	< 5	0.35	< 0.01	< 0.001	0.27	0.008	0.10	< 0.005	4.04	< 0.1	< 0.01	25.5	0.06	0.286	< 0.01	0.05	< 0.01	16.5	0.02	< 0.005	< 0.01
B11871	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.13	0.011	0.50	< 0.005	5.63	< 0.1	< 0.01	25.3	0.10	0.265	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
B11872	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.06	0.011	0.56	< 0.005	6.54	< 0.1	< 0.01	24.9	0.09	0.279	< 0.01	0.01	< 0.01	16.3	0.02	< 0.005	< 0.01
B11873	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.09	0.011	0.54	< 0.005	6.51	< 0.1	< 0.01	25.4	0.11	0.244	< 0.01	0.02	< 0.01	15.8	0.02	< 0.005	< 0.01
B11874	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.09	0.010	0.47	< 0.005	5.58	< 0.1	< 0.01	25.0	0.08	0.257	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
B11875	< 2	< 5	< 5	7.31	< 0.01	< 0.001	3.46	< 0.002	0.04	< 0.005	3.79	1.7	< 0.01	2.35	0.07	0.023	< 0.01	0.02	< 0.01	29.5	0.28	< 0.005	< 0.01
B11876	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.08	0.010	0.50	< 0.005	6.21	< 0.1	< 0.01	24.8	0.08	0.265	< 0.01	< 0.01	< 0.01	16.4	0.02	< 0.005	< 0.01
B11877	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.09	0.010	0.46	< 0.005	6.21	< 0.1	< 0.01	24.7	0.08	0.262	< 0.01	0.01	< 0.01	16.2	0.02	< 0.005	< 0.01
B11878	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.09	0.010	0.62	< 0.005	5.82	< 0.1	< 0.01	25.0	0.08	0.277	< 0.01	< 0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
B11879	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.12	0.010	0.61	< 0.005	5.44	< 0.1	< 0.01	25.3	0.08	0.259	< 0.01	< 0.01	< 0.01	16.8	0.01	< 0.005	< 0.01
B11880	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.10	0.010	0.59	< 0.005	5.80	< 0.1	< 0.01	25.1	0.08	0.271	< 0.01	< 0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
B11881	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.10	0.010	0.57	< 0.005	6.04	< 0.1	< 0.01	25.1	0.08	0.277	< 0.01	< 0.01	< 0.01	16.1	0.01	< 0.005	< 0.01
B11882	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.16	0.011	0.46	< 0.005	6.05	< 0.1	< 0.01	25.2	0.09	0.263	< 0.01	< 0.01	< 0.01	16.7	0.01	< 0.005	< 0.01
B11883	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.09	0.009	0.44	< 0.005	5.91	< 0.1	< 0.01	24.6	0.07	0.243	< 0.01	< 0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
B11884	7	< 5	< 5	0.24	< 0.01	< 0.001	0.10	0.011	0.51	< 0.005	5.96	< 0.1	< 0.01	25.3	0.08	0.273	< 0.01	< 0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
B11885	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.12	0.010	0.41	< 0.005	5.39	< 0.1	< 0.01	25.4	0.09	0.272	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
B11886	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.07	0.011	0.41	< 0.005	5.41	< 0.1	< 0.01	25.5	0.09	0.263	< 0.01	0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
B11887	3	< 5	< 5	0.31	< 0.01	< 0.001	0.10	0.009	0.39	< 0.005	5.61	< 0.1	< 0.01	25.1	0.08	0.257	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01
B11888	2	< 5	< 5	0.28	< 0.01	< 0.001	0.08	0.010	0.39	< 0.005	5.93	< 0.1	< 0.01	24.9	0.07	0.270	< 0.01	< 0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
B11889	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.08	0.010	0.41	< 0.005	5.80	< 0.1	< 0.01	25.7	0.08	0.264	< 0.01	< 0.01	< 0.01	16.4	0.01	< 0.005	< 0.01
B11890	5	< 5	< 5	0.29	< 0.01	< 0.001	0.06	0.010	0.33	< 0.005	5.72	< 0.1	< 0.01	26.0	0.08	0.250	< 0.01	< 0.01	< 0.01	16.0	0.01	< 0.005	< 0.01
B11891	6	< 5	< 5	0.25	< 0.01	< 0.001	0.05	0.012	0.39	< 0.005	5.89	< 0.1	< 0.01	26.9	0.08	0.281	< 0.01	0.02	< 0.01	17.2	0.01	< 0.005	< 0.01
B11892	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.06	0.010	0.41	< 0.005	5.57	< 0.1	< 0.01	25.7	0.08	0.267	< 0.01	0.01	< 0.01	16.4	0.01	< 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				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4720	1960	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4710	2070	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4660	2070	1350																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1720	1600	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1840	1630	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1960	1740	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11862 Orig	2	< 5	< 5																				
B11862 Dup	< 2	< 5	< 5																				
B11871 Orig				0.27	< 0.01	< 0.001	0.12	0.011	0.51	< 0.005	5.65	< 0.1	< 0.01	25.4	0.10	0.265	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
B11871 Dup				0.27	< 0.01	< 0.001	0.13	0.011	0.49	< 0.005	5.60	< 0.1	< 0.01	25.3	0.09	0.265	< 0.01	0.02	< 0.01	16.4	0.02	< 0.005	< 0.01
B11872 Orig	< 2	< 5	< 5																				
B11872 Dup	< 2	< 5	< 5																				
B11878 Orig				0.34	< 0.01	< 0.001	0.07	0.010	0.61	< 0.005	5.84	< 0.1	< 0.01	25.2	0.08	0.275	< 0.01	< 0.01	< 0.01	16.6	0.02	< 0.005	< 0.01
B11878 Dup				0.32	< 0.01	< 0.001	0.10	0.010	0.62	< 0.005	5.80	< 0.1	< 0.01	24.8	0.08	0.279	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
B11882 Orig	< 2	< 5	< 5																				
B11882 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	< 0.01	< 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	0.04	< 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																				

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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05394**
Report Date: **03-Jun-20**
Date Submitted: **22-May-20**
Your Reference: **Crawford (CR20-C-B74)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-02 09:33:40
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-28 18:31:54

REPORT **A20-05394**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977630	< 2	< 5	6	0.86	< 0.01	< 0.001	0.53	0.010	0.65	< 0.005	5.62	< 0.1	< 0.01	23.4	0.09	0.242	< 0.01	0.04	< 0.01	17.6	0.05	< 0.005	< 0.01
A0977631	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.20	0.010	0.68	< 0.005	5.63	< 0.1	< 0.01	24.2	0.07	0.259	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977632	< 2	< 5	< 5	0.94	< 0.01	< 0.001	0.11	0.010	0.71	< 0.005	6.32	< 0.1	< 0.01	23.9	0.07	0.253	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977633	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.13	0.010	0.70	< 0.005	5.72	< 0.1	< 0.01	24.4	0.08	0.254	< 0.01	0.03	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977634	< 2	< 5	7	0.71	< 0.01	< 0.001	0.09	0.010	0.69	< 0.005	6.35	< 0.1	< 0.01	24.0	0.07	0.239	< 0.01	0.04	< 0.01	16.7	0.04	< 0.005	< 0.01
A0977635	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.06	0.011	0.66	< 0.005	6.10	< 0.1	< 0.01	24.5	0.08	0.253	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977636	< 2	< 5	6	0.64	< 0.01	< 0.001	0.06	0.009	0.75	< 0.005	5.51	< 0.1	< 0.01	24.5	0.08	0.263	< 0.01	0.03	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977637	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.07	0.010	0.70	< 0.005	6.50	< 0.1	< 0.01	24.5	0.08	0.249	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977638	< 2	< 5	< 5	0.70	< 0.01	< 0.001	0.08	0.010	0.72	< 0.005	5.84	< 0.1	< 0.01	24.5	0.08	0.246	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977639	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.02	0.010	0.73	< 0.005	5.95	< 0.1	< 0.01	24.3	0.08	0.259	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0977640	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.03	0.010	0.69	< 0.005	6.05	< 0.1	< 0.01	24.6	0.08	0.259	< 0.01	0.05	< 0.01	16.7	0.04	< 0.005	< 0.01
A0977641	< 2	< 5	< 5	0.60	< 0.01	< 0.001	0.06	0.010	0.66	< 0.005	6.43	< 0.1	< 0.01	24.5	0.08	0.245	< 0.01	0.03	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977642	2	< 5	< 5	0.53	< 0.01	< 0.001	0.09	0.010	0.62	< 0.005	5.26	< 0.1	< 0.01	25.0	0.08	0.262	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977643	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.06	0.011	0.42	< 0.005	6.16	< 0.1	< 0.01	25.4	0.10	0.280	< 0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977644	< 2	< 5	7	0.34	< 0.01	< 0.001	0.10	0.010	0.51	< 0.005	5.36	< 0.1	< 0.01	25.5	0.10	0.274	< 0.01	0.03	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977645	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.07	0.011	0.61	< 0.005	6.50	< 0.1	< 0.01	25.3	0.09	0.270	< 0.01	0.02	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977646	3	< 5	5	0.35	< 0.01	< 0.001	0.05	0.010	0.70	< 0.005	5.38	< 0.1	< 0.01	25.6	0.09	0.285	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977647	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.03	0.010	0.68	< 0.005	5.47	< 0.1	< 0.01	25.4	0.10	0.273	< 0.01	0.03	< 0.01	16.0	0.02	< 0.005	< 0.01
A0977648	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.11	0.010	0.70	< 0.005	5.94	< 0.1	< 0.01	25.0	0.09	0.262	< 0.01	0.02	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977649	12	< 5	< 5	0.34	< 0.01	< 0.001	0.21	0.008	0.10	< 0.005	4.01	< 0.1	< 0.01	25.7	0.06	0.282	< 0.01	0.05	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977650	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.07	0.011	0.69	< 0.005	5.45	< 0.1	< 0.01	25.2	0.09	0.260	< 0.01	0.01	< 0.01	16.1	0.02	< 0.005	< 0.01
A0977651	2	7	< 5	0.32	< 0.01	< 0.001	0.15	0.010	0.68	< 0.005	5.82	< 0.1	< 0.01	25.1	0.10	0.266	< 0.01	0.03	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977652	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.01	0.011	0.71	< 0.005	5.40	< 0.1	< 0.01	25.4	0.09	0.280	< 0.01	0.04	< 0.01	16.0	0.01	< 0.005	< 0.01
A0977653	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.07	0.010	0.70	< 0.005	6.15	< 0.1	< 0.01	25.1	0.09	0.269	< 0.01	0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
A0977654	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.08	0.011	0.71	< 0.005	5.81	< 0.1	< 0.01	25.3	0.10	0.271	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0977655	2	< 5	< 5	0.27	< 0.01	< 0.001	0.07	0.011	0.71	< 0.005	5.59	< 0.1	< 0.01	25.6	0.09	0.264	< 0.01	0.01	< 0.01	16.1	0.01	< 0.005	< 0.01
A0977656	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.01	0.011	0.70	< 0.005	5.65	< 0.1	< 0.01	25.5	0.09	0.262	< 0.01	< 0.01	< 0.01	16.2	0.01	< 0.005	< 0.01
A0977657	3	< 5	< 5	0.29	< 0.01	< 0.001	0.06	0.011	0.72	< 0.005	5.94	< 0.1	< 0.01	25.4	0.09	0.278	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977658	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.05	0.011	0.72	< 0.005	5.68	< 0.1	< 0.01	25.6	0.09	0.270	< 0.01	0.02	< 0.01	16.3	0.01	< 0.005	< 0.01
A0977659	3	< 5	7	0.26	< 0.01	< 0.001	0.05	0.011	0.72	< 0.005	6.59	< 0.1	< 0.01	25.2	0.09	0.302	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01
A0977660	< 2	< 5	< 5	6.46	< 0.01	< 0.001	4.81	< 0.002	0.03	< 0.005	3.05	1.7	< 0.01	2.67	0.06	0.015	< 0.01	0.02	< 0.01	28.2	0.21	< 0.005	< 0.01
A0977661	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.05	0.011	0.72	< 0.005	6.01	< 0.1	< 0.01	25.1	0.08	0.267	< 0.01	0.02	< 0.01	16.1	0.01	< 0.005	< 0.01
A0977662	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.01	0.011	0.77	< 0.005	5.69	< 0.1	< 0.01	25.5	0.08	0.276	< 0.01	0.02	< 0.01	16.1	0.01	< 0.005	< 0.01
A0977663	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.05	0.011	0.76	< 0.005	5.97	< 0.1	< 0.01	25.6	0.08	0.269	< 0.01	0.01	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977664	2	< 5	< 5	0.38	< 0.01	< 0.001	0.06	0.010	0.74	< 0.005	5.69	< 0.1	< 0.01	25.1	0.08	0.261	< 0.01	0.02	< 0.01	16.4	0.02	< 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				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4600	1970	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4620	1980	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	5330	2030	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1600	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1860	1620	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1820	1640	238																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977630 Orig				0.86	< 0.01	< 0.001	0.53	0.011	0.66	< 0.005	5.61	< 0.1	< 0.01	23.2	0.09	0.245	< 0.01	0.03	< 0.01	17.6	0.05	< 0.005	< 0.01
A0977630 Dup				0.86	< 0.01	< 0.001	0.53	0.010	0.65	< 0.005	5.63	< 0.1	< 0.01	23.6	0.10	0.238	< 0.01	0.05	< 0.01	17.6	0.05	< 0.005	< 0.01
A0977638 Orig				0.69	< 0.01	< 0.001	0.07	0.010	0.71	< 0.005	5.76	< 0.1	< 0.01	24.5	0.08	0.244	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977638 Dup				0.71	< 0.01	< 0.001	0.08	0.010	0.73	< 0.005	5.91	< 0.1	< 0.01	24.4	0.08	0.247	< 0.01	0.03	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977643 Orig	< 2	< 5	< 5																				
A0977643 Dup	< 2	< 5	< 5																				
A0977653 Orig	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.07	0.010	0.72	< 0.005	6.15	< 0.1	< 0.01	25.0	0.09	0.276	< 0.01	0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
A0977653 Dup	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.07	0.011	0.69	< 0.005	6.16	< 0.1	< 0.01	25.1	0.09	0.262	< 0.01	0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
A0977659 Orig				0.26	< 0.01	< 0.001	0.04	0.011	0.71	< 0.005	6.55	< 0.1	< 0.01	25.3	0.09	0.301	< 0.01	0.02	< 0.01	16.0	0.01	< 0.005	< 0.01
A0977659 Dup				0.26	< 0.01	< 0.001	0.07	0.011	0.73	< 0.005	6.63	< 0.1	< 0.01	25.1	0.09	0.303	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	< 0.01
A0977663 Orig	< 2	< 5	< 5																				
A0977663 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	< 0.01	< 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	0.04	< 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																				

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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05395**
Report Date: **08-Jun-20**
Date Submitted: **22-May-20**
Your Reference: **Crawford (CR20-C-D06)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-01 12:34:47
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-05-28 18:31:54

REPORT **A20-05395**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11893	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.10	0.010	0.43	< 0.005	5.90	< 0.1	< 0.01	25.2	0.08	0.277	< 0.01	< 0.01	< 0.01	16.4	0.01	< 0.005	< 0.01
B11894	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.09	0.010	0.42	< 0.005	5.72	< 0.1	< 0.01	25.4	0.08	0.271	< 0.01	< 0.01	< 0.01	16.4	0.01	< 0.005	< 0.01
B11895	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.05	0.010	0.49	< 0.005	5.66	< 0.1	< 0.01	25.3	0.08	0.264	< 0.01	< 0.01	< 0.01	16.1	0.01	< 0.005	< 0.01
B11896	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.05	0.010	0.50	< 0.005	5.06	< 0.1	< 0.01	25.6	0.08	0.274	< 0.01	< 0.01	< 0.01	16.6	0.01	< 0.005	< 0.01
B11897	3	< 5	< 5	0.35	< 0.01	< 0.001	0.06	0.010	0.56	< 0.005	6.10	< 0.1	< 0.01	25.2	0.08	0.276	< 0.01	0.01	< 0.01	15.8	0.02	< 0.005	< 0.01
B11898	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.06	0.011	0.57	< 0.005	6.06	< 0.1	< 0.01	25.4	0.08	0.270	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
B11899	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.04	0.010	0.53	< 0.005	5.45	< 0.1	< 0.01	25.5	0.08	0.279	< 0.01	< 0.01	< 0.01	16.2	0.01	< 0.005	< 0.01
B11900	3	< 5	< 5	0.24	< 0.01	< 0.001	0.08	0.011	0.52	< 0.005	5.08	< 0.1	< 0.01	26.1	0.09	0.273	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
B11901	11	< 5	< 5	0.25	< 0.01	< 0.001	0.05	0.011	0.47	0.007	6.57	< 0.1	< 0.01	25.3	0.08	0.309	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
B11902	16	< 5	< 5	0.21	< 0.01	< 0.001	0.06	0.011	0.39	0.006	6.07	< 0.1	< 0.01	25.6	0.08	0.282	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01
B11903	3	< 5	< 5	0.24	< 0.01	< 0.001	0.09	0.012	0.38	< 0.005	4.80	< 0.1	< 0.01	26.4	0.08	0.271	< 0.01	0.02	< 0.01	16.2	0.01	< 0.005	< 0.01
B11904	10	< 5	< 5	0.21	< 0.01	< 0.001	0.08	0.010	0.37	< 0.005	4.55	< 0.1	< 0.01	26.1	0.08	0.257	< 0.01	< 0.01	< 0.01	16.5	0.01	< 0.005	< 0.01
B11905	7	< 5	< 5	0.23	< 0.01	< 0.001	0.05	0.011	0.43	< 0.005	5.29	< 0.1	< 0.01	25.9	0.08	0.273	< 0.01	0.02	< 0.01	16.3	0.01	< 0.005	< 0.01
B11906	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.05	0.011	0.45	< 0.005	5.23	< 0.1	< 0.01	25.6	0.09	0.285	< 0.01	0.01	< 0.01	16.0	0.01	< 0.005	< 0.01
B11907	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.01	0.010	0.45	< 0.005	5.38	< 0.1	< 0.01	25.9	0.09	0.286	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
B11908	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.09	0.010	0.46	< 0.005	5.78	< 0.1	< 0.01	25.6	0.08	0.278	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
B11909	2	< 5	< 5	0.22	< 0.01	< 0.001	0.07	0.011	0.52	< 0.005	5.30	< 0.1	< 0.01	25.6	0.09	0.276	< 0.01	0.02	< 0.01	16.2	0.01	< 0.005	< 0.01
B11910	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.07	0.010	0.54	< 0.005	5.50	< 0.1	< 0.01	25.9	0.09	0.284	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
B11911	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.08	0.010	0.57	< 0.005	5.33	< 0.1	< 0.01	25.7	0.08	0.279	< 0.01	0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
B11912	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.05	0.011	0.59	< 0.005	5.66	< 0.1	< 0.01	25.5	0.08	0.276	< 0.01	< 0.01	< 0.01	16.1	0.01	< 0.005	< 0.01
B11913	2	< 5	< 5	0.30	< 0.01	< 0.001	0.09	0.010	0.62	< 0.005	5.50	< 0.1	< 0.01	25.4	0.08	0.287	< 0.01	0.03	< 0.01	16.3	0.01	< 0.005	< 0.01
B11914	4	21	< 5	0.28	< 0.01	< 0.001	0.10	0.011	0.62	< 0.005	5.86	< 0.1	< 0.01	25.1	0.08	0.296	< 0.01	0.04	< 0.01	15.9	0.01	< 0.005	< 0.01
B11915	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.04	0.010	0.64	< 0.005	5.29	< 0.1	< 0.01	25.5	0.08	0.257	< 0.01	0.01	< 0.01	16.0	0.01	< 0.005	< 0.01
B11916	11	< 5	< 5	0.33	< 0.01	< 0.001	0.23	0.008	0.10	< 0.005	3.94	< 0.1	< 0.01	25.3	0.06	0.277	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
B11917	< 2	< 5	< 5	0.25	< 0.01	< 0.001	0.10	0.010	0.69	< 0.005	6.18	< 0.1	< 0.01	24.8	0.08	0.276	< 0.01	0.02	< 0.01	15.8	0.01	< 0.005	< 0.01
B11918	2	< 5	< 5	0.22	< 0.01	< 0.001	0.08	0.011	0.71	< 0.005	5.29	< 0.1	< 0.01	25.5	0.08	0.279	< 0.01	0.02	< 0.01	16.3	< 0.01	< 0.005	< 0.01
B11919	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.07	0.011	0.74	< 0.005	5.99	< 0.1	< 0.01	25.5	0.08	0.268	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01
B11920	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.10	0.010	0.77	< 0.005	5.12	< 0.1	< 0.01	25.5	0.08	0.274	< 0.01	0.02	< 0.01	16.2	0.01	< 0.005	< 0.01
B11921	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.08	0.009	0.67	< 0.005	4.98	< 0.1	< 0.01	22.9	0.07	0.248	< 0.01	0.03	< 0.01	14.8	0.01	< 0.005	< 0.01
B11922	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.05	0.011	0.76	< 0.005	5.80	< 0.1	< 0.01	25.1	0.08	0.276	< 0.01	0.03	< 0.01	15.9	0.01	< 0.005	< 0.01
B11923	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.03	0.010	0.70	< 0.005	5.70	< 0.1	< 0.01	25.2	0.08	0.261	< 0.01	0.04	< 0.01	16.2	0.01	< 0.005	< 0.01
B11924	< 2	< 5	< 5	7.35	< 0.01	< 0.001	3.40	< 0.002	0.03	< 0.005	3.80	1.8	< 0.01	2.12	0.06	0.012	< 0.01	0.02	< 0.01	29.7	0.31	< 0.005	< 0.01
B11925	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.04	0.010	0.70	< 0.005	5.72	< 0.1	< 0.01	25.9	0.08	0.280	< 0.01	0.03	< 0.01	16.6	0.01	< 0.005	< 0.01
B11926	< 2	6	7	0.34	< 0.01	< 0.001	0.09	0.012	0.67	0.006	5.95	< 0.1	< 0.01	24.9	0.09	0.290	< 0.01	0.11	< 0.01	16.1	0.02	< 0.005	< 0.01
B11927	< 2	8	< 5	0.38	< 0.01	< 0.001	0.04	0.015	0.61	0.008	6.21	< 0.1	< 0.01	25.1	0.09	0.248	< 0.01	0.06	< 0.01	16.1	0.02	< 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				
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			0.07	0.011	1.55	< 0.005				31.1	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
DTS-2b Meas				0.22			0.12	0.012	1.62	< 0.005				30.0	0.08	0.401	< 0.01		< 0.01	18.4			< 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					1.06	< 0.005	< 0.01			16.3		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
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.010					1.06	< 0.005	< 0.01			16.1		0.355	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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.8					3.32		7.35		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.1					3.29		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 77a (Fusion) Meas					0.01			0.161	0.08	0.418	33.7					10.5		25.4		5.80			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.03			0.011		0.136	12.1							20.0	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.010		0.136	12.2							20.6	0.01				17.9
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.009		0.133	12.4							20.6	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.01		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.6							20.4	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.30		2.49			3.04	8.31			0.03			2.08	13.8		16.9		0.112	16.8
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.54			3.13	8.38			0.03			2.07	13.6		17.5		0.108	16.3
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.5				0.27					4.49	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.4				0.26					4.41	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.5				0.27					4.53	13.8		

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
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.8				0.28					4.37	14.1		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.81									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.422							0.18	34.0		0.27			56.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.10	0.03			0.010		0.423							0.18	34.4		0.28			55.7
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.19	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.3	31.6			0.74	< 0.01		0.71	35.6	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
CCU-1e Meas				0.13	0.10			0.032		22.2	33.0			0.75	< 0.01		0.71	35.6	0.01				2.90
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	4720	1960	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4710	2070	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4660	2070	1350																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				

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
CDN-PGMS-30 Meas	1720	1600	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1840	1630	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1960	1740	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11902 Orig	22	< 5	< 5																				
B11902 Dup	10	< 5	< 5																				
B11903 Orig				0.24	< 0.01	< 0.001	0.08	0.012	0.38	< 0.005	4.80	< 0.1	< 0.01	26.3	0.08	0.269	< 0.01	0.02	< 0.01	16.1	0.01	< 0.005	< 0.01
B11903 Dup				0.24	< 0.01	< 0.001	0.09	0.012	0.38	0.005	4.80	< 0.1	< 0.01	26.6	0.08	0.274	< 0.01	0.02	< 0.01	16.4	0.01	< 0.005	< 0.01
B11909 Orig				0.22	< 0.01	< 0.001	0.05	0.011	0.53	< 0.005	5.31	< 0.1	< 0.01	25.5	0.09	0.276	< 0.01	0.02	< 0.01	16.1	0.01	< 0.005	< 0.01
B11909 Dup				0.22	< 0.01	< 0.001	0.08	0.011	0.52	< 0.005	5.29	< 0.1	< 0.01	25.6	0.09	0.277	< 0.01	0.02	< 0.01	16.3	0.01	< 0.005	< 0.01
B11912 Orig	< 2	< 5	< 5																				
B11912 Dup	< 2	< 5	< 5																				
B11922 Orig	< 2	< 5	< 5																				
B11922 Dup	< 2	< 5	< 5																				
B11927 Orig				0.37	< 0.01	< 0.001	0.05	0.015	0.61	0.008	6.19	< 0.1	< 0.01	25.0	0.09	0.248	< 0.01	0.06	< 0.01	16.1	0.02	< 0.005	< 0.01
B11927 Dup				0.38	< 0.01	< 0.001	0.03	0.015	0.61	0.008	6.23	< 0.1	< 0.01	25.1	0.09	0.249	< 0.01	0.06	< 0.01	16.1	0.02	< 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	0.04	< 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	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05476**
Report Date: **05-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-D08)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-01 17:10:28

REPORT **A20-05476**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05476**
Report Date: **05-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-D08)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-04 08:37:58

REPORT **A20-05476**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
B11963	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.13	0.017	0.62	< 0.005	6.98	< 0.1	< 0.01	24.6	0.09	0.194	< 0.01	0.09	< 0.01	16.6	0.03	< 0.005	< 0.01
B11964	< 2	7	< 5	0.50	< 0.01	< 0.001	0.10	0.013	0.61	< 0.005	6.35	< 0.1	< 0.01	25.0	0.10	0.225	< 0.01	0.08	< 0.01	16.7	0.03	< 0.005	< 0.01
B11965	< 2	< 5	< 5	0.51	< 0.01	< 0.001	0.06	0.013	0.61	< 0.005	7.01	< 0.1	< 0.01	24.6	0.09	0.238	< 0.01	0.08	< 0.01	16.4	0.03	< 0.005	< 0.01
B11966	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.09	0.014	0.60	< 0.005	6.76	< 0.1	< 0.01	24.7	0.09	0.179	< 0.01	0.07	< 0.01	16.7	0.02	< 0.005	< 0.01
B11967	< 2	9	< 5	0.49	< 0.01	< 0.001	0.09	0.014	0.65	< 0.005	7.51	< 0.1	< 0.01	24.5	0.10	0.170	< 0.01	0.06	< 0.01	16.4	0.03	< 0.005	< 0.01
B11968	< 2	13	< 5	0.48	< 0.01	< 0.001	0.08	0.017	0.64	< 0.005	7.17	< 0.1	< 0.01	24.4	0.10	0.173	< 0.01	0.07	< 0.01	16.2	0.02	< 0.005	< 0.01
B11969	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.10	0.015	0.60	< 0.005	7.27	< 0.1	< 0.01	24.7	0.11	0.158	< 0.01	0.05	< 0.01	16.2	0.03	< 0.005	< 0.01
B11970	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.04	0.014	0.57	< 0.005	6.63	< 0.1	< 0.01	24.9	0.10	0.212	< 0.01	0.06	< 0.01	16.4	0.03	< 0.005	< 0.01
B11971	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.07	0.012	0.59	< 0.005	6.64	< 0.1	< 0.01	24.8	0.10	0.240	< 0.01	0.06	< 0.01	16.6	0.02	< 0.005	< 0.01
B11972	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.07	0.015	0.59	< 0.005	7.31	< 0.1	< 0.01	24.5	0.10	0.231	< 0.01	0.06	< 0.01	16.1	0.03	< 0.005	< 0.01
B11973	< 2	< 5	< 5	7.02	< 0.01	< 0.001	5.05	0.002	0.01	< 0.005	3.73	1.4	< 0.01	1.88	0.06	0.012	< 0.01	0.04	< 0.01	27.4	0.29	< 0.005	< 0.01
B11974	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.06	0.015	0.59	< 0.005	7.66	< 0.1	< 0.01	24.5	0.09	0.233	< 0.01	0.08	< 0.01	16.4	0.03	< 0.005	< 0.01
B11975	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.11	0.014	0.57	< 0.005	6.55	< 0.1	< 0.01	24.9	0.10	0.236	< 0.01	0.07	< 0.01	16.5	0.03	< 0.005	< 0.01
B11976	< 2	7	< 5	0.40	< 0.01	< 0.001	0.06	0.015	0.58	< 0.005	6.30	< 0.1	< 0.01	25.0	0.11	0.304	< 0.01	0.09	< 0.01	16.4	0.02	< 0.005	< 0.01
B11977	< 2	7	< 5	0.42	< 0.01	< 0.001	0.06	0.016	0.56	< 0.005	6.89	< 0.1	< 0.01	24.7	0.11	0.282	< 0.01	0.09	< 0.01	16.3	0.03	< 0.005	< 0.01
B11978	< 2	7	< 5	0.46	< 0.01	< 0.001	0.08	0.015	0.59	< 0.005	6.38	< 0.1	< 0.01	24.9	0.11	0.248	< 0.01	0.07	< 0.01	16.6	0.03	< 0.005	< 0.01
B11979	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.09	0.016	0.52	< 0.005	6.63	< 0.1	< 0.01	24.4	0.10	0.209	< 0.01	0.07	< 0.01	16.9	0.04	< 0.005	< 0.01
B11980	< 2	8	< 5	0.44	< 0.01	< 0.001	0.14	0.014	0.55	< 0.005	6.08	< 0.1	< 0.01	24.8	0.11	0.211	< 0.01	0.06	< 0.01	16.7	0.03	< 0.005	< 0.01
B11981	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.10	0.012	0.50	< 0.005	7.51	< 0.1	< 0.01	24.0	0.10	0.225	< 0.01	0.07	< 0.01	16.6	0.04	< 0.005	< 0.01
B11982	12	< 5	< 5	0.33	< 0.01	< 0.001	0.27	0.009	0.10	< 0.005	4.11	< 0.1	< 0.01	25.8	0.07	0.283	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
B11983	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.03	0.012	0.54	< 0.005	7.10	< 0.1	< 0.01	24.4	0.10	0.219	< 0.01	0.03	< 0.01	16.2	0.03	< 0.005	< 0.01
B11984	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.05	0.009	0.40	< 0.005	5.29	< 0.1	< 0.01	15.5	0.07	0.141	< 0.01	0.02	< 0.01	11.2	0.02	< 0.005	< 0.01
B11985	< 2	< 5	< 5	0.53	< 0.01	< 0.001	0.11	0.012	0.52	< 0.005	7.40	< 0.1	< 0.01	24.3	0.11	0.215	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
B11986	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.09	0.012	0.52	< 0.005	6.70	< 0.1	< 0.01	24.5	0.10	0.217	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
B11987	< 2	< 5	< 5	0.54	< 0.01	< 0.001	0.09	0.012	0.56	< 0.005	6.15	< 0.1	< 0.01	24.6	0.10	0.221	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
B11988	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.08	0.013	0.48	< 0.005	6.17	< 0.1	< 0.01	24.1	0.09	0.187	< 0.01	0.05	< 0.01	16.6	0.03	< 0.005	< 0.01
B11989	< 2	< 5	< 5	0.60	< 0.01	< 0.001	0.11	0.013	0.52	< 0.005	5.84	< 0.1	< 0.01	24.4	0.09	0.201	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	< 0.01
B11990	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.08	0.014	0.52	< 0.005	6.49	< 0.1	< 0.01	24.5	0.10	0.204	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	< 0.01
B11991	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.11	0.012	0.53	< 0.005	6.40	< 0.1	< 0.01	24.4	0.10	0.208	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	< 0.01
B11992	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.08	0.013	0.51	< 0.005	7.51	< 0.1	< 0.01	23.8	0.10	0.188	< 0.01	0.05	< 0.01	16.6	0.03	< 0.005	< 0.01
B11993	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.05	0.013	0.53	< 0.005	7.51	< 0.1	< 0.01	23.9	0.10	0.201	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
B11994	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.06	0.014	0.53	< 0.005	6.16	< 0.1	< 0.01	24.5	0.10	0.205	< 0.01	0.06	< 0.01	17.1	0.03	< 0.005	< 0.01
B11995	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.06	0.012	0.48	< 0.005	6.89	< 0.1	< 0.01	24.4	0.10	0.182	< 0.01	0.05	< 0.01	16.8	0.03	< 0.005	< 0.01
B11996	< 2	< 5	< 5	0.58	< 0.01	< 0.001	0.06	0.012	0.52	< 0.005	7.40	< 0.1	< 0.01	24.3	0.10	0.208	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
B11997	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.09	0.015	0.58	< 0.005	8.62	< 0.1	< 0.01	23.5	0.10	0.216	< 0.01	0.07	< 0.01	16.8	0.03	< 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			0.17	0.014	1.59	< 0.005				31.2	0.08	0.389	< 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		0.000600	18.4			0.00450
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.17	0.118	14.0					3.17		7.36		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
MP-1b Meas					2.28		2.52			3.07	8.44			0.03			2.08	13.0		17.1		0.116	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.087																	
NCS DC86313 Cert						1																	
CDN-PGMS-27 Meas	4720	2000	1310																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1840	1610	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11968 Orig				0.48	< 0.01	< 0.001	0.08	0.017	0.63	< 0.005	7.02	< 0.1	< 0.01	24.3	0.10	0.173	< 0.01	0.07	< 0.01	16.2	0.02	< 0.005	< 0.01
B11968 Dup				0.48	< 0.01	< 0.001	0.08	0.017	0.65	< 0.005	7.32	< 0.1	< 0.01	24.4	0.10	0.172	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
B11972 Orig	< 2	< 5	< 5																				
B11972 Dup	< 2	< 5	< 5																				
B11976 Orig				0.40	< 0.01	< 0.001	0.04	0.015	0.57	< 0.005	6.29	< 0.1	< 0.01	25.0	0.11	0.296	< 0.01	0.08	< 0.01	16.4	0.02	< 0.005	< 0.01
B11976 Dup				0.40	< 0.01	< 0.001	0.07	0.015	0.58	< 0.005	6.32	< 0.1	< 0.01	25.0	0.11	0.312	< 0.01	0.09	< 0.01	16.3	0.02	< 0.005	< 0.01
B11983 Orig	< 2	< 5	< 5																				
B11983 Dup	< 2	< 5	< 5																				
B11991 Orig				0.60	< 0.01	< 0.001	0.12	0.012	0.53	< 0.005	6.45	< 0.1	< 0.01	24.6	0.10	0.217	< 0.01	0.05	< 0.01	17.1	0.03	< 0.005	< 0.01
B11991 Dup				0.61	< 0.01	< 0.001	0.11	0.012	0.52	< 0.005	6.35	< 0.1	< 0.01	24.2	0.10	0.198	< 0.01	0.04	< 0.01	16.9	0.03	< 0.005	< 0.01
B11992 Orig	2	< 5	< 5																				
B11992 Dup	< 2	< 5	< 5																				
B11997 Orig				0.67	< 0.01	< 0.001	0.08	0.015	0.57	< 0.005	8.60	< 0.1	< 0.01	23.2	0.10	0.213	< 0.01	0.06	< 0.01	16.8	0.03	< 0.005	< 0.01
B11997 Dup				0.68	< 0.01	< 0.001	0.09	0.015	0.59	< 0.005	8.65	< 0.1	< 0.01	23.7	0.10	0.219	< 0.01	0.07	< 0.01	16.9	0.03	< 0.005	< 0.01
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05477**
Report Date: **08-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-D07)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-04 08:37:58

REPORT **A20-05477**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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.: **A20-05477**
Report Date: **08-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-D07)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-01 17:10:28

REPORT **A20-05477**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
B11928	2	16	< 5	0.42	< 0.01	< 0.001	0.08	0.015	0.62	0.009	6.81	< 0.1	< 0.01	24.9	0.09	0.213	< 0.01	0.05	< 0.01	16.4	0.02	< 0.005	< 0.01
B11929	< 2	6	< 5	0.37	< 0.01	< 0.001	0.05	0.014	0.67	0.006	6.29	< 0.1	< 0.01	25.1	0.09	0.208	< 0.01	0.04	< 0.01	16.2	0.02	< 0.005	< 0.01
B11930	< 2	12	12	0.30	< 0.01	< 0.001	< 0.01	0.012	0.73	< 0.005	8.53	< 0.1	< 0.01	25.1	0.09	0.326	< 0.01	0.04	< 0.01	15.3	0.01	< 0.005	< 0.01
B11931	< 2	48	261	0.37	< 0.01	< 0.001	0.12	0.015	1.09	< 0.005	6.50	< 0.1	< 0.01	28.4	0.10	0.393	< 0.01	0.06	< 0.01	18.7	0.02	< 0.005	< 0.01
B11932	< 2	119	165	0.30	< 0.01	< 0.001	0.07	0.013	0.80	< 0.005	5.44	< 0.1	< 0.01	25.9	0.08	0.390	< 0.01	0.05	< 0.01	16.5	0.01	< 0.005	< 0.01
B11933	5	121	67	0.37	< 0.01	< 0.001	0.07	0.018	0.73	0.024	6.50	< 0.1	< 0.01	25.0	0.09	0.507	< 0.01	0.14	< 0.01	16.0	0.02	< 0.005	< 0.01
B11934	35	1140	401	0.32	< 0.01	< 0.001	0.07	0.013	0.79	0.009	5.80	< 0.1	< 0.01	25.9	0.09	0.366	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
B11935	7	281	131	0.42	< 0.01	< 0.001	0.04	0.017	0.73	0.021	6.26	< 0.1	< 0.01	25.4	0.09	0.508	< 0.01	0.13	< 0.01	16.6	0.02	< 0.005	< 0.01
B11936	7	152	76	0.39	< 0.01	< 0.001	0.04	0.014	0.70	0.012	5.58	< 0.1	< 0.01	25.4	0.09	0.482	< 0.01	0.10	< 0.01	16.8	0.02	< 0.005	< 0.01
B11937	3	162	106	0.36	< 0.01	< 0.001	0.05	0.012	0.66	< 0.005	5.65	< 0.1	< 0.01	25.5	0.09	0.364	< 0.01	0.07	< 0.01	16.9	0.02	< 0.005	< 0.01
B11938	71	1680	119	0.37	< 0.01	< 0.001	< 0.01	0.014	0.69	< 0.005	7.15	< 0.1	< 0.01	25.5	0.09	0.377	< 0.01	0.06	< 0.01	16.0	0.02	< 0.005	< 0.01
B11939	< 2	47	34	0.38	< 0.01	< 0.001	0.08	0.012	0.66	< 0.005	6.05	< 0.1	< 0.01	25.4	0.09	0.322	< 0.01	0.04	< 0.01	16.5	0.02	< 0.005	< 0.01
B11940	< 2	20	33	0.48	< 0.01	< 0.001	0.06	0.012	0.66	< 0.005	5.55	< 0.1	< 0.01	25.5	0.09	0.260	< 0.01	0.02	< 0.01	16.5	0.03	< 0.005	< 0.01
B11941	< 2	19	9	0.52	< 0.01	< 0.001	0.05	0.013	0.59	< 0.005	5.85	< 0.1	< 0.01	25.1	0.08	0.289	< 0.01	0.05	< 0.01	16.5	0.03	< 0.005	< 0.01
B11942	< 2	16	< 5	0.49	< 0.01	< 0.001	0.05	0.010	0.66	< 0.005	5.31	< 0.1	< 0.01	25.6	0.08	0.344	< 0.01	0.04	< 0.01	16.6	0.03	< 0.005	< 0.01
B11943	3	20	13	0.59	< 0.01	< 0.001	0.08	0.013	0.70	< 0.005	6.08	< 0.1	< 0.01	24.8	0.08	0.380	< 0.01	0.08	< 0.01	16.9	0.03	< 0.005	< 0.01
B11944	5	365	173	1.06	< 0.01	< 0.001	0.11	0.033	0.61	0.063	6.23	< 0.1	< 0.01	24.2	0.07	0.355	< 0.01	0.11	< 0.01	17.4	0.04	< 0.005	< 0.01
B11945	11	387	81	0.41	< 0.01	< 0.001	0.06	0.014	0.67	0.020	5.95	< 0.1	< 0.01	25.3	0.09	0.460	< 0.01	0.10	< 0.01	16.6	0.02	< 0.005	< 0.01
B11946	11	53	25	0.35	< 0.01	< 0.001	0.03	0.014	0.65	0.015	5.74	< 0.1	< 0.01	25.6	0.09	0.399	< 0.01	0.12	< 0.01	16.5	0.02	< 0.005	< 0.01
B11947	< 2	26	15	0.41	< 0.01	< 0.001	0.03	0.014	0.66	0.031	6.05	< 0.1	< 0.01	25.5	0.09	0.269	< 0.01	0.10	< 0.01	16.2	0.02	< 0.005	< 0.01
B11948	< 2	30	7	0.34	< 0.01	< 0.001	0.09	0.014	0.59	0.014	5.29	< 0.1	< 0.01	25.5	0.10	0.398	< 0.01	0.14	< 0.01	16.7	0.02	< 0.005	< 0.01
B11949	< 2	20	< 5	0.42	< 0.01	< 0.001	0.06	0.015	0.60	0.019	6.77	< 0.1	< 0.01	24.9	0.09	0.342	< 0.01	0.13	< 0.01	16.2	0.02	< 0.005	< 0.01
B11950	< 2	21	6	0.43	< 0.01	< 0.001	0.07	0.015	0.62	0.019	6.94	< 0.1	< 0.01	24.9	0.09	0.337	< 0.01	0.13	< 0.01	16.4	0.02	< 0.005	< 0.01
B11951	< 2	10	6	0.94	< 0.01	< 0.001	1.46	0.013	0.59	0.040	5.13	< 0.1	< 0.01	23.7	0.09	0.259	< 0.01	0.11	< 0.01	17.8	0.05	< 0.005	< 0.01
B11952	3	27	7	0.41	< 0.01	< 0.001	0.06	0.017	0.69	0.016	5.94	< 0.1	< 0.01	25.3	0.10	0.379	< 0.01	0.16	< 0.01	16.4	0.02	< 0.005	< 0.01
B11953	3	38	27	8.04	< 0.01	< 0.001	6.18	0.019	0.03	0.035	10.4	0.7	< 0.01	4.45	0.12	0.801	< 0.01	1.79	< 0.01	25.5	1.15	< 0.005	0.01
B11954	< 2	17	5	0.36	< 0.01	< 0.001	0.09	0.016	0.65	0.010	5.71	< 0.1	< 0.01	25.2	0.10	0.285	< 0.01	0.12	< 0.01	16.8	0.02	< 0.005	< 0.01
B11955	< 2	21	9	0.43	< 0.01	< 0.001	0.08	0.015	0.65	0.027	6.07	< 0.1	< 0.01	25.0	0.09	0.255	< 0.01	0.12	< 0.01	16.6	0.02	< 0.005	< 0.01
B11956	< 2	23	13	0.42	< 0.01	< 0.001	0.08	0.013	0.65	0.022	6.04	< 0.1	< 0.01	25.2	0.10	0.230	< 0.01	0.10	< 0.01	16.5	0.02	< 0.005	< 0.01
B11957	< 2	46	17	0.45	< 0.01	< 0.001	0.09	0.016	0.62	0.030	5.76	< 0.1	< 0.01	25.3	0.10	0.322	< 0.01	0.14	< 0.01	16.6	0.02	< 0.005	< 0.01
B11958	< 2	< 5	< 5	6.74	< 0.01	< 0.001	4.13	0.002	0.02	< 0.005	3.34	1.8	< 0.01	2.35	0.05	0.011	< 0.01	0.03	< 0.01	26.9	0.24	< 0.005	< 0.01
B11959	< 2	< 5	11	0.46	< 0.01	< 0.001	0.05	0.014	0.54	0.011	6.36	< 0.1	< 0.01	25.1	0.10	0.186	< 0.01	0.08	< 0.01	16.4	0.02	< 0.005	< 0.01
B11960	< 2	17	12	0.42	< 0.01	< 0.001	0.06	0.013	0.57	< 0.005	6.09	< 0.1	< 0.01	25.3	0.10	0.225	< 0.01	0.09	< 0.01	16.7	0.02	< 0.005	< 0.01
B11961	< 2	10	< 5	0.47	< 0.01	< 0.001	0.08	0.013	0.62	< 0.005	6.30	< 0.1	< 0.01	24.9	0.10	0.216	< 0.01	0.08	< 0.01	16.7	0.03	< 0.005	< 0.01
B11962	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.08	0.013	0.59	< 0.005	5.93	< 0.1	< 0.01	25.3	0.10	0.206	< 0.01	0.08	< 0.01	16.8	0.02	< 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			0.17	0.014	1.59	< 0.005				31.2	0.08	0.389	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.17	0.118	14.0					3.17		7.36		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.02			0.162	0.08	0.400	32.3					10.6		24.8		5.93			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.399	32.4					10.7		24.6		5.86			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.4							19.7	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.52			3.07	8.44			0.03			2.08	13.0		17.1		0.116	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.087																	
NCS DC86313 Cert						1																	
CCU-1e Meas				0.14	0.11			0.031		22.3	32.3			0.72	< 0.01		0.73	36.6	< 0.01				3.16
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	4890	2020	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1850	1670	222																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B11937 Orig	4	170	117																				
B11937 Dup	3	154	94																				
B11943 Orig				0.59	< 0.01	< 0.001	0.09	0.013	0.72	< 0.005	6.11	< 0.1	< 0.01	24.8	0.08	0.368	< 0.01	0.07	< 0.01	16.9	0.03	< 0.005	< 0.01
B11943 Dup				0.58	< 0.01	< 0.001	0.07	0.013	0.68	< 0.005	6.04	< 0.1	< 0.01	24.7	0.08	0.392	< 0.01	0.08	< 0.01	16.9	0.03	< 0.005	< 0.01
B11947 Orig	< 2	27	15																				
B11947 Dup	< 2	26	14																				
B11949 Orig				0.43	< 0.01	< 0.001	0.07	0.015	0.62	0.019	6.76	< 0.1	< 0.01	24.8	0.09	0.354	< 0.01	0.14	< 0.01	16.3	0.02	< 0.005	< 0.01
B11949 Dup				0.41	< 0.01	< 0.001	0.05	0.015	0.57	0.019	6.79	< 0.1	< 0.01	25.0	0.09	0.331	< 0.01	0.13	< 0.01	16.1	0.02	< 0.005	< 0.01
B11957 Orig	< 2	43	15																				
B11957 Dup	< 2	49	20																				
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

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				< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05478**
Report Date: **08-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-B75)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-04 08:37:58
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	

REPORT **A20-05478**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977665	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.03	0.013	0.76	< 0.005	5.90	< 0.1	< 0.01	25.7	0.10	0.256	< 0.01	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0977666	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.08	0.013	0.73	< 0.005	5.91	< 0.1	< 0.01	25.2	0.10	0.256	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0977667	4	< 5	< 5	0.82	< 0.01	< 0.001	0.05	0.011	0.49	< 0.005	5.28	< 0.1	< 0.01	25.3	0.09	0.239	< 0.01	0.03	< 0.01	17.1	0.04	< 0.005	< 0.01
A0977668	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.05	0.013	0.69	< 0.005	6.61	< 0.1	< 0.01	24.9	0.10	0.282	< 0.01	0.05	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977669	10	< 5	< 5	0.34	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	4.08	< 0.1	< 0.01	25.9	0.06	0.281	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977670	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.03	0.013	0.72	< 0.005	6.08	< 0.1	< 0.01	25.3	0.10	0.264	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977671	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.08	0.012	0.70	< 0.005	5.88	< 0.1	< 0.01	25.1	0.09	0.254	< 0.01	0.04	< 0.01	17.0	0.02	< 0.005	< 0.01
A0977672	2	< 5	< 5	0.38	< 0.01	< 0.001	0.04	0.013	0.66	< 0.005	5.64	< 0.1	< 0.01	25.5	0.11	0.272	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977673	15	< 5	13	0.42	< 0.01	< 0.001	0.03	0.012	0.68	< 0.005	5.58	< 0.1	< 0.01	25.3	0.10	0.255	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977674	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.04	0.013	0.68	< 0.005	5.98	< 0.1	< 0.01	25.1	0.11	0.258	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977675	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.02	0.012	0.65	< 0.005	5.54	< 0.1	< 0.01	25.2	0.11	0.253	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977676	6	7	14	0.61	< 0.01	< 0.001	0.06	0.012	0.65	< 0.005	5.71	< 0.1	< 0.01	24.7	0.09	0.275	< 0.01	0.07	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977677	< 2	< 5	< 5	0.58	< 0.01	< 0.001	< 0.01	0.012	0.61	< 0.005	5.34	< 0.1	< 0.01	25.0	0.10	0.277	< 0.01	0.06	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977678	< 2	< 5	< 5	6.71	< 0.01	< 0.001	4.12	0.002	0.03	< 0.005	3.78	1.6	< 0.01	2.08	0.07	0.008	< 0.01	0.03	< 0.01	27.3	0.26	< 0.005	< 0.01
A0977679	< 2	< 5	< 5	0.61	< 0.01	< 0.001	0.05	0.012	0.58	< 0.005	5.99	< 0.1	< 0.01	24.8	0.09	0.202	< 0.01	0.04	< 0.01	17.3	0.03	< 0.005	< 0.01
A0977680	2	12	12	0.73	< 0.01	< 0.001	0.28	0.014	0.69	< 0.005	7.46	< 0.1	< 0.01	23.8	0.11	0.204	< 0.01	0.05	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977681	< 2	< 5	14	0.91	< 0.01	< 0.001	0.16	0.014	1.02	< 0.005	7.46	< 0.1	< 0.01	23.4	0.10	0.204	< 0.01	0.05	< 0.01	17.1	0.04	< 0.005	< 0.01
A0977682	< 2	< 5	< 5	0.82	< 0.01	< 0.001	0.16	0.013	0.75	< 0.005	7.44	< 0.1	< 0.01	23.4	0.10	0.185	< 0.01	0.04	< 0.01	17.6	0.03	< 0.005	< 0.01
A0977683	< 2	5	< 5	1.00	< 0.01	< 0.001	0.08	0.015	0.83	0.014	8.24	< 0.1	< 0.01	23.1	0.10	0.168	< 0.01	0.05	< 0.01	17.1	0.04	< 0.005	< 0.01
A0977684	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.11	0.012	0.51	< 0.005	6.65	< 0.1	< 0.01	23.6	0.09	0.185	< 0.01	0.05	< 0.01	17.9	0.04	< 0.005	< 0.01
A0977685	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.10	0.014	0.76	< 0.005	7.84	< 0.1	< 0.01	22.9	0.09	0.203	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977686	< 2	< 5	< 5	0.96	< 0.01	< 0.001	0.08	0.014	0.77	< 0.005	7.50	< 0.1	< 0.01	23.4	0.09	0.151	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977687	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.13	0.013	0.58	< 0.005	6.63	< 0.1	< 0.01	22.9	0.09	0.187	< 0.01	0.06	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977688	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.52	0.014	0.61	< 0.005	7.64	< 0.1	< 0.01	22.6	0.10	0.175	< 0.01	0.05	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977689	< 2	7	5	1.07	< 0.01	< 0.001	0.31	0.015	0.59	< 0.005	8.83	< 0.1	< 0.01	22.0	0.10	0.171	< 0.01	0.06	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977690	< 2	11	< 5	1.61	< 0.01	< 0.001	2.30	0.013	0.46	< 0.005	6.29	< 0.1	< 0.01	21.8	0.10	0.149	< 0.01	0.06	< 0.01	17.7	0.09	< 0.005	< 0.01
A0977691	< 2	5	< 5	0.63	< 0.01	< 0.001	0.11	0.013	0.53	< 0.005	6.73	< 0.1	< 0.01	24.2	0.11	0.202	< 0.01	0.06	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977692	< 2	6	< 5	0.63	< 0.01	< 0.001	0.03	0.012	0.53	< 0.005	6.65	< 0.1	< 0.01	24.0	0.10	0.200	< 0.01	0.06	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977693	< 2	7	< 5	0.63	< 0.01	< 0.001	0.06	0.013	0.57	< 0.005	6.63	< 0.1	< 0.01	24.4	0.11	0.192	< 0.01	0.06	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977694	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.10	0.012	0.56	< 0.005	6.82	< 0.1	< 0.01	23.9	0.11	0.218	< 0.01	0.07	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977695	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.07	0.012	0.55	< 0.005	6.34	< 0.1	< 0.01	24.4	0.11	0.212	< 0.01	0.07	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977696	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.09	0.012	0.52	< 0.005	6.87	< 0.1	< 0.01	23.6	0.10	0.199	< 0.01	0.06	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977697	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.11	0.012	0.53	< 0.005	6.68	< 0.1	< 0.01	23.9	0.11	0.215	< 0.01	0.06	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977698	< 2	< 5	< 5	0.67	< 0.01	< 0.001	0.14	0.013	0.52	< 0.005	6.72	< 0.1	< 0.01	23.7	0.11	0.210	< 0.01	0.07	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977699	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.10	0.013	0.53	< 0.005	6.88	< 0.1	< 0.01	23.9	0.11	0.229	< 0.01	0.06	< 0.01	17.0	0.04	< 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			0.17	0.014	1.59	< 0.005				31.2	0.08	0.389	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.17	0.118	14.0					3.17		7.36		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.02			0.162	0.08	0.400	32.3					10.6		24.8		5.93			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.399	32.4					10.7		24.6		5.86			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.4							19.7	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.52			3.07	8.44			0.03			2.08	13.0		17.1		0.116	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.087																	
NCS DC86313 Cert						1																	
CCU-1e Meas				0.14	0.11			0.031		22.3	32.3			0.72	< 0.01		0.73	36.6	< 0.01				3.16
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	5140	1910	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1780	1680	207																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977671 Orig				0.40	< 0.01	< 0.001	0.06	0.012	0.70	< 0.005	5.86	< 0.1	< 0.01	25.1	0.09	0.255	< 0.01	0.04	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977671 Dup				0.41	< 0.01	< 0.001	0.10	0.012	0.70	< 0.005	5.90	< 0.1	< 0.01	25.2	0.10	0.253	< 0.01	0.04	< 0.01	17.2	0.02	< 0.005	< 0.01
A0977674 Orig	< 2	< 5	< 5																				
A0977674 Dup	< 2	< 5	< 5																				
A0977678 Orig				6.73	< 0.01	< 0.001	4.11	0.002	0.02	< 0.005	3.78	1.6	< 0.01	2.09	0.07	0.008	< 0.01	0.03	< 0.01	27.3	0.26	< 0.005	< 0.01
A0977678 Dup				6.69	< 0.01	< 0.001	4.14	0.002	0.03	< 0.005	3.78	1.6	< 0.01	2.06	0.07	0.008	< 0.01	0.03	< 0.01	27.4	0.26	< 0.005	< 0.01
A0977684 Orig	< 2	< 5	< 5																				
A0977684 Dup	< 2	< 5	< 5																				
A0977693 Orig				0.63	< 0.01	< 0.001	0.06	0.013	0.57	< 0.005	6.63	< 0.1	< 0.01	24.4	0.11	0.192	< 0.01	0.06	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977694 Orig	< 2	< 5	< 5																				
A0977694 Dup	< 2	< 5	< 5																				
A0977699 Orig				0.65	< 0.01	< 0.001	0.10	0.013	0.51	< 0.005	6.75	< 0.1	< 0.01	23.9	0.11	0.219	< 0.01	0.06	< 0.01	17.1	0.04	< 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
A0977699 Dup				0.66	< 0.01	< 0.001	0.10	0.014	0.54	< 0.005	7.00	< 0.1	< 0.01	23.8	0.11	0.239	< 0.01	0.06	< 0.01	17.0	0.04	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05479**
Report Date: **08-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-D09)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-04 13:17:54

REPORT **A20-05479**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05479**
Report Date: **08-Jun-20**
Date Submitted: **26-May-20**
Your Reference: **Crawford (CR20-C-D09)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-02 17:08:16

REPORT **A20-05479**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B11998	26	5	12	0.92	< 0.01	< 0.001	0.14	0.014	0.87	< 0.005	8.22	< 0.1	< 0.01	22.5	0.09	0.230	< 0.01	0.08	< 0.01	17.0	0.04	< 0.005	< 0.01
B11999	2	< 5	< 5	0.87	< 0.01	< 0.001	0.16	0.014	0.65	< 0.005	7.15	< 0.1	< 0.01	23.4	0.09	0.211	< 0.01	0.08	< 0.01	17.2	0.04	< 0.005	< 0.01
B12000	< 2	< 5	< 5	0.89	< 0.01	< 0.001	0.19	0.013	0.68	< 0.005	7.75	< 0.1	< 0.01	22.9	0.09	0.183	< 0.01	0.07	< 0.01	17.7	0.04	< 0.005	< 0.01
B12001	10	23	22	1.35	< 0.01	< 0.001	0.47	0.014	0.55	< 0.005	5.96	< 0.1	< 0.01	22.8	0.10	0.126	< 0.01	0.06	< 0.01	17.8	0.04	< 0.005	< 0.01
B12002	5	< 5	8	1.40	< 0.01	< 0.001	1.20	0.013	0.45	< 0.005	6.96	< 0.1	< 0.01	21.9	0.10	0.087	< 0.01	0.04	< 0.01	17.8	0.05	< 0.005	< 0.01
B12003	7	6	11	1.35	< 0.01	< 0.001	1.02	0.013	0.40	< 0.005	7.57	< 0.1	< 0.01	21.6	0.11	0.082	< 0.01	0.04	< 0.01	17.9	0.07	< 0.005	< 0.01
B12004	12	270	37	1.40	< 0.01	< 0.001	1.35	0.015	0.42	< 0.005	7.13	< 0.1	< 0.01	21.8	0.11	0.071	< 0.01	0.04	< 0.01	17.9	0.06	< 0.005	< 0.01
B12005	13	381	88	1.54	< 0.01	< 0.001	1.78	0.015	0.48	< 0.005	7.43	< 0.1	< 0.01	21.3	0.10	0.063	< 0.01	0.03	< 0.01	18.0	0.06	< 0.005	< 0.01
B12006	9	329	101	1.61	< 0.01	< 0.001	1.64	0.014	0.41	< 0.005	7.04	< 0.1	< 0.01	21.2	0.10	0.060	< 0.01	0.03	< 0.01	18.2	0.05	< 0.005	< 0.01
B12007	4	281	102	1.62	< 0.01	< 0.001	1.67	0.017	0.43	< 0.005	6.92	< 0.1	< 0.01	23.5	0.12	0.070	< 0.01	0.07	< 0.01	19.5	0.07	< 0.005	< 0.01
B12008	< 2	47	74	1.86	< 0.01	< 0.001	2.23	0.014	0.34	< 0.005	6.54	< 0.1	< 0.01	21.2	0.11	0.056	< 0.01	0.03	< 0.01	17.9	0.08	< 0.005	< 0.01
B12009	< 2	64	115	1.55	< 0.01	< 0.001	1.20	0.015	0.34	< 0.005	7.03	< 0.1	< 0.01	21.8	0.11	0.060	< 0.01	0.04	< 0.01	18.0	0.07	< 0.005	< 0.01
B12010	2	68	105	1.41	< 0.01	< 0.001	0.92	0.013	0.39	< 0.005	8.39	< 0.1	< 0.01	21.7	0.12	0.067	< 0.01	0.04	< 0.01	17.7	0.05	< 0.005	< 0.01
B12011	7	151	93	1.28	< 0.01	< 0.001	0.85	0.015	0.38	< 0.005	7.54	< 0.1	< 0.01	22.0	0.11	0.072	< 0.01	0.05	< 0.01	17.9	0.04	< 0.005	< 0.01
B12012	10	119	105	1.77	< 0.01	< 0.001	2.75	0.014	0.33	< 0.005	7.31	< 0.1	< 0.01	20.6	0.12	0.060	< 0.01	0.06	< 0.01	18.3	0.09	< 0.005	< 0.01
B12013	20	345	301	1.80	< 0.01	< 0.001	2.54	0.014	0.28	< 0.005	8.53	< 0.1	< 0.01	20.3	0.13	0.057	< 0.01	0.07	< 0.01	18.0	0.06	< 0.005	< 0.01
B12014	12	569	501	1.32	< 0.01	< 0.001	0.78	0.014	0.32	< 0.005	7.92	< 0.1	< 0.01	22.2	0.11	0.059	< 0.01	0.05	< 0.01	18.2	0.06	< 0.005	< 0.01
B12015	50	1680	1870	1.57	< 0.01	< 0.001	1.49	0.014	0.73	0.021	8.09	< 0.1	< 0.01	21.3	0.13	0.060	< 0.01	0.06	< 0.01	18.0	0.05	< 0.005	0.01
B12016	57	1890	2130	1.59	< 0.01	< 0.001	1.49	0.014	0.72	0.021	8.07	< 0.1	< 0.01	21.2	0.13	0.060	< 0.01	0.07	< 0.01	17.9	0.05	< 0.005	< 0.01
B12017	11	28	48	1.59	< 0.01	< 0.001	4.66	0.013	0.65	0.034	8.02	< 0.1	< 0.01	18.1	0.15	0.059	< 0.01	0.09	< 0.01	19.2	0.09	< 0.005	0.01
B12018	9	< 5	< 5	2.06	< 0.01	< 0.001	7.17	0.008	0.48	0.025	5.53	< 0.1	< 0.01	15.0	0.14	0.029	< 0.01	0.27	< 0.01	23.1	0.08	< 0.005	0.01
B12019	3	< 5	< 5	2.25	< 0.01	< 0.001	5.30	0.008	0.47	0.013	5.68	< 0.1	< 0.01	14.8	0.13	0.034	< 0.01	0.12	< 0.01	23.5	0.09	< 0.005	< 0.01
B12020	3	< 5	< 5	2.30	< 0.01	< 0.001	5.80	0.007	0.41	0.018	5.60	< 0.1	< 0.01	14.4	0.12	0.028	< 0.01	0.12	< 0.01	23.8	0.09	< 0.005	< 0.01
B12021	4	< 5	< 5	2.04	< 0.01	< 0.001	12.4	0.006	0.40	0.034	4.50	< 0.1	< 0.01	11.5	0.13	0.025	< 0.01	0.07	< 0.01	24.5	0.11	< 0.005	< 0.01
B12022	< 2	< 5	< 5	2.07	< 0.01	< 0.001	11.6	0.006	0.40	0.034	4.75	< 0.1	< 0.01	12.1	0.13	0.027	< 0.01	0.09	< 0.01	24.4	0.11	< 0.005	< 0.01
B12023	< 2	< 5	< 5	1.97	< 0.01	< 0.001	12.0	0.005	0.38	0.032	4.70	< 0.1	< 0.01	11.9	0.13	0.030	< 0.01	0.09	< 0.01	23.7	0.11	< 0.005	< 0.01
B12024	< 2	< 5	< 5	6.99	< 0.01	< 0.001	3.92	0.002	0.02	< 0.005	3.48	1.6	< 0.01	1.97	0.07	0.018	< 0.01	0.03	< 0.01	29.5	0.29	< 0.005	< 0.01
B12025	2	< 5	< 5	2.05	< 0.01	< 0.001	10.3	0.008	0.33	0.053	5.14	< 0.1	< 0.01	12.7	0.12	0.037	< 0.01	0.47	< 0.01	23.9	0.09	< 0.005	< 0.01
B12026	6	< 5	< 5	2.06	< 0.01	< 0.001	12.4	0.006	0.37	0.031	4.49	< 0.1	< 0.01	11.6	0.13	0.030	< 0.01	0.08	< 0.01	24.3	0.10	< 0.005	< 0.01
B12027	4	< 5	< 5	2.06	< 0.01	< 0.001	12.1	0.006	0.35	0.033	4.53	< 0.1	< 0.01	11.9	0.13	0.026	< 0.01	0.06	< 0.01	24.0	0.09	< 0.005	< 0.01
B12028	11	< 5	< 5	2.26	< 0.01	< 0.001	12.1	0.006	0.35	0.041	4.62	< 0.1	< 0.01	11.8	0.12	0.038	< 0.01	0.06	< 0.01	24.5	0.10	< 0.005	< 0.01
B12029	< 2	< 5	< 5	2.29	< 0.01	< 0.001	11.3	0.007	0.33	0.024	4.79	< 0.1	< 0.01	12.4	0.12	0.025	< 0.01	0.17	< 0.01	23.9	0.10	< 0.005	< 0.01
B12030	10	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	3.97	< 0.1	< 0.01	25.5	0.06	0.294	< 0.01	0.08	< 0.01	16.5	0.02	< 0.005	< 0.01
B12031	4	< 5	< 5	2.66	< 0.01	< 0.001	10.9	0.007	0.35	0.033	4.89	< 0.1	< 0.01	12.2	0.12	0.028	< 0.01	0.13	< 0.01	23.8	0.10	< 0.005	< 0.01
B12032	2	< 5	< 5	2.37	< 0.01	< 0.001	11.1	0.006	0.33	0.030	5.01	< 0.1	< 0.01	12.0	0.12	0.029	< 0.01	0.08	< 0.01	24.0	0.13	< 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			0.17	0.014	1.59	< 0.005				31.2	0.08	0.389	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.17	0.118	14.0					3.17		7.36		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.02			0.162	0.08	0.400	32.3					10.6		24.8		5.93			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.163	0.08	0.399	32.4					10.7		24.6		5.86			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.4							19.7	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.52			3.07	8.44			0.03			2.08	13.0		17.1		0.116	16.5
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
NCS DC86303 Meas													0.22									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.087																	
NCS DC86313 Cert						1																	
CCU-1e Meas				0.14	0.11			0.031		22.3	32.3			0.72	< 0.01		0.73	36.6	< 0.01				3.16
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	4540	1900	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4980	1980	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1850	1630	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1830	1670	224																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B12007 Orig	4	281	106																				
B12007 Dup	4	281	98																				
B12014 Orig				1.32	< 0.01	< 0.001	0.83	0.014	0.32	< 0.005	7.92	< 0.1	< 0.01	22.1	0.11	0.059	< 0.01	0.05	< 0.01	18.3	0.06	< 0.005	< 0.01
B12014 Dup				1.31	< 0.01	< 0.001	0.73	0.014	0.32	< 0.005	7.92	< 0.1	< 0.01	22.3	0.11	0.059	< 0.01	0.05	< 0.01	18.0	0.06	< 0.005	< 0.01
B12017 Orig	11	27	45																				

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
B12017 Dup	11	29	50																				
B12021 Orig				2.04	< 0.01	< 0.001	12.3	0.006	0.40	0.034	4.49	< 0.1	< 0.01	11.5	0.13	0.025	< 0.01	0.07	< 0.01	24.3	0.11	< 0.005	< 0.01
B12021 Dup				2.05	< 0.01	< 0.001	12.4	0.006	0.40	0.035	4.51	< 0.1	< 0.01	11.5	0.13	0.025	< 0.01	0.07	< 0.01	24.7	0.11	< 0.005	< 0.01
B12027 Orig	4	< 5	< 5																				
B12027 Dup	4	< 5	< 5																				
B12032 Orig				2.37	< 0.01	< 0.001	11.2	0.006	0.33	0.030	5.02	< 0.1	< 0.01	12.0	0.12	0.026	< 0.01	0.07	< 0.01	23.9	0.13	< 0.005	< 0.01
B12032 Dup				2.37	< 0.01	< 0.001	11.1	0.006	0.33	0.030	5.00	< 0.1	< 0.01	12.0	0.12	0.031	< 0.01	0.08	< 0.01	24.1	0.13	< 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.: **A20-05528**
Report Date: **12-Jun-20**
Date Submitted: **27-May-20**
Your Reference: **Crawford (CR20-C-B76)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-05 19:06:45

REPORT **A20-05528**

Notes:

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.: **A20-05528**
Report Date: **12-Jun-20**
Date Submitted: **27-May-20**
Your Reference: **Crawford (CR20-C-B76)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-05 09:48:00

REPORT **A20-05528**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0977700	< 2	< 5	< 5	0.77	< 0.01	< 0.001	0.10	0.013	0.58	< 0.005	6.52	< 0.1	< 0.01	23.9	0.12	0.217	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977701	2	< 5	7	0.84	< 0.01	< 0.001	0.12	0.013	0.76	< 0.005	6.70	< 0.1	< 0.01	23.6	0.11	0.207	< 0.01	0.05	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977702	< 2	< 5	5	6.64	< 0.01	< 0.001	4.03	0.002	0.03	< 0.005	3.58	1.4	< 0.01	2.26	0.06	0.008	< 0.01	0.02	< 0.01	28.8	0.28	< 0.005	< 0.01
A0977703	2	< 5	6	1.09	< 0.01	< 0.001	0.16	0.013	1.07	< 0.005	6.50	< 0.1	< 0.01	23.2	0.11	0.192	< 0.01	0.04	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977704	< 2	25	11	1.08	< 0.01	< 0.001	0.17	0.014	0.88	< 0.005	7.99	< 0.1	< 0.01	22.6	0.11	0.200	< 0.01	0.07	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977705	< 2	< 5	< 5	1.10	< 0.01	< 0.001	0.18	0.014	1.04	< 0.005	7.37	< 0.1	< 0.01	22.7	0.11	0.186	< 0.01	0.05	< 0.01	17.3	0.05	< 0.005	< 0.01
A0977706	< 2	34	13	1.03	< 0.01	< 0.001	0.12	0.014	0.53	< 0.005	7.53	< 0.1	< 0.01	22.9	0.11	0.195	< 0.01	0.05	< 0.01	17.3	0.04	< 0.005	< 0.01
A0977707	< 2	< 5	< 5	0.97	< 0.01	< 0.001	0.10	0.014	0.48	< 0.005	8.05	< 0.1	< 0.01	22.9	0.11	0.207	< 0.01	0.06	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977708	< 2	5	< 5	1.10	< 0.01	< 0.001	0.15	0.015	0.79	< 0.005	8.64	< 0.1	< 0.01	22.2	0.11	0.187	< 0.01	0.06	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977709	< 2	11	8	1.08	< 0.01	< 0.001	0.14	0.014	0.74	< 0.005	7.41	< 0.1	< 0.01	22.5	0.11	0.201	< 0.01	0.06	< 0.01	17.5	0.05	< 0.005	< 0.01
A0977710	< 2	< 5	16	1.15	< 0.01	< 0.001	0.15	0.013	0.65	< 0.005	7.65	< 0.1	< 0.01	22.7	0.11	0.199	< 0.01	0.05	< 0.01	17.3	0.04	< 0.005	< 0.01
A0977711	< 2	6	6	1.00	< 0.01	< 0.001	0.33	0.014	0.66	< 0.005	7.59	< 0.1	< 0.01	22.5	0.11	0.189	< 0.01	0.05	< 0.01	17.6	0.05	< 0.005	< 0.01
A0977712	< 2	5	< 5	1.08	< 0.01	< 0.001	0.48	0.014	0.54	< 0.005	7.96	< 0.1	< 0.01	22.4	0.11	0.179	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977713	< 2	< 5	< 5	1.05	< 0.01	< 0.001	0.60	0.013	0.60	< 0.005	7.00	< 0.1	< 0.01	22.5	0.11	0.178	< 0.01	0.05	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977714	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.51	0.014	0.64	< 0.005	7.50	< 0.1	< 0.01	22.3	0.12	0.179	< 0.01	0.05	< 0.01	17.7	0.05	< 0.005	< 0.01
A0977715	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.49	0.014	0.64	< 0.005	7.55	< 0.1	< 0.01	22.4	0.12	0.180	< 0.01	0.05	< 0.01	17.5	0.05	< 0.005	< 0.01
A0977716	< 2	6	6	1.09	< 0.01	< 0.001	0.38	0.014	0.58	< 0.005	7.82	< 0.1	< 0.01	22.3	0.11	0.174	< 0.01	0.04	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977717	11	< 5	< 5	1.03	< 0.01	< 0.001	0.23	0.013	0.52	< 0.005	6.93	< 0.1	< 0.01	23.0	0.11	0.180	< 0.01	0.04	< 0.01	17.6	0.03	< 0.005	< 0.01
A0977718	< 2	< 5	< 5	1.02	< 0.01	< 0.001	0.26	0.013	0.52	< 0.005	6.90	< 0.1	< 0.01	22.8	0.11	0.172	< 0.01	0.04	< 0.01	17.9	0.03	< 0.005	< 0.01
A0977719	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.16	0.014	0.59	< 0.005	7.77	< 0.1	< 0.01	22.7	0.11	0.189	< 0.01	0.06	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977720	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.20	0.014	0.58	< 0.005	7.77	< 0.1	< 0.01	22.7	0.11	0.181	< 0.01	0.05	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977721	< 2	< 5	< 5	1.11	< 0.01	< 0.001	0.10	0.012	0.54	< 0.005	7.15	< 0.1	< 0.01	22.9	0.10	0.182	< 0.01	0.06	< 0.01	17.5	0.03	< 0.005	< 0.01
A0977722	2	< 5	< 5	1.13	< 0.01	< 0.001	0.13	0.012	0.54	< 0.005	7.14	< 0.1	< 0.01	22.8	0.10	0.179	< 0.01	0.05	< 0.01	17.8	0.03	< 0.005	< 0.01
A0977723	2	< 5	< 5	0.96	< 0.01	< 0.001	0.36	0.015	0.59	< 0.005	7.52	< 0.1	< 0.01	22.7	0.12	0.171	< 0.01	0.06	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977724	< 2	< 5	< 5	1.11	< 0.01	< 0.001	0.24	0.014	0.49	< 0.005	7.35	< 0.1	< 0.01	23.0	0.12	0.169	< 0.01	0.05	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977725	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.49	0.014	0.52	< 0.005	7.47	< 0.1	< 0.01	22.6	0.12	0.156	< 0.01	0.05	< 0.01	17.9	0.04	< 0.005	< 0.01
A0977726	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.47	0.014	0.53	< 0.005	7.48	< 0.1	< 0.01	22.7	0.12	0.158	< 0.01	0.05	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977727	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.51	0.016	0.63	< 0.005	7.74	< 0.1	< 0.01	22.6	0.13	0.160	< 0.01	0.05	< 0.01	17.5	0.04	< 0.005	< 0.01
A0977728	< 2	< 5	< 5	1.05	< 0.01	< 0.001	0.55	0.016	0.62	< 0.005	7.77	< 0.1	< 0.01	22.4	0.13	0.151	< 0.01	0.05	< 0.01	17.7	0.05	< 0.005	< 0.01
A0977729	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.55	0.014	0.51	< 0.005	8.47	< 0.1	< 0.01	22.1	0.13	0.143	< 0.01	0.04	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977730	< 2	< 5	< 5	1.14	< 0.01	< 0.001	0.54	0.014	0.49	< 0.005	8.44	< 0.1	< 0.01	22.1	0.12	0.147	< 0.01	0.05	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977731	35	658	721	2.07	< 0.01	< 0.001	8.55	0.008	0.27	< 0.005	5.82	< 0.1	< 0.01	15.1	0.16	0.036	< 0.01	0.04	< 0.01	22.3	0.07	< 0.005	< 0.01
A0977732	42	679	723	2.08	< 0.01	< 0.001	8.67	0.008	0.27	< 0.005	5.90	< 0.1	< 0.01	15.0	0.16	0.038	< 0.01	0.04	< 0.01	22.3	0.06	< 0.005	< 0.01
A0977733	69	1170	1520	2.31	< 0.01	< 0.001	4.55	0.008	0.23	0.007	6.32	< 0.1	< 0.01	15.5	0.13	0.028	< 0.01	0.42	< 0.01	23.5	0.08	< 0.005	< 0.01
A0977734	79	99	249	2.10	< 0.01	< 0.001	9.61	0.007	0.33	0.027	5.62	< 0.1	< 0.01	12.9	0.14	0.034	< 0.01	0.18	< 0.01	24.4	0.11	< 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				0.23			0.12	0.013	1.58	< 0.005				31.1	0.09	0.389	< 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					0.009					1.06	< 0.005	< 0.01			16.3		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.8					3.32		7.35		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					0.03			0.011		0.136	12.1							20.0	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											44.5				0.27					4.49	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.422							0.18	34.0		0.27			56.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CCU-1e Meas				0.13	0.10			0.032		22.3	31.6			0.74	< 0.01		0.71	35.6	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	5100	2000	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1810	1670	217																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977705 Orig				1.11	< 0.01	< 0.001	0.18	0.014	1.04	< 0.005	7.30	< 0.1	< 0.01	22.6	0.11	0.187	< 0.01	0.05	< 0.01	17.3	0.05	< 0.005	< 0.01
A0977705 Dup				1.08	< 0.01	< 0.001	0.19	0.014	1.04	< 0.005	7.44	< 0.1	< 0.01	22.7	0.11	0.186	< 0.01	0.05	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977709 Orig	< 2	11	9																				
A0977709 Dup	< 2	11	7																				
A0977713 Orig				1.05	< 0.01	< 0.001	0.62	0.013	0.61	< 0.005	6.97	< 0.1	< 0.01	22.6	0.11	0.177	< 0.01	0.05	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977713 Dup				1.06	< 0.01	< 0.001	0.59	0.013	0.60	< 0.005	7.02	< 0.1	< 0.01	22.4	0.11	0.178	< 0.01	0.05	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977719 Orig	< 2	< 5	< 5																				
A0977719 Dup	< 2	< 5	< 5																				
A0977728 Orig				1.05	< 0.01	< 0.001	0.55	0.016	0.61	< 0.005	7.76	< 0.1	< 0.01	22.4	0.13	0.155	< 0.01	0.05	< 0.01	17.7	0.04	< 0.005	< 0.01
A0977728 Dup				1.06	< 0.01	< 0.001	0.55	0.016	0.63	< 0.005	7.78	< 0.1	< 0.01	22.5	0.13	0.147	< 0.01	0.05	< 0.01	17.7	0.05	< 0.005	< 0.01
A0977729 Orig	< 2	< 5	< 5																				
A0977729 Dup	< 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
A0977734 Orig				2.09	< 0.01	< 0.001	9.62	0.007	0.33	0.026	5.63	< 0.1	< 0.01	12.9	0.14	0.034	< 0.01	0.18	< 0.01	24.4	0.11	< 0.005	< 0.01
A0977734 Dup				2.10	< 0.01	< 0.001	9.60	0.007	0.33	0.027	5.61	< 0.1	< 0.01	12.9	0.14	0.034	< 0.01	0.18	< 0.01	24.4	0.11	< 0.005	< 0.01
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

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05605**
Report Date: **18-Jun-20**
Date Submitted: **29-May-20**
Your Reference: **Crawford (CR20-C-B77)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-05 19:06:45

REPORT **A20-05605**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05605**
Report Date: **18-Jun-20**
Date Submitted: **29-May-20**
Your Reference: **Crawford (CR20-C-B77)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-08 11:18:46

REPORT **A20-05605**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977735	64	5	60	2.37	< 0.01	< 0.001	10.6	0.006	0.38	0.030	4.74	0.2	< 0.01	11.2	0.12	0.023	< 0.01	0.01	< 0.01	23.9	0.11	< 0.005	< 0.01
A0977736	48	< 5	48	2.41	< 0.01	< 0.001	10.8	0.006	0.38	0.038	4.68	0.1	< 0.01	11.0	0.12	0.025	< 0.01	0.04	< 0.01	24.0	0.10	< 0.005	< 0.01
A0977737	52	< 5	33	2.43	< 0.01	< 0.001	10.7	0.006	0.36	0.045	5.03	< 0.1	< 0.01	12.0	0.13	0.032	< 0.01	0.07	< 0.01	24.9	0.11	< 0.005	< 0.01
A0977738	39	< 5	20	2.40	< 0.01	< 0.001	9.95	0.006	0.34	0.040	4.95	< 0.1	< 0.01	11.1	0.13	0.063	< 0.01	0.11	< 0.01	24.3	0.11	< 0.005	< 0.01
A0977739	31	< 5	12	2.23	< 0.01	< 0.001	10.7	0.006	0.32	0.037	4.89	< 0.1	< 0.01	11.2	0.13	0.025	< 0.01	0.08	< 0.01	24.4	0.11	< 0.005	< 0.01
A0977740	10	< 5	5	2.21	< 0.01	< 0.001	11.1	0.005	0.30	0.032	4.77	< 0.1	< 0.01	10.6	0.13	0.022	< 0.01	0.11	< 0.01	24.7	0.10	< 0.005	< 0.01
A0977741	12	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	3.92	< 0.1	< 0.01	25.2	0.06	0.277	< 0.01	0.05	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977742	9	< 5	5	2.23	< 0.01	< 0.001	11.3	0.007	0.29	0.053	5.25	< 0.1	< 0.01	11.1	0.13	0.030	< 0.01	0.20	< 0.01	24.0	0.11	< 0.005	< 0.01
A0977743	4	< 5	< 5	4.22	< 0.01	< 0.001	10.4	0.006	0.25	0.035	4.72	0.1	< 0.01	10.0	0.11	0.023	< 0.01	0.08	< 0.01	23.2	0.11	< 0.005	< 0.01
A0977744	5	< 5	< 5	2.63	< 0.01	< 0.001	11.1	0.006	0.33	0.036	4.91	< 0.1	< 0.01	10.8	0.12	0.022	< 0.01	0.09	< 0.01	23.7	0.10	< 0.005	< 0.01
A0977745	< 2	< 5	< 5	8.35	< 0.01	< 0.001	10.3	0.004	0.17	0.015	3.56	0.2	< 0.01	7.60	0.08	0.014	< 0.01	0.02	< 0.01	21.6	0.05	< 0.005	< 0.01
A0977746	< 2	< 5	< 5	9.02	< 0.01	< 0.001	8.74	0.004	0.12	0.014	3.90	0.3	< 0.01	7.98	0.08	0.019	< 0.01	0.03	< 0.01	21.9	0.07	< 0.005	< 0.01
A0977747	< 2	< 5	< 5	9.41	< 0.01	< 0.001	10.1	0.004	0.11	0.019	3.46	0.2	< 0.01	6.87	0.08	0.015	< 0.01	0.03	< 0.01	22.2	0.06	< 0.005	< 0.01
A0977748	< 2	< 5	< 5	8.87	< 0.01	< 0.001	10.0	0.004	0.12	0.007	3.57	0.2	< 0.01	6.98	0.08	0.012	< 0.01	0.02	< 0.01	22.6	0.07	< 0.005	< 0.01
A0977749	< 2	< 5	< 5	8.52	< 0.01	< 0.001	9.95	0.004	0.11	0.006	3.72	0.2	< 0.01	7.30	0.09	0.012	< 0.01	0.02	< 0.01	22.5	0.07	< 0.005	< 0.01
A0977750	< 2	< 5	< 5	8.65	< 0.01	< 0.001	9.96	0.004	0.11	0.007	3.88	0.2	< 0.01	7.18	0.09	0.014	< 0.01	0.04	< 0.01	22.6	0.07	< 0.005	< 0.01
A0977751	< 2	< 5	< 5	8.99	< 0.01	< 0.001	9.47	0.004	0.08	0.013	3.77	0.2	< 0.01	6.95	0.09	0.014	< 0.01	0.04	< 0.01	22.4	0.07	< 0.005	< 0.01
A0977752	< 2	< 5	< 5	8.98	< 0.01	< 0.001	10.0	0.004	0.08	0.011	3.75	< 0.1	< 0.01	7.13	0.09	0.012	< 0.01	0.02	< 0.01	23.1	0.07	< 0.005	< 0.01
A0977753	< 2	< 5	< 5	8.88	< 0.01	< 0.001	9.66	0.004	0.07	0.011	3.60	0.1	< 0.01	6.75	0.09	0.012	< 0.01	0.03	< 0.01	22.8	0.07	< 0.005	< 0.01
A0977754	7	< 5	< 5	6.95	< 0.01	< 0.001	3.71	0.002	0.02	< 0.005	3.79	1.7	< 0.01	2.00	0.07	0.008	< 0.01	0.02	< 0.01	30.1	0.30	< 0.005	< 0.01
A0977755	< 2	< 5	< 5	9.15	< 0.01	< 0.001	9.35	0.004	0.07	0.008	3.79	0.2	< 0.01	6.91	0.09	0.011	< 0.01	0.03	< 0.01	22.6	0.07	< 0.005	< 0.01
A0977756	< 2	< 5	< 5	8.78	< 0.01	< 0.001	9.21	0.004	0.06	0.011	3.75	0.2	< 0.01	6.90	0.09	0.012	< 0.01	0.03	< 0.01	23.2	0.07	< 0.005	< 0.01
A0977757	< 2	< 5	< 5	8.88	< 0.01	< 0.001	9.67	0.004	0.06	0.014	3.83	0.2	< 0.01	6.83	0.09	0.028	< 0.01	0.02	< 0.01	22.7	0.08	< 0.005	< 0.01
A0977758	< 2	< 5	< 5	8.96	< 0.01	< 0.001	9.77	0.005	0.05	0.017	3.83	0.1	< 0.01	6.65	0.09	0.013	< 0.01	0.08	< 0.01	23.0	0.07	< 0.005	< 0.01
A0977759	< 2	< 5	< 5	8.84	< 0.01	< 0.001	9.64	0.004	0.05	0.011	3.85	0.1	< 0.01	7.01	0.09	0.011	< 0.01	0.03	< 0.01	22.8	0.08	< 0.005	< 0.01
A0977760	< 2	< 5	< 5	8.90	< 0.01	< 0.001	10.1	0.004	0.05	0.013	3.97	0.1	< 0.01	6.79	0.09	0.013	< 0.01	0.07	< 0.01	23.1	0.08	< 0.005	< 0.01
A0977761	< 2	< 5	< 5	8.71	< 0.01	< 0.001	9.54	0.004	0.05	0.013	3.97	0.1	< 0.01	6.81	0.09	0.013	< 0.01	0.08	< 0.01	23.0	0.07	< 0.005	< 0.01
A0977762	< 2	< 5	< 5	8.87	< 0.01	< 0.001	9.74	0.004	0.05	0.013	3.90	0.2	< 0.01	6.68	0.09	0.011	< 0.01	0.07	< 0.01	23.0	0.08	< 0.005	< 0.01
A0977763	< 2	< 5	< 5	8.90	< 0.01	< 0.001	9.72	0.004	0.05	0.014	3.90	0.2	< 0.01	6.69	0.09	0.011	< 0.01	0.06	< 0.01	23.1	0.08	< 0.005	< 0.01
A0977764	< 2	< 5	< 5	8.65	< 0.01	< 0.001	9.15	0.004	0.04	0.010	3.96	0.2	< 0.01	6.97	0.09	0.011	< 0.01	0.02	< 0.01	23.1	0.08	< 0.005	< 0.01
A0977765	< 2	< 5	< 5	8.58	< 0.01	< 0.001	9.42	0.004	0.04	0.010	4.11	< 0.1	< 0.01	7.02	0.09	0.011	< 0.01	0.03	< 0.01	22.9	0.08	< 0.005	< 0.01
A0977766	< 2	< 5	< 5	8.82	< 0.01	< 0.001	9.07	0.004	0.04	0.010	3.94	0.2	< 0.01	6.95	0.09	0.010	< 0.01	0.01	< 0.01	23.3	0.08	< 0.005	< 0.01
A0977767	< 2	< 5	< 5	8.27	< 0.01	< 0.001	9.34	0.004	0.04	0.015	3.93	0.2	< 0.01	6.76	0.09	0.011	< 0.01	0.01	< 0.01	23.4	0.09	< 0.005	< 0.01
A0977768	< 2	< 5	< 5	8.93	< 0.01	< 0.001	9.48	0.005	0.03	0.014	4.16	0.3	< 0.01	6.66	0.09	0.012	< 0.01	0.04	< 0.01	22.7	0.08	< 0.005	< 0.01
A0977769	< 2	< 5	< 5	7.66	< 0.01	< 0.001	9.30	0.004	0.03	0.017	4.27	0.2	< 0.01	7.53	0.10	0.013	< 0.01	0.04	< 0.01	23.4	0.09	< 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				
CD-1 Meas					0.66														3.57				
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DTS-2b Meas				0.22			0.10	0.013	1.55	< 0.005				31.6	0.08	0.394	< 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
DTS-2b Meas				0.23			0.12	0.013	1.58	< 0.005				31.1	0.09	0.389	< 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					0.011					1.10	< 0.005	< 0.01			16.6		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
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.009					1.06	< 0.005	< 0.01			16.3		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 74a (Fusion) Meas					< 0.01			0.058	0.17	0.118	13.8					3.22		7.61		15.6			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.8					3.32		7.35		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.161	0.07	0.403	31.7					10.3		24.4		5.76			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.4							20.7	< 0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.011		0.136	12.1							20.0	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.27		2.54			3.12	8.28			0.03			2.08	13.8		17.1		0.107	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.25		2.45			2.94	7.97			0.03			2.05	13.2		16.2		0.109	16.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.7				0.27					4.57	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.7				0.27					4.64	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.5				0.27					4.49	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303													0.21									0.0009	

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
Cert																							
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.092																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.084																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.010		0.431							0.18	34.9		0.27			56.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.010		0.422							0.18	34.0		0.27			56.5
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			0.032		23.0	31.9			0.73	0.01		0.71	37.0	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
CCU-1e Meas				0.13	0.10			0.032		22.3	31.6			0.74	< 0.01		0.71	35.6	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	4790	1970	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1930	1660	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977737 Orig				2.47	< 0.01	< 0.001	10.8	0.006	0.36	0.046	5.04	0.1	< 0.01	11.9	0.14	0.031	< 0.01	0.06	< 0.01	25.2	0.11	< 0.005	< 0.01
A0977737 Dup				2.38	< 0.01	< 0.001	10.7	0.006	0.36	0.045	5.01	< 0.1	< 0.01	12.0	0.13	0.033	< 0.01	0.07	< 0.01	24.5	0.11	< 0.005	< 0.01
A0977744 Orig	4	< 5	< 5																				
A0977744 Dup	5	< 5	< 5																				
A0977750 Orig				8.64	< 0.01	< 0.001	9.93	0.004	0.11	0.007	3.88	0.2	< 0.01	7.15	0.09	0.013	< 0.01	0.03	< 0.01	22.5	0.07	< 0.005	< 0.01
A0977750 Dup				8.66	< 0.01	< 0.001	10.00	0.004	0.10	0.007	3.88	0.2	< 0.01	7.21	0.09	0.014	< 0.01	0.04	< 0.01	22.6	0.07	< 0.005	< 0.01
A0977754 Orig	11	< 5	< 5																				
A0977754 Dup	3	< 5	< 5																				
A0977756 Orig				8.78	< 0.01	< 0.001	9.25	0.004	0.06	0.011	3.75	0.2	< 0.01	6.89	0.09	0.012	< 0.01	0.03	< 0.01	23.1	0.07	< 0.005	< 0.01
A0977756 Dup				8.79	< 0.01	< 0.001	9.16	0.004	0.06	0.011	3.75	0.2	< 0.01	6.90	0.09	0.012	< 0.01	0.03	< 0.01	23.2	0.07	< 0.005	< 0.01
A0977764 Orig	< 2	< 5	< 5																				
A0977764 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	< 2	< 5	< 5																				
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				< 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.: **A20-05606**
Report Date: **08-Jun-20**
Date Submitted: **29-May-20**
Your Reference: **Crawford (CR20-C-D10)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-08 11:18:46

REPORT **A20-05606**

Notes:

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.: **A20-05606**
Report Date: **08-Jun-20**
Date Submitted: **29-May-20**
Your Reference: **Crawford (CR20-C-D10)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-05 19:10:36

REPORT **A20-05606**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B12033	< 2	< 5	< 5	2.67	< 0.01	< 0.001	11.6	0.006	0.34	0.032	4.87	< 0.1	< 0.01	11.6	0.12	0.029	< 0.01	0.05	< 0.01	24.1	0.13	< 0.005	< 0.01
B12034	2	< 5	< 5	2.79	< 0.01	< 0.001	11.5	0.006	0.33	0.033	4.63	< 0.1	< 0.01	11.8	0.12	0.030	< 0.01	0.06	< 0.01	24.1	0.10	< 0.005	< 0.01
B12035	< 2	< 5	< 5	2.72	< 0.01	< 0.001	10.5	0.007	0.29	0.027	5.14	< 0.1	< 0.01	12.4	0.12	0.032	< 0.01	0.15	< 0.01	23.9	0.10	< 0.005	< 0.01
B12036	2	< 5	< 5	2.57	< 0.01	< 0.001	11.0	0.007	0.30	0.027	4.86	< 0.1	< 0.01	12.1	0.11	0.028	< 0.01	0.07	< 0.01	23.9	0.11	< 0.005	< 0.01
B12037	< 2	< 5	< 5	2.47	< 0.01	< 0.001	10.7	0.007	0.29	0.029	4.94	< 0.1	< 0.01	12.4	0.11	0.028	< 0.01	0.08	< 0.01	23.7	0.11	< 0.005	< 0.01
B12038	< 2	< 5	< 5	2.55	< 0.01	< 0.001	10.7	0.007	0.28	0.022	4.98	< 0.1	< 0.01	12.6	0.11	0.028	< 0.01	0.17	< 0.01	23.7	0.09	< 0.005	< 0.01
B12039	< 2	< 5	< 5	2.53	< 0.01	< 0.001	9.88	0.007	0.27	0.023	5.23	< 0.1	< 0.01	13.0	0.10	0.036	< 0.01	0.41	< 0.01	23.9	0.10	< 0.005	< 0.01
B12040	< 2	< 5	< 5	2.61	< 0.01	< 0.001	10.9	0.006	0.28	0.024	4.62	< 0.1	< 0.01	12.3	0.11	0.029	< 0.01	0.04	< 0.01	23.3	0.12	< 0.005	< 0.01
B12041	< 2	< 5	< 5	2.49	< 0.01	< 0.001	10.8	0.007	0.18	0.036	4.96	< 0.1	< 0.01	12.2	0.11	0.029	< 0.01	0.13	< 0.01	23.6	0.12	< 0.005	< 0.01
B12042	< 2	< 5	< 5	9.15	< 0.01	< 0.001	10.1	0.004	0.05	0.015	3.42	< 0.1	< 0.01	7.21	0.08	0.016	< 0.01	0.03	< 0.01	22.3	0.06	< 0.005	< 0.01
B12043	< 2	< 5	< 5	6.94	< 0.01	< 0.001	3.99	0.002	0.02	< 0.005	3.58	1.9	< 0.01	2.19	0.06	0.011	< 0.01	0.02	< 0.01	29.9	0.27	< 0.005	< 0.01
B12044	< 2	< 5	< 5	9.07	< 0.01	< 0.001	9.96	0.004	0.05	0.014	3.74	0.2	< 0.01	7.12	0.08	0.014	< 0.01	0.03	< 0.01	22.5	0.07	< 0.005	< 0.01
B12045	< 2	< 5	< 5	9.12	< 0.01	< 0.001	9.76	0.004	0.05	0.012	3.68	0.3	< 0.01	6.87	0.09	0.013	< 0.01	0.03	< 0.01	22.7	0.07	< 0.005	< 0.01
B12046	< 2	< 5	< 5	9.00	< 0.01	< 0.001	9.45	0.005	0.05	0.014	3.92	0.3	< 0.01	7.08	0.09	0.014	< 0.01	0.06	< 0.01	22.6	0.07	< 0.005	< 0.01
B12047	< 2	< 5	< 5	8.66	< 0.01	< 0.001	10.4	0.004	0.05	0.011	3.88	0.2	< 0.01	6.96	0.09	0.012	< 0.01	0.04	< 0.01	22.9	0.08	< 0.005	< 0.01
B12048	< 2	< 5	< 5	8.85	< 0.01	< 0.001	10.5	0.004	0.05	0.016	3.78	0.2	< 0.01	6.61	0.09	0.014	< 0.01	0.05	< 0.01	22.6	0.07	< 0.005	< 0.01
B12049	< 2	< 5	< 5	8.86	< 0.01	< 0.001	9.82	0.004	0.04	0.014	3.82	0.1	< 0.01	6.95	0.09	0.013	< 0.01	0.02	< 0.01	22.8	0.08	< 0.005	< 0.01
B12050	< 2	< 5	< 5	8.82	< 0.01	< 0.001	9.76	0.004	0.04	0.015	3.74	0.2	< 0.01	6.94	0.09	0.012	< 0.01	0.02	< 0.01	23.4	0.07	< 0.005	< 0.01
B12051	< 2	< 5	< 5	3.66	< 0.01	< 0.001	11.3	0.005	0.12	0.026	5.20	< 0.1	< 0.01	10.2	0.13	0.017	< 0.01	0.14	< 0.01	24.3	0.10	< 0.005	< 0.01
B12052	< 2	< 5	< 5	5.50	< 0.01	< 0.001	9.89	0.005	0.09	0.014	4.82	< 0.1	< 0.01	9.38	0.12	0.014	< 0.01	0.04	< 0.01	23.8	0.09	< 0.005	< 0.01
B12053	< 2	< 5	< 5	7.46	< 0.01	< 0.001	10.1	0.005	0.06	0.009	4.08	0.1	< 0.01	7.87	0.11	0.011	< 0.01	0.02	< 0.01	23.2	0.07	< 0.005	< 0.01
B12054	10	< 5	< 5	0.34	< 0.01	< 0.001	0.21	0.010	0.10	< 0.005	4.02	< 0.1	< 0.01	26.6	0.06	0.296	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
B12055	< 2	< 5	< 5	9.51	< 0.01	< 0.001	9.65	0.004	0.03	0.008	3.44	0.1	< 0.01	6.65	0.09	0.009	< 0.01	0.02	< 0.01	22.6	0.05	< 0.005	< 0.01
B12056	< 2	< 5	< 5	7.60	< 0.01	< 0.001	9.97	0.004	0.04	0.014	4.00	< 0.1	< 0.01	7.74	0.11	0.011	< 0.01	0.02	< 0.01	23.2	0.06	< 0.005	< 0.01
B12057	< 2	< 5	< 5	5.50	< 0.01	< 0.001	9.63	0.006	0.06	0.017	4.97	< 0.1	< 0.01	9.52	0.13	0.014	< 0.01	0.03	< 0.01	23.9	0.08	< 0.005	< 0.01
B12058	< 2	< 5	< 5	3.79	< 0.01	< 0.001	8.73	0.007	0.07	0.017	5.94	< 0.1	< 0.01	11.1	0.15	0.015	< 0.01	0.10	< 0.01	24.0	0.10	< 0.005	< 0.01
B12059	< 2	< 5	< 5	3.72	< 0.01	< 0.001	7.45	0.007	0.07	0.013	6.35	< 0.1	< 0.01	11.7	0.16	0.014	< 0.01	0.13	< 0.01	23.5	0.10	< 0.005	< 0.01
B12060	< 2	< 5	< 5	4.13	< 0.01	< 0.001	8.11	0.007	0.07	0.015	6.00	< 0.1	< 0.01	11.1	0.15	0.014	< 0.01	0.10	< 0.01	23.9	0.09	< 0.005	< 0.01
B12061	< 2	< 5	< 5	5.92	< 0.01	< 0.001	9.12	0.006	0.06	0.014	4.98	< 0.1	< 0.01	9.34	0.13	0.012	< 0.01	0.03	< 0.01	23.7	0.08	< 0.005	< 0.01
B12062	< 2	< 5	< 5	5.21	< 0.01	< 0.001	9.39	0.006	0.06	0.015	5.50	< 0.1	< 0.01	9.91	0.13	0.013	< 0.01	0.09	< 0.01	23.4	0.09	< 0.005	< 0.01
B12063	< 2	< 5	< 5	5.23	< 0.01	< 0.001	9.36	0.007	0.06	0.015	5.50	< 0.1	< 0.01	10.0	0.13	0.014	< 0.01	0.10	< 0.01	23.9	0.09	< 0.005	< 0.01
B12064	< 2	< 5	< 5	5.22	< 0.01	< 0.001	8.98	0.006	0.06	0.015	5.58	< 0.1	< 0.01	10.2	0.14	0.014	< 0.01	0.06	< 0.01	22.6	0.09	< 0.005	< 0.01
B12065	< 2	< 5	< 5	5.54	< 0.01	< 0.001	9.24	0.006	0.05	0.014	5.15	< 0.1	< 0.01	9.36	0.13	0.013	< 0.01	0.04	< 0.01	23.9	0.09	< 0.005	< 0.01
B12066	< 2	< 5	< 5	6.13	< 0.01	< 0.001	9.20	0.006	0.06	0.015	4.97	< 0.1	< 0.01	9.04	0.12	0.012	< 0.01	0.03	< 0.01	23.4	0.09	< 0.005	< 0.01
B12067	< 2	< 5	< 5	7.16	< 0.01	< 0.001	9.57	0.005	0.05	0.014	4.36	< 0.1	< 0.01	7.68	0.11	0.010	< 0.01	0.03	< 0.01	23.7	0.08	< 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				
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.009					1.06	< 0.005	< 0.01			16.3		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	13.8					3.32		7.35		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					0.03			0.011		0.136	12.1							20.0	0.01				17.6
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											44.5				0.27					4.49	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.76									0.008	
NCS DC86314 Cert													1.81										
CZN-4 Meas				0.07	0.04			0.010		0.422							0.18	34.0		0.27			56.5
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CCU-1e Meas				0.13	0.10			0.032		22.3	31.6			0.74	< 0.01		0.71	35.6	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	4790	1970	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1830	1680	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B12039 Orig				2.56	< 0.01	< 0.001	9.89	0.008	0.26	0.023	5.22	< 0.1	< 0.01	13.1	0.10	0.036	< 0.01	0.40	< 0.01	24.0	0.10	< 0.005	< 0.01
B12039 Dup				2.51	< 0.01	< 0.001	9.88	0.007	0.27	0.023	5.23	< 0.1	< 0.01	13.0	0.10	0.036	< 0.01	0.42	< 0.01	23.8	0.10	< 0.005	< 0.01
B12042 Orig	< 2	< 5	< 5																				
B12042 Dup	< 2	< 5	< 5																				
B12046 Orig				9.00	< 0.01	< 0.001	9.43	0.005	0.05	0.014	3.90	0.3	< 0.01	7.08	0.09	0.014	< 0.01	0.06	< 0.01	22.7	0.07	< 0.005	< 0.01
B12046 Dup				9.01	< 0.01	< 0.001	9.48	0.005	0.05	0.014	3.94	0.3	< 0.01	7.08	0.09	0.014	< 0.01	0.07	< 0.01	22.6	0.07	< 0.005	< 0.01
B12052 Orig	< 2	< 5	< 5																				
B12052 Dup	< 2	< 5	< 5																				
B12061 Orig				5.97	< 0.01	< 0.001	9.15	0.006	0.06	0.014	4.99	< 0.1	< 0.01	9.36	0.13	0.013	< 0.01	0.03	< 0.01	23.7	0.08	< 0.005	< 0.01
B12061 Dup				5.88	< 0.01	< 0.001	9.10	0.006	0.06	0.014	4.97	< 0.1	< 0.01	9.32	0.13	0.012	< 0.01	0.03	< 0.01	23.6	0.08	< 0.005	< 0.01
B12062 Orig	< 2	< 5	< 5																				
B12062 Dup	< 2	< 5	< 5																				
B12067 Orig				7.12	< 0.01	< 0.001	9.58	0.005	0.05	0.014	4.37	< 0.1	< 0.01	7.70	0.11	0.010	< 0.01	0.04	< 0.01	23.5	0.08	< 0.005	< 0.01
B12067 Dup				7.20	< 0.01	< 0.001	9.56	0.005	0.05	0.015	4.35	< 0.1	< 0.01	7.66	0.11	0.010	< 0.01	0.03	< 0.01	23.9	0.08	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05656**
Report Date: **11-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-09 09:49:38

REPORT **A20-05656**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A20-05656**
Report Date: **11-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-09 19:47:05

REPORT **A20-05656**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
B12068	2	< 5	< 5	7.72	< 0.01	< 0.001	9.34	0.005	0.04	0.018	4.67	0.1	< 0.01	7.36	0.11	0.012	< 0.01	0.06	< 0.01	22.7	0.08	< 0.005	< 0.01
B12069	< 2	< 5	< 5	7.44	< 0.01	< 0.001	9.60	0.005	0.04	0.013	4.53	0.2	< 0.01	7.35	0.12	0.010	< 0.01	0.02	< 0.01	22.9	0.08	< 0.005	< 0.01
B12070	< 2	< 5	< 5	7.06	< 0.01	< 0.001	8.91	0.005	0.03	0.012	4.96	0.2	< 0.01	8.10	0.12	0.010	< 0.01	0.02	< 0.01	22.6	0.08	< 0.005	< 0.01
B12071	< 2	< 5	< 5	7.58	< 0.01	< 0.001	9.62	0.005	0.02	0.011	4.41	0.2	< 0.01	7.35	0.11	0.009	< 0.01	0.02	< 0.01	22.7	0.08	< 0.005	< 0.01
B12072	< 2	< 5	< 5	7.99	< 0.01	< 0.001	9.76	0.005	0.02	0.012	4.23	0.2	< 0.01	7.24	0.11	0.009	< 0.01	< 0.01	< 0.01	22.3	0.07	< 0.005	< 0.01
B12073	< 2	< 5	< 5	8.01	< 0.01	< 0.001	9.78	0.005	0.02	0.012	4.22	0.2	< 0.01	7.10	0.11	0.012	< 0.01	< 0.01	< 0.01	22.4	0.07	< 0.005	< 0.01
B12074	< 2	< 5	< 5	8.33	< 0.01	< 0.001	10.2	0.005	0.02	0.011	4.09	< 0.1	< 0.01	6.91	0.11	0.009	< 0.01	< 0.01	< 0.01	22.3	0.07	< 0.005	< 0.01
B12075	< 2	< 5	< 5	9.51	< 0.01	< 0.001	12.3	0.004	0.01	0.010	3.40	< 0.1	< 0.01	6.07	0.11	0.008	< 0.01	< 0.01	< 0.01	21.1	0.05	< 0.005	< 0.01
B12076	< 2	5	< 5	5.20	< 0.01	< 0.001	5.98	0.010	0.21	< 0.005	7.47	< 0.1	< 0.01	13.1	0.15	0.071	< 0.01	0.03	< 0.01	18.9	0.06	< 0.005	< 0.01
B12077	< 2	7	< 5	3.42	< 0.01	< 0.001	3.83	0.012	0.41	0.016	8.78	< 0.1	< 0.01	14.9	0.14	0.131	< 0.01	0.30	< 0.01	19.5	0.05	< 0.005	< 0.01
B12078	< 2	11	6	2.59	< 0.01	< 0.001	1.97	0.014	0.43	0.009	9.83	< 0.1	< 0.01	16.7	0.16	0.128	< 0.01	0.15	< 0.01	18.3	0.05	< 0.005	< 0.01
B12079	< 2	12	< 5	2.57	< 0.01	< 0.001	1.94	0.013	0.45	0.012	10.2	< 0.1	< 0.01	16.6	0.17	0.133	< 0.01	0.10	< 0.01	18.1	0.05	< 0.005	0.01
B12080	< 2	13	< 5	2.58	< 0.01	< 0.001	2.50	0.013	0.43	0.009	9.68	< 0.1	< 0.01	16.7	0.16	0.132	< 0.01	0.07	< 0.01	18.5	0.04	< 0.005	0.01
B12081	< 2	17	6	2.30	< 0.01	< 0.001	2.54	0.013	0.41	0.009	9.95	< 0.1	< 0.01	16.8	0.17	0.129	< 0.01	0.06	< 0.01	18.5	0.04	< 0.005	< 0.01
B12082	< 2	14	< 5	1.87	< 0.01	< 0.001	2.27	0.013	0.41	0.009	9.99	< 0.1	< 0.01	17.2	0.18	0.131	< 0.01	0.06	< 0.01	18.3	0.04	< 0.005	0.01
B12083	< 2	13	6	1.87	< 0.01	< 0.001	1.61	0.014	0.42	0.013	10.6	< 0.1	< 0.01	17.9	0.17	0.133	< 0.01	0.06	< 0.01	17.5	0.04	< 0.005	< 0.01
B12084	< 2	15	7	1.62	< 0.01	< 0.001	2.02	0.014	0.44	0.006	10.2	< 0.1	< 0.01	18.1	0.17	0.140	< 0.01	0.08	< 0.01	18.0	0.05	< 0.005	0.01
B12085	< 2	< 5	< 5	6.99	< 0.01	< 0.001	4.03	< 0.002	0.02	< 0.005	3.14	1.6	< 0.01	2.23	0.06	0.011	< 0.01	0.01	< 0.01	28.3	0.24	< 0.005	< 0.01
B12086	4	20	6	1.74	< 0.01	< 0.001	2.16	0.015	0.39	0.012	10.0	< 0.1	< 0.01	17.9	0.17	0.142	< 0.01	0.07	< 0.01	18.2	0.05	< 0.005	< 0.01
B12087	< 2	15	< 5	1.67	< 0.01	< 0.001	2.27	0.015	0.39	< 0.005	10.1	< 0.1	< 0.01	17.9	0.17	0.136	< 0.01	0.05	< 0.01	18.2	0.06	< 0.005	< 0.01
B12088	2	14	< 5	1.62	< 0.01	< 0.001	1.86	0.015	0.38	0.009	10.5	< 0.1	< 0.01	18.5	0.18	0.143	< 0.01	0.05	< 0.01	18.1	0.05	< 0.005	< 0.01
B12089	2	14	< 5	1.67	< 0.01	< 0.001	0.74	0.017	0.44	0.010	11.0	< 0.1	< 0.01	19.7	0.18	0.150	< 0.01	0.07	< 0.01	18.0	0.05	< 0.005	< 0.01
B12090	< 2	14	< 5	1.62	< 0.01	< 0.001	1.42	0.015	0.36	< 0.005	10.3	< 0.1	< 0.01	18.8	0.16	0.140	< 0.01	0.05	< 0.01	17.7	0.06	< 0.005	< 0.01
B12091	< 2	12	< 5	1.61	< 0.01	< 0.001	1.82	0.014	0.36	< 0.005	10.3	< 0.1	< 0.01	18.1	0.16	0.134	< 0.01	0.05	< 0.01	17.4	0.06	< 0.005	< 0.01
B12092	< 2	10	< 5	1.67	< 0.01	< 0.001	1.94	0.015	0.32	0.006	10.2	< 0.1	< 0.01	18.2	0.16	0.131	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
B12093	< 2	8	< 5	1.79	< 0.01	< 0.001	1.72	0.015	0.35	< 0.005	10.2	< 0.1	< 0.01	18.6	0.16	0.134	< 0.01	0.07	< 0.01	17.8	0.06	< 0.005	< 0.01
B12094	< 2	10	< 5	2.03	< 0.01	< 0.001	2.55	0.017	0.40	0.007	11.6	< 0.1	< 0.01	20.7	0.18	0.151	< 0.01	0.05	< 0.01	20.1	0.07	< 0.005	< 0.01
B12095	< 2	10	< 5	1.77	< 0.01	< 0.001	1.74	0.014	0.30	0.008	11.1	< 0.1	< 0.01	18.0	0.17	0.130	< 0.01	0.05	< 0.01	17.1	0.06	< 0.005	< 0.01
B12096	2	9	< 5	1.87	< 0.01	< 0.001	2.02	0.013	0.36	0.029	10.4	< 0.1	< 0.01	17.9	0.17	0.116	< 0.01	0.05	< 0.01	17.4	0.07	< 0.005	< 0.01
B12097	< 2	6	< 5	1.75	< 0.01	< 0.001	1.42	0.012	0.34	0.017	10.4	< 0.1	< 0.01	18.4	0.16	0.108	< 0.01	0.03	< 0.01	17.2	0.05	< 0.005	< 0.01
B12098	10	< 5	< 5	1.64	< 0.01	< 0.001	1.33	0.014	0.38	0.010	10.5	< 0.1	< 0.01	18.6	0.16	0.127	< 0.01	0.05	< 0.01	17.3	0.05	< 0.005	< 0.01
B12099	< 2	9	< 5	1.63	< 0.01	< 0.001	1.61	0.013	0.50	< 0.005	10.4	< 0.1	< 0.01	18.7	0.16	0.138	< 0.01	0.05	< 0.01	17.6	0.04	< 0.005	0.01
B12100	< 2	5	< 5	1.51	< 0.01	< 0.001	1.67	0.014	0.48	0.008	10.4	< 0.1	< 0.01	18.6	0.17	0.137	< 0.01	0.04	< 0.01	17.8	0.05	< 0.005	0.01
B12101	4	6	< 5	1.51	< 0.01	< 0.001	1.58	0.014	0.48	0.008	10.4	< 0.1	< 0.01	18.6	0.17	0.138	< 0.01	0.04	< 0.01	17.2	0.05	< 0.005	< 0.01
B12102	< 2	6	< 5	1.71	< 0.01	< 0.001	2.29	0.013	0.39	0.006	10.1	< 0.1	< 0.01	18.4	0.17	0.133	< 0.01	0.03	< 0.01	17.8	0.04	< 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				0.24			0.11	0.014	1.65	< 0.005				31.9	0.09	0.393	< 0.01		< 0.01	19.6			< 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
MP-1b Meas					2.33		2.43			3.12	8.01			0.04			2.09	13.8		17.0		0.113	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.3				0.28					4.48	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86313 Meas						1.089																	
NCS DC86313 Cert						1																	
CDN-PGMS-27 Meas	4660	1910	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4730	2010	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4690	1930	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1700	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1910	1690	227																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1940	1670	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B12073 Orig				8.02	< 0.01	< 0.001	9.79	0.005	0.02	0.012	4.23	0.2	< 0.01	7.21	0.11	0.009	< 0.01	< 0.01	< 0.01	22.5	0.08	< 0.005	< 0.01
B12073 Dup				8.01	< 0.01	< 0.001	9.77	0.005	0.02	0.011	4.22	0.2	< 0.01	6.98	0.11	0.015	< 0.01	< 0.01	< 0.01	22.4	0.07	< 0.005	< 0.01
B12077 Orig	< 2	6	< 5																				
B12077 Dup	< 2	9	< 5																				
B12081 Orig				2.30	< 0.01	< 0.001	2.56	0.013	0.41	0.009	9.97	< 0.1	< 0.01	16.8	0.17	0.128	< 0.01	0.05	< 0.01	18.7	0.04	< 0.005	0.01
B12081 Dup				2.29	< 0.01	< 0.001	2.53	0.013	0.41	0.009	9.94	< 0.1	< 0.01	16.8	0.17	0.129	< 0.01	0.06	< 0.01	18.3	0.04	< 0.005	< 0.01
B12087 Orig	< 2	15	< 5																				
B12087 Dup	< 2	16	< 5																				
B12096 Orig				1.87	< 0.01	< 0.001	2.05	0.013	0.35	0.028	10.5	< 0.1	< 0.01	18.0	0.17	0.116	< 0.01	0.05	< 0.01	17.4	0.07	< 0.005	< 0.01
B12096 Dup				1.88	< 0.01	< 0.001	1.99	0.013	0.36	0.030	10.4	< 0.1	< 0.01	17.9	0.16	0.116	< 0.01	0.05	< 0.01	17.4	0.07	< 0.005	< 0.01
B12097 Orig	< 2	6	< 5																				
B12097 Dup	< 2	6	< 5																				
B12102 Orig				1.72	< 0.01	< 0.001	2.33	0.014	0.39	0.006	10.2	< 0.1	< 0.01	18.6	0.17	0.135	< 0.01	0.02	< 0.01	18.0	0.04	< 0.005	< 0.01
B12102 Dup				1.69	< 0.01	< 0.001	2.26	0.013	0.38	0.006	10.0	< 0.1	< 0.01	18.2	0.17	0.132	< 0.01	0.03	< 0.01	17.6	0.04	< 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	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05661**
Report Date: **16-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-10 16:46:41

REPORT **A20-05661**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05661**
Report Date: **16-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **Crawford**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-15 13:32:26

REPORT **A20-05661**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977770	< 2	< 5	< 5	6.21	< 0.01	< 0.001	10.1	0.006	0.05	0.015	4.82	0.1	< 0.01	8.77	0.12	0.015	< 0.01	0.05	< 0.01	23.8	0.09	< 0.005	< 0.01
A0977771	< 2	< 5	< 5	4.15	< 0.01	< 0.001	10.6	0.007	0.07	0.022	5.74	< 0.1	< 0.01	10.3	0.14	0.017	< 0.01	0.12	< 0.01	24.8	0.11	< 0.005	< 0.01
A0977772	< 2	< 5	< 5	6.82	< 0.01	< 0.001	4.08	0.002	0.01	< 0.005	2.98	1.8	< 0.01	1.36	0.05	0.006	< 0.01	0.02	< 0.01	28.7	0.28	< 0.005	< 0.01
A0977773	< 2	< 5	< 5	5.30	< 0.01	< 0.001	10.2	0.007	0.06	0.017	5.44	< 0.1	< 0.01	9.75	0.13	0.016	< 0.01	0.04	< 0.01	24.0	0.09	< 0.005	< 0.01
A0977774	< 2	< 5	< 5	4.05	< 0.01	< 0.001	10.9	0.007	0.09	0.029	5.83	< 0.1	< 0.01	9.99	0.14	0.017	< 0.01	0.10	< 0.01	24.8	0.10	< 0.005	< 0.01
A0977775	3	< 5	< 5	4.02	< 0.01	< 0.001	10.3	0.007	0.10	0.023	5.59	< 0.1	< 0.01	10.2	0.14	0.016	< 0.01	0.06	< 0.01	24.6	0.10	< 0.005	< 0.01
A0977776	< 2	< 5	< 5	4.28	< 0.01	< 0.001	9.43	0.007	0.07	0.017	5.91	0.1	< 0.01	10.6	0.15	0.015	< 0.01	0.07	< 0.01	24.7	0.10	< 0.005	< 0.01
A0977777	< 2	< 5	< 5	5.23	< 0.01	< 0.001	9.76	0.007	0.05	0.016	5.54	< 0.1	< 0.01	9.60	0.14	0.014	< 0.01	0.03	< 0.01	24.5	0.09	< 0.005	< 0.01
A0977778	< 2	< 5	< 5	6.00	< 0.01	< 0.001	9.94	0.006	0.04	0.015	5.21	0.1	< 0.01	8.94	0.13	0.013	< 0.01	0.02	< 0.01	23.9	0.08	< 0.005	< 0.01
A0977779	< 2	< 5	< 5	6.87	< 0.01	< 0.001	9.60	0.006	0.03	0.013	5.00	0.2	< 0.01	8.46	0.12	0.012	< 0.01	0.01	< 0.01	23.7	0.08	< 0.005	< 0.01
A0977780	< 2	< 5	< 5	8.52	< 0.01	< 0.001	10.4	0.005	0.02	0.011	4.15	0.2	< 0.01	7.06	0.10	0.011	< 0.01	0.01	< 0.01	23.3	0.10	< 0.005	< 0.01
A0977781	< 2	< 5	< 5	7.25	< 0.01	< 0.001	11.0	0.006	0.03	0.016	4.71	< 0.1	< 0.01	8.09	0.11	0.015	< 0.01	0.02	< 0.01	23.2	0.08	< 0.005	< 0.01
A0977782	< 2	13	8	2.86	< 0.01	< 0.001	6.43	0.012	0.19	0.023	8.19	< 0.1	< 0.01	14.4	0.17	0.064	< 0.01	0.11	< 0.01	21.5	0.07	< 0.005	< 0.01
A0977783	< 2	17	6	1.65	< 0.01	< 0.001	1.03	0.018	0.42	0.009	11.4	< 0.1	< 0.01	18.7	0.18	0.149	< 0.01	0.13	< 0.01	18.7	0.09	< 0.005	< 0.01
A0977784	12	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.010	0.10	< 0.005	4.12	< 0.1	< 0.01	26.0	0.06	0.286	< 0.01	0.06	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977785	2	19	6	1.78	< 0.01	< 0.001	1.22	0.017	0.39	< 0.005	10.5	< 0.1	< 0.01	19.0	0.17	0.148	< 0.01	0.10	< 0.01	18.7	0.07	< 0.005	< 0.01
A0977786	< 2	17	5	1.58	< 0.01	< 0.001	1.43	0.017	0.41	< 0.005	10.8	< 0.1	< 0.01	19.0	0.18	0.148	< 0.01	0.09	< 0.01	18.8	0.07	< 0.005	< 0.01
A0977787	< 2	12	< 5	1.62	< 0.01	< 0.001	2.88	0.016	0.25	0.005	10.6	< 0.1	< 0.01	17.9	0.18	0.127	< 0.01	0.07	< 0.01	19.5	0.07	< 0.005	0.02
A0977788	2	11	10	1.55	< 0.01	< 0.001	3.29	0.015	0.22	0.005	10.6	< 0.1	< 0.01	17.7	0.18	0.123	< 0.01	0.06	< 0.01	19.7	0.07	< 0.005	< 0.01
A0977789	< 2	12	< 5	1.65	< 0.01	< 0.001	1.80	0.015	0.35	0.007	11.5	< 0.1	< 0.01	18.8	0.18	0.135	< 0.01	0.07	< 0.01	18.7	0.07	< 0.005	< 0.01
A0977790	< 2	14	< 5	1.62	< 0.01	< 0.001	1.22	0.015	0.36	0.007	12.1	< 0.1	< 0.01	18.7	0.18	0.140	< 0.01	0.08	< 0.01	18.2	0.06	< 0.005	0.01
A0977791	3	14	< 5	1.55	< 0.01	< 0.001	1.00	0.015	0.36	0.013	12.1	< 0.1	< 0.01	19.0	0.19	0.125	< 0.01	0.08	< 0.01	18.3	0.06	< 0.005	0.01
A0977792	< 2	12	5	1.65	< 0.01	< 0.001	2.43	0.015	0.38	0.008	11.5	< 0.1	< 0.01	17.9	0.19	0.119	< 0.01	0.07	< 0.01	18.9	0.07	< 0.005	0.01
A0977793	< 2	12	9	1.65	< 0.01	< 0.001	2.80	0.014	0.37	0.006	11.4	< 0.1	< 0.01	17.7	0.18	0.131	< 0.01	0.07	< 0.01	19.2	0.07	< 0.005	0.01
A0977794	< 2	11	< 5	1.82	< 0.01	< 0.001	1.65	0.014	0.39	< 0.005	11.6	< 0.1	< 0.01	18.3	0.18	0.143	< 0.01	0.08	< 0.01	18.7	0.05	< 0.005	0.01
A0977795	< 2	11	< 5	1.89	< 0.01	< 0.001	4.36	0.013	0.36	< 0.005	10.0	< 0.1	< 0.01	16.8	0.16	0.124	< 0.01	0.08	< 0.01	19.9	0.05	< 0.005	< 0.01
A0977796	< 2	19	< 5	1.86	< 0.01	< 0.001	1.34	0.014	0.40	< 0.005	10.9	< 0.1	< 0.01	18.8	0.16	0.127	< 0.01	0.08	< 0.01	18.9	0.08	< 0.005	0.01
A0977797	< 2	10	< 5	1.85	< 0.01	< 0.001	2.51	0.014	0.29	< 0.005	10.3	< 0.1	< 0.01	18.0	0.16	0.111	< 0.01	0.08	< 0.01	18.9	0.08	< 0.005	0.01
A0977798	< 2	9	< 5	1.88	< 0.01	< 0.001	2.45	0.014	0.30	< 0.005	10.4	< 0.1	< 0.01	18.0	0.16	0.114	< 0.01	0.07	< 0.01	19.2	0.08	< 0.005	0.01
A0977799	3	7	< 5	2.08	< 0.01	< 0.001	1.63	0.016	0.27	0.008	10.8	< 0.1	< 0.01	18.8	0.16	0.105	< 0.01	0.05	< 0.01	18.5	0.07	< 0.005	0.01
A0977800	2	10	< 5	2.02	< 0.01	< 0.001	1.62	0.016	0.29	< 0.005	10.7	< 0.1	< 0.01	18.9	0.17	0.113	< 0.01	0.05	< 0.01	18.7	0.08	< 0.005	0.01
A0977801	< 2	9	< 5	1.84	< 0.01	< 0.001	1.77	0.014	0.22	< 0.005	10.5	< 0.1	< 0.01	18.8	0.17	0.103	< 0.01	0.04	< 0.01	18.8	0.09	< 0.005	0.01
A0977802	< 2	5	< 5	1.92	< 0.01	< 0.001	1.76	0.014	0.18	< 0.005	10.5	< 0.1	< 0.01	18.8	0.16	0.103	< 0.01	0.04	< 0.01	18.8	0.08	< 0.005	< 0.01
A0977803	< 2	14	< 5	1.91	< 0.01	< 0.001	1.72	0.015	0.27	< 0.005	11.3	< 0.1	< 0.01	18.5	0.16	0.106	< 0.01	0.04	< 0.01	18.3	0.10	< 0.005	< 0.01
A0977804	< 2	13	< 5	1.80	< 0.01	< 0.001	2.03	0.015	0.26	< 0.005	10.5	< 0.1	< 0.01	18.8	0.17	0.107	< 0.01	0.03	< 0.01	19.0	0.10	< 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														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.67														3.48				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.07	0.014	1.51	< 0.005				31.3	0.08	0.373	< 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
DTS-2b Meas				0.24			0.11	0.014	1.65	< 0.005				31.9	0.09	0.393	< 0.01		< 0.01	19.6			< 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	0.006	< 0.01			16.6		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 74a (Fusion) Meas					< 0.01			0.059	0.17	0.128	14.6					3.25		7.39		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.119	14.3					3.24		7.17		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.161	0.08	0.400	32.1					10.7		24.9		5.77			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.137	12.5							20.4	0.01				18.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.012		0.143	12.7							20.8	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.012		0.131	12.5							19.9	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.58			3.24	8.50			0.03			2.06	13.4		17.4		0.107	17.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.33		2.43			3.12	8.01			0.04			2.09	13.8		17.0		0.113	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.3				0.28					4.61	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.4				0.27					4.50	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.3				0.27					4.36	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.3				0.28					4.48	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303													0.21									< 0.005	

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																							
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.70									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.061																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.089																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.04			0.010		0.422							0.18	34.2		0.29			56.0
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.010		0.417							0.18	33.6		0.26			57.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.15	
W 106 Cert																						2.16	
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.10	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.11			0.032		22.9	32.6			0.74	< 0.01		0.71	36.1	0.01				2.99
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	4460	1930	1220																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1760	1640	206																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977776 Orig				4.29	< 0.01	< 0.001	9.42	0.007	0.07	0.017	5.90	0.1	< 0.01	10.6	0.15	0.015	< 0.01	0.06	< 0.01	24.6	0.10	< 0.005	< 0.01
A0977776 Dup				4.28	< 0.01	< 0.001	9.45	0.007	0.07	0.017	5.92	0.1	< 0.01	10.6	0.15	0.015	< 0.01	0.07	< 0.01	24.8	0.10	< 0.005	< 0.01
A0977779 Orig	< 2	< 5	< 5																				
A0977779 Dup	< 2	< 5	< 5																				
A0977783 Orig				1.65	< 0.01	< 0.001	1.03	0.018	0.42	0.008	11.4	< 0.1	< 0.01	18.7	0.18	0.148	< 0.01	0.12	< 0.01	18.7	0.09	< 0.005	< 0.01
A0977783 Dup				1.65	< 0.01	< 0.001	1.04	0.018	0.42	0.009	11.4	< 0.1	< 0.01	18.8	0.18	0.150	< 0.01	0.14	< 0.01	18.8	0.09	< 0.005	< 0.01
A0977789 Orig	< 2	11	< 5																				
A0977789 Dup	3	13	< 5																				
A0977798 Orig				1.87	< 0.01	< 0.001	2.51	0.015	0.29	< 0.005	10.5	< 0.1	< 0.01	18.2	0.16	0.114	< 0.01	0.08	< 0.01	19.3	0.08	< 0.005	0.01
A0977798 Dup				1.88	< 0.01	< 0.001	2.39	0.014	0.31	< 0.005	10.4	< 0.1	< 0.01	17.9	0.17	0.115	< 0.01	0.06	< 0.01	19.1	0.08	< 0.005	0.01
A0977799 Orig	2	7	< 5																				
A0977799 Dup	4	7	< 5																				
A0977804 Orig				1.79	< 0.01	< 0.001	1.95	0.015	0.26	< 0.005	10.5	< 0.1	< 0.01	18.8	0.17	0.108	< 0.01	0.03	< 0.01	18.8	0.10	< 0.005	< 0.01
A0977804 Dup				1.80	< 0.01	< 0.001	2.10	0.015	0.27	< 0.005	10.5	< 0.1	< 0.01	18.7	0.17	0.106	< 0.01	0.03	< 0.01	19.1	0.10	< 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

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				< 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	0.02	< 0.002	< 0.01	< 0.005	< 0.05	< 0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	0.01	< 0.01	0.02	< 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	0.02	< 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	0.02	< 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05662**
Report Date: **15-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **Crawford (CR20-C-B79)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

27 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-09 09:49:38

REPORT **A20-05662**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05662**
Report Date: **15-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **Crawford (CR20-C-B79)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

27 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)	2020-06-10 16:46:41

REPORT **A20-05662**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977805	< 2	7	< 5	1.84	< 0.01	< 0.001	2.00	0.015	0.24	< 0.005	10.8	< 0.1	< 0.01	18.9	0.16	0.108	< 0.01	0.03	< 0.01	19.0	0.09	< 0.005	0.01
A0977806	< 2	< 5	< 5	1.94	< 0.01	< 0.001	1.91	0.015	0.26	< 0.005	10.8	< 0.1	< 0.01	18.6	0.16	0.103	< 0.01	0.03	< 0.01	18.5	0.09	< 0.005	0.01
A0977807	11	< 5	< 5	0.35	< 0.01	< 0.001	0.21	0.010	0.09	< 0.005	4.06	< 0.1	< 0.01	26.0	0.06	0.282	< 0.01	0.06	< 0.01	17.1	0.02	< 0.005	< 0.01
A0977808	< 2	< 5	< 5	2.11	< 0.01	< 0.001	2.04	0.015	0.24	< 0.005	10.7	< 0.1	< 0.01	18.7	0.16	0.108	< 0.01	0.03	< 0.01	19.1	0.08	< 0.005	0.01
A0977809	< 2	< 5	< 5	2.16	< 0.01	< 0.001	1.95	0.015	0.16	< 0.005	10.4	< 0.1	< 0.01	18.6	0.16	0.104	< 0.01	0.03	< 0.01	18.9	0.07	< 0.005	< 0.01
A0977810	< 2	< 5	< 5	1.99	< 0.01	< 0.001	1.68	0.015	0.19	< 0.005	10.5	< 0.1	< 0.01	18.6	0.16	0.102	< 0.01	0.03	< 0.01	18.8	0.09	< 0.005	< 0.01
A0977811	< 2	6	< 5	2.03	< 0.01	< 0.001	1.37	0.015	0.25	< 0.005	10.6	< 0.1	< 0.01	18.7	0.16	0.100	< 0.01	0.05	< 0.01	18.9	0.09	< 0.005	0.01
A0977812	< 2	6	< 5	1.92	< 0.01	< 0.001	1.66	0.014	0.24	< 0.005	10.4	< 0.1	< 0.01	18.6	0.16	0.099	< 0.01	0.05	< 0.01	19.3	0.11	< 0.005	0.01
A0977813	< 2	6	< 5	2.18	< 0.01	< 0.001	1.67	0.014	0.23	< 0.005	9.76	< 0.1	< 0.01	18.2	0.15	0.101	< 0.01	0.07	< 0.01	19.8	0.10	< 0.005	< 0.01
A0977814	< 2	10	< 5	2.36	< 0.01	< 0.001	1.42	0.014	0.24	< 0.005	9.58	< 0.1	< 0.01	18.2	0.15	0.092	< 0.01	0.05	< 0.01	19.5	0.08	< 0.005	< 0.01
A0977815	< 2	< 5	5	2.47	< 0.01	< 0.001	2.41	0.012	0.25	< 0.005	8.61	< 0.1	< 0.01	17.3	0.15	0.080	< 0.01	0.09	< 0.01	20.6	0.09	< 0.005	< 0.01
A0977816	< 2	17	12	2.90	< 0.01	< 0.001	4.17	0.010	0.31	< 0.005	7.83	< 0.1	< 0.01	15.3	0.13	0.057	< 0.01	0.20	< 0.01	21.7	0.10	< 0.005	< 0.01
A0977817	< 2	23	36	3.12	< 0.01	< 0.001	5.10	0.008	0.28	< 0.005	7.05	< 0.1	< 0.01	14.2	0.12	0.042	< 0.01	0.03	< 0.01	23.0	0.15	< 0.005	< 0.01
A0977818	< 2	25	36	3.17	< 0.01	< 0.001	5.09	0.009	0.28	< 0.005	7.03	< 0.1	< 0.01	14.2	0.12	0.041	< 0.01	0.03	< 0.01	23.1	0.15	< 0.005	< 0.01
A0977819	< 2	29	36	2.87	< 0.01	< 0.001	4.71	0.008	0.27	< 0.005	7.08	< 0.1	< 0.01	14.2	0.12	0.038	< 0.01	< 0.01	< 0.01	24.2	0.13	< 0.005	< 0.01
A0977820	< 2	38	49	2.83	< 0.01	< 0.001	6.00	0.008	0.29	0.007	6.77	< 0.1	< 0.01	13.4	0.12	0.037	< 0.01	0.01	< 0.01	24.5	0.15	< 0.005	< 0.01
A0977821	13	164	277	3.05	< 0.01	< 0.001	10.3	0.006	0.39	0.013	5.60	< 0.1	< 0.01	10.8	0.13	0.032	< 0.01	0.01	< 0.01	24.9	0.19	< 0.005	< 0.01
A0977822	20	177	306	2.79	< 0.01	< 0.001	11.1	0.007	0.39	0.021	5.51	< 0.1	< 0.01	10.4	0.13	0.045	< 0.01	0.02	< 0.01	25.1	0.18	< 0.005	< 0.01
A0977823	17	119	193	2.82	< 0.01	< 0.001	10.8	0.006	0.36	0.023	5.54	< 0.1	< 0.01	10.5	0.13	0.040	< 0.01	0.02	< 0.01	25.1	0.18	< 0.005	< 0.01
A0977824	12	46	71	4.19	< 0.01	< 0.001	9.10	0.007	0.26	0.020	5.74	< 0.1	< 0.01	10.8	0.12	0.037	< 0.01	< 0.01	< 0.01	24.1	0.15	< 0.005	< 0.01
A0977825	5	13	21	6.76	< 0.01	< 0.001	6.92	0.006	0.17	0.007	5.00	0.3	< 0.01	9.76	0.10	0.026	< 0.01	< 0.01	< 0.01	24.0	0.10	< 0.005	< 0.01
A0977826	6	< 5	< 5	7.29	< 0.01	< 0.001	7.85	0.005	0.18	0.010	4.45	0.4	< 0.01	8.65	0.10	0.024	< 0.01	< 0.01	< 0.01	24.2	0.10	< 0.005	< 0.01
A0977827	< 2	< 5	< 5	7.16	< 0.01	< 0.001	4.15	0.002	< 0.01	< 0.005	2.94	1.8	< 0.01	1.35	0.05	< 0.005	< 0.01	0.01	< 0.01	28.4	0.24	< 0.005	< 0.01
A0977828	6	< 5	< 5	7.23	< 0.01	< 0.001	8.22	0.005	0.16	0.011	4.48	0.8	< 0.01	8.57	0.10	0.024	< 0.01	< 0.01	< 0.01	24.0	0.09	< 0.005	< 0.01
A0977829	4	< 5	< 5	6.92	< 0.01	< 0.001	8.48	0.005	0.15	0.011	4.50	0.7	< 0.01	8.61	0.10	0.024	< 0.01	< 0.01	< 0.01	24.2	0.09	< 0.005	< 0.01
A0977830	6	< 5	< 5	5.88	< 0.01	< 0.001	7.11	0.008	0.12	0.010	5.79	0.4	< 0.01	11.3	0.13	0.040	< 0.01	< 0.01	< 0.01	22.3	0.08	< 0.005	< 0.01
A0977831	< 2	6	< 5	4.42	< 0.01	< 0.001	5.27	0.009	0.09	0.006	7.00	< 0.1	< 0.01	14.3	0.13	0.050	< 0.01	0.09	< 0.01	21.8	0.10	< 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														3.48				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.07	0.014	1.51	< 0.005				31.3	0.08	0.373	< 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
DTS-2b Meas				0.24			0.11	0.014	1.65	< 0.005				31.9	0.09	0.393	< 0.01		< 0.01	19.6			< 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			0.059	0.17	0.128	14.6					3.25		7.39		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.119	14.3					3.24		7.17		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					0.03			0.012		0.143	12.7							20.8	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.012		0.131	12.5							19.9	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.58			3.24	8.50			0.03			2.06	13.4		17.4		0.107	17.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.33		2.43			3.12	8.01			0.04			2.09	13.8		17.0		0.113	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.3				0.28					4.61	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.4				0.27					4.50	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.3				0.27					4.36	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.3				0.28					4.48	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.70									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.061																	
NCS DC86313						1																	

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
Cert																							
NCS DC86313 Meas						1.089																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.417							0.18	33.6		0.26			57.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.10	
W 106 Cert																						2.16	
CDN-PGMS-27 Meas	4660	1910	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4730	2010	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4690	1930	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1700	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1910	1690	227																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1940	1670	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977814 Orig	< 2	10	< 5																				
A0977814 Dup	< 2	10	< 5																				
A0977821 Orig				3.04	< 0.01	< 0.001	10.4	0.006	0.39	0.013	5.63	< 0.1	< 0.01	10.8	0.13	0.032	< 0.01	0.01	< 0.01	25.1	0.19	< 0.005	< 0.01
A0977821 Dup				3.06	< 0.01	< 0.001	10.2	0.006	0.39	0.013	5.56	< 0.1	< 0.01	10.7	0.13	0.032	< 0.01	0.01	< 0.01	24.8	0.19	< 0.005	< 0.01
A0977824 Orig	11	45	68																				
A0977824 Dup	13	48	74																				
A0977828 Orig				7.09	< 0.01	< 0.001	8.24	0.005	0.16	0.011	4.52	0.8	< 0.01	8.63	0.10	0.025	< 0.01	< 0.01	< 0.01	23.8	0.09	< 0.005	< 0.01
A0977828 Dup				7.37	< 0.01	< 0.001	8.19	0.005	0.16	0.011	4.44	0.8	< 0.01	8.50	0.10	0.024	< 0.01	< 0.01	< 0.01	24.1	0.09	< 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	< 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.: **A20-05722**
Report Date: **15-Jun-20**
Date Submitted: **02-Jun-20**
Your Reference: **Crawford (CR20-C-D12)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-10 09:47:10

REPORT **A20-05722**

Notes:

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.: **A20-05722**
Report Date: **15-Jun-20**
Date Submitted: **02-Jun-20**
Your Reference: **Crawford (CR20-C-D12)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-10 16:46:41

REPORT **A20-05722**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
B12103	< 2	6	< 5	1.78	< 0.01	< 0.001	2.39	0.014	0.32	0.008	10.3	< 0.1	< 0.01	18.9	0.16	0.127	< 0.01	0.05	< 0.01	18.5	0.04	< 0.005	< 0.01
B12104	< 2	8	< 5	1.93	< 0.01	< 0.001	2.17	0.014	0.34	< 0.005	10.0	< 0.1	< 0.01	18.9	0.16	0.130	< 0.01	0.04	< 0.01	19.1	0.04	< 0.005	< 0.01
B12105	< 2	8	< 5	1.73	< 0.01	< 0.001	1.86	0.014	0.35	< 0.005	10.5	< 0.1	< 0.01	19.4	0.16	0.130	< 0.01	0.03	< 0.01	18.6	0.05	< 0.005	< 0.01
B12106	< 2	12	< 5	1.58	< 0.01	< 0.001	1.73	0.014	0.38	< 0.005	10.4	< 0.1	< 0.01	19.2	0.16	0.125	< 0.01	0.04	< 0.01	18.5	0.05	< 0.005	< 0.01
B12107	< 2	14	< 5	1.93	< 0.01	< 0.001	2.42	0.013	0.43	< 0.005	9.97	< 0.1	< 0.01	18.7	0.16	0.125	< 0.01	0.03	< 0.01	18.8	0.04	< 0.005	< 0.01
B12108	< 2	11	< 5	2.16	< 0.01	< 0.001	2.34	0.012	0.31	0.006	9.65	< 0.1	< 0.01	18.9	0.15	0.121	< 0.01	0.04	< 0.01	18.9	0.04	< 0.005	< 0.01
B12109	< 2	14	< 5	2.26	< 0.01	< 0.001	2.72	0.013	0.28	< 0.005	9.29	< 0.1	< 0.01	18.8	0.16	0.118	< 0.01	0.03	< 0.01	19.0	0.05	< 0.005	< 0.01
B12110	< 2	8	< 5	2.05	< 0.01	< 0.001	2.80	0.013	0.29	< 0.005	9.70	< 0.1	< 0.01	19.1	0.15	0.119	< 0.01	0.03	< 0.01	19.0	0.05	< 0.005	< 0.01
B12111	< 2	11	< 5	1.92	< 0.01	< 0.001	3.81	0.012	0.27	< 0.005	8.82	< 0.1	< 0.01	18.5	0.16	0.114	< 0.01	0.04	< 0.01	18.4	0.04	< 0.005	< 0.01
B12112	< 2	11	< 5	2.23	< 0.01	< 0.001	2.60	0.013	0.25	< 0.005	9.23	< 0.1	< 0.01	18.8	0.15	0.116	< 0.01	0.03	< 0.01	18.9	0.05	< 0.005	< 0.01
B12113	< 2	8	< 5	2.15	< 0.01	< 0.001	2.02	0.013	0.28	< 0.005	9.85	< 0.1	< 0.01	19.1	0.15	0.116	< 0.01	0.03	< 0.01	18.9	0.05	< 0.005	0.01
B12114	< 2	13	< 5	1.89	< 0.01	< 0.001	2.02	0.014	0.29	< 0.005	10.1	< 0.1	< 0.01	19.4	0.16	0.117	< 0.01	0.03	< 0.01	18.9	0.05	< 0.005	< 0.01
B12115	< 2	8	< 5	2.08	< 0.01	< 0.001	2.21	0.013	0.29	< 0.005	9.83	< 0.1	< 0.01	19.7	0.16	0.114	< 0.01	0.03	< 0.01	19.1	0.05	< 0.005	< 0.01
B12116	< 2	7	< 5	2.00	< 0.01	< 0.001	1.87	0.014	0.25	< 0.005	9.80	< 0.1	< 0.01	19.6	0.15	0.111	< 0.01	0.03	< 0.01	18.9	0.06	< 0.005	< 0.01
B12117	< 2	9	< 5	2.32	< 0.01	< 0.001	2.26	0.013	0.25	< 0.005	9.13	< 0.1	< 0.01	19.2	0.14	0.109	< 0.01	0.03	< 0.01	19.1	0.05	< 0.005	< 0.01
B12118	< 2	9	< 5	2.16	< 0.01	< 0.001	2.26	0.014	0.27	< 0.005	9.17	< 0.1	< 0.01	19.0	0.14	0.109	< 0.01	0.03	< 0.01	19.1	0.06	< 0.005	< 0.01
B12119	< 2	< 5	< 5	7.09	< 0.01	< 0.001	4.96	0.003	0.02	< 0.005	3.17	2.0	< 0.01	1.98	0.06	0.013	< 0.01	0.03	< 0.01	28.3	0.27	< 0.005	< 0.01
B12120	< 2	11	< 5	2.41	< 0.01	< 0.001	3.24	0.013	0.25	< 0.005	8.88	< 0.1	< 0.01	18.3	0.15	0.102	< 0.01	0.03	< 0.01	19.7	0.07	< 0.005	0.01
B12121	< 2	7	< 5	2.24	< 0.01	< 0.001	2.92	0.013	0.24	< 0.005	8.95	< 0.1	< 0.01	19.4	0.15	0.094	< 0.01	0.03	< 0.01	20.5	0.08	< 0.005	0.01
B12122	< 2	9	< 5	2.27	< 0.01	< 0.001	2.38	0.014	0.25	< 0.005	9.18	< 0.1	< 0.01	19.0	0.14	0.097	< 0.01	0.02	< 0.01	19.2	0.09	< 0.005	< 0.01
B12123	< 2	8	< 5	2.30	< 0.01	< 0.001	2.36	0.014	0.19	< 0.005	9.65	< 0.1	< 0.01	19.1	0.15	0.094	< 0.01	0.03	< 0.01	19.5	0.10	< 0.005	< 0.01
B12124	13	< 5	< 5	0.34	< 0.01	< 0.001	0.23	0.010	0.09	< 0.005	4.08	< 0.1	< 0.01	26.2	0.06	0.278	< 0.01	0.05	< 0.01	16.9	0.02	< 0.005	< 0.01
B12125	< 2	6	< 5	2.18	< 0.01	< 0.001	2.75	0.013	0.20	< 0.005	8.82	< 0.1	< 0.01	18.1	0.17	0.084	< 0.01	0.03	< 0.01	19.8	0.10	< 0.005	0.01
B12126	< 2	14	< 5	2.33	< 0.01	< 0.001	2.20	0.012	0.22	< 0.005	8.70	< 0.1	< 0.01	18.3	0.17	0.080	< 0.01	0.03	< 0.01	20.2	0.12	< 0.005	0.01
B12127	< 2	21	13	2.53	< 0.01	< 0.001	3.28	0.011	0.30	< 0.005	8.14	< 0.1	< 0.01	16.8	0.15	0.061	< 0.01	0.03	< 0.01	21.3	0.11	< 0.005	0.01
B12128	< 2	34	32	2.72	< 0.01	< 0.001	4.50	0.009	0.28	< 0.005	7.10	< 0.1	< 0.01	14.9	0.14	0.044	< 0.01	0.09	< 0.01	23.4	0.13	< 0.005	< 0.01
B12129	26	85	111	2.89	< 0.01	< 0.001	7.74	0.007	0.32	< 0.005	6.17	< 0.1	< 0.01	12.7	0.14	0.035	< 0.01	< 0.01	< 0.01	25.0	0.16	< 0.005	< 0.01
B12130	5	161	249	2.89	< 0.01	< 0.001	10.7	0.006	0.39	0.006	5.65	< 0.1	< 0.01	10.8	0.13	0.031	< 0.01	0.01	< 0.01	25.1	0.18	< 0.005	< 0.01
B12131	5	157	243	2.93	< 0.01	< 0.001	10.5	0.006	0.39	0.006	5.64	< 0.1	< 0.01	10.7	0.13	0.030	< 0.01	0.01	< 0.01	25.6	0.18	< 0.005	< 0.01
B12132	16	196	326	2.86	< 0.01	< 0.001	11.1	0.006	0.40	0.013	5.64	< 0.1	< 0.01	10.6	0.13	0.033	< 0.01	0.02	< 0.01	25.8	0.18	< 0.005	< 0.01
B12133	23	155	249	2.81	< 0.01	< 0.001	11.3	0.006	0.38	0.032	5.73	< 0.1	< 0.01	10.4	0.13	0.041	< 0.01	0.08	< 0.01	25.6	0.17	< 0.005	< 0.01
B12134	15	95	148	2.82	< 0.01	< 0.001	10.9	0.007	0.35	0.037	5.89	< 0.1	< 0.01	10.9	0.13	0.042	< 0.01	0.13	< 0.01	25.3	0.17	< 0.005	< 0.01
B12135	10	29	42	5.82	< 0.01	< 0.001	8.25	0.006	0.22	0.014	5.38	< 0.1	< 0.01	10.2	0.12	0.033	< 0.01	0.05	< 0.01	23.7	0.10	< 0.005	< 0.01
B12136	5	11	14	6.31	< 0.01	< 0.001	7.20	0.006	0.17	0.007	5.24	0.2	< 0.01	9.93	0.11	0.026	< 0.01	0.03	< 0.01	23.4	0.09	< 0.005	< 0.01
B12137	8	6	5	6.73	< 0.01	< 0.001	7.99	0.005	0.18	0.011	5.19	0.3	< 0.01	9.19	0.12	0.023	< 0.01	0.04	< 0.01	24.6	0.10	< 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														3.48				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.07	0.014	1.51	< 0.005				31.3	0.08	0.373	< 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
DTS-2b Meas				0.24			0.11	0.014	1.65	< 0.005				31.9	0.09	0.393	< 0.01		< 0.01	19.6			< 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			0.059	0.17	0.128	14.6					3.25		7.39		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.119	14.3					3.24		7.17		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					0.03			0.012		0.143	12.7							20.8	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.012		0.131	12.5							19.9	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.58			3.24	8.50			0.03			2.06	13.4		17.4		0.107	17.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.33		2.43			3.12	8.01			0.04			2.09	13.8		17.0		0.113	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.3				0.28					4.61	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.4				0.27					4.50	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.3				0.27					4.36	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.3				0.28					4.48	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.70									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.061																	
NCS DC86313						1																	

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
Cert																							
NCS DC86313 Meas						1.089																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.417							0.18	33.6		0.26			57.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.10	
W 106 Cert																						2.16	
CDN-PGMS-27 Meas	4890	2000	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4710	2000	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4720	1890	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1640	221																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1770	1700	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1970	1610	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B12112 Orig	< 2	11	< 5																				
B12112 Dup	< 2	10	< 5																				
B12115 Orig				2.06	< 0.01	< 0.001	2.23	0.013	0.28	< 0.005	9.69	< 0.1	< 0.01	19.4	0.16	0.112	< 0.01	0.03	< 0.01	18.9	0.05	< 0.005	0.01
B12115 Dup				2.11	< 0.01	< 0.001	2.18	0.014	0.30	< 0.005	9.97	< 0.1	< 0.01	20.1	0.16	0.116	< 0.01	0.04	< 0.01	19.2	0.05	< 0.005	< 0.01
B12122 Orig	< 2	8	< 5																				
B12122 Dup	< 2	10	< 5																				
B12123 Orig				2.27	< 0.01	< 0.001	2.33	0.013	0.19	< 0.005	9.47	< 0.1	< 0.01	18.7	0.15	0.094	< 0.01	0.03	< 0.01	19.3	0.09	< 0.005	< 0.01
B12123 Dup				2.33	< 0.01	< 0.001	2.40	0.014	0.19	< 0.005	9.82	< 0.1	< 0.01	19.4	0.16	0.095	< 0.01	0.03	< 0.01	19.7	0.10	< 0.005	< 0.01
B12132 Orig	16	191	322																				
B12132 Dup	15	202	330																				
B12137 Orig				6.73	< 0.01	< 0.001	8.04	0.005	0.18	0.013	5.19	0.3	< 0.01	9.16	0.12	0.023	< 0.01	0.03	< 0.01	24.5	0.10	< 0.005	< 0.01
B12137 Dup				6.74	< 0.01	< 0.001	7.93	0.005	0.17	0.009	5.18	0.3	< 0.01	9.23	0.12	0.023	< 0.01	0.04	< 0.01	24.6	0.10	< 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	< 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

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				< 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.: **A20-05725**
Report Date: **15-Jun-20**
Date Submitted: **02-Jun-20**
Your Reference: **Crawford (CR20-C-D13)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

5 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)	2020-06-10 16:46:41

REPORT **A20-05725**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05725**
Report Date: **15-Jun-20**
Date Submitted: **02-Jun-20**
Your Reference: **Crawford (CR20-C-D13)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-09 09:49:38

REPORT **A20-05725**

Notes:

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	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
B12138	5	6	6	8.49	< 0.01	< 0.001	9.64	0.004	0.17	0.012	4.07	0.2	< 0.01	7.17	0.09	0.021	< 0.01	0.02	< 0.01	24.3	0.08	< 0.005	< 0.01
B12139	3	< 5	6	8.38	< 0.01	< 0.001	9.93	0.004	0.17	0.010	4.01	0.2	< 0.01	7.37	0.09	0.021	< 0.01	< 0.01	< 0.01	23.4	0.08	< 0.005	< 0.01
B12140	6	< 5	< 5	8.48	< 0.01	< 0.001	10.2	0.004	0.17	0.010	4.01	0.2	< 0.01	7.35	0.09	0.023	< 0.01	< 0.01	< 0.01	23.7	0.08	< 0.005	< 0.01
B12141	< 2	< 5	< 5	6.94	< 0.01	< 0.001	4.47	0.003	0.02	0.005	3.79	1.7	< 0.01	2.40	0.07	0.010	< 0.01	0.05	< 0.01	29.0	0.32	< 0.005	< 0.01
B12142	12	< 5	< 5	0.33	< 0.01	< 0.001	0.19	0.010	0.10	< 0.005	4.14	< 0.1	< 0.01	26.4	0.06	0.292	< 0.01	0.06	< 0.01	16.7	0.02	< 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														3.48				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.07	0.014	1.51	< 0.005				31.3	0.08	0.373	< 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
DTS-2b Meas				0.24			0.11	0.014	1.65	< 0.005				31.9	0.09	0.393	< 0.01		< 0.01	19.6			< 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			0.059	0.17	0.128	14.6					3.25		7.39		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.119	14.3					3.24		7.17		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					0.03			0.012		0.143	12.7							20.8	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.012		0.131	12.5							19.9	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.28		2.58			3.24	8.50			0.03			2.06	13.4		17.4		0.107	17.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.33		2.43			3.12	8.01			0.04			2.09	13.8		17.0		0.113	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											41.3				0.28					4.61	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.4				0.27					4.50	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.3				0.27					4.36	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.3				0.28					4.48	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.70									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.061																	
NCS DC86313						1																	

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
Cert																							
NCS DC86313 Meas						1.089																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.417							0.18	33.6		0.26			57.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.10	
W 106 Cert																						2.16	
CDN-PGMS-27 Meas	4660	1910	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4730	2010	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4690	1930	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1700	230																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1910	1690	227																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1940	1670	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
B12140 Orig	5	< 5	< 5																				
B12140 Dup	7	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	< 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.: **A20-05788**
Report Date: **18-Jun-20**
Date Submitted: **04-Jun-20**
Your Reference: **Crawford (CR20-C-B80)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-10 12:35:58

REPORT **A20-05788**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05788**
Report Date: **18-Jun-20**
Date Submitted: **04-Jun-20**
Your Reference: **Crawford (CR20-C-B80)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-11 19:26:27

REPORT **A20-05788**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977832	< 2	13	12	0.49	< 0.01	< 0.001	0.27	0.013	0.74	< 0.005	6.47	< 0.1	< 0.01	25.4	0.10	0.345	< 0.01	0.07	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977833	< 2	8	9	0.40	< 0.01	< 0.001	0.23	0.013	0.73	< 0.005	6.18	< 0.1	< 0.01	25.8	0.10	0.335	< 0.01	0.05	< 0.01	16.5	0.02	< 0.005	< 0.01
A0977834	3	6	30	0.34	< 0.01	< 0.001	0.03	0.013	0.67	< 0.005	6.00	< 0.1	< 0.01	26.2	0.09	0.325	< 0.01	0.06	< 0.01	16.7	0.01	< 0.005	< 0.01
A0977835	< 2	5	< 5	0.41	< 0.01	< 0.001	0.07	0.012	0.70	< 0.005	5.85	< 0.1	< 0.01	26.4	0.09	0.303	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977836	6	10	56	0.36	< 0.01	< 0.001	0.03	0.013	0.75	< 0.005	6.06	< 0.1	< 0.01	26.0	0.09	0.309	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977837	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.08	0.013	0.74	< 0.005	5.98	< 0.1	< 0.01	26.3	0.10	0.291	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977838	< 2	< 5	< 5	7.12	< 0.01	< 0.001	4.51	0.002	0.02	< 0.005	3.71	1.8	< 0.01	1.99	0.06	0.008	< 0.01	0.03	< 0.01	30.1	0.27	< 0.005	< 0.01
A0977839	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.05	0.013	0.72	< 0.005	6.00	< 0.1	< 0.01	26.1	0.10	0.286	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01
A0977840	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.06	0.013	0.73	< 0.005	5.83	< 0.1	< 0.01	25.9	0.10	0.289	< 0.01	0.04	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977841	< 2	11	< 5	0.34	< 0.01	< 0.001	0.04	0.013	0.72	< 0.005	5.96	< 0.1	< 0.01	25.8	0.09	0.304	< 0.01	0.04	< 0.01	16.5	0.01	< 0.005	< 0.01
A0977842	6	15	26	0.35	< 0.01	< 0.001	< 0.01	0.012	0.79	< 0.005	5.64	< 0.1	< 0.01	26.6	0.09	0.308	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977843	< 2	6	49	0.33	< 0.01	< 0.001	0.05	0.014	0.79	< 0.005	5.82	< 0.1	< 0.01	26.1	0.10	0.298	< 0.01	0.03	< 0.01	16.7	0.01	< 0.005	< 0.01
A0977844	< 2	< 5	6	0.33	< 0.01	< 0.001	0.07	0.013	0.73	< 0.005	5.58	< 0.1	< 0.01	26.4	0.09	0.319	< 0.01	0.04	< 0.01	16.8	0.01	< 0.005	< 0.01
A0977845	< 2	33	8	0.32	< 0.01	< 0.001	< 0.01	0.013	0.73	< 0.005	5.75	< 0.1	< 0.01	26.7	0.09	0.293	< 0.01	0.05	< 0.01	16.4	0.01	< 0.005	< 0.01
A0977846	< 2	< 5	6	0.31	< 0.01	< 0.001	< 0.01	0.012	0.80	< 0.005	5.76	< 0.1	< 0.01	26.3	0.09	0.300	< 0.01	0.03	< 0.01	16.5	0.01	< 0.005	< 0.01
A0977847	< 2	< 5	< 5	0.31	< 0.01	< 0.001	< 0.01	0.012	0.76	< 0.005	5.60	< 0.1	< 0.01	26.5	0.09	0.295	< 0.01	0.03	< 0.01	16.8	0.01	< 0.005	< 0.01
A0977848	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.04	0.013	0.84	< 0.005	5.53	< 0.1	< 0.01	26.6	0.09	0.318	< 0.01	0.03	< 0.01	16.9	0.01	< 0.005	< 0.01
A0977849	< 2	< 5	< 5	0.29	< 0.01	< 0.001	< 0.01	0.013	0.79	< 0.005	5.74	< 0.1	< 0.01	26.5	0.09	0.308	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0977850	< 2	< 5	9	0.27	< 0.01	< 0.001	0.03	0.013	0.79	< 0.005	5.39	< 0.1	< 0.01	26.7	0.09	0.296	< 0.01	0.03	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977851	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.013	0.79	< 0.005	5.93	< 0.1	< 0.01	26.3	0.09	0.293	< 0.01	0.01	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977852	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.05	0.012	0.80	< 0.005	5.70	< 0.1	< 0.01	26.7	0.09	0.305	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0977853	< 2	< 5	6	0.29	< 0.01	< 0.001	0.04	0.013	0.78	< 0.005	6.25	< 0.1	< 0.01	26.5	0.09	0.295	< 0.01	0.03	< 0.01	16.4	0.01	< 0.005	< 0.01
A0977854	< 2	< 5	< 5	0.29	< 0.01	< 0.001	< 0.01	0.013	0.82	< 0.005	5.59	< 0.1	< 0.01	26.9	0.09	0.295	< 0.01	0.02	< 0.01	16.5	0.01	< 0.005	< 0.01
A0977855	11	< 5	< 5	0.33	< 0.01	< 0.001	0.28	0.009	0.10	< 0.005	4.05	< 0.1	< 0.01	26.1	0.06	0.297	< 0.01	0.07	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977856	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.05	0.013	0.78	< 0.005	5.32	< 0.1	< 0.01	26.7	0.09	0.293	< 0.01	0.03	< 0.01	16.7	0.01	< 0.005	< 0.01
A0977857	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.05	0.013	0.79	< 0.005	5.32	< 0.1	< 0.01	26.7	0.09	0.293	< 0.01	0.03	< 0.01	16.9	0.01	< 0.005	< 0.01
A0977858	< 2	< 5	6	0.26	< 0.01	< 0.001	< 0.01	0.013	0.79	< 0.005	5.55	< 0.1	< 0.01	27.2	0.10	0.299	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977859	< 2	< 5	< 5	0.31	< 0.01	< 0.001	< 0.01	0.012	0.81	< 0.005	6.00	< 0.1	< 0.01	26.4	0.09	0.299	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977860	< 2	< 5	< 5	0.29	< 0.01	< 0.001	< 0.01	0.013	0.69	< 0.005	5.55	< 0.1	< 0.01	27.1	0.09	0.291	< 0.01	0.01	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977861	< 2	< 5	< 5	0.36	< 0.01	< 0.001	< 0.01	0.012	0.54	< 0.005	5.41	< 0.1	< 0.01	26.7	0.09	0.303	< 0.01	0.03	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977862	< 2	< 5	< 5	0.38	< 0.01	< 0.001	< 0.01	0.012	0.51	< 0.005	5.69	< 0.1	< 0.01	26.4	0.09	0.312	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0977863	< 2	< 5	< 5	0.36	< 0.01	< 0.001	< 0.01	0.011	0.47	< 0.005	5.53	< 0.1	< 0.01	26.6	0.08	0.280	< 0.01	0.03	< 0.01	17.1	0.02	< 0.005	< 0.01
A0977864	< 2	< 5	< 5	0.35	< 0.01	< 0.001	< 0.01	0.012	0.46	< 0.005	5.33	< 0.1	< 0.01	26.7	0.08	0.292	< 0.01	0.01	< 0.01	17.2	0.02	< 0.005	< 0.01
A0977865	< 2	< 5	< 5	0.38	< 0.01	< 0.001	< 0.01	0.011	0.45	< 0.005	5.19	< 0.1	< 0.01	26.7	0.08	0.298	< 0.01	0.03	< 0.01	17.1	0.02	< 0.005	< 0.01
A0977866	< 2	< 5	< 5	0.35	< 0.01	< 0.001	< 0.01	0.012	0.45	< 0.005	6.28	< 0.1	< 0.01	26.0	0.09	0.293	< 0.01	0.02	< 0.01	16.8	0.02	< 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				
CD-1 Meas					0.67														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.67														3.48				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.10	0.013	1.55	< 0.005				31.6	0.08	0.394	< 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
DTS-2b Meas				0.22			0.07	0.014	1.51	< 0.005				31.3	0.08	0.373	< 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
DTS-2b Meas				0.24			0.11	0.014	1.65	< 0.005				31.9	0.09	0.393	< 0.01		< 0.01	19.6			< 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					1.10	< 0.005	< 0.01			16.6		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
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.009					1.08	0.006	< 0.01			16.6		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 74a (Fusion) Meas					< 0.01			0.058	0.17	0.118	13.8					3.22		7.61		15.6			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.17	0.128	14.6					3.25		7.39		15.3			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.058	0.17	0.119	14.3					3.24		7.17		14.9			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.161	0.07	0.403	31.7					10.3		24.4		5.76			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.161	0.08	0.400	32.1					10.7		24.9		5.77			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.4							20.7	< 0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.137	12.5							20.4	0.01				18.0
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.03			0.012		0.143	12.7							20.8	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b					0.03			0.012		0.131	12.5							19.9	0.01				17.5

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
(Fusion) Meas																							
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.27		2.54			3.12	8.28			0.03			2.08	13.8		17.1		0.107	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.28		2.58			3.24	8.50			0.03			2.06	13.4		17.4		0.107	17.1
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.33		2.43			3.12	8.01			0.04			2.09	13.8		17.0		0.113	16.7
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.7				0.27					4.57	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.7				0.27					4.64	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											41.3				0.28					4.61	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.4				0.27					4.50	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.3				0.27					4.36	13.4		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											44.3				0.28					4.48	13.9		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.70									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.092																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.084																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.061																	

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
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.089																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.010		0.431							0.18	34.9		0.27			56.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.08	0.04			0.010		0.422							0.18	34.2		0.29			56.0
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.010		0.417							0.18	33.6		0.26			57.1
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	
W 106 Meas																						2.15	
W 106 Cert																						2.16	
W 106 Meas																						2.11	
W 106 Cert																						2.16	
W 106 Meas																						2.10	
W 106 Cert																						2.16	
CCU-1e Meas				0.14	0.10			0.032		23.0	31.9			0.73	0.01		0.71	37.0	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
CCU-1e Meas				0.14	0.11			0.032		22.9	32.6			0.74	< 0.01		0.71	36.1	0.01				2.99
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	4530	1870	1180																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4570	2060	1360																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4320	1950	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2070	1630	245																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1810	1560	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1820	1570	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977836 Orig				0.36	< 0.01	< 0.001	0.02	0.013	0.73	< 0.005	6.01	< 0.1	< 0.01	25.9	0.09	0.316	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977836 Dup				0.36	< 0.01	< 0.001	0.03	0.013	0.76	< 0.005	6.11	< 0.1	< 0.01	26.0	0.09	0.303	< 0.01	0.05	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977841 Orig	< 2	5	< 5																				
A0977841 Dup	2	17	7																				
A0977842 Orig				0.35	< 0.01	< 0.001	< 0.01	0.012	0.80	< 0.005	5.63	< 0.1	< 0.01	26.7	0.09	0.308	< 0.01	0.04	< 0.01	16.4	0.01	< 0.005	< 0.01
A0977842 Dup				0.35	< 0.01	< 0.001	< 0.01	0.012	0.79	< 0.005	5.65	< 0.1	< 0.01	26.6	0.09	0.309	< 0.01	0.04	< 0.01	16.7	0.01	< 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
A0977851 Orig	< 2	< 5	< 5																				
A0977851 Dup	< 2	< 5	< 5																				
A0977859 Orig				0.31	< 0.01	< 0.001	< 0.01	0.013	0.80	< 0.005	6.02	< 0.1	< 0.01	26.5	0.09	0.304	< 0.01	0.02	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977859 Dup				0.31	< 0.01	< 0.001	0.06	0.012	0.81	< 0.005	5.97	< 0.1	< 0.01	26.2	0.09	0.294	< 0.01	0.03	< 0.01	16.6	0.01	< 0.005	< 0.01
A0977861 Orig	< 2	< 5	< 5																				
A0977861 Dup	< 2	< 5	< 5																				
A0977866 Orig				0.36	< 0.01	< 0.001	0.04	0.012	0.45	< 0.005	6.29	< 0.1	< 0.01	26.0	0.09	0.285	< 0.01	0.03	< 0.01	16.9	0.02	< 0.005	< 0.01
A0977866 Dup				0.35	< 0.01	< 0.001	< 0.01	0.012	0.44	< 0.005	6.28	< 0.1	< 0.01	26.1	0.09	0.301	< 0.01	0.02	< 0.01	16.8	0.02	< 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	< 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
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	0.02	< 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	0.02	< 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	0.02	< 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				< 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.: **A20-05855**
Report Date: **18-Jun-20**
Date Submitted: **05-Jun-20**
Your Reference: **Crawford (CR20-C-B81)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-10 12:35:58

REPORT **A20-05855**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05855**
Report Date: **18-Jun-20**
Date Submitted: **05-Jun-20**
Your Reference: **Crawford (CR20-C-B81)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-16 09:25:12

REPORT **A20-05855**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977867	< 2	< 5	< 5	0.33	< 0.01	< 0.001	0.04	0.012	0.41	< 0.005	5.90	< 0.1	< 0.01	26.1	0.09	0.277	< 0.01	0.02	< 0.01	16.7	0.02	< 0.005	< 0.01
A0977868	< 2	< 5	< 5	0.35	< 0.01	< 0.001	0.06	0.012	0.44	0.009	6.22	< 0.1	< 0.01	25.6	0.09	0.283	< 0.01	0.02	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977869	< 2	< 5	< 5	0.30	< 0.01	< 0.001	0.08	0.013	0.48	< 0.005	6.17	< 0.1	< 0.01	25.9	0.10	0.270	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977870	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.06	0.014	0.54	< 0.005	6.33	< 0.1	< 0.01	25.2	0.09	0.287	< 0.01	0.02	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977871	10	< 5	< 5	0.34	< 0.01	< 0.001	0.28	0.010	0.10	< 0.005	4.02	< 0.1	< 0.01	26.3	0.06	0.289	< 0.01	0.06	< 0.01	17.0	0.02	< 0.005	< 0.01
A0977872	3	< 5	< 5	0.55	< 0.01	< 0.001	0.11	0.013	0.70	< 0.005	5.78	< 0.1	< 0.01	25.5	0.09	0.264	< 0.01	< 0.01	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977873	< 2	< 5	< 5	0.49	< 0.01	< 0.001	0.06	0.013	0.60	< 0.005	6.43	< 0.1	< 0.01	25.5	0.08	0.269	< 0.01	0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977874	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.07	0.012	0.54	< 0.005	5.59	< 0.1	< 0.01	25.9	0.09	0.272	< 0.01	0.02	< 0.01	17.4	0.02	< 0.005	< 0.01
A0977875	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.04	0.012	0.50	< 0.005	6.74	< 0.1	< 0.01	25.4	0.09	0.272	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0977876	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.07	0.013	0.63	< 0.005	6.44	< 0.1	< 0.01	25.4	0.10	0.263	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977877	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.11	0.013	0.66	< 0.005	6.46	< 0.1	< 0.01	25.1	0.09	0.259	< 0.01	< 0.01	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977878	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.09	0.013	0.65	< 0.005	5.77	< 0.1	< 0.01	25.3	0.10	0.258	< 0.01	< 0.01	< 0.01	17.2	0.03	< 0.005	< 0.01
A0977879	3	< 5	< 5	0.66	< 0.01	< 0.001	0.08	0.012	0.71	0.013	6.41	< 0.1	< 0.01	24.6	0.08	0.304	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0977880	5	< 5	< 5	0.63	< 0.01	< 0.001	0.12	0.013	0.69	< 0.005	6.51	< 0.1	< 0.01	24.7	0.09	0.252	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977881	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.15	0.013	0.72	< 0.005	7.39	< 0.1	< 0.01	25.7	0.09	0.265	< 0.01	0.01	< 0.01	17.3	0.03	< 0.005	< 0.01
A0977882	< 2	< 5	< 5	0.70	< 0.01	< 0.001	0.10	0.012	0.71	< 0.005	5.96	< 0.1	< 0.01	24.8	0.07	0.257	< 0.01	0.01	< 0.01	17.3	0.03	< 0.005	< 0.01
A0977883	< 2	< 5	< 5	0.73	< 0.01	< 0.001	0.11	0.012	0.68	< 0.005	6.62	< 0.1	< 0.01	24.4	0.07	0.254	< 0.01	0.02	< 0.01	17.3	0.03	< 0.005	< 0.01
A0977884	< 2	< 5	< 5	6.90	< 0.01	< 0.001	3.56	0.002	0.03	< 0.005	3.44	1.8	< 0.01	2.57	0.06	0.015	< 0.01	0.03	< 0.01	30.6	0.26	< 0.005	< 0.01
A0977885	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.16	0.013	0.71	< 0.005	5.69	< 0.1	< 0.01	25.5	0.09	0.267	< 0.01	0.02	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977886	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.09	0.013	0.64	< 0.005	6.63	< 0.1	< 0.01	24.8	0.08	0.262	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977887	4	< 5	< 5	0.60	< 0.01	< 0.001	0.09	0.014	0.69	0.005	6.31	< 0.1	< 0.01	24.9	0.09	0.255	< 0.01	0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977888	5	< 5	< 5	0.64	< 0.01	< 0.001	0.09	0.013	0.71	0.006	6.31	< 0.1	< 0.01	25.1	0.10	0.242	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977889	4	< 5	< 5	0.63	< 0.01	< 0.001	0.05	0.013	0.74	0.007	5.69	< 0.1	< 0.01	25.1	0.09	0.250	< 0.01	0.03	< 0.01	17.1	0.03	< 0.005	< 0.01
A0977890	3	< 5	< 5	0.75	< 0.01	< 0.001	0.12	0.012	0.74	0.005	7.00	< 0.1	< 0.01	24.5	0.08	0.253	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977891	6	< 5	< 5	0.67	< 0.01	< 0.001	0.12	0.013	0.76	< 0.005	6.47	< 0.1	< 0.01	24.6	0.10	0.248	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977892	3	< 5	< 5	0.65	< 0.01	< 0.001	0.06	0.013	0.73	< 0.005	6.07	< 0.1	< 0.01	25.2	0.10	0.247	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977893	4	< 5	< 5	0.62	< 0.01	< 0.001	0.15	0.013	0.70	0.007	6.40	< 0.1	< 0.01	24.9	0.10	0.246	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977894	3	< 5	< 5	0.65	< 0.01	< 0.001	0.11	0.013	0.72	0.005	5.76	< 0.1	< 0.01	24.8	0.09	0.252	< 0.01	< 0.01	< 0.01	17.3	0.03	< 0.005	< 0.01
A0977895	5	< 5	< 5	0.71	< 0.01	< 0.001	0.09	0.012	0.67	< 0.005	6.09	< 0.1	< 0.01	25.1	0.08	0.249	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977896	3	< 5	< 5	0.69	< 0.01	< 0.001	0.15	0.013	0.67	0.006	6.24	< 0.1	< 0.01	24.5	0.08	0.252	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0977897	3	< 5	< 5	0.69	< 0.01	< 0.001	0.14	0.012	0.67	0.006	6.26	< 0.1	< 0.01	24.8	0.08	0.254	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0977898	6	< 5	< 5	0.70	< 0.01	< 0.001	0.10	0.012	0.60	0.005	5.74	< 0.1	< 0.01	25.1	0.09	0.250	< 0.01	0.03	< 0.01	17.4	0.04	< 0.005	< 0.01
A0977899	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.10	0.012	0.70	< 0.005	5.75	< 0.1	< 0.01	25.0	0.10	0.259	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977900	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.11	0.012	0.69	< 0.005	5.78	< 0.1	< 0.01	24.8	0.09	0.252	< 0.01	0.02	< 0.01	17.2	0.03	< 0.005	< 0.01
A0977901	< 2	< 5	< 5	0.66	< 0.01	< 0.001	0.09	0.013	0.71	< 0.005	6.26	< 0.1	< 0.01	26.0	0.10	0.268	< 0.01	0.03	< 0.01	17.7	0.04	< 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				0.22			0.10	0.013	1.55	< 0.005				31.6	0.08	0.394	< 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					1.10	< 0.005	< 0.01			16.6		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 74a (Fusion) Meas					< 0.01			0.058	0.17	0.118	13.8					3.22		7.61		15.6			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.161	0.07	0.403	31.7					10.3		24.4		5.76			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.4							20.7	< 0.01				17.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.27		2.54			3.12	8.28			0.03			2.08	13.8		17.1		0.107	16.6
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.7				0.27					4.57	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.7				0.27					4.64	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.092																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.084																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.010		0.431							0.18	34.9		0.27			56.1
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			0.032		23.0	31.9			0.73	0.01		0.71	37.0	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	4640	1870	1210																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4530	1870	1180																				

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
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4570	2060	1360																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4320	1950	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1780	1590	213																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	2070	1630	245																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1810	1560	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
CDN-PGMS-30 Meas	1820	1570	214																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977872 Orig	3	< 5	< 5																				
A0977872 Dup	3	< 5	< 5																				
A0977876 Orig				0.44	< 0.01	< 0.001	0.06	0.013	0.63	< 0.005	6.42	< 0.1	< 0.01	25.5	0.10	0.268	< 0.01	0.02	< 0.01	16.8	0.03	< 0.005	< 0.01
A0977876 Dup				0.45	< 0.01	< 0.001	0.08	0.013	0.63	< 0.005	6.46	< 0.1	< 0.01	25.3	0.10	0.259	< 0.01	0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
A0977881 Orig	< 2	< 5	< 5																				
A0977881 Dup	3	< 5	< 5																				
A0977886 Orig				0.67	< 0.01	< 0.001	0.11	0.013	0.65	< 0.005	6.62	< 0.1	< 0.01	24.8	0.08	0.261	< 0.01	0.01	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977886 Dup				0.66	< 0.01	< 0.001	0.07	0.013	0.64	< 0.005	6.65	< 0.1	< 0.01	24.8	0.08	0.262	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0977896 Orig				0.68	< 0.01	< 0.001	0.14	0.013	0.66	0.006	6.22	< 0.1	< 0.01	24.2	0.08	0.251	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977896 Dup				0.69	< 0.01	< 0.001	0.15	0.012	0.68	0.006	6.26	< 0.1	< 0.01	24.7	0.08	0.253	< 0.01	0.01	< 0.01	17.3	0.04	< 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	< 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				< 0.01	< 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.: **A20-05933**
Report Date: **22-Jun-20**
Date Submitted: **08-Jun-20**
Your Reference: **Crawford (CR20-C-A151)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-22 09:06:27

REPORT **A20-05933**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-05933**
Report Date: **22-Jun-20**
Date Submitted: **08-Jun-20**
Your Reference: **Crawford (CR20-C-A151)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-18 07:55:49

REPORT **A20-05933**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971797	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.88	0.012	0.67	< 0.005	6.75	< 0.1	< 0.01	23.2	0.08	0.238	< 0.01	0.06	< 0.01	16.9	0.05	< 0.005	< 0.01
A0971798	< 2	< 5	10	0.81	< 0.01	< 0.001	0.95	0.012	0.67	< 0.005	6.33	< 0.1	< 0.01	23.0	0.10	0.233	< 0.01	0.05	< 0.01	16.5	0.05	< 0.005	< 0.01
A0971799	< 2	< 5	< 5	0.81	< 0.01	< 0.001	1.47	0.012	0.65	< 0.005	7.19	< 0.1	< 0.01	22.2	0.12	0.219	< 0.01	0.05	< 0.01	15.8	0.05	< 0.005	< 0.01
A0971800	< 2	< 5	7	0.76	< 0.01	< 0.001	1.20	0.012	0.70	< 0.005	6.15	< 0.1	< 0.01	22.7	0.10	0.240	< 0.01	0.05	< 0.01	16.4	0.04	< 0.005	< 0.01
A0971801	10	< 5	< 5	0.31	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	4.08	< 0.1	< 0.01	25.5	0.06	0.281	< 0.01	0.08	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971802	< 2	< 5	8	0.79	< 0.01	< 0.001	1.11	0.011	0.71	< 0.005	6.36	< 0.1	< 0.01	23.0	0.08	0.231	< 0.01	0.04	< 0.01	16.5	0.04	< 0.005	< 0.01
A0971803	< 2	< 5	6	1.06	< 0.01	< 0.001	1.51	0.011	0.66	< 0.005	5.86	< 0.1	< 0.01	22.7	0.11	0.230	< 0.01	0.05	< 0.01	16.3	0.05	< 0.005	< 0.01
A0971804	< 2	< 5	< 5	1.46	< 0.01	< 0.001	0.35	0.012	0.64	< 0.005	6.77	< 0.1	< 0.01	22.8	0.10	0.217	< 0.01	0.02	< 0.01	17.4	0.08	< 0.005	< 0.01
A0971805	< 2	< 5	10	1.20	< 0.01	< 0.001	0.45	0.012	0.69	< 0.005	6.07	< 0.1	< 0.01	23.1	0.09	0.230	< 0.01	0.02	< 0.01	17.6	0.06	< 0.005	< 0.01
A0971806	< 2	< 5	< 5	1.21	< 0.01	< 0.001	0.44	0.012	0.67	< 0.005	6.00	< 0.1	< 0.01	22.8	0.09	0.227	< 0.01	0.02	< 0.01	17.6	0.06	< 0.005	< 0.01
A0971807	< 2	< 5	< 5	0.97	< 0.01	< 0.001	0.73	0.011	0.73	< 0.005	5.62	< 0.1	< 0.01	23.4	0.08	0.236	< 0.01	0.04	< 0.01	17.4	0.05	< 0.005	< 0.01
A0971808	< 2	< 5	< 5	0.81	< 0.01	< 0.001	1.31	0.011	0.74	< 0.005	4.95	< 0.1	< 0.01	23.5	0.10	0.246	< 0.01	0.05	< 0.01	17.2	0.04	< 0.005	< 0.01
A0971809	< 2	< 5	< 5	1.00	< 0.01	< 0.001	3.43	0.011	0.65	< 0.005	6.12	< 0.1	< 0.01	20.7	0.14	0.213	< 0.01	0.02	< 0.01	15.3	0.05	< 0.005	< 0.01
A0971810	< 2	< 5	6	0.71	< 0.01	< 0.001	3.13	0.011	0.73	< 0.005	5.91	< 0.1	< 0.01	21.0	0.14	0.224	< 0.01	< 0.01	< 0.01	15.8	0.03	< 0.005	< 0.01
A0971811	< 2	< 5	< 5	7.53	< 0.01	< 0.001	3.62	< 0.002	0.04	< 0.005	2.90	2.3	< 0.01	2.17	0.05	0.015	< 0.01	0.03	< 0.01	29.2	0.22	< 0.005	< 0.01
A0971812	< 2	< 5	< 5	0.73	< 0.01	< 0.001	2.14	0.012	0.87	< 0.005	7.00	< 0.1	< 0.01	22.1	0.12	0.269	< 0.01	0.02	< 0.01	17.6	0.03	< 0.005	< 0.01
A0971813	< 2	< 5	< 5	0.50	< 0.01	< 0.001	5.08	0.011	0.66	< 0.005	5.72	< 0.1	< 0.01	20.6	0.13	0.218	< 0.01	0.02	< 0.01	14.2	0.03	< 0.005	< 0.01
A0971814	< 2	< 5	< 5	0.51	< 0.01	< 0.001	4.20	0.012	0.76	< 0.005	5.75	< 0.1	< 0.01	20.3	0.13	0.230	< 0.01	0.03	< 0.01	14.8	0.03	< 0.005	< 0.01
A0971815	< 2	< 5	< 5	0.51	< 0.01	< 0.001	4.45	0.011	0.76	< 0.005	5.91	< 0.1	< 0.01	20.2	0.11	0.224	< 0.01	< 0.01	< 0.01	15.3	0.03	< 0.005	< 0.01
A0971816	< 2	< 5	< 5	0.58	< 0.01	< 0.001	6.12	0.010	0.74	< 0.005	5.55	< 0.1	< 0.01	19.8	0.11	0.214	< 0.01	0.02	< 0.01	14.3	0.04	< 0.005	< 0.01
A0971817	< 2	< 5	< 5	0.53	< 0.01	< 0.001	4.27	0.012	0.81	< 0.005	6.08	< 0.1	< 0.01	21.0	0.07	0.232	< 0.01	0.02	< 0.01	15.3	0.03	< 0.005	< 0.01
A0971818	< 2	< 5	< 5	0.58	< 0.01	< 0.001	3.10	0.012	0.81	< 0.005	5.87	< 0.1	< 0.01	22.5	0.07	0.234	< 0.01	0.04	< 0.01	16.0	0.03	< 0.005	< 0.01
A0971819	< 2	< 5	< 5	0.48	< 0.01	< 0.001	5.41	0.011	0.72	< 0.005	5.62	< 0.1	< 0.01	20.8	0.09	0.235	< 0.01	0.06	< 0.01	14.1	0.02	< 0.005	< 0.01
A0971820	< 2	< 5	10	0.64	< 0.01	< 0.001	1.91	0.011	0.75	< 0.005	5.56	< 0.1	< 0.01	22.7	0.08	0.235	< 0.01	0.05	< 0.01	15.5	0.03	< 0.005	< 0.01
A0971821	4	< 5	< 5	0.77	< 0.01	< 0.001	2.36	0.012	0.69	< 0.005	6.56	< 0.1	< 0.01	22.1	0.09	0.226	< 0.01	0.04	< 0.01	16.0	0.04	< 0.005	< 0.01
A0971822	3	< 5	< 5	0.76	< 0.01	< 0.001	2.21	0.012	0.72	< 0.005	6.56	< 0.1	< 0.01	21.8	0.09	0.216	< 0.01	0.03	< 0.01	16.0	0.04	< 0.005	< 0.01
A0971823	< 2	< 5	< 5	0.64	< 0.01	< 0.001	2.68	0.011	0.71	< 0.005	5.37	< 0.1	< 0.01	22.4	0.09	0.219	< 0.01	0.03	< 0.01	15.9	0.03	< 0.005	< 0.01
A0971824	2	< 5	< 5	0.64	< 0.01	< 0.001	2.61	0.011	0.72	< 0.005	5.94	< 0.1	< 0.01	22.2	0.09	0.221	< 0.01	0.03	< 0.01	15.8	0.03	< 0.005	< 0.01
A0971825	< 2	< 5	< 5	0.56	< 0.01	< 0.001	3.69	0.011	0.68	< 0.005	5.43	< 0.1	< 0.01	22.1	0.10	0.226	< 0.01	0.04	< 0.01	15.2	0.03	< 0.005	< 0.01
A0971826	7	< 5	< 5	0.55	< 0.01	< 0.001	3.20	0.011	0.67	< 0.005	5.76	< 0.1	< 0.01	22.7	0.09	0.230	< 0.01	0.04	< 0.01	15.7	0.03	< 0.005	< 0.01
A0971827	< 2	< 5	< 5	0.58	< 0.01	< 0.001	2.60	0.012	0.73	< 0.005	6.18	< 0.1	< 0.01	22.5	0.09	0.236	< 0.01	0.04	< 0.01	15.6	0.03	< 0.005	< 0.01
A0971828	< 2	< 5	5	0.57	< 0.01	< 0.001	2.71	0.011	0.73	< 0.005	5.60	< 0.1	< 0.01	23.2	0.09	0.241	< 0.01	0.04	< 0.01	15.5	0.03	< 0.005	< 0.01
A0971829	< 2	< 5	6	0.65	< 0.01	< 0.001	1.34	0.011	0.78	< 0.005	5.45	< 0.1	< 0.01	23.6	0.09	0.248	< 0.01	0.03	< 0.01	16.3	0.03	< 0.005	< 0.01
A0971830	3	< 5	8	0.51	< 0.01	< 0.001	1.21	0.011	0.81	< 0.005	5.81	< 0.1	< 0.01	23.9	0.10	0.251	< 0.01	0.03	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971831	< 2	< 5	< 5	0.48	< 0.01	< 0.001	1.43	0.011	0.75	< 0.005	5.94	< 0.1	< 0.01	23.7	0.10	0.238	< 0.01	0.03	< 0.01	15.9	0.02	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4760	2040	1240																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1820	1640	228																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971802 Orig				0.78	< 0.01	< 0.001	1.10	0.011	0.68	< 0.005	6.31	< 0.1	< 0.01	22.9	0.08	0.231	< 0.01	0.05	< 0.01	16.5	0.04	< 0.005	< 0.01
A0971802 Dup				0.80	< 0.01	< 0.001	1.13	0.012	0.73	< 0.005	6.40	< 0.1	< 0.01	23.0	0.08	0.232	< 0.01	0.04	< 0.01	16.5	0.04	< 0.005	< 0.01
A0971806 Orig	< 2	< 5	9																				
A0971806 Dup	< 2	< 5	< 5																				
A0971810 Orig				0.72	< 0.01	< 0.001	3.12	0.011	0.73	< 0.005	5.88	< 0.1	< 0.01	20.9	0.14	0.220	< 0.01	< 0.01	< 0.01	15.8	0.03	< 0.005	< 0.01
A0971810 Dup				0.71	< 0.01	< 0.001	3.14	0.011	0.73	< 0.005	5.95	< 0.1	< 0.01	21.2	0.14	0.228	< 0.01	0.01	< 0.01	15.7	0.03	< 0.005	< 0.01
A0971816 Orig	< 2	< 5	< 5																				
A0971816 Dup	< 2	< 5	< 5																				
A0971825 Orig				0.56	< 0.01	< 0.001	3.76	0.011	0.67	< 0.005	5.46	< 0.1	< 0.01	22.3	0.10	0.234	< 0.01	0.04	< 0.01	15.3	0.03	< 0.005	< 0.01
A0971825 Dup				0.56	< 0.01	< 0.001	3.62	0.011	0.68	< 0.005	5.40	< 0.1	< 0.01	21.9	0.09	0.219	< 0.01	0.03	< 0.01	15.2	0.03	< 0.005	< 0.01
A0971826 Orig	4	< 5	< 5																				
A0971826 Dup	10	< 5	10																				
A0971831 Orig				0.48	< 0.01	< 0.001	1.45	0.011	0.73	< 0.005	5.85	< 0.1	< 0.01	23.7	0.10	0.241	< 0.01	0.03	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971831 Dup				0.49	< 0.01	< 0.001	1.41	0.012	0.76	< 0.005	6.04	< 0.1	< 0.01	23.7	0.10	0.235	< 0.01	0.02	< 0.01	15.9	0.02	< 0.005	< 0.01
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.: **A20-05972**
Report Date: **25-Jun-20**
Date Submitted: **09-Jun-20**
Your Reference: **Crawford (CR20-C-A152)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-24 14:55:49
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-06-15 08:46:08

REPORT **A20-05972**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971832	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.15	0.013	0.68	< 0.005	6.10	< 0.1	< 0.01	25.8	0.09	0.242	< 0.01	0.02	< 0.01	15.7	0.02	< 0.005	< 0.01
A0971833	< 2	< 5	< 5	0.46	< 0.01	< 0.001	0.49	0.016	0.97	0.015	6.66	< 0.1	< 0.01	24.0	0.11	0.327	0.04	0.04	< 0.01	14.7	0.02	< 0.005	< 0.01
A0971834	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.05	0.013	0.92	< 0.005	6.31	< 0.1	< 0.01	23.6	0.09	0.253	< 0.01	0.04	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971835	4	< 5	< 5	0.47	< 0.01	< 0.001	0.10	0.015	0.93	< 0.005	6.96	< 0.1	< 0.01	22.8	0.09	0.251	0.03	0.06	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971836	12	< 5	< 5	0.34	< 0.01	< 0.001	0.16	0.009	0.10	< 0.005	3.95	< 0.1	< 0.01	24.5	0.06	0.262	0.02	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971837	7	< 5	< 5	0.48	< 0.01	< 0.001	2.08	0.012	0.80	0.007	7.12	< 0.1	< 0.01	22.1	0.09	0.242	< 0.01	0.05	< 0.01	15.2	0.02	< 0.005	< 0.01
A0971838	11	< 5	< 5	0.48	< 0.01	< 0.001	2.12	0.013	0.87	0.011	7.29	< 0.1	< 0.01	22.1	0.10	0.241	< 0.01	0.05	< 0.01	14.3	0.02	< 0.005	< 0.01
A0971839	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.75	0.013	0.81	0.010	5.94	< 0.1	< 0.01	24.1	0.09	0.241	0.02	0.06	< 0.01	15.4	0.02	< 0.005	< 0.01
A0971840	< 2	< 5	< 5	0.38	< 0.01	< 0.001	0.21	0.013	0.73	0.009	6.59	< 0.1	< 0.01	22.6	0.10	0.232	0.01	0.06	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971841	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.27	0.013	0.76	0.011	6.57	< 0.1	< 0.01	23.7	0.10	0.230	< 0.01	0.06	< 0.01	15.8	0.02	< 0.005	< 0.01
A0971842	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.19	0.013	0.75	< 0.005	5.74	< 0.1	< 0.01	24.0	0.10	0.233	0.01	0.04	< 0.01	15.8	0.02	< 0.005	< 0.01
A0971843	< 2	< 5	< 5	0.40	< 0.01	< 0.001	< 0.01	0.012	0.76	< 0.005	5.48	< 0.1	< 0.01	23.7	0.09	0.230	< 0.01	0.02	< 0.01	15.8	0.02	< 0.005	< 0.01
A0971844	< 2	< 5	< 5	0.40	< 0.01	< 0.001	< 0.01	0.013	0.80	0.006	6.15	< 0.1	< 0.01	25.2	0.09	0.240	0.02	0.03	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971845	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.01	0.012	0.79	0.005	5.90	< 0.1	< 0.01	24.5	0.08	0.240	0.02	0.05	< 0.01	14.6	0.02	< 0.005	< 0.01
A0971846	< 2	< 5	< 5	7.52	< 0.01	< 0.001	4.16	0.003	0.02	< 0.005	4.21	1.8	< 0.01	1.98	0.08	< 0.005	< 0.01	< 0.01	< 0.01	24.6	0.32	< 0.005	< 0.01
A0971847	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.40	0.013	0.67	0.009	6.43	< 0.1	< 0.01	25.4	0.10	0.221	0.02	0.04	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971848	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.13	0.012	0.75	0.006	5.63	< 0.1	< 0.01	23.8	0.09	0.235	0.02	0.04	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971849	< 2	< 5	< 5	0.34	< 0.01	< 0.001	< 0.01	0.013	0.69	< 0.005	5.58	< 0.1	< 0.01	20.4	0.09	0.238	< 0.01	0.03	< 0.01	17.0	0.02	< 0.005	< 0.01
A0971850	< 2	< 5	< 5	0.34	< 0.01	< 0.001	< 0.01	0.013	0.72	0.008	6.10	< 0.1	< 0.01	24.5	0.10	0.245	0.02	0.03	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971851	< 2	< 5	< 5	0.36	< 0.01	< 0.001	< 0.01	0.014	0.70	< 0.005	6.22	< 0.1	< 0.01	24.3	0.09	0.243	0.02	0.02	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971852	< 2	< 5	< 5	0.37	< 0.01	< 0.001	0.07	0.013	0.68	0.008	5.97	< 0.1	< 0.01	24.0	0.09	0.248	0.01	0.04	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971853	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.26	0.011	0.68	0.008	5.68	< 0.1	< 0.01	23.8	0.09	0.237	0.01	0.05	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971854	< 2	< 5	< 5	0.39	< 0.01	< 0.001	< 0.01	0.013	0.67	0.013	5.79	< 0.1	< 0.01	25.1	0.09	0.248	0.02	0.03	< 0.01	15.5	0.02	< 0.005	< 0.01
A0971855	< 2	< 5	< 5	0.37	< 0.01	< 0.001	< 0.01	0.014	0.70	0.014	6.07	< 0.1	< 0.01	25.3	0.09	0.255	< 0.01	0.01	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971856	< 2	< 5	< 5	0.36	< 0.01	< 0.001	< 0.01	0.013	0.59	0.019	6.14	< 0.1	< 0.01	24.2	0.09	0.244	0.01	0.05	< 0.01	15.5	0.02	< 0.005	< 0.01
A0971857	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.12	0.013	0.68	0.021	6.07	< 0.1	< 0.01	24.8	0.09	0.251	0.03	0.04	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971858	< 2	< 5	< 5	0.32	< 0.01	< 0.001	< 0.01	0.013	0.72	0.035	5.89	< 0.1	< 0.01	24.3	0.09	0.252	0.02	0.06	< 0.01	16.2	0.01	< 0.005	< 0.01
A0971859	< 2	< 5	< 5	0.34	< 0.01	< 0.001	0.02	0.012	0.67	0.011	5.65	< 0.1	< 0.01	24.8	0.09	0.245	0.02	0.05	< 0.01	17.1	0.02	< 0.005	< 0.01
A0971860	< 2	< 5	< 5	0.31	< 0.01	< 0.001	< 0.01	0.014	0.65	0.013	6.45	< 0.1	< 0.01	24.0	0.09	0.249	0.02	0.05	< 0.01	15.4	0.02	< 0.005	< 0.01
A0971861	< 2	< 5	< 5	0.34	< 0.01	< 0.001	< 0.01	0.012	0.63	0.009	5.99	< 0.1	< 0.01	23.4	0.09	0.268	0.03	0.05	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971862	< 2	< 5	< 5	0.26	< 0.01	< 0.001	< 0.01	0.012	0.48	0.006	5.54	< 0.1	< 0.01	25.2	0.09	0.259	0.01	0.07	< 0.01	16.2	0.01	< 0.005	< 0.01
A0971863	< 2	< 5	< 5	0.21	< 0.01	< 0.001	< 0.01	0.013	0.49	< 0.005	5.69	< 0.1	< 0.01	24.8	0.10	0.251	< 0.01	0.01	< 0.01	15.2	0.01	< 0.005	< 0.01
A0971864	< 2	< 5	< 5	0.38	< 0.01	< 0.001	< 0.01	0.012	0.67	0.005	6.02	< 0.1	< 0.01	24.4	0.09	0.244	< 0.01	0.04	< 0.01	14.6	0.02	< 0.005	< 0.01
A0971865	< 2	< 5	< 5	0.47	< 0.01	< 0.001	0.14	0.013	0.73	0.006	6.10	< 0.1	< 0.01	22.8	0.09	0.238	0.01	0.03	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971866	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.08	0.013	0.75	< 0.005	5.94	< 0.1	< 0.01	25.3	0.10	0.234	0.01	0.02	< 0.01	15.9	0.02	< 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
PTM-1a Meas					0.22			2.09		25.6						49.3		22.5					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.70														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			< 0.01	0.013	1.55	< 0.005				29.9	0.08	0.348	< 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
Oreas 74a (Fusion) Meas					< 0.01			0.059	0.18	0.124	14.0					3.10		7.91		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.160	0.08	0.414	33.3					9.94		26.0		6.20			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.012		0.145	12.3							19.5	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											43.2				0.27					4.42	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.37			5.89		1.08		8.67	2.2		2.93	0.13			1.18		21.8	0.69		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									0.007	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.07						0.125	6.91			0.07			65.4						5.97
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.08	0.03			0.013		0.408							0.17	34.7		0.31			57.0
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.66	< 0.01	< 0.001	1.97	0.003	< 0.01	0.381	3.78	2.2		0.52	0.06		1.35	4.54	0.01	27.3	0.18	< 0.005	5.31
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.11			0.031		22.2	31.1			0.71	< 0.01		0.67	34.9	< 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	4860	1990	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1960	1680	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971834 Orig				0.47	< 0.01	< 0.001	0.05	0.014	0.92	0.017	6.31	< 0.1	< 0.01	24.4	0.10	0.261	0.02	0.05	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971834 Dup				0.47	< 0.01	< 0.001	0.06	0.013	0.92	< 0.005	6.31	< 0.1	< 0.01	22.9	0.09	0.246	< 0.01	0.04	< 0.01	15.1	0.02	< 0.005	< 0.01
A0971841 Orig	< 2	< 5	< 5																				
A0971841 Dup	< 2	< 5	< 5																				
A0971842 Orig				0.36	< 0.01	< 0.001	0.15	0.013	0.73	< 0.005	5.70	< 0.1	< 0.01	24.0	0.10	0.233	0.02	0.03	< 0.01	15.4	0.02	< 0.005	< 0.01
A0971842 Dup				0.38	< 0.01	< 0.001	0.23	0.013	0.77	< 0.005	5.78	< 0.1	< 0.01	24.1	0.10	0.233	0.01	0.05	< 0.01	16.1	0.02	< 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
A0971851 Orig	< 2	< 5	< 5																				
A0971851 Dup	2	< 5	< 5																				
A0971861 Orig	< 2	< 5	< 5																				
A0971861 Dup	< 2	< 5	< 5																				
Method Blank				< 0.01	< 0.01	< 0.001	0.03	< 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	0.02
Method Blank				< 0.01	< 0.01	< 0.001	0.03	< 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	0.02
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05974**
Report Date: **24-Jun-20**
Date Submitted: **09-Jun-20**
Your Reference: **Crawford (CR20-C-A153)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-23 13:03:45
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-06-16 13:03:22

REPORT **A20-05974**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0971867	< 2	< 5	< 5	0.35	< 0.01	< 0.001	< 0.01	0.013	0.77	< 0.005	6.40	< 0.1	< 0.01	24.7	0.10	0.251	0.01	0.02	< 0.01	15.5	0.02	< 0.005	< 0.01
A0971868	< 2	< 5	< 5	0.35	< 0.01	< 0.001	< 0.01	0.012	0.81	< 0.005	5.71	< 0.1	< 0.01	24.8	0.10	0.263	0.02	0.02	< 0.01	15.4	0.02	< 0.005	0.01
A0971869	< 2	< 5	< 5	0.33	< 0.01	< 0.001	< 0.01	0.012	0.78	< 0.005	5.72	< 0.1	< 0.01	25.0	0.09	0.254	0.03	< 0.01	< 0.01	15.7	0.02	< 0.005	< 0.01
A0971870	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.012	0.67	< 0.005	5.81	< 0.1	< 0.01	24.7	0.10	0.257	0.02	0.02	< 0.01	15.6	0.02	< 0.005	0.01
A0971871	12	< 5	< 5	0.32	< 0.01	< 0.001	0.22	0.008	0.10	< 0.005	3.86	< 0.1	< 0.01	24.9	0.06	0.276	0.02	0.05	< 0.01	15.8	0.02	< 0.005	< 0.01
A0971872	< 2	< 5	< 5	0.47	< 0.01	< 0.001	< 0.01	0.012	0.63	< 0.005	5.71	< 0.1	0.02	24.5	0.10	0.247	0.01	< 0.01	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971873	< 2	< 5	< 5	0.32	< 0.01	< 0.001	< 0.01	0.013	0.73	< 0.005	6.17	< 0.1	< 0.01	25.5	0.09	0.289	0.03	0.02	< 0.01	15.7	0.02	< 0.005	< 0.01
A0971874	< 2	< 5	< 5	0.31	< 0.01	< 0.001	< 0.01	0.013	0.67	< 0.005	5.94	< 0.1	< 0.01	24.4	0.10	0.255	0.03	0.01	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971875	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.012	0.67	< 0.005	6.04	< 0.1	< 0.01	23.1	0.09	0.261	0.02	< 0.01	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971876	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.012	0.68	< 0.005	6.10	< 0.1	< 0.01	24.8	0.10	0.262	0.03	< 0.01	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971877	< 2	< 5	< 5	0.30	< 0.01	< 0.001	< 0.01	0.012	0.63	< 0.005	5.87	< 0.1	< 0.01	24.6	0.09	0.256	0.01	< 0.01	< 0.01	15.8	0.02	< 0.005	< 0.01
A0971878	< 2	< 5	< 5	0.35	< 0.01	< 0.001	< 0.01	0.011	0.67	< 0.005	6.08	< 0.1	< 0.01	24.5	0.09	0.256	0.03	< 0.01	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971879	< 2	< 5	< 5	0.36	< 0.01	< 0.001	< 0.01	0.012	0.69	< 0.005	5.64	< 0.1	< 0.01	24.3	0.09	0.257	0.02	0.02	< 0.01	15.6	0.02	< 0.005	0.01
A0971880	6	< 5	< 5	0.35	< 0.01	< 0.001	< 0.01	0.012	0.63	< 0.005	5.84	< 0.1	< 0.01	24.3	0.09	0.259	0.01	0.05	< 0.01	14.9	0.02	< 0.005	< 0.01
A0971881	< 2	< 5	< 5	6.54	< 0.01	< 0.001	4.45	0.002	0.01	< 0.005	3.67	1.4	< 0.01	1.97	0.06	0.007	0.03	< 0.01	< 0.01	27.7	0.29	< 0.005	< 0.01
A0971882	< 2	< 5	< 5	0.24	< 0.01	< 0.001	< 0.01	0.013	0.67	< 0.005	5.83	< 0.1	< 0.01	24.9	0.09	0.280	0.02	0.03	< 0.01	15.6	0.01	< 0.005	< 0.01
A0971883	< 2	< 5	< 5	0.29	< 0.01	< 0.001	< 0.01	0.012	0.67	< 0.005	5.85	< 0.1	< 0.01	24.4	0.09	0.260	0.02	0.02	< 0.01	15.4	0.01	< 0.005	< 0.01
A0971884	< 2	< 5	< 5	0.29	< 0.01	< 0.001	< 0.01	0.012	0.65	< 0.005	5.92	< 0.1	< 0.01	24.6	0.09	0.268	0.02	0.01	< 0.01	15.5	0.01	< 0.005	< 0.01
A0971885	< 2	< 5	< 5	0.25	< 0.01	< 0.001	< 0.01	0.013	0.64	0.010	5.94	< 0.1	< 0.01	24.1	0.09	0.261	0.02	0.01	< 0.01	14.3	0.01	< 0.005	< 0.01
A0971886	< 2	< 5	< 5	0.26	< 0.01	< 0.001	< 0.01	0.012	0.64	< 0.005	5.63	< 0.1	< 0.01	24.7	0.09	0.261	0.01	< 0.01	< 0.01	15.6	0.01	< 0.005	< 0.01
A0971887	< 2	< 5	< 5	0.24	< 0.01	< 0.001	< 0.01	0.011	0.60	< 0.005	5.82	< 0.1	< 0.01	23.8	0.09	0.260	0.02	< 0.01	< 0.01	14.5	0.01	< 0.005	< 0.01
A0971888	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.21	0.012	0.61	< 0.005	5.97	< 0.1	< 0.01	25.8	0.09	0.272	0.02	0.03	< 0.01	17.4	0.01	< 0.005	< 0.01
A0971889	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.11	0.012	0.57	< 0.005	5.62	< 0.1	< 0.01	24.8	0.09	0.263	0.03	< 0.01	< 0.01	15.6	0.01	< 0.005	< 0.01
A0971890	< 2	< 5	< 5	0.22	< 0.01	< 0.001	0.21	0.012	0.46	< 0.005	6.38	< 0.1	< 0.01	24.6	0.09	0.263	0.01	0.03	< 0.01	16.6	0.01	< 0.005	< 0.01
A0971891	< 2	8	< 5	0.19	< 0.01	< 0.001	0.15	0.012	0.47	< 0.005	5.76	< 0.1	< 0.01	25.5	0.09	0.268	0.02	< 0.01	< 0.01	16.1	0.01	< 0.005	< 0.01
A0971892	< 2	< 5	< 5	0.17	< 0.01	< 0.001	0.13	0.012	0.42	< 0.005	5.33	< 0.1	< 0.01	24.5	0.08	0.271	0.02	0.04	< 0.01	16.3	< 0.01	< 0.005	< 0.01
A0971893	< 2	< 5	< 5	0.16	< 0.01	< 0.001	0.07	0.011	0.39	< 0.005	5.66	< 0.1	< 0.01	25.5	0.09	0.285	0.03	0.01	< 0.01	16.2	< 0.01	< 0.005	< 0.01
A0971894	< 2	< 5	< 5	0.14	< 0.01	< 0.001	0.03	0.012	0.37	0.036	5.79	< 0.1	< 0.01	25.7	0.09	0.281	0.02	0.06	< 0.01	16.9	< 0.01	< 0.005	< 0.01
A0971895	< 2	< 5	< 5	0.17	< 0.01	< 0.001	0.20	0.012	0.36	< 0.005	5.65	< 0.1	< 0.01	26.1	0.09	0.267	0.02	0.02	< 0.01	16.7	0.01	< 0.005	< 0.01
A0971896	< 2	< 5	< 5	0.15	< 0.01	< 0.001	0.23	0.012	0.41	< 0.005	5.53	< 0.1	< 0.01	25.8	0.09	0.278	0.02	< 0.01	< 0.01	16.9	< 0.01	< 0.005	< 0.01
A0971897	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.18	0.011	0.41	< 0.005	5.73	< 0.1	< 0.01	26.2	0.09	0.273	0.03	0.07	< 0.01	16.9	0.01	< 0.005	< 0.01
A0971898	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.15	0.011	0.54	< 0.005	5.79	< 0.1	< 0.01	25.7	0.09	0.286	0.01	0.02	< 0.01	16.7	< 0.01	< 0.005	< 0.01
A0971899	< 2	< 5	< 5	0.20	< 0.01	< 0.001	0.09	0.011	0.52	< 0.005	5.33	< 0.1	< 0.01	25.6	0.09	0.268	0.02	< 0.01	< 0.01	15.5	0.01	< 0.005	< 0.01
A0971900	< 2	< 5	< 5	0.19	< 0.01	< 0.001	0.13	0.012	0.52	< 0.005	5.46	< 0.1	< 0.01	25.1	0.08	0.278	0.03	< 0.01	< 0.01	16.4	0.01	< 0.005	< 0.01
A0971901	< 2	< 5	< 5	0.29	< 0.01	< 0.001	0.11	0.011	0.52	< 0.005	5.44	< 0.1	< 0.01	26.9	0.09	0.274	0.03	0.01	< 0.01	16.7	0.02	< 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
PTM-1a Meas					0.22			2.12		24.3						46.2		23.9					
PTM-1a Cert					0.220			2.05		24.96						47.44		22.4					
CD-1 Meas					0.68														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			0.12	0.014	1.62	< 0.005				31.4	0.08	0.388	0.02		< 0.01	19.2			< 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
Oreas 74a (Fusion) Meas					< 0.01			0.056	0.17	0.115	13.7					3.17		7.45		15.2			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					< 0.01			0.163	0.08	0.425	32.4					11.0		26.4		6.23			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.132	12.2							21.5	0.01				18.8
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.19		2.46			3.10	8.23			0.03			2.09	13.2		15.8		0.109	17.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.1				0.27					4.64	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
OREAS 13b (fusion) Meas				8.57			5.64		1.06		8.48	2.2		3.03	0.12			1.18		22.6	0.68		
OREAS 13b (fusion) Cert				8.41			5.57		1.08		8.41	2.30		3.01	0.130			1.19		22.9	0.711		
NCS DC86304 Meas													1.06									< 0.005	
NCS DC86304 Cert													1.06									0.004	
CPB-2 Meas				0.06						0.123	6.92			0.10			65.7						6.14
CPB-2 Cert				0.074						0.1213	7.065			0.0683			63.52						6.04
CZN-4 Meas				0.06	0.03			0.009		0.398							0.17	32.0		0.28			53.0
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
OREAS 621 (Peroxide Fusion) Meas				6.65	< 0.01	< 0.001	1.88	0.003	< 0.01	0.363	3.71	2.1		0.51	0.05		1.28	4.35	0.01	26.7	0.19	< 0.005	5.06
OREAS 621 (Peroxide Fusion) Cert				6.63	0.009	0.0002	2.00	0.003	0.005	0.368	3.71	2.23		0.516	0.06		1.33	4.51	0.0146	28.1	0.181	0.0003	5.22
CCU-1e Meas				0.13	0.11			0.031		22.3	31.2			0.72	< 0.01		0.68	35.6	< 0.01				2.97
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	4670	2030	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	2020	1730	232																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971869 Orig				0.34	< 0.01	< 0.001	< 0.01	0.012	0.80	< 0.005	5.77	< 0.1	< 0.01	25.5	0.09	0.254	0.03	0.01	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971869 Dup				0.33	< 0.01	< 0.001	< 0.01	0.012	0.76	< 0.005	5.68	< 0.1	< 0.01	24.6	0.09	0.254	0.02	< 0.01	< 0.01	15.4	0.02	< 0.005	< 0.01
A0971876 Orig	3	< 5	< 5																				
A0971876 Dup	< 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
A0971877 Orig				0.29	< 0.01	< 0.001	< 0.01	0.013	0.62	< 0.005	5.86	< 0.1	< 0.01	24.6	0.09	0.258	0.01	0.01	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971877 Dup				0.30	< 0.01	< 0.001	< 0.01	0.012	0.65	< 0.005	5.87	< 0.1	< 0.01	24.6	0.09	0.254	0.01	< 0.01	< 0.01	15.6	0.02	< 0.005	< 0.01
A0971886 Orig	< 2	< 5	< 5																				
A0971886 Dup	3	< 5	< 5																				
A0971896 Orig	< 2	< 5	< 5																				
A0971896 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	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06022**
Report Date: **24-Jun-20**
Date Submitted: **11-Jun-20**
Your Reference: **Crawford (CR20-C-A154)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-23 13:03:45

REPORT **A20-06022**

Notes:

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.: **A20-06022**
Report Date: **24-Jun-20**
Date Submitted: **11-Jun-20**
Your Reference: **Crawford (CR20-C-A154)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-18 07:55:49

REPORT **A20-06022**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0971902	39	< 5	47	0.19	< 0.01	< 0.001	0.13	0.012	0.42	< 0.005	5.51	< 0.1	< 0.01	25.6	0.09	0.276	< 0.01	0.03	< 0.01	16.5	< 0.01	< 0.005	< 0.01
A0971903	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.13	0.012	0.35	< 0.005	6.57	< 0.1	< 0.01	25.5	0.09	0.260	< 0.01	0.05	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971904	< 2	< 5	5	0.69	< 0.01	< 0.001	0.49	0.011	0.33	0.006	5.81	< 0.1	< 0.01	24.7	0.09	0.238	< 0.01	0.04	< 0.01	16.5	0.07	< 0.005	< 0.01
A0971905	< 2	< 5	< 5	1.09	< 0.01	< 0.001	0.82	0.011	0.35	0.008	5.55	< 0.1	< 0.01	23.5	0.08	0.236	< 0.01	0.03	< 0.01	17.4	0.10	< 0.005	< 0.01
A0971906	10	< 5	< 5	0.33	< 0.01	< 0.001	0.33	0.009	0.11	< 0.005	4.10	< 0.1	< 0.01	25.7	0.06	0.278	< 0.01	0.07	< 0.01	16.7	0.02	< 0.005	< 0.01
A0971907	2	< 5	< 5	0.20	< 0.01	< 0.001	0.12	0.011	0.41	0.005	5.30	< 0.1	< 0.01	25.6	0.09	0.274	< 0.01	0.04	< 0.01	16.6	< 0.01	< 0.005	< 0.01
A0971908	< 2	< 5	< 5	0.31	< 0.01	< 0.001	0.13	0.012	0.58	< 0.005	5.89	< 0.1	< 0.01	25.4	0.08	0.267	< 0.01	0.04	< 0.01	16.3	0.01	< 0.005	< 0.01
A0971909	< 2	< 5	< 5	0.32	< 0.01	< 0.001	0.15	0.011	0.68	< 0.005	5.54	< 0.1	< 0.01	25.5	0.08	0.274	< 0.01	0.06	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971910	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.15	0.012	0.65	< 0.005	5.44	< 0.1	< 0.01	25.9	0.09	0.284	< 0.01	0.05	< 0.01	16.6	0.01	< 0.005	< 0.01
A0971911	< 2	< 5	< 5	0.27	< 0.01	< 0.001	0.15	0.012	0.67	< 0.005	5.34	< 0.1	< 0.01	25.8	0.09	0.298	< 0.01	0.04	< 0.01	16.6	0.01	< 0.005	< 0.01
A0971912	< 2	< 5	< 5	0.26	< 0.01	< 0.001	0.12	0.013	0.70	< 0.005	6.11	< 0.1	< 0.01	25.5	0.09	0.281	< 0.01	0.04	< 0.01	16.0	0.01	< 0.005	< 0.01
A0971913	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.04	0.012	0.71	< 0.005	5.78	< 0.1	< 0.01	25.8	0.08	0.271	< 0.01	0.02	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971914	< 2	5	< 5	0.22	< 0.01	< 0.001	0.07	0.012	0.73	< 0.005	6.05	< 0.1	< 0.01	25.7	0.09	0.278	< 0.01	0.03	< 0.01	15.8	< 0.01	< 0.005	< 0.01
A0971915	< 2	< 5	6	0.21	< 0.01	< 0.001	< 0.01	0.012	0.76	< 0.005	5.77	< 0.1	< 0.01	26.2	0.09	0.279	< 0.01	0.03	< 0.01	15.6	< 0.01	< 0.005	< 0.01
A0971916	< 2	< 5	< 5	6.54	< 0.01	< 0.001	4.84	0.003	0.05	< 0.005	3.98	1.6	< 0.01	2.81	0.07	0.016	< 0.01	0.04	< 0.01	28.0	0.34	< 0.005	< 0.01
A0971917	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.07	0.012	0.77	< 0.005	5.41	< 0.1	< 0.01	26.1	0.09	0.293	< 0.01	0.04	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971918	8	37	60	0.26	< 0.01	< 0.001	0.03	0.012	0.87	< 0.005	5.73	< 0.1	< 0.01	25.6	0.09	0.314	< 0.01	0.04	< 0.01	15.7	0.01	< 0.005	< 0.01
A0971919	58	28	74	0.27	< 0.01	< 0.001	0.08	0.013	0.82	< 0.005	5.57	< 0.1	< 0.01	26.1	0.09	0.328	< 0.01	0.04	< 0.01	15.8	0.01	< 0.005	< 0.01
A0971920	156	387	85	0.28	< 0.01	< 0.001	0.04	0.015	0.80	0.006	6.95	< 0.1	< 0.01	25.6	0.09	0.465	< 0.01	0.10	< 0.01	15.3	0.01	< 0.005	< 0.01
A0971921	4	59	11	0.30	< 0.01	< 0.001	0.07	0.015	0.84	0.013	6.15	< 0.1	< 0.01	25.2	0.09	0.436	< 0.01	0.10	< 0.01	15.8	0.01	< 0.005	< 0.01
A0971922	4	80	33	0.29	< 0.01	< 0.001	0.04	0.014	0.69	0.006	6.03	< 0.1	< 0.01	25.7	0.09	0.288	< 0.01	0.06	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971923	4	127	50	0.34	< 0.01	< 0.001	0.08	0.014	0.68	0.007	6.41	< 0.1	< 0.01	25.1	0.09	0.288	< 0.01	0.06	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971924	3	53	26	0.35	< 0.01	< 0.001	0.05	0.014	0.69	< 0.005	6.33	< 0.1	< 0.01	24.9	0.09	0.245	< 0.01	0.04	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971925	< 2	< 5	8	0.33	< 0.01	< 0.001	0.01	0.013	0.65	< 0.005	6.20	< 0.1	< 0.01	25.8	0.10	0.250	< 0.01	0.05	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971926	< 2	< 5	7	0.35	< 0.01	< 0.001	0.06	0.014	0.64	< 0.005	6.99	< 0.1	< 0.01	25.1	0.10	0.248	< 0.01	0.04	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971927	< 2	6	< 5	0.41	< 0.01	< 0.001	0.05	0.014	0.61	< 0.005	7.62	< 0.1	< 0.01	24.4	0.10	0.236	< 0.01	0.05	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971928	< 2	< 5	< 5	0.40	< 0.01	< 0.001	0.07	0.013	0.62	< 0.005	6.70	< 0.1	< 0.01	24.9	0.11	0.217	< 0.01	0.04	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971929	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.06	0.013	0.62	< 0.005	6.70	< 0.1	< 0.01	24.8	0.10	0.228	< 0.01	0.04	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971930	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.10	0.013	0.56	< 0.005	7.14	< 0.1	< 0.01	24.2	0.10	0.224	< 0.01	0.04	< 0.01	16.2	0.03	< 0.005	< 0.01
A0971931	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.07	0.013	0.65	< 0.005	5.90	< 0.1	< 0.01	24.9	0.11	0.216	< 0.01	0.04	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971932	< 2	< 5	< 5	0.44	< 0.01	< 0.001	0.08	0.013	0.57	< 0.005	6.22	< 0.1	< 0.01	25.0	0.11	0.216	< 0.01	0.04	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971933	< 2	< 5	12	0.43	< 0.01	< 0.001	0.08	0.013	0.64	< 0.005	6.34	< 0.1	< 0.01	24.7	0.12	0.220	< 0.01	0.02	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971934	< 2	< 5	< 5	0.42	< 0.01	< 0.001	0.13	0.013	0.61	< 0.005	6.79	< 0.1	< 0.01	24.5	0.12	0.223	< 0.01	0.04	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971935	< 2	< 5	< 5	0.36	< 0.01	< 0.001	0.13	0.013	0.58	< 0.005	6.48	< 0.1	< 0.01	25.0	0.12	0.240	< 0.01	0.05	< 0.01	15.9	0.02	< 0.005	< 0.01
A0971936	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.22	0.012	0.56	< 0.005	6.22	< 0.1	< 0.01	24.8	0.11	0.215	< 0.01	0.02	< 0.01	16.3	0.02	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4430	2060	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1880	1740	220																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971911 Orig	< 2	< 5	< 5																				
A0971911 Dup	< 2	< 5	< 5																				
A0971917 Orig				0.24	< 0.01	< 0.001	0.05	0.012	0.78	< 0.005	5.43	< 0.1	< 0.01	26.0	0.09	0.293	< 0.01	0.04	< 0.01	15.9	< 0.01	< 0.005	< 0.01
A0971917 Dup				0.24	< 0.01	< 0.001	0.09	0.012	0.76	< 0.005	5.39	< 0.1	< 0.01	26.2	0.09	0.294	< 0.01	0.04	< 0.01	16.0	0.01	< 0.005	< 0.01
A0971921 Orig	4	58	11																				
A0971921 Dup	5	60	10																				
A0971923 Orig				0.34	< 0.01	< 0.001	0.09	0.014	0.68	0.006	6.36	< 0.1	< 0.01	24.9	0.09	0.284	< 0.01	0.06	< 0.01	16.0	0.02	< 0.005	< 0.01
A0971923 Dup				0.33	< 0.01	< 0.001	0.07	0.015	0.67	0.007	6.45	< 0.1	< 0.01	25.2	0.09	0.291	< 0.01	0.07	< 0.01	16.1	0.02	< 0.005	< 0.01
A0971931 Orig	< 2	< 5	< 5																				
A0971931 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	< 0.01	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06023**
Report Date: **24-Jun-20**
Date Submitted: **11-Jun-20**
Your Reference: **Crawford (CR20-C-B82)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-23 13:03:45

REPORT **A20-06023**

Notes:

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.: **A20-06023**
Report Date: **24-Jun-20**
Date Submitted: **11-Jun-20**
Your Reference: **Crawford (CR20-C-B82)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-18 07:55:49

REPORT **A20-06023**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0977902	15	< 5	9	0.65	< 0.01	< 0.001	0.13	0.012	0.69	< 0.005	5.89	< 0.1	< 0.01	24.6	0.10	0.260	< 0.01	0.03	< 0.01	16.6	0.03	< 0.005	< 0.01
A0977903	< 2	< 5	< 5	0.56	< 0.01	< 0.001	0.08	0.013	0.64	< 0.005	5.83	< 0.1	< 0.01	24.8	0.10	0.241	< 0.01	0.02	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977904	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.13	0.013	0.71	0.006	6.19	< 0.1	< 0.01	24.5	0.10	0.240	< 0.01	0.07	< 0.01	16.4	0.03	< 0.005	< 0.01
A0977905	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.06	0.012	0.63	0.005	7.46	< 0.1	< 0.01	23.9	0.08	0.240	< 0.01	0.02	< 0.01	16.3	0.04	< 0.005	< 0.01
A0977906	< 2	< 5	< 5	0.84	< 0.01	< 0.001	0.08	0.012	0.64	0.005	7.42	< 0.1	< 0.01	23.6	0.08	0.234	< 0.01	0.03	< 0.01	16.5	0.04	< 0.005	< 0.01
A0977907	2	< 5	< 5	0.64	< 0.01	< 0.001	0.12	0.013	0.69	0.006	5.72	< 0.1	< 0.01	24.7	0.10	0.236	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977908	6	< 5	< 5	0.59	< 0.01	< 0.001	0.11	0.013	0.70	< 0.005	6.74	< 0.1	< 0.01	24.2	0.10	0.242	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977909	3	21	5	0.60	< 0.01	< 0.001	0.16	0.013	0.69	0.005	6.59	< 0.1	< 0.01	24.3	0.10	0.246	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977910	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.11	0.013	0.70	< 0.005	6.43	< 0.1	< 0.01	24.2	0.10	0.245	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977911	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.13	0.013	0.75	0.006	6.13	< 0.1	< 0.01	24.9	0.11	0.243	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0977912	< 2	< 5	< 5	0.70	< 0.01	< 0.001	0.09	0.012	0.70	0.005	7.16	< 0.1	< 0.01	23.9	0.09	0.238	< 0.01	0.02	< 0.01	16.5	0.04	< 0.005	< 0.01
A0977913	< 2	< 5	< 5	0.65	< 0.01	< 0.001	0.16	0.012	0.70	0.009	6.74	< 0.1	< 0.01	23.9	0.09	0.246	< 0.01	0.03	< 0.01	16.0	0.03	< 0.005	< 0.01
A0977914	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.13	0.013	0.77	< 0.005	7.15	< 0.1	< 0.01	24.0	0.10	0.251	< 0.01	0.02	< 0.01	16.4	0.04	< 0.005	< 0.01
A0977915	11	< 5	< 5	0.33	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	4.08	< 0.1	< 0.01	25.9	0.06	0.278	< 0.01	0.07	< 0.01	16.3	0.02	< 0.005	< 0.01
A0977916	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.12	0.012	0.73	< 0.005	5.76	< 0.1	< 0.01	24.7	0.10	0.244	< 0.01	0.03	< 0.01	16.8	0.04	< 0.005	< 0.01
A0977917	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.18	0.013	0.72	0.006	6.07	< 0.1	< 0.01	24.5	0.10	0.243	< 0.01	0.03	< 0.01	16.7	0.03	< 0.005	< 0.01
A0977918	3	< 5	< 5	0.72	< 0.01	< 0.001	0.14	0.012	0.69	0.006	5.90	< 0.1	< 0.01	24.3	0.09	0.238	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0977919	3	< 5	< 5	0.70	< 0.01	< 0.001	0.16	0.012	0.74	0.006	5.52	< 0.1	< 0.01	24.3	0.09	0.252	< 0.01	0.04	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977920	4	< 5	< 5	0.81	< 0.01	< 0.001	0.14	0.012	0.69	0.009	6.97	< 0.1	< 0.01	23.5	0.09	0.236	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977921	3	< 5	< 5	0.75	< 0.01	< 0.001	0.13	0.013	0.72	0.007	6.05	< 0.1	< 0.01	24.4	0.10	0.231	< 0.01	0.02	< 0.01	16.7	0.04	< 0.005	< 0.01
A0977922	14	< 5	< 5	0.91	< 0.01	< 0.001	0.20	0.013	0.79	0.010	7.19	< 0.1	< 0.01	23.0	0.09	0.267	< 0.01	0.03	< 0.01	16.4	0.04	< 0.005	< 0.01
A0977923	3	< 5	< 5	0.99	< 0.01	< 0.001	0.12	0.012	0.71	0.043	7.00	< 0.1	< 0.01	23.6	0.08	0.261	< 0.01	0.04	< 0.01	16.7	0.05	< 0.005	< 0.01
A0977924	< 2	< 5	< 5	0.83	< 0.01	< 0.001	0.14	0.013	0.76	0.007	5.99	< 0.1	< 0.01	24.6	0.09	0.256	< 0.01	0.03	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977925	< 2	< 5	< 5	0.76	< 0.01	< 0.001	0.13	0.013	0.76	0.006	6.61	< 0.1	< 0.01	24.2	0.09	0.260	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977926	3	< 5	< 5	0.87	< 0.01	< 0.001	0.12	0.013	0.85	0.010	7.40	< 0.1	< 0.01	23.4	0.09	0.266	< 0.01	0.03	< 0.01	16.6	0.05	< 0.005	< 0.01
A0977927	2	< 5	< 5	0.78	< 0.01	< 0.001	0.15	0.013	0.81	0.006	6.51	< 0.1	< 0.01	24.0	0.10	0.255	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977928	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.12	0.013	0.78	0.006	6.83	< 0.1	< 0.01	24.0	0.10	0.252	< 0.01	0.02	< 0.01	16.8	0.04	< 0.005	< 0.01
A0977929	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.08	0.014	0.81	0.005	7.07	< 0.1	< 0.01	25.7	0.10	0.275	< 0.01	0.02	< 0.01	17.6	0.04	< 0.005	< 0.01
A0977930	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.12	0.013	0.80	0.006	7.39	< 0.1	< 0.01	24.1	0.10	0.261	< 0.01	0.03	< 0.01	17.0	0.04	< 0.005	< 0.01
A0977931	< 2	< 5	< 5	0.85	< 0.01	< 0.001	0.15	0.012	0.79	< 0.005	6.54	< 0.1	< 0.01	23.9	0.09	0.251	< 0.01	0.03	< 0.01	16.9	0.04	< 0.005	< 0.01
A0977932	4	< 5	< 5	0.81	< 0.01	< 0.001	0.12	0.013	0.76	< 0.005	7.11	< 0.1	< 0.01	23.6	0.10	0.250	< 0.01	0.02	< 0.01	16.5	0.04	< 0.005	< 0.01
A0977933	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.13	0.012	0.78	< 0.005	5.81	< 0.1	< 0.01	24.1	0.10	0.250	< 0.01	0.03	< 0.01	16.8	0.04	< 0.005	< 0.01
A0977934	< 2	< 5	< 5	6.51	< 0.01	< 0.001	5.51	0.002	0.02	< 0.005	3.29	1.5	< 0.01	1.86	0.06	0.011	< 0.01	0.03	< 0.01	28.3	0.25	< 0.005	< 0.01
A0977935	< 2	< 5	< 5	0.79	< 0.01	< 0.001	0.12	0.013	0.77	< 0.005	8.50	< 0.1	< 0.01	23.2	0.09	0.263	< 0.01	0.02	< 0.01	16.3	0.04	< 0.005	< 0.01
A0977936	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.15	0.013	0.78	0.005	6.74	< 0.1	< 0.01	23.9	0.10	0.252	< 0.01	0.02	< 0.01	16.7	0.04	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4730	1920	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1900	1630	212																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977908 Orig				0.59	< 0.01	< 0.001	0.11	0.013	0.69	< 0.005	6.73	< 0.1	< 0.01	24.4	0.10	0.241	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977908 Dup				0.60	< 0.01	< 0.001	0.11	0.013	0.71	< 0.005	6.74	< 0.1	< 0.01	24.0	0.10	0.243	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0977911 Orig	< 2	< 5	< 5																				
A0977911 Dup	< 2	< 5	< 5																				
A0977915 Orig				0.33	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	4.06	< 0.1	< 0.01	25.8	0.06	0.276	< 0.01	0.07	< 0.01	16.2	0.02	< 0.005	< 0.01
A0977915 Dup				0.33	< 0.01	< 0.001	0.27	0.009	0.10	< 0.005	4.10	< 0.1	< 0.01	26.0	0.06	0.280	< 0.01	0.07	< 0.01	16.4	0.02	< 0.005	< 0.01
A0977921 Orig	3	< 5	< 5																				
A0977921 Dup	3	< 5	< 5																				
A0977930 Orig				0.87	< 0.01	< 0.001	0.13	0.014	0.81	0.006	7.50	< 0.1	< 0.01	24.6	0.10	0.263	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
A0977930 Dup				0.83	< 0.01	< 0.001	0.12	0.013	0.79	0.006	7.29	< 0.1	< 0.01	23.6	0.09	0.259	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0977931 Orig	< 2	< 5	< 5																				
A0977931 Dup	< 2	< 5	< 5																				
A0977936 Orig				0.81	< 0.01	< 0.001	0.15	0.013	0.79	0.005	6.71	< 0.1	< 0.01	23.9	0.10	0.250	< 0.01	0.02	< 0.01	16.6	0.04	< 0.005	< 0.01
A0977936 Dup				0.81	< 0.01	< 0.001	0.15	0.013	0.78	0.005	6.76	< 0.1	< 0.01	23.9	0.10	0.254	< 0.01	0.02	< 0.01	16.8	0.04	< 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	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06148**
Report Date: **25-Jun-20**
Date Submitted: **14-Jun-20**
Your Reference: **Crawford (CR20-C-A155)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-19 08:25:35

REPORT **A20-06148**

Notes:

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.: **A20-06148**
Report Date: **25-Jun-20**
Date Submitted: **14-Jun-20**
Your Reference: **Crawford (CR20-C-A155)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-24 13:04:18

REPORT **A20-06148**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0971937	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.11	0.012	0.57	< 0.005	6.73	< 0.1	< 0.01	24.5	0.11	0.235	< 0.01	0.03	< 0.01	16.4	0.03	< 0.005	< 0.01
A0971938	< 2	< 5	< 5	0.45	< 0.01	< 0.001	0.01	0.018	0.57	< 0.005	7.41	< 0.1	< 0.01	24.4	0.09	0.270	< 0.01	0.09	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971939	< 2	6	< 5	0.45	< 0.01	< 0.001	0.09	0.018	0.52	0.006	6.91	< 0.1	< 0.01	24.4	0.11	0.213	< 0.01	0.06	< 0.01	16.2	0.02	< 0.005	< 0.01
A0971940	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.14	0.015	0.56	< 0.005	6.59	< 0.1	< 0.01	24.4	0.11	0.229	< 0.01	0.08	< 0.01	16.3	0.03	< 0.005	< 0.01
A0971941	12	< 5	< 5	0.32	< 0.01	< 0.001	0.26	0.010	0.10	< 0.005	4.11	< 0.1	< 0.01	25.7	0.06	0.301	< 0.01	0.07	< 0.01	16.5	0.02	< 0.005	< 0.01
A0971942	< 2	< 5	< 5	0.50	< 0.01	< 0.001	0.19	0.014	0.54	< 0.005	6.32	< 0.1	< 0.01	24.5	0.11	0.232	< 0.01	0.05	< 0.01	16.4	0.03	< 0.005	< 0.01
A0971943	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.16	0.013	0.53	< 0.005	6.86	< 0.1	< 0.01	24.4	0.11	0.223	< 0.01	0.05	< 0.01	16.3	0.03	< 0.005	< 0.01
A0971944	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.27	0.012	0.53	< 0.005	6.31	< 0.1	< 0.01	24.3	0.10	0.222	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	< 0.01
A0971945	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.16	0.014	0.55	< 0.005	7.44	< 0.1	< 0.01	24.0	0.10	0.231	< 0.01	0.06	< 0.01	16.4	0.03	< 0.005	< 0.01
A0971946	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.16	0.013	0.54	< 0.005	7.47	< 0.1	< 0.01	23.8	0.10	0.234	< 0.01	0.06	< 0.01	16.4	0.03	< 0.005	< 0.01
A0971947	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.06	0.014	0.60	< 0.005	7.51	< 0.1	< 0.01	23.6	0.09	0.214	< 0.01	0.04	< 0.01	16.4	0.02	< 0.005	< 0.01
A0971948	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.11	0.013	0.91	< 0.005	8.81	< 0.1	< 0.01	22.5	0.09	0.195	< 0.01	0.05	< 0.01	16.6	0.05	< 0.005	< 0.01
A0971949	< 2	< 5	< 5	1.01	< 0.01	< 0.001	0.08	0.016	0.90	< 0.005	9.22	< 0.1	< 0.01	21.9	0.09	0.199	< 0.01	0.05	< 0.01	16.3	0.04	< 0.005	< 0.01
A0971950	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.05	0.016	0.56	< 0.005	7.75	< 0.1	< 0.01	23.0	0.08	0.184	< 0.01	0.04	< 0.01	16.8	0.04	< 0.005	< 0.01
A0971951	< 2	< 5	< 5	6.65	< 0.01	< 0.001	4.63	< 0.002	0.01	< 0.005	2.84	1.7	< 0.01	1.68	0.05	0.007	< 0.01	0.01	< 0.01	29.0	0.22	< 0.005	< 0.01
A0971952	< 2	< 5	< 5	0.82	< 0.01	< 0.001	0.08	0.013	0.49	< 0.005	6.71	< 0.1	< 0.01	23.6	0.08	0.198	< 0.01	0.05	< 0.01	17.3	0.03	< 0.005	< 0.01
A0971953	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.18	0.013	0.63	< 0.005	8.22	< 0.1	< 0.01	22.4	0.08	0.190	< 0.01	0.05	< 0.01	16.7	0.04	< 0.005	< 0.01
A0971954	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.11	0.013	0.61	< 0.005	7.91	< 0.1	< 0.01	22.5	0.09	0.205	< 0.01	0.05	< 0.01	16.7	0.04	< 0.005	< 0.01
A0971955	4	6	10	1.29	< 0.01	< 0.001	0.84	0.015	0.57	< 0.005	7.54	< 0.1	< 0.01	22.3	0.10	0.186	< 0.01	0.04	< 0.01	17.1	0.07	< 0.005	< 0.01
A0971956	< 2	19	12	1.24	< 0.01	< 0.001	1.01	0.012	0.54	< 0.005	7.37	< 0.1	< 0.01	22.0	0.11	0.159	< 0.01	0.03	< 0.01	17.1	0.08	< 0.005	< 0.01
A0971957	< 2	7	< 5	1.54	< 0.01	< 0.001	1.86	0.013	1.19	< 0.005	7.30	< 0.1	< 0.01	20.8	0.12	0.145	< 0.01	0.01	< 0.01	17.1	0.07	< 0.005	< 0.01
A0971958	6	34	16	1.17	< 0.01	< 0.001	0.45	0.014	0.59	< 0.005	7.90	< 0.1	< 0.01	22.2	0.11	0.170	< 0.01	0.03	< 0.01	16.9	0.05	< 0.005	< 0.01
A0971959	< 2	6	7	0.97	< 0.01	< 0.001	0.30	0.015	0.59	< 0.005	8.92	< 0.1	< 0.01	21.9	0.10	0.165	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0971960	< 2	< 5	< 5	0.87	< 0.01	< 0.001	0.26	0.014	0.54	< 0.005	7.36	< 0.1	< 0.01	22.5	0.09	0.167	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0971961	< 2	6	6	0.94	< 0.01	< 0.001	0.12	0.016	0.54	< 0.005	8.66	< 0.1	< 0.01	22.3	0.10	0.167	< 0.01	0.04	< 0.01	16.9	0.05	< 0.005	< 0.01
A0971962	5	36	21	1.03	< 0.01	< 0.001	0.33	0.014	0.47	< 0.005	7.72	< 0.1	< 0.01	22.6	0.11	0.159	< 0.01	0.03	< 0.01	17.1	0.04	< 0.005	< 0.01
A0971963	3	33	15	1.30	< 0.01	< 0.001	0.55	0.014	0.47	< 0.005	8.00	< 0.1	< 0.01	22.2	0.10	0.141	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0971964	< 2	44	34	1.22	< 0.01	< 0.001	0.61	0.014	0.56	< 0.005	7.94	< 0.1	< 0.01	22.3	0.10	0.137	< 0.01	0.02	< 0.01	17.3	0.04	< 0.005	< 0.01
A0971965	5	154	48	1.28	< 0.01	< 0.001	0.61	0.015	0.51	< 0.005	8.36	< 0.1	< 0.01	21.7	0.10	0.137	< 0.01	0.02	< 0.01	17.1	0.04	< 0.005	< 0.01
A0971966	3	132	30	0.81	< 0.01	< 0.001	0.43	0.015	0.44	< 0.005	8.06	< 0.1	< 0.01	22.2	0.11	0.141	< 0.01	0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0971967	< 2	100	29	1.04	< 0.01	< 0.001	0.46	0.014	0.57	< 0.005	7.78	< 0.1	< 0.01	22.3	0.11	0.139	< 0.01	0.02	< 0.01	17.3	0.06	< 0.005	< 0.01
A0971968	< 2	87	21	1.04	< 0.01	< 0.001	0.45	0.014	0.35	< 0.005	7.67	< 0.1	< 0.01	22.4	0.10	0.135	< 0.01	0.02	< 0.01	17.3	0.04	< 0.005	< 0.01
A0971969	3	74	23	1.27	< 0.01	< 0.001	0.93	0.016	0.53	< 0.005	7.98	< 0.1	< 0.01	21.5	0.11	0.131	< 0.01	0.04	< 0.01	17.4	0.04	< 0.005	< 0.01
A0971970	< 2	25	6	1.36	< 0.01	< 0.001	1.23	0.015	0.39	< 0.005	7.71	< 0.1	< 0.01	21.7	0.11	0.127	< 0.01	0.03	< 0.01	17.7	0.04	< 0.005	< 0.01
A0971971	< 2	7	6	1.32	< 0.01	< 0.001	0.93	0.015	0.51	< 0.005	7.92	< 0.1	< 0.01	21.6	0.11	0.119	< 0.01	0.03	< 0.01	17.4	0.06	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4490	2090	1330																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1910	1740	236																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0971946 Orig	< 2	< 5	< 5																				
A0971946 Dup	< 2	< 5	< 5																				
A0971953 Orig				0.98	< 0.01	< 0.001	0.18	0.013	0.62	< 0.005	8.11	< 0.1	< 0.01	22.5	0.08	0.189	< 0.01	0.05	< 0.01	16.8	0.04	< 0.005	< 0.01
A0971953 Dup				0.99	< 0.01	< 0.001	0.18	0.013	0.64	< 0.005	8.32	< 0.1	< 0.01	22.4	0.08	0.192	< 0.01	0.06	< 0.01	16.7	0.04	< 0.005	< 0.01
A0971956 Orig	< 2	20	13																				
A0971956 Dup	< 2	18	11																				
A0971960 Orig				0.87	< 0.01	< 0.001	0.26	0.014	0.55	< 0.005	7.36	< 0.1	< 0.01	22.5	0.09	0.167	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
A0971960 Dup				0.87	< 0.01	< 0.001	0.26	0.014	0.54	< 0.005	7.36	< 0.1	< 0.01	22.5	0.09	0.166	< 0.01	0.02	< 0.01	17.2	0.04	< 0.005	< 0.01
A0971966 Orig	3	125	30																				
A0971966 Dup	3	138	31																				
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	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06154**
Report Date: **25-Jun-20**
Date Submitted: **14-Jun-20**
Your Reference: **Crawford (CR20-C-B83)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-24 14:55:49

REPORT **A20-06154**

Notes:

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.: **A20-06154**
Report Date: **25-Jun-20**
Date Submitted: **14-Jun-20**
Your Reference: **Crawford (CR20-C-B83)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-19 08:25:35

REPORT **A20-06154**

Notes:

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	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
A0977937	3	< 5	< 5	1.08	< 0.01	< 0.001	0.20	0.011	0.74	0.011	6.17	< 0.1	< 0.01	23.4	0.09	0.236	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
A0977938	2	< 5	< 5	0.97	< 0.01	< 0.001	0.17	0.013	0.73	0.005	6.20	< 0.1	< 0.01	23.5	0.10	0.239	< 0.01	0.03	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977939	3	< 5	< 5	0.91	< 0.01	< 0.001	0.16	0.013	0.73	< 0.005	6.34	< 0.1	< 0.01	23.5	0.10	0.240	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977940	4	< 5	< 5	0.91	< 0.01	< 0.001	0.15	0.013	0.71	0.030	6.86	< 0.1	< 0.01	23.3	0.10	0.234	< 0.01	0.02	< 0.01	16.8	0.05	< 0.005	< 0.01
A0977941	3	< 5	< 5	0.89	< 0.01	< 0.001	0.13	0.013	0.63	0.007	6.56	< 0.1	< 0.01	23.5	0.09	0.234	< 0.01	< 0.01	< 0.01	17.1	0.05	< 0.005	< 0.01
A0977942	4	< 5	< 5	0.93	< 0.01	< 0.001	0.17	0.013	0.61	0.008	6.75	< 0.1	< 0.01	23.3	0.09	0.232	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
A0977943	4	< 5	< 5	0.93	< 0.01	< 0.001	0.19	0.013	0.62	0.008	6.71	< 0.1	< 0.01	23.4	0.09	0.237	< 0.01	0.03	< 0.01	17.3	0.05	< 0.005	< 0.01
A0977944	< 2	6	< 5	0.99	< 0.01	< 0.001	0.29	0.012	0.71	0.009	6.24	< 0.1	< 0.01	23.4	0.09	0.252	< 0.01	0.04	< 0.01	17.3	0.07	< 0.005	< 0.01
A0977945	5	< 5	< 5	0.98	< 0.01	< 0.001	0.16	0.013	0.74	0.012	6.86	< 0.1	< 0.01	23.0	0.09	0.232	< 0.01	0.02	< 0.01	16.8	0.06	< 0.005	< 0.01
A0977946	< 2	< 5	< 5	1.11	< 0.01	< 0.001	0.53	0.012	0.66	0.007	5.56	< 0.1	< 0.01	23.0	0.10	0.219	< 0.01	0.03	< 0.01	17.2	0.13	< 0.005	< 0.01
A0977947	< 2	< 5	< 5	0.87	< 0.01	< 0.001	0.11	0.014	0.78	0.007	6.76	< 0.1	< 0.01	23.5	0.11	0.244	< 0.01	0.02	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977948	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.19	0.013	0.74	0.014	7.28	< 0.1	< 0.01	22.8	0.10	0.240	< 0.01	0.03	< 0.01	16.8	0.06	< 0.005	< 0.01
A0977949	< 2	< 5	< 5	0.91	< 0.01	< 0.001	0.22	0.013	0.75	0.006	6.63	< 0.1	< 0.01	23.9	0.11	0.246	< 0.01	0.03	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977950	< 2	< 5	< 5	0.91	< 0.01	< 0.001	0.30	0.013	0.73	< 0.005	6.49	< 0.1	< 0.01	23.3	0.11	0.245	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
A0977951	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.32	0.012	0.78	< 0.005	6.49	< 0.1	< 0.01	23.4	0.10	0.248	< 0.01	0.03	< 0.01	17.3	0.06	< 0.005	< 0.01
A0977952	< 2	< 5	< 5	1.06	< 0.01	< 0.001	0.31	0.012	0.75	0.005	6.52	< 0.1	< 0.01	23.2	0.10	0.242	< 0.01	0.02	< 0.01	17.0	0.06	< 0.005	< 0.01
A0977953	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.35	0.012	0.72	< 0.005	6.29	< 0.1	< 0.01	23.2	0.10	0.236	< 0.01	0.03	< 0.01	17.1	0.05	< 0.005	< 0.01
A0977954	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.29	0.013	0.76	0.006	6.27	< 0.1	< 0.01	23.2	0.11	0.242	< 0.01	0.02	< 0.01	17.1	0.06	< 0.005	< 0.01
A0977955	4	< 5	< 5	1.15	< 0.01	< 0.001	0.47	0.013	0.75	0.042	7.45	< 0.1	< 0.01	22.5	0.10	0.238	< 0.01	0.03	< 0.01	16.8	0.07	< 0.005	< 0.01
A0977956	5	< 5	< 5	6.88	< 0.01	< 0.001	3.81	0.002	0.02	< 0.005	3.49	1.8	< 0.01	2.07	0.06	0.010	< 0.01	0.04	< 0.01	29.4	0.27	< 0.005	< 0.01
A0977957	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.23	0.013	0.73	0.010	6.43	< 0.1	< 0.01	23.2	0.11	0.236	< 0.01	0.02	< 0.01	17.5	0.06	< 0.005	< 0.01
A0977958	< 2	< 5	< 5	1.24	< 0.01	< 0.001	0.41	0.012	0.72	0.009	6.31	< 0.1	< 0.01	22.7	0.10	0.231	< 0.01	0.03	< 0.01	17.2	0.07	< 0.005	< 0.01
A0977959	4	< 5	< 5	1.25	< 0.01	< 0.001	0.65	0.013	0.74	0.007	7.21	< 0.1	< 0.01	22.2	0.10	0.240	< 0.01	0.02	< 0.01	17.1	0.07	< 0.005	< 0.01
A0977960	3	< 5	< 5	1.18	< 0.01	< 0.001	0.31	0.013	0.72	0.007	7.53	< 0.1	< 0.01	22.7	0.10	0.237	< 0.01	0.02	< 0.01	16.9	0.09	< 0.005	< 0.01
A0977961	4	< 5	< 5	1.04	< 0.01	< 0.001	0.33	0.012	0.75	0.007	5.64	< 0.1	< 0.01	23.7	0.10	0.246	< 0.01	0.02	< 0.01	17.6	0.06	< 0.005	< 0.01
A0977962	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.27	0.012	0.76	0.005	6.20	< 0.1	< 0.01	23.2	0.10	0.246	< 0.01	0.02	< 0.01	17.3	0.06	< 0.005	< 0.01
A0977963	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.26	0.012	0.73	< 0.005	6.82	< 0.1	< 0.01	23.2	0.10	0.236	< 0.01	0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0977964	< 2	< 5	< 5	1.03	< 0.01	< 0.001	0.19	0.012	0.76	0.006	6.42	< 0.1	< 0.01	23.1	0.10	0.253	< 0.01	0.01	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977965	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.18	0.012	0.77	0.005	6.20	< 0.1	< 0.01	23.0	0.10	0.245	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
A0977966	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.20	0.012	0.75	< 0.005	6.88	< 0.1	< 0.01	22.9	0.10	0.242	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977967	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.14	0.013	0.74	0.005	6.24	< 0.1	< 0.01	23.4	0.11	0.246	< 0.01	0.03	< 0.01	16.8	0.05	< 0.005	< 0.01
A0977968	< 2	< 5	< 5	0.92	< 0.01	< 0.001	0.14	0.013	0.77	< 0.005	5.99	< 0.1	< 0.01	23.6	0.11	0.252	< 0.01	0.01	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977969	11	< 5	< 5	0.33	< 0.01	< 0.001	0.28	0.009	0.10	< 0.005	4.03	< 0.1	< 0.01	25.4	0.06	0.293	< 0.01	0.05	< 0.01	16.8	0.02	< 0.005	< 0.01
A0977970	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.26	0.012	0.75	0.020	5.78	< 0.1	< 0.01	23.0	0.10	0.241	< 0.01	0.01	< 0.01	17.3	0.09	< 0.005	< 0.01
A0977971	9	< 5	6	1.05	< 0.01	< 0.001	0.25	0.013	0.72	0.007	7.15	< 0.1	< 0.01	23.0	0.10	0.233	< 0.01	0.02	< 0.01	16.8	0.09	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4650	1970	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1950	1650	215																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977941 Orig				0.89	< 0.01	< 0.001	0.13	0.013	0.63	0.007	6.55	< 0.1	< 0.01	23.6	0.09	0.235	< 0.01	< 0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977941 Dup				0.89	< 0.01	< 0.001	0.13	0.013	0.63	0.007	6.56	< 0.1	< 0.01	23.4	0.09	0.233	< 0.01	0.02	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977946 Orig	3	< 5	< 5																				
A0977946 Dup	< 2	< 5	< 5																				
A0977949 Orig				0.90	< 0.01	< 0.001	0.23	0.013	0.74	0.006	6.56	< 0.1	< 0.01	23.6	0.11	0.242	< 0.01	0.02	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977949 Dup				0.91	< 0.01	< 0.001	0.20	0.013	0.76	0.006	6.71	< 0.1	< 0.01	24.2	0.12	0.249	< 0.01	0.03	< 0.01	17.3	0.05	< 0.005	< 0.01
A0977956 Orig	7	< 5	< 5																				
A0977956 Dup	4	< 5	< 5																				
A0977963 Orig				1.07	< 0.01	< 0.001	0.25	0.012	0.73	< 0.005	6.81	< 0.1	< 0.01	23.2	0.10	0.236	< 0.01	0.01	< 0.01	16.9	0.06	< 0.005	< 0.01
A0977963 Dup				1.07	< 0.01	< 0.001	0.26	0.013	0.73	0.005	6.83	< 0.1	< 0.01	23.3	0.10	0.236	< 0.01	0.02	< 0.01	17.1	0.06	< 0.005	< 0.01
A0977966 Orig	< 2	< 5	< 5																				
A0977966 Dup	< 2	< 5	< 5																				
A0977970 Orig				1.14	< 0.01	< 0.001	0.24	0.012	0.75	0.019	5.78	< 0.1	< 0.01	23.0	0.10	0.245	< 0.01	0.01	< 0.01	17.2	0.09	< 0.005	< 0.01
A0977970 Dup				1.13	< 0.01	< 0.001	0.28	0.012	0.75	0.021	5.77	< 0.1	< 0.01	23.0	0.10	0.237	< 0.01	0.01	< 0.01	17.4	0.09	< 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	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06158**
Report Date: **25-Jun-20**
Date Submitted: **14-Jun-20**
Your Reference: **Crawford (CR20-C-B84)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-24 13:04:18

REPORT **A20-06158**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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.: **A20-06158**
Report Date: **25-Jun-20**
Date Submitted: **14-Jun-20**
Your Reference: **Crawford (CR20-C-B84)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-19 08:25:35

REPORT **A20-06158**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0977972	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.16	0.013	0.77	0.006	7.47	< 0.1	< 0.01	22.7	0.10	0.240	< 0.01	0.02	< 0.01	16.7	0.06	< 0.005	< 0.01
A0977973	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.21	0.013	0.77	0.007	6.63	< 0.1	< 0.01	23.4	0.10	0.251	< 0.01	0.03	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977974	< 2	< 5	< 5	1.02	< 0.01	< 0.001	0.21	0.013	0.81	0.008	6.77	< 0.1	< 0.01	22.9	0.10	0.249	< 0.01	0.01	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977975	< 2	< 5	< 5	1.08	< 0.01	< 0.001	0.15	0.013	0.77	< 0.005	7.39	< 0.1	< 0.01	22.9	0.09	0.239	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977976	< 2	< 5	< 5	0.95	< 0.01	< 0.001	0.21	0.012	0.70	< 0.005	6.54	< 0.1	< 0.01	22.2	0.10	0.231	< 0.01	< 0.01	< 0.01	15.6	0.09	< 0.005	< 0.01
A0977977	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.20	0.012	0.78	< 0.005	6.16	< 0.1	< 0.01	23.5	0.10	0.244	< 0.01	0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977978	< 2	< 5	< 5	7.06	< 0.01	< 0.001	3.36	0.003	0.03	< 0.005	3.94	1.7	< 0.01	2.67	0.07	0.014	< 0.01	0.02	< 0.01	28.4	0.29	< 0.005	< 0.01
A0977979	< 2	< 5	< 5	0.99	< 0.01	< 0.001	0.24	0.013	0.76	< 0.005	8.55	< 0.1	< 0.01	22.6	0.10	0.242	< 0.01	< 0.01	< 0.01	16.4	0.05	< 0.005	< 0.01
A0977980	< 2	< 5	< 5	0.98	< 0.01	< 0.001	0.25	0.014	0.78	< 0.005	7.21	< 0.1	< 0.01	22.7	0.10	0.250	< 0.01	0.02	< 0.01	16.5	0.06	< 0.005	< 0.01
A0977981	< 2	< 5	< 5	0.90	< 0.01	< 0.001	0.22	0.014	0.75	< 0.005	7.08	< 0.1	< 0.01	23.2	0.10	0.247	< 0.01	< 0.01	< 0.01	16.9	0.05	< 0.005	< 0.01
A0977982	< 2	< 5	< 5	0.87	< 0.01	< 0.001	0.19	0.015	0.74	0.006	7.36	< 0.1	< 0.01	23.1	0.11	0.236	< 0.01	< 0.01	< 0.01	16.6	0.05	< 0.005	< 0.01
A0977983	< 2	7	< 5	0.90	< 0.01	< 0.001	0.18	0.013	0.74	< 0.005	5.96	< 0.1	< 0.01	23.6	0.11	0.241	< 0.01	< 0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977984	6	13	< 5	1.01	< 0.01	< 0.001	0.14	0.013	0.77	< 0.005	6.73	< 0.1	< 0.01	23.1	0.10	0.251	< 0.01	0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
A0977985	12	< 5	< 5	1.00	< 0.01	< 0.001	0.22	0.013	0.72	< 0.005	6.71	< 0.1	< 0.01	23.2	0.10	0.233	< 0.01	< 0.01	< 0.01	17.0	0.10	< 0.005	< 0.01
A0977986	< 2	< 5	< 5	0.97	< 0.01	< 0.001	0.14	0.013	0.72	< 0.005	6.36	< 0.1	< 0.01	23.2	0.09	0.242	< 0.01	0.01	< 0.01	16.8	0.08	< 0.005	< 0.01
A0977987	< 2	< 5	< 5	0.96	< 0.01	< 0.001	0.13	0.013	0.73	< 0.005	7.08	< 0.1	< 0.01	23.0	0.09	0.240	< 0.01	0.04	< 0.01	16.8	0.05	< 0.005	< 0.01
A0977988	< 2	< 5	< 5	0.97	< 0.01	< 0.001	0.16	0.014	0.71	< 0.005	8.20	< 0.1	< 0.01	22.2	0.09	0.232	< 0.01	0.03	< 0.01	16.6	0.05	< 0.005	< 0.01
A0977989	< 2	< 5	< 5	1.00	< 0.01	< 0.001	0.13	0.012	0.74	< 0.005	6.17	< 0.1	< 0.01	23.4	0.09	0.239	< 0.01	0.03	< 0.01	17.0	0.06	< 0.005	< 0.01
A0977990	2	14	< 5	1.07	< 0.01	< 0.001	0.24	0.014	0.73	< 0.005	7.18	< 0.1	< 0.01	22.7	0.09	0.237	< 0.01	0.03	< 0.01	16.7	0.06	< 0.005	< 0.01
A0977991	10	< 5	< 5	1.10	< 0.01	< 0.001	0.31	0.012	0.74	< 0.005	6.36	< 0.1	< 0.01	23.0	0.10	0.237	< 0.01	0.02	< 0.01	17.2	0.06	< 0.005	< 0.01
A0977992	< 2	< 5	< 5	1.20	< 0.01	< 0.001	0.30	0.012	0.76	< 0.005	6.40	< 0.1	< 0.01	22.9	0.10	0.243	< 0.01	0.02	< 0.01	17.2	0.06	< 0.005	< 0.01
A0977993	3	< 5	< 5	1.16	< 0.01	< 0.001	0.38	0.013	0.74	< 0.005	7.86	< 0.1	< 0.01	22.1	0.10	0.237	< 0.01	0.02	< 0.01	16.9	0.06	< 0.005	< 0.01
A0977994	5	< 5	< 5	1.11	< 0.01	< 0.001	0.38	0.013	0.76	< 0.005	6.81	< 0.1	< 0.01	22.5	0.09	0.246	< 0.01	0.03	< 0.01	17.1	0.06	< 0.005	< 0.01
A0977995	2	< 5	< 5	0.99	< 0.01	< 0.001	0.32	0.015	0.81	0.007	7.59	< 0.1	< 0.01	22.4	0.10	0.235	< 0.01	0.02	< 0.01	17.0	0.05	< 0.005	< 0.01
A0977996	33	10	21	1.10	< 0.01	< 0.001	0.30	0.013	0.77	0.005	7.09	< 0.1	< 0.01	22.7	0.09	0.236	< 0.01	0.01	< 0.01	17.1	0.06	< 0.005	< 0.01
A0977997	7	< 5	6	1.17	< 0.01	< 0.001	0.42	0.012	0.68	< 0.005	6.91	< 0.1	< 0.01	22.5	0.09	0.220	< 0.01	0.02	< 0.01	16.9	0.07	< 0.005	< 0.01
A0977998	21	16	12	1.20	< 0.01	< 0.001	0.28	0.012	0.77	0.011	7.21	< 0.1	< 0.01	22.5	0.09	0.233	< 0.01	0.02	< 0.01	16.9	0.07	< 0.005	< 0.01
A0977999	< 2	< 5	< 5	1.13	< 0.01	< 0.001	0.12	0.012	0.79	< 0.005	6.85	< 0.1	< 0.01	23.3	0.08	0.242	< 0.01	< 0.01	< 0.01	16.9	0.07	< 0.005	< 0.01
A0978000	< 2	< 5	< 5	0.72	< 0.01	< 0.001	0.08	0.012	0.69	< 0.005	6.26	< 0.1	< 0.01	23.7	0.08	0.266	< 0.01	0.04	< 0.01	16.9	0.03	< 0.005	< 0.01
A0978001	< 2	< 5	< 5	0.72	< 0.01	< 0.001	0.05	0.012	0.66	< 0.005	6.28	< 0.1	< 0.01	23.8	0.08	0.278	< 0.01	0.02	< 0.01	17.0	0.03	< 0.005	< 0.01
A0978002	4	< 5	< 5	0.52	< 0.01	< 0.001	0.05	0.013	0.69	< 0.005	6.09	< 0.1	< 0.01	24.3	0.09	0.258	< 0.01	0.01	< 0.01	16.9	0.03	< 0.005	< 0.01
A0978003	< 2	< 5	< 5	0.43	< 0.01	< 0.001	0.06	0.012	0.65	< 0.005	5.75	< 0.1	< 0.01	24.6	0.10	0.282	< 0.01	0.02	< 0.01	16.6	0.02	< 0.005	< 0.01
A0978004	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.04	0.011	0.65	< 0.005	5.64	< 0.1	< 0.01	24.9	0.10	0.268	< 0.01	0.04	< 0.01	17.1	0.02	< 0.005	< 0.01
A0978005	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.06	0.011	0.64	< 0.005	5.60	< 0.1	< 0.01	24.9	0.10	0.283	< 0.01	0.02	< 0.01	16.9	0.02	< 0.005	< 0.01
A0978006	< 2	< 5	< 5	0.39	< 0.01	< 0.001	0.09	0.012	0.55	< 0.005	5.84	< 0.1	< 0.01	25.1	0.09	0.280	< 0.01	0.03	< 0.01	17.0	0.02	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4510	1990	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1950	1730	223																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0977981 Orig	< 2	< 5	< 5																				
A0977981 Dup	< 2	< 5	< 5																				
A0977985 Orig				1.00	< 0.01	< 0.001	0.23	0.013	0.71	< 0.005	6.71	< 0.1	< 0.01	23.2	0.10	0.233	< 0.01	0.02	< 0.01	17.2	0.10	< 0.005	< 0.01
A0977985 Dup				1.00	< 0.01	< 0.001	0.20	0.013	0.73	< 0.005	6.70	< 0.1	< 0.01	23.2	0.10	0.233	< 0.01	< 0.01	< 0.01	16.8	0.10	< 0.005	< 0.01
A0977992 Orig	< 2	< 5	< 5																				
A0977992 Dup	< 2	< 5	< 5																				
A0977993 Orig				1.16	< 0.01	< 0.001	0.39	0.013	0.73	< 0.005	7.79	< 0.1	< 0.01	22.1	0.10	0.235	< 0.01	0.02	< 0.01	16.8	0.06	< 0.005	< 0.01
A0977993 Dup				1.16	< 0.01	< 0.001	0.38	0.013	0.75	< 0.005	7.94	< 0.1	< 0.01	22.0	0.10	0.238	< 0.01	0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0978001 Orig	< 2	< 5	< 5																				
A0978001 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	< 0.01	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06203**
Report Date: **25-Jun-20**
Date Submitted: **15-Jun-20**
Your Reference: **Crawford (CR20-C-B85)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-19 08:25:35

REPORT **A20-06203**

Notes:

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.: **A20-06203**
Report Date: **25-Jun-20**
Date Submitted: **15-Jun-20**
Your Reference: **Crawford (CR20-C-B85)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-24 13:04:18

REPORT **A20-06203**

Notes:

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	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
A0978007	< 2	< 5	< 5	0.41	< 0.01	< 0.001	0.08	0.012	0.62	< 0.005	6.35	< 0.1	< 0.01	25.0	0.10	0.264	< 0.01	0.01	< 0.01	16.3	0.02	< 0.005	< 0.01
A0978008	< 2	< 5	< 5	0.24	< 0.01	< 0.001	0.06	0.013	0.56	< 0.005	6.42	< 0.1	< 0.01	25.1	0.11	0.271	< 0.01	< 0.01	< 0.01	16.2	0.01	< 0.005	< 0.01
A0978009	< 2	< 5	< 5	0.28	< 0.01	< 0.001	0.06	0.012	0.66	< 0.005	5.66	< 0.1	< 0.01	25.7	0.12	0.301	< 0.01	0.06	< 0.01	16.3	0.01	< 0.005	< 0.01
A0978010	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.06	0.014	0.65	< 0.005	5.91	< 0.1	< 0.01	25.5	0.14	0.272	< 0.01	0.03	< 0.01	16.0	0.01	< 0.005	< 0.01
A0978011	11	< 5	< 5	0.33	< 0.01	< 0.001	0.19	0.009	0.10	< 0.005	4.01	< 0.1	< 0.01	25.4	0.06	0.296	< 0.01	0.06	< 0.01	16.4	0.02	< 0.005	< 0.01
A0978012	< 2	< 5	< 5	0.21	< 0.01	< 0.001	0.04	0.013	0.54	< 0.005	5.97	< 0.1	< 0.01	25.7	0.14	0.275	< 0.01	0.02	< 0.01	16.3	0.01	< 0.005	< 0.01
A0978013	< 2	< 5	< 5	0.23	< 0.01	< 0.001	0.03	0.013	0.45	< 0.005	6.56	< 0.1	< 0.01	25.7	0.13	0.282	< 0.01	0.03	< 0.01	16.2	0.01	< 0.005	< 0.01
A0978014	< 2	< 5	< 5	0.48	< 0.01	< 0.001	0.05	0.012	0.65	< 0.005	6.18	< 0.1	< 0.01	25.0	0.10	0.284	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
A0978015	< 2	< 5	< 5	0.52	< 0.01	< 0.001	0.02	0.012	0.79	< 0.005	6.76	< 0.1	< 0.01	24.7	0.10	0.278	< 0.01	0.03	< 0.01	16.5	0.03	< 0.005	0.01
A0978016	< 2	< 5	< 5	0.51	< 0.01	< 0.001	< 0.01	0.012	0.75	< 0.005	6.71	< 0.1	< 0.01	24.6	0.10	0.255	< 0.01	0.01	< 0.01	16.4	0.03	< 0.005	< 0.01
A0978017	< 2	< 5	< 5	0.59	< 0.01	< 0.001	0.09	0.012	0.77	< 0.005	6.90	< 0.1	< 0.01	24.0	0.09	0.260	< 0.01	< 0.01	< 0.01	16.5	0.03	< 0.005	< 0.01
A0978018	< 2	< 5	< 5	0.64	< 0.01	< 0.001	0.01	0.012	0.79	< 0.005	6.75	< 0.1	< 0.01	24.3	0.09	0.264	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	< 0.01
A0978019	2	< 5	< 5	0.73	< 0.01	< 0.001	0.10	0.012	0.79	< 0.005	6.28	< 0.1	< 0.01	24.3	0.09	0.256	< 0.01	0.02	< 0.01	16.6	0.04	< 0.005	< 0.01
A0978020	< 2	< 5	< 5	0.68	< 0.01	< 0.001	0.01	0.012	0.74	< 0.005	6.62	< 0.1	< 0.01	24.3	0.09	0.256	< 0.01	0.02	< 0.01	16.5	0.04	< 0.005	< 0.01
A0978021	3	< 5	< 5	0.68	< 0.01	< 0.001	0.06	0.013	0.74	< 0.005	6.45	< 0.1	< 0.01	24.3	0.09	0.251	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0978022	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.09	0.013	0.79	< 0.005	7.04	< 0.1	< 0.01	24.7	0.09	0.253	< 0.01	0.02	< 0.01	17.5	0.04	< 0.005	< 0.01
A0978023	< 2	< 5	< 5	0.57	< 0.01	< 0.001	0.05	0.014	0.76	< 0.005	6.04	< 0.1	< 0.01	24.8	0.11	0.251	< 0.01	0.02	< 0.01	16.4	0.03	< 0.005	< 0.01
A0978024	< 2	< 5	< 5	0.63	< 0.01	< 0.001	0.04	0.013	0.75	< 0.005	6.17	< 0.1	< 0.01	24.5	0.11	0.263	< 0.01	0.02	< 0.01	16.6	0.03	< 0.005	0.01
A0978025	< 2	< 5	< 5	0.62	< 0.01	< 0.001	0.04	0.013	0.72	< 0.005	6.77	< 0.1	< 0.01	23.9	0.10	0.247	< 0.01	0.01	< 0.01	16.2	0.03	< 0.005	< 0.01
A0978026	< 2	< 5	< 5	7.02	< 0.01	< 0.001	4.71	0.002	0.01	< 0.005	3.57	1.7	< 0.01	2.29	0.06	0.011	< 0.01	0.02	< 0.01	29.1	0.28	< 0.005	< 0.01
A0978027	2	< 5	< 5	0.68	< 0.01	< 0.001	0.11	0.013	0.78	< 0.005	6.58	< 0.1	< 0.01	24.8	0.11	0.251	< 0.01	0.01	< 0.01	16.8	0.04	< 0.005	< 0.01
A0978028	4	< 5	< 5	0.73	< 0.01	< 0.001	0.09	0.012	0.80	< 0.005	6.40	< 0.1	< 0.01	23.9	0.10	0.249	< 0.01	0.02	< 0.01	16.7	0.04	< 0.005	< 0.01
A0978029	< 2	< 5	< 5	0.72	< 0.01	< 0.001	0.05	0.013	0.73	< 0.005	6.72	< 0.1	< 0.01	24.0	0.09	0.244	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0978030	3	< 5	< 5	0.76	< 0.01	< 0.001	0.08	0.012	0.70	< 0.005	5.96	< 0.1	< 0.01	24.4	0.10	0.239	< 0.01	0.02	< 0.01	16.9	0.04	< 0.005	< 0.01
A0978031	3	< 5	< 5	0.87	< 0.01	< 0.001	0.02	0.011	0.76	0.006	6.19	< 0.1	< 0.01	23.7	0.08	0.243	< 0.01	0.03	< 0.01	16.8	0.05	< 0.005	< 0.01
A0978032	3	< 5	< 5	0.86	< 0.01	< 0.001	0.08	0.012	0.71	< 0.005	6.92	< 0.1	< 0.01	23.6	0.09	0.238	< 0.01	0.02	< 0.01	16.8	0.05	< 0.005	< 0.01
A0978033	3	< 5	< 5	0.91	< 0.01	< 0.001	0.08	0.011	0.73	< 0.005	6.04	< 0.1	< 0.01	24.0	0.08	0.235	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
A0978034	4	< 5	< 5	0.90	< 0.01	< 0.001	0.02	0.012	0.73	< 0.005	7.29	< 0.1	< 0.01	23.3	0.08	0.245	< 0.01	0.03	< 0.01	16.8	0.05	< 0.005	< 0.01
A0978035	4	< 5	5	0.90	< 0.01	< 0.001	0.09	0.012	0.74	< 0.005	7.14	< 0.1	< 0.01	23.0	0.08	0.235	< 0.01	0.02	< 0.01	16.9	0.05	< 0.005	< 0.01
A0978036	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.06	0.013	0.74	< 0.005	7.62	< 0.1	< 0.01	23.1	0.09	0.249	< 0.01	0.03	< 0.01	16.6	0.04	< 0.005	< 0.01
A0978037	3	< 5	< 5	0.80	< 0.01	< 0.001	0.08	0.012	0.67	< 0.005	6.86	< 0.1	< 0.01	23.6	0.09	0.236	< 0.01	0.03	< 0.01	16.8	0.04	< 0.005	< 0.01
A0978038	< 2	< 5	< 5	0.80	< 0.01	< 0.001	0.08	0.013	0.75	< 0.005	7.04	< 0.1	< 0.01	23.5	0.09	0.240	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0978039	< 2	< 5	< 5	0.78	< 0.01	< 0.001	0.11	0.012	0.76	< 0.005	5.42	< 0.1	< 0.01	24.2	0.10	0.244	< 0.01	0.04	< 0.01	17.2	0.04	< 0.005	< 0.01
A0978040	5	< 5	< 5	0.82	< 0.01	< 0.001	0.09	0.012	0.74	< 0.005	7.10	< 0.1	< 0.01	23.4	0.10	0.241	< 0.01	0.04	< 0.01	16.6	0.04	< 0.005	< 0.01
A0978041	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.04	0.013	0.70	< 0.005	7.07	< 0.1	< 0.01	23.5	0.10	0.238	< 0.01	0.03	< 0.01	16.5	0.04	< 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			0.05	0.013	1.54	< 0.005				30.6	0.08	0.387	< 0.01		< 0.01	18.4			< 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
DTS-2b Meas				0.21			0.12	0.013	1.59	< 0.005				31.3	0.08	0.384	< 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					1.06	< 0.005	< 0.01			16.2		0.356	< 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 74a (Fusion) Meas					< 0.01			0.055	0.17	0.119	14.2					3.14		7.52		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	12.4							20.1	0.01				18.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.131	12.3							20.1	< 0.01				18.1
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.26		2.54			3.11	8.30			0.02			2.11	13.2		16.7		0.109	17.0
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
MP-1b Meas					2.34		2.50			3.19	8.34			0.03			2.07	13.7		17.1		0.106	16.4
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											44.9				0.27					4.67	14.0		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.9				0.27					4.52	13.6		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.78									0.007	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.85									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	

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
W 106 Meas																						2.14	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.21	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.2	32.6			0.72	< 0.01		0.71	35.3	< 0.01				3.14
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	4560	2070	1340																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1900	1610	231																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0978008 Orig				0.24	< 0.01	< 0.001	0.04	0.013	0.56	< 0.005	6.44	< 0.1	< 0.01	25.1	0.11	0.272	< 0.01	< 0.01	< 0.01	16.3	0.01	< 0.005	< 0.01
A0978008 Dup				0.24	< 0.01	< 0.001	0.08	0.013	0.57	< 0.005	6.40	< 0.1	< 0.01	25.2	0.11	0.271	< 0.01	0.03	< 0.01	16.1	0.01	< 0.005	< 0.01
A0978014 Orig				0.48	< 0.01	< 0.001	0.07	0.012	0.66	< 0.005	6.21	< 0.1	< 0.01	25.0	0.10	0.281	< 0.01	0.03	< 0.01	16.8	0.02	< 0.005	< 0.01
A0978014 Dup				0.48	< 0.01	< 0.001	0.03	0.012	0.65	< 0.005	6.16	< 0.1	< 0.01	24.9	0.10	0.287	< 0.01	0.03	< 0.01	16.7	0.02	< 0.005	< 0.01
A0978016 Orig	< 2	< 5	< 5																				
A0978016 Dup	< 2	< 5	< 5																				
A0978026 Orig	< 2	< 5	< 5																				
A0978026 Dup	< 2	< 5	< 5																				
A0978030 Orig				0.76	< 0.01	< 0.001	0.08	0.012	0.70	< 0.005	5.98	< 0.1	< 0.01	24.4	0.10	0.240	< 0.01	0.02	< 0.01	17.0	0.04	< 0.005	< 0.01
A0978030 Dup				0.76	< 0.01	< 0.001	0.08	0.012	0.69	< 0.005	5.94	< 0.1	< 0.01	24.3	0.10	0.239	< 0.01	0.02	< 0.01	16.7	0.04	< 0.005	< 0.01
A0978036 Orig	< 2	< 5	< 5	0.81	< 0.01	< 0.001	0.10	0.013	0.75	< 0.005	7.62	< 0.1	< 0.01	23.2	0.09	0.246	< 0.01	0.03	< 0.01	16.7	0.04	< 0.005	< 0.01
A0978036 Dup	2	< 5	< 5	0.81	< 0.01	< 0.001	0.03	0.013	0.74	< 0.005	7.62	< 0.1	< 0.01	23.0	0.09	0.251	< 0.01	0.03	< 0.01	16.5	0.04	< 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	< 5																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06249**
Report Date: **30-Jun-20**
Date Submitted: **16-Jun-20**
Your Reference: **Crawford (CR20-C-A154)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-24 08:42:06

REPORT **A20-06249**

Notes:

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.: **A20-06249**
Report Date: **30-Jun-20**
Date Submitted: **16-Jun-20**
Your Reference: **Crawford (CR20-C-A154)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-30 08:31:36

REPORT **A20-06249**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0971972	< 2	10	< 5	1.31	< 0.01	< 0.001	1.25	0.017	0.55	< 0.005	9.41	< 0.1	< 0.01	21.3	0.12	0.114	< 0.01	0.03	< 0.01	17.4	0.07	< 0.005	< 0.01
A0971973	< 2	< 5	< 5	1.35	< 0.01	< 0.001	1.72	0.015	0.36	< 0.005	7.34	< 0.1	< 0.01	21.7	0.11	0.113	< 0.01	0.03	< 0.01	18.2	0.06	< 0.005	< 0.01
A0971974	< 2	< 5	< 5	1.26	< 0.01	< 0.001	1.60	0.015	0.32	< 0.005	7.08	< 0.1	< 0.01	21.9	0.11	0.111	< 0.01	0.03	< 0.01	18.1	0.05	< 0.005	< 0.01
A0971975	2	10	15	1.42	< 0.01	< 0.001	1.03	0.016	0.48	< 0.005	7.08	< 0.1	< 0.01	22.4	0.11	0.110	< 0.01	0.02	< 0.01	17.9	0.05	< 0.005	< 0.01
A0971976	10	< 5	< 5	0.34	< 0.01	< 0.001	0.26	0.009	0.10	< 0.005	4.04	< 0.1	< 0.01	26.6	0.06	0.292	< 0.01	0.06	< 0.01	16.8	0.02	< 0.005	< 0.01
A0971977	< 2	35	11	1.32	< 0.01	< 0.001	0.65	0.016	0.64	< 0.005	7.45	< 0.1	< 0.01	22.7	0.11	0.108	< 0.01	0.02	< 0.01	17.9	0.05	< 0.005	< 0.01
A0971978	< 2	< 5	< 5	1.35	< 0.01	< 0.001	0.97	0.015	0.50	< 0.005	7.95	< 0.1	< 0.01	22.2	0.11	0.105	< 0.01	0.01	< 0.01	17.7	0.05	< 0.005	< 0.01
A0971979	< 2	< 5	5	1.19	< 0.01	< 0.001	0.51	0.015	0.34	< 0.005	7.66	< 0.1	< 0.01	23.0	0.11	0.102	< 0.01	0.03	< 0.01	17.4	0.06	< 0.005	< 0.01
A0971980	< 2	6	< 5	1.36	< 0.01	< 0.001	1.17	0.016	0.53	< 0.005	7.58	< 0.1	< 0.01	22.5	0.12	0.101	< 0.01	0.02	< 0.01	17.8	0.04	< 0.005	< 0.01
A0971981	< 2	6	< 5	1.37	< 0.01	< 0.001	1.12	0.016	0.53	< 0.005	7.54	< 0.1	< 0.01	22.5	0.12	0.097	< 0.01	0.02	< 0.01	17.7	0.04	< 0.005	< 0.01
A0971982	< 2	6	6	1.35	< 0.01	< 0.001	0.83	0.015	0.32	< 0.005	8.09	< 0.1	< 0.01	22.3	0.12	0.099	< 0.01	0.02	< 0.01	17.9	0.05	< 0.005	< 0.01
A0971983	< 2	7	< 5	1.56	< 0.01	< 0.001	0.95	0.015	0.39	< 0.005	8.00	< 0.1	< 0.01	22.1	0.12	0.094	< 0.01	0.02	< 0.01	17.8	0.05	< 0.005	0.01
A0971984	< 2	9	< 5	1.47	< 0.01	< 0.001	1.39	0.014	0.33	< 0.005	7.59	< 0.1	< 0.01	21.9	0.12	0.090	< 0.01	0.03	< 0.01	18.1	0.04	< 0.005	< 0.01
A0971985	< 2	7	< 5	1.26	< 0.01	< 0.001	1.17	0.014	0.42	< 0.005	7.92	< 0.1	< 0.01	22.1	0.13	0.090	< 0.01	0.04	< 0.01	18.2	0.07	< 0.005	< 0.01
A0971986	< 2	< 5	< 5	7.44	< 0.01	< 0.001	3.42	0.002	< 0.01	< 0.005	3.87	2.0	< 0.01	1.58	0.06	0.010	< 0.01	0.03	< 0.01	28.9	0.29	< 0.005	< 0.01
A0971987	< 2	6	5	1.48	< 0.01	< 0.001	1.11	0.015	0.33	< 0.005	7.58	< 0.1	< 0.01	22.1	0.13	0.083	< 0.01	0.04	< 0.01	18.3	0.05	< 0.005	< 0.01
A0971988	< 2	19	9	1.51	< 0.01	< 0.001	1.40	0.014	0.46	< 0.005	7.43	< 0.1	< 0.01	21.9	0.13	0.080	< 0.01	0.02	< 0.01	18.4	0.05	< 0.005	< 0.01
A0971989	< 2	49	44	1.41	< 0.01	< 0.001	1.50	0.014	0.42	0.012	7.73	< 0.1	< 0.01	21.9	0.14	0.068	< 0.01	0.03	< 0.01	18.5	0.05	< 0.005	< 0.01
A0971990	< 2	30	46	1.46	< 0.01	< 0.001	2.94	0.013	0.40	0.017	7.52	< 0.1	< 0.01	20.6	0.14	0.061	< 0.01	0.03	< 0.01	19.0	0.06	< 0.005	0.01
A0971991	< 2	48	93	1.63	< 0.01	< 0.001	5.96	0.010	0.32	0.017	6.42	< 0.1	< 0.01	18.3	0.15	0.043	< 0.01	0.03	< 0.01	20.6	0.07	< 0.005	< 0.01
A0971992	< 2	39	80	2.06	< 0.01	< 0.001	7.76	0.007	0.24	< 0.005	5.28	< 0.1	< 0.01	14.5	0.15	0.017	< 0.01	0.03	< 0.01	24.0	0.14	< 0.005	< 0.01
A0971993	< 2	293	285	1.93	< 0.01	< 0.001	3.68	0.008	0.26	< 0.005	6.16	< 0.1	< 0.01	15.5	0.14	0.020	< 0.01	0.01	< 0.01	25.6	0.11	< 0.005	< 0.01
A0971994	3	551	534	2.20	< 0.01	< 0.001	3.82	0.008	0.26	< 0.005	5.92	< 0.1	< 0.01	15.4	0.14	0.021	< 0.01	0.02	< 0.01	25.3	0.10	< 0.005	< 0.01
A0971995	10	1580	1630	2.31	< 0.01	< 0.001	3.78	0.008	0.27	< 0.005	6.01	< 0.1	< 0.01	15.6	0.15	0.023	< 0.01	< 0.01	< 0.01	25.6	0.09	< 0.005	< 0.01
A0971996	132	542	665	2.09	< 0.01	< 0.001	3.63	0.008	0.45	0.016	6.20	< 0.1	< 0.01	15.8	0.15	0.032	< 0.01	0.23	< 0.01	25.2	0.09	< 0.005	< 0.01
A0971997	116	34	156	2.18	< 0.01	< 0.001	6.38	0.008	0.43	0.036	5.85	< 0.1	< 0.01	14.1	0.13	0.036	< 0.01	0.30	< 0.01	25.2	0.09	< 0.005	< 0.01
A0971998	27	< 5	38	2.12	< 0.01	< 0.001	11.1	0.006	0.44	0.033	4.97	< 0.1	< 0.01	12.0	0.14	0.034	< 0.01	0.05	< 0.01	25.6	0.13	< 0.005	< 0.01
A0971999	23	< 5	24	2.29	< 0.01	< 0.001	10.6	0.007	0.39	0.035	5.26	< 0.1	< 0.01	12.5	0.14	0.035	< 0.01	0.05	< 0.01	26.3	0.11	< 0.005	< 0.01
A0972000	12	< 5	14	2.25	< 0.01	< 0.001	10.1	0.006	0.35	0.034	5.03	< 0.1	< 0.01	11.8	0.13	0.030	< 0.01	0.05	< 0.01	25.8	0.10	< 0.005	< 0.01
A0972001	9	< 5	9	2.27	< 0.01	< 0.001	11.3	0.006	0.33	0.030	4.99	< 0.1	< 0.01	11.8	0.13	0.027	< 0.01	0.08	< 0.01	26.1	0.11	< 0.005	< 0.01
A0972002	8	< 5	< 5	2.38	< 0.01	< 0.001	11.6	0.006	0.30	0.058	5.13	< 0.1	< 0.01	11.5	0.12	0.040	< 0.01	0.20	< 0.01	24.3	0.09	< 0.005	< 0.01
A0972003	6	< 5	< 5	2.52	< 0.01	< 0.001	11.4	0.007	0.35	0.056	5.01	< 0.1	< 0.01	11.9	0.12	0.033	< 0.01	0.16	< 0.01	24.9	0.09	< 0.005	< 0.01
A0972004	< 2	< 5	< 5	6.37	< 0.01	< 0.001	11.0	0.005	0.25	0.015	3.73	< 0.1	< 0.01	9.40	0.10	0.018	< 0.01	0.03	< 0.01	24.5	0.06	< 0.005	< 0.01
A0972005	3	< 5	< 5	8.84	< 0.01	< 0.001	10.5	0.004	0.16	0.017	3.53	0.2	< 0.01	8.05	0.09	0.017	< 0.01	0.03	< 0.01	23.5	0.06	< 0.005	< 0.01
A0972006	15	< 5	< 5	9.70	< 0.01	< 0.001	10.4	0.004	0.11	0.012	3.30	0.2	< 0.01	7.03	0.08	0.015	< 0.01	0.03	< 0.01	23.4	0.06	< 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					0.64														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.69														3.51				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.11	0.014	1.56	< 0.005				31.4	0.08	0.394	< 0.01		< 0.01	19.3			< 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
DTS-2b Meas				0.23			0.12	0.013	1.59	< 0.005				32.0	0.08	0.387	< 0.01		< 0.01	19.3			< 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					0.012					1.07	< 0.005	< 0.01			16.3		0.361	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.010					1.09	< 0.005	< 0.01			16.6		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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.125	14.1					3.35		7.50		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					0.01			0.055	0.18	0.117	13.8					3.19		7.35		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.151	0.07	0.397	31.4					9.82		24.1		5.53			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.142	12.3							19.3	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.5							20.6	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.38		2.50			2.99	8.27			0.02			2.02	13.6		17.5		0.113	16.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.4				0.27					4.53	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.2				0.27					4.62	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.006	
NCS DC86314 Cert													1.81										

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
NCS DC86314 Meas													1.80									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.011		0.424							0.18	34.2		0.27			56.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.010		0.420							0.18	33.7		0.27			57.1
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	0.10			0.032		22.3	32.0			0.71	< 0.01		0.72	35.5	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
CCU-1e Meas				0.14	0.11			0.031		22.7	32.9			0.75	< 0.01		0.70	36.4	0.01				2.97
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	4810	1940	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1990	1590	245																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.81	0.03	< 0.001	1.22	0.003		0.030	12.0	3.3	< 0.01	0.48	0.66		2.23	16.0	< 0.01	16.3	0.16		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				4.28	0.01		1.51	0.028		3.11	16.8	1.0	< 0.01	1.27	0.07		0.62	13.1	< 0.01	20.2	0.15	< 0.005	2.42
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
A0971977 Orig				1.32	< 0.01	< 0.001	0.65	0.016	0.64	< 0.005	7.46	< 0.1	< 0.01	22.7	0.11	0.110	< 0.01	0.02	< 0.01	17.9	0.05	< 0.005	< 0.01
A0971977 Dup				1.33	< 0.01	< 0.001	0.65	0.016	0.64	< 0.005	7.43	< 0.1	< 0.01	22.7	0.11	0.107	< 0.01	0.02	< 0.01	17.9	0.05	< 0.005	< 0.01
A0971981 Orig	< 2	6	< 5																				
A0971981 Dup	< 2	6	5																				
A0971985 Orig				1.25	< 0.01	< 0.001	1.16	0.014	0.42	< 0.005	7.90	< 0.1	< 0.01	22.0	0.13	0.090	< 0.01	0.04	< 0.01	18.3	0.07	< 0.005	< 0.01
A0971985 Dup				1.26	< 0.01	< 0.001	1.18	0.015	0.42	< 0.005	7.93	< 0.1	< 0.01	22.3	0.13	0.090	< 0.01	0.03	< 0.01	18.2	0.07	< 0.005	< 0.01
A0971991 Orig	< 2	47	92																				
A0971991 Dup	< 2	50	94																				
A0972000 Orig				2.26	< 0.01	< 0.001	10.1	0.006	0.35	0.034	5.05	< 0.1	< 0.01	11.9	0.13	0.031	< 0.01	0.05	< 0.01	25.9	0.11	< 0.005	< 0.01
A0972000 Dup				2.24	< 0.01	< 0.001	10.1	0.006	0.35	0.034	5.01	< 0.1	< 0.01	11.8	0.13	0.029	< 0.01	0.06	< 0.01	25.7	0.10	< 0.005	< 0.01
A0972001 Orig	10	< 5	9																				
A0972001 Dup	9	< 5	9																				
A0972006 Orig				9.76	< 0.01	< 0.001	10.3	0.004	0.11	0.012	3.29	0.2	< 0.01	6.97	0.08	0.015	< 0.01	0.03	< 0.01	23.5	0.06	< 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
A0972006 Dup				9.63	< 0.01	< 0.001	10.5	0.004	0.11	0.012	3.32	0.2	< 0.01	7.09	0.08	0.015	< 0.01	0.03	< 0.01	23.4	0.06	< 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				< 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	0.04	< 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.: **A20-06250**
Report Date: **30-Jun-20**
Date Submitted: **16-Jun-20**
Your Reference: **Crawford (CR20-C-B86)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-24 08:42:06

REPORT **A20-06250**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-06250**
Report Date: **30-Jun-20**
Date Submitted: **16-Jun-20**
Your Reference: **Crawford (CR20-C-B86)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-30 08:31:36

REPORT **A20-06250**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0978042	3	< 5	< 5	0.89	< 0.01	< 0.001	0.11	0.013	0.76	< 0.005	7.00	< 0.1	< 0.01	25.0	0.11	0.243	< 0.01	0.03	< 0.01	17.4	0.05	< 0.005	< 0.01
A0978043	4	< 5	< 5	0.87	< 0.01	< 0.001	0.13	0.013	0.74	< 0.005	6.91	< 0.1	< 0.01	24.0	0.10	0.236	< 0.01	0.02	< 0.01	17.0	0.05	< 0.005	< 0.01
A0978044	< 2	< 5	< 5	7.18	< 0.01	< 0.001	4.40	0.002	0.02	< 0.005	3.84	1.3	< 0.01	2.25	0.07	0.008	< 0.01	0.03	< 0.01	30.0	0.31	< 0.005	< 0.01
A0978045	3	< 5	< 5	0.96	< 0.01	< 0.001	0.14	0.013	0.77	< 0.005	6.77	< 0.1	< 0.01	24.0	0.10	0.247	< 0.01	0.04	< 0.01	17.5	0.05	< 0.005	0.04
A0978046	4	< 5	< 5	0.81	< 0.01	< 0.001	0.12	0.013	0.77	< 0.005	6.90	< 0.1	< 0.01	24.3	0.11	0.245	< 0.01	0.02	< 0.01	17.3	0.04	< 0.005	< 0.01
A0978047	4	< 5	< 5	0.83	< 0.01	< 0.001	0.11	0.012	0.73	< 0.005	6.87	< 0.1	< 0.01	24.3	0.10	0.235	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
A0978048	12	< 5	6	0.91	< 0.01	< 0.001	0.10	0.013	0.75	< 0.005	6.98	< 0.1	< 0.01	24.2	0.09	0.259	< 0.01	0.03	< 0.01	17.6	0.05	< 0.005	< 0.01
A0978049	3	< 5	< 5	0.84	< 0.01	< 0.001	0.10	0.013	0.76	< 0.005	6.44	< 0.1	< 0.01	25.1	0.11	0.245	< 0.01	0.04	< 0.01	17.5	0.04	< 0.005	< 0.01
A0978050	3	< 5	< 5	0.90	< 0.01	< 0.001	0.13	0.013	0.80	< 0.005	6.87	< 0.1	< 0.01	24.1	0.10	0.238	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
A0978051	3	< 5	< 5	0.83	< 0.01	< 0.001	0.11	0.012	0.83	< 0.005	6.28	< 0.1	< 0.01	24.6	0.11	0.247	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
A0978052	3	< 5	< 5	0.92	< 0.01	< 0.001	0.09	0.013	0.72	< 0.005	7.21	< 0.1	< 0.01	23.7	0.10	0.232	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
A0978053	2	< 5	< 5	0.98	< 0.01	< 0.001	0.14	0.012	0.64	< 0.005	6.32	< 0.1	< 0.01	24.0	0.10	0.246	< 0.01	0.03	< 0.01	17.6	0.05	< 0.005	< 0.01
A0978054	3	< 5	< 5	0.93	< 0.01	< 0.001	0.14	0.013	0.74	< 0.005	6.73	< 0.1	< 0.01	23.4	0.10	0.248	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
A0978055	2	< 5	< 5	0.94	< 0.01	< 0.001	0.08	0.013	0.71	< 0.005	7.23	< 0.1	< 0.01	23.8	0.09	0.239	< 0.01	0.02	< 0.01	16.8	0.05	< 0.005	< 0.01
A0978056	4	< 5	< 5	0.92	< 0.01	< 0.001	0.09	0.012	0.73	< 0.005	6.13	< 0.1	< 0.01	23.9	0.10	0.234	< 0.01	0.01	< 0.01	17.3	0.05	< 0.005	< 0.01
A0978057	2	< 5	< 5	0.95	< 0.01	< 0.001	0.11	0.012	0.75	< 0.005	6.42	< 0.1	< 0.01	23.8	0.10	0.247	< 0.01	0.02	< 0.01	17.4	0.05	< 0.005	< 0.01
A0978058	3	< 5	< 5	1.04	< 0.01	< 0.001	0.12	0.013	0.71	< 0.005	7.14	< 0.1	< 0.01	23.4	0.10	0.238	< 0.01	0.02	< 0.01	17.3	0.06	< 0.005	< 0.01
A0978059	< 2	< 5	< 5	1.02	< 0.01	< 0.001	0.24	0.014	0.62	0.007	8.23	< 0.1	< 0.01	23.0	0.11	0.223	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0978060	< 2	< 5	< 5	1.01	< 0.01	< 0.001	0.18	0.014	0.60	< 0.005	8.50	< 0.1	< 0.01	23.6	0.11	0.231	< 0.01	0.01	< 0.01	17.1	0.06	< 0.005	< 0.01
A0978061	12	< 5	< 5	0.33	< 0.01	< 0.001	0.24	0.009	0.10	< 0.005	4.01	< 0.1	< 0.01	26.3	0.06	0.285	< 0.01	0.05	< 0.01	16.6	0.02	< 0.005	< 0.01
A0978062	3	< 5	< 5	1.04	< 0.01	< 0.001	0.19	0.014	0.55	< 0.005	9.52	< 0.1	< 0.01	22.5	0.10	0.218	< 0.01	< 0.01	< 0.01	16.8	0.06	< 0.005	< 0.01
A0978063	< 2	< 5	6	1.04	< 0.01	< 0.001	0.40	0.013	0.60	< 0.005	7.81	< 0.1	< 0.01	22.7	0.11	0.220	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0978064	3	< 5	8	0.92	< 0.01	< 0.001	0.35	0.014	0.62	< 0.005	6.69	< 0.1	< 0.01	23.6	0.11	0.228	< 0.01	0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
A0978065	3	6	6	1.13	< 0.01	< 0.001	0.36	0.013	0.58	< 0.005	8.25	< 0.1	< 0.01	22.9	0.11	0.215	< 0.01	0.02	< 0.01	17.0	0.06	< 0.005	< 0.01
A0978066	3	8	12	1.03	< 0.01	< 0.001	0.51	0.014	0.60	< 0.005	8.35	< 0.1	< 0.01	23.1	0.12	0.221	< 0.01	0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
A0978067	3	13	14	0.95	< 0.01	< 0.001	0.42	0.014	0.62	< 0.005	7.15	< 0.1	< 0.01	23.5	0.12	0.207	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01
A0978068	< 2	9	8	0.97	< 0.01	< 0.001	0.18	0.014	0.62	< 0.005	8.28	< 0.1	< 0.01	23.3	0.11	0.210	< 0.01	< 0.01	< 0.01	17.1	0.05	< 0.005	< 0.01
A0978069	4	6	15	1.08	< 0.01	< 0.001	0.48	0.012	0.61	< 0.005	7.09	< 0.1	< 0.01	23.3	0.11	0.222	< 0.01	0.01	< 0.01	17.5	0.06	< 0.005	< 0.01
A0978070	< 2	< 5	13	0.93	< 0.01	< 0.001	0.35	0.014	0.61	< 0.005	7.93	< 0.1	< 0.01	23.3	0.12	0.224	< 0.01	< 0.01	< 0.01	17.2	0.05	< 0.005	< 0.01
A0978071	< 2	< 5	9	1.05	< 0.01	< 0.001	0.54	0.013	0.62	< 0.005	7.57	< 0.1	< 0.01	23.0	0.11	0.229	< 0.01	0.02	< 0.01	17.7	0.05	< 0.005	< 0.01
A0978072	< 2	7	10	1.03	< 0.01	< 0.001	0.54	0.013	0.62	< 0.005	7.61	< 0.1	< 0.01	23.2	0.12	0.225	< 0.01	0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0978073	< 2	< 5	< 5	1.05	< 0.01	< 0.001	0.48	0.013	0.58	< 0.005	7.15	< 0.1	< 0.01	23.0	0.11	0.225	< 0.01	0.01	< 0.01	17.2	0.06	< 0.005	< 0.01
A0978074	< 2	< 5	12	1.07	< 0.01	< 0.001	0.86	0.013	0.59	< 0.005	7.20	< 0.1	< 0.01	22.8	0.11	0.226	< 0.01	0.03	< 0.01	17.8	0.07	< 0.005	< 0.01
A0978075	< 2	< 5	6	1.25	< 0.01	< 0.001	0.49	0.013	0.59	< 0.005	7.89	< 0.1	< 0.01	22.8	0.12	0.212	< 0.01	0.02	< 0.01	17.1	0.07	< 0.005	< 0.01
A0978076	< 2	9	11	1.14	< 0.01	< 0.001	1.07	0.012	0.51	< 0.005	6.85	< 0.1	< 0.01	22.9	0.11	0.180	< 0.01	< 0.01	< 0.01	18.0	0.06	< 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					0.69														3.51				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.23			0.12	0.013	1.59	< 0.005				32.0	0.08	0.387	< 0.01		< 0.01	19.3			< 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					1.09	< 0.005	< 0.01			16.6		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 74a (Fusion) Meas					0.01			0.055	0.18	0.117	13.8					3.19		7.35		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.151	0.07	0.397	31.4					9.82		24.1		5.53			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.5							20.6	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.38		2.50			2.99	8.27			0.02			2.02	13.6		17.5		0.113	16.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											42.2				0.27					4.62	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.04			0.010		0.420							0.18	33.7		0.27			57.1
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CCU-1e Meas				0.14	0.11			0.031		22.7	32.9			0.75	< 0.01		0.70	36.4	0.01				2.97
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	4990	2020	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1830	1740	227																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
A0978051 Orig	3	< 5	< 5																				
A0978051 Dup	3	< 5	6																				
A0978057 Orig				0.95	< 0.01	< 0.001	0.12	0.012	0.75	< 0.005	6.39	< 0.1	< 0.01	23.8	0.10	0.244	< 0.01	0.02	< 0.01	17.4	0.05	< 0.005	< 0.01
A0978057 Dup				0.95	< 0.01	< 0.001	0.09	0.012	0.75	< 0.005	6.44	< 0.1	< 0.01	23.9	0.10	0.251	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
A0978062 Orig	2	< 5	< 5																				
A0978062 Dup	4	< 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
A0978063 Orig				1.03	< 0.01	< 0.001	0.38	0.013	0.59	< 0.005	7.71	< 0.1	< 0.01	22.4	0.10	0.220	< 0.01	0.01	< 0.01	16.6	0.06	< 0.005	< 0.01
A0978063 Dup				1.06	< 0.01	< 0.001	0.41	0.013	0.61	< 0.005	7.90	< 0.1	< 0.01	23.0	0.11	0.220	< 0.01	< 0.01	< 0.01	17.3	0.06	< 0.005	< 0.01
A0978071 Orig	< 2	6	11																				
A0978071 Dup	< 2	< 5	7																				
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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06252**
Report Date: **03-Jul-20**
Date Submitted: **16-Jun-20**
Your Reference: **Crawford (CR20-C-B87)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-24 08:42:06

REPORT **A20-06252**

Notes:

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.: **A20-06252**
Report Date: **03-Jul-20**
Date Submitted: **16-Jun-20**
Your Reference: **Crawford (CR20-C-B87)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-07-02 12:29:32

REPORT **A20-06252**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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	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
A0978077	< 2	7	12	1.02	< 0.01	< 0.001	0.97	0.014	0.51	< 0.005	7.90	< 0.1	< 0.01	22.9	0.12	0.181	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0978078	< 2	< 5	6	1.13	< 0.01	< 0.001	0.82	0.013	0.51	< 0.005	7.56	< 0.1	< 0.01	22.9	0.12	0.184	< 0.01	< 0.01	< 0.01	17.8	0.06	< 0.005	< 0.01
A0978079	< 2	< 5	5	1.17	< 0.01	< 0.001	1.27	0.013	0.49	< 0.005	7.56	< 0.1	< 0.01	22.3	0.12	0.173	< 0.01	< 0.01	< 0.01	17.9	0.07	< 0.005	< 0.01
A0978080	< 2	< 5	6	1.16	< 0.01	< 0.001	1.42	0.014	0.48	< 0.005	7.46	< 0.1	< 0.01	22.3	0.12	0.176	< 0.01	< 0.01	< 0.01	18.2	0.08	< 0.005	< 0.01
A0978081	12	< 5	< 5	0.34	< 0.01	< 0.001	0.27	0.009	0.10	< 0.005	4.03	< 0.1	< 0.01	26.4	0.06	0.286	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0978082	< 2	< 5	< 5	1.05	< 0.01	< 0.001	1.37	0.013	0.50	< 0.005	7.32	< 0.1	< 0.01	22.9	0.12	0.182	< 0.01	< 0.01	< 0.01	17.7	0.06	< 0.005	< 0.01
A0978083	< 2	< 5	< 5	1.15	< 0.01	< 0.001	1.23	0.014	0.49	0.005	8.03	< 0.1	< 0.01	22.3	0.12	0.172	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0978084	3	9	13	1.07	< 0.01	< 0.001	1.43	0.013	0.47	0.008	7.91	< 0.1	< 0.01	21.9	0.11	0.181	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0978085	3	21	7	1.11	< 0.01	< 0.001	1.53	0.014	0.49	0.014	7.81	< 0.1	< 0.01	21.5	0.12	0.187	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	0.01
A0978086	< 2	21	9	1.20	< 0.01	< 0.001	1.30	0.015	0.45	0.008	8.88	< 0.1	< 0.01	21.2	0.12	0.199	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0978087	3	7	6	1.45	< 0.01	< 0.001	2.22	0.014	0.43	0.006	8.07	< 0.1	< 0.01	20.7	0.13	0.182	< 0.01	0.01	< 0.01	17.5	0.10	< 0.005	< 0.01
A0978088	3	6	10	1.20	< 0.01	< 0.001	1.56	0.014	0.50	0.008	8.21	< 0.1	< 0.01	21.6	0.13	0.186	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
A0978089	< 2	6	9	1.59	< 0.01	< 0.001	3.85	0.012	0.45	0.007	7.25	< 0.1	< 0.01	19.7	0.13	0.167	< 0.01	< 0.01	< 0.01	17.9	0.19	< 0.005	< 0.01
A0978090	< 2	8	11	1.28	< 0.01	< 0.001	1.29	0.013	0.48	0.007	8.44	< 0.1	< 0.01	21.1	0.13	0.179	< 0.01	< 0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0978091	< 2	7	< 5	1.22	< 0.01	< 0.001	1.32	0.014	0.49	0.007	8.00	< 0.1	< 0.01	21.0	0.13	0.188	< 0.01	< 0.01	< 0.01	17.1	0.06	< 0.005	0.01
A0978092	< 2	6	7	1.18	< 0.01	< 0.001	1.62	0.013	0.56	0.012	7.30	< 0.1	< 0.01	21.2	0.13	0.181	< 0.01	< 0.01	< 0.01	17.6	0.06	< 0.005	< 0.01
A0978093	< 2	6	6	1.09	< 0.01	< 0.001	1.68	0.013	0.52	0.009	7.86	< 0.1	< 0.01	21.5	0.12	0.194	< 0.01	< 0.01	< 0.01	18.0	0.07	< 0.005	< 0.01
A0978094	< 2	6	11	1.17	< 0.01	< 0.001	1.58	0.013	0.50	0.007	7.83	< 0.1	< 0.01	21.5	0.12	0.168	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
A0978095	< 2	6	9	1.20	< 0.01	< 0.001	1.78	0.013	0.49	0.005	7.96	< 0.1	< 0.01	21.2	0.12	0.167	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
A0978096	< 2	8	9	1.18	< 0.01	< 0.001	1.85	0.013	0.51	< 0.005	7.99	< 0.1	< 0.01	21.4	0.12	0.170	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
A0978097	< 2	6	10	1.18	< 0.01	< 0.001	1.85	0.013	0.53	< 0.005	8.04	< 0.1	< 0.01	21.5	0.13	0.172	< 0.01	< 0.01	< 0.01	17.4	0.07	< 0.005	< 0.01
A0978098	< 2	6	9	1.22	< 0.01	< 0.001	1.81	0.013	0.59	< 0.005	7.77	< 0.1	< 0.01	22.0	0.13	0.154	< 0.01	< 0.01	< 0.01	18.0	0.07	< 0.005	< 0.01
A0978099	< 2	6	8	1.25	< 0.01	< 0.001	1.77	0.014	0.62	< 0.005	8.01	< 0.1	< 0.01	21.9	0.14	0.154	< 0.01	< 0.01	< 0.01	18.0	0.08	< 0.005	< 0.01
A0978100	< 2	6	7	1.25	< 0.01	< 0.001	1.72	0.014	0.63	< 0.005	8.06	< 0.1	< 0.01	22.0	0.14	0.154	< 0.01	< 0.01	< 0.01	17.8	0.08	< 0.005	< 0.01
A0978101	< 2	6	8	1.22	< 0.01	< 0.001	1.65	0.014	0.58	< 0.005	8.07	< 0.1	< 0.01	22.1	0.14	0.157	< 0.01	< 0.01	< 0.01	17.8	0.07	< 0.005	< 0.01
A0978102	2	6	11	1.26	< 0.01	< 0.001	1.70	0.014	0.60	< 0.005	8.36	< 0.1	< 0.01	21.8	0.14	0.149	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
A0978103	< 2	8	13	1.19	< 0.01	< 0.001	1.74	0.013	0.56	< 0.005	7.85	< 0.1	< 0.01	22.2	0.14	0.151	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
A0978104	< 2	7	13	1.24	< 0.01	< 0.001	1.74	0.013	0.60	< 0.005	8.17	< 0.1	< 0.01	21.9	0.13	0.151	< 0.01	0.01	< 0.01	17.5	0.07	< 0.005	0.01
A0978105	< 2	6	9	1.25	< 0.01	< 0.001	1.66	0.014	0.50	< 0.005	7.72	< 0.1	< 0.01	22.2	0.13	0.156	< 0.01	< 0.01	< 0.01	17.9	0.07	< 0.005	< 0.01
A0978106	< 2	7	14	1.17	< 0.01	< 0.001	1.72	0.014	0.45	< 0.005	7.92	< 0.1	< 0.01	22.3	0.12	0.157	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	0.01
A0978107	< 2	7	19	1.28	< 0.01	< 0.001	1.75	0.014	0.44	< 0.005	8.05	< 0.1	< 0.01	22.1	0.13	0.152	< 0.01	< 0.01	< 0.01	17.9	0.07	< 0.005	< 0.01
A0978108	< 2	8	15	1.22	< 0.01	< 0.001	1.87	0.013	0.43	< 0.005	7.66	< 0.1	< 0.01	22.3	0.13	0.152	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
A0978109	< 2	< 5	< 5	7.28	< 0.01	< 0.001	3.68	0.002	0.01	< 0.005	4.04	1.9	< 0.01	1.75	0.07	0.006	< 0.01	0.03	< 0.01	29.2	0.32	< 0.005	< 0.01
A0978110	< 2	6	12	1.52	< 0.01	< 0.001	2.08	0.013	0.43	< 0.005	7.86	< 0.1	< 0.01	21.7	0.13	0.153	< 0.01	< 0.01	< 0.01	17.9	0.09	< 0.005	< 0.01
A0978111	< 2	7	11	1.27	< 0.01	< 0.001	1.47	0.013	0.44	< 0.005	7.98	< 0.1	< 0.01	22.2	0.12	0.162	< 0.01	< 0.01	< 0.01	17.8	0.07	< 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					0.64														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.69														3.51				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.11	0.014	1.56	< 0.005				31.4	0.08	0.394	< 0.01		< 0.01	19.3			< 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
DTS-2b Meas				0.23			0.12	0.013	1.59	< 0.005				32.0	0.08	0.387	< 0.01		< 0.01	19.3			< 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					0.012					1.07	< 0.005	< 0.01			16.3		0.361	0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.010					1.09	< 0.005	< 0.01			16.6		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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.125	14.1					3.35		7.50		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					0.01			0.055	0.18	0.117	13.8					3.19		7.35		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.151	0.07	0.397	31.4					9.82		24.1		5.53			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.142	12.3							19.3	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.139	12.5							20.6	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
MP-1b Meas					2.38		2.50			2.99	8.27			0.02			2.02	13.6		17.5		0.113	16.2
MP-1b Cert					2.30		2.47			3.07	8.19			0.024			2.09	13.79		16.79		0.110	16.7
AMIS 0129 Meas											43.4				0.27					4.53	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											42.2				0.27					4.62	13.8		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.006	
NCS DC86314 Cert													1.81										

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
NCS DC86314 Meas													1.80									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.011		0.424							0.18	34.2		0.27			56.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.04			0.010		0.420							0.18	33.7		0.27			57.1
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	0.10			0.032		22.3	32.0			0.71	< 0.01		0.72	35.5	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
CCU-1e Meas				0.14	0.11			0.031		22.7	32.9			0.75	< 0.01		0.70	36.4	0.01				2.97
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	4640	2000	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1940	1680	239																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.81	0.03	< 0.001	1.22	0.003		0.030	12.0	3.3	< 0.01	0.48	0.66		2.23	16.0	< 0.01	16.3	0.16		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				4.28	0.01		1.51	0.028		3.11	16.8	1.0	< 0.01	1.27	0.07		0.62	13.1	< 0.01	20.2	0.15	< 0.005	2.42
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
A0978083 Orig				1.16	< 0.01	< 0.001	1.26	0.013	0.49	0.005	8.04	< 0.1	< 0.01	22.3	0.12	0.173	< 0.01	< 0.01	< 0.01	17.7	0.06	< 0.005	0.01
A0978083 Dup				1.14	< 0.01	< 0.001	1.20	0.014	0.49	0.006	8.02	< 0.1	< 0.01	22.3	0.12	0.172	< 0.01	< 0.01	< 0.01	17.5	0.06	< 0.005	< 0.01
A0978086 Orig	< 2	21	7																				
A0978086 Dup	< 2	21	11																				
A0978096 Orig	< 2	9	7	1.18	< 0.01	< 0.001	1.88	0.013	0.52	< 0.005	7.98	< 0.1	< 0.01	21.4	0.12	0.167	< 0.01	0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
A0978096 Dup	< 2	7	11	1.17	< 0.01	< 0.001	1.83	0.013	0.51	< 0.005	8.00	< 0.1	< 0.01	21.4	0.12	0.173	< 0.01	< 0.01	< 0.01	17.3	0.07	< 0.005	< 0.01
A0978105 Orig				1.26	< 0.01	< 0.001	1.64	0.013	0.50	< 0.005	7.66	< 0.1	< 0.01	22.1	0.13	0.154	< 0.01	< 0.01	< 0.01	17.9	0.06	< 0.005	< 0.01
A0978105 Dup				1.25	< 0.01	< 0.001	1.69	0.014	0.50	< 0.005	7.77	< 0.1	< 0.01	22.2	0.13	0.159	< 0.01	< 0.01	< 0.01	17.9	0.07	< 0.005	< 0.01
A0978106 Orig	< 2	7	15																				
A0978106 Dup	< 2	7	12																				
A0978111 Orig				1.27	< 0.01	< 0.001	1.44	0.013	0.44	< 0.005	7.99	< 0.1	< 0.01	22.3	0.12	0.162	< 0.01	< 0.01	< 0.01	17.8	0.07	< 0.005	0.01
A0978111 Dup				1.27	< 0.01	< 0.001	1.49	0.013	0.44	< 0.005	7.96	< 0.1	< 0.01	22.1	0.12	0.162	< 0.01	< 0.01	< 0.01	17.9	0.07	< 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

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				< 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	0.04	< 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.: **A20-06334**
Report Date: **03-Jul-20**
Date Submitted: **17-Jun-20**
Your Reference: **Crawford (CR20-C-B88)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-25 08:05:18

REPORT **A20-06334**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A20-06334**
Report Date: **03-Jul-20**
Date Submitted: **17-Jun-20**
Your Reference: **Crawford (CR20-C-B88)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-07-02 12:29:32

REPORT **A20-06334**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0978112	< 2	8	11	1.29	< 0.01	< 0.001	1.94	0.015	0.45	< 0.005	9.35	< 0.1	< 0.01	21.3	0.12	0.154	< 0.01	< 0.01	< 0.01	17.4	0.08	< 0.005	0.01
A0978113	< 2	8	17	1.16	< 0.01	< 0.001	2.11	0.013	0.44	0.009	7.72	< 0.1	< 0.01	21.1	0.12	0.152	< 0.01	< 0.01	< 0.01	17.4	0.06	< 0.005	< 0.01
A0978114	< 2	7	12	1.30	< 0.01	< 0.001	1.53	0.014	0.47	< 0.005	9.14	< 0.1	< 0.01	21.1	0.14	0.159	< 0.01	< 0.01	< 0.01	17.3	0.07	< 0.005	< 0.01
A0978115	< 2	9	12	1.17	< 0.01	< 0.001	1.70	0.012	0.47	< 0.005	7.55	< 0.1	< 0.01	21.5	0.12	0.168	< 0.01	0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
A0978116	< 2	11	12	1.24	< 0.01	< 0.001	1.79	0.013	0.46	< 0.005	7.59	< 0.1	< 0.01	21.2	0.13	0.167	< 0.01	0.01	< 0.01	18.3	0.07	< 0.005	< 0.01
A0978117	3	8	18	1.39	< 0.01	< 0.001	1.41	0.013	0.43	< 0.005	8.92	< 0.1	< 0.01	21.2	0.13	0.160	< 0.01	< 0.01	< 0.01	17.6	0.07	< 0.005	< 0.01
A0978118	< 2	7	16	1.40	< 0.01	< 0.001	1.36	0.013	0.42	< 0.005	8.93	< 0.1	< 0.01	21.3	0.13	0.161	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
A0978119	< 2	6	5	1.14	< 0.01	< 0.001	1.48	0.013	0.50	< 0.005	7.69	< 0.1	< 0.01	21.8	0.12	0.175	< 0.01	< 0.01	< 0.01	18.1	0.07	< 0.005	< 0.01
A0978120	8	6	8	1.28	< 0.01	< 0.001	1.40	0.014	0.51	< 0.005	8.72	< 0.1	< 0.01	21.4	0.13	0.174	< 0.01	< 0.01	< 0.01	17.2	0.07	< 0.005	< 0.01
A0978121	< 2	9	14	1.14	< 0.01	< 0.001	1.41	0.014	0.50	0.006	7.45	< 0.1	< 0.01	21.6	0.13	0.175	< 0.01	0.02	< 0.01	18.2	0.06	< 0.005	< 0.01
A0978122	< 2	< 5	8	1.31	< 0.01	< 0.001	1.12	0.014	0.57	< 0.005	8.01	< 0.1	< 0.01	21.8	0.12	0.165	< 0.01	< 0.01	< 0.01	17.4	0.09	< 0.005	< 0.01
A0978123	< 2	< 5	5	1.08	< 0.01	< 0.001	0.85	0.014	0.63	< 0.005	7.57	< 0.1	< 0.01	22.2	0.12	0.214	< 0.01	0.03	< 0.01	17.6	0.06	< 0.005	< 0.01
A0978124	< 2	< 5	< 5	1.01	< 0.01	< 0.001	0.60	0.014	0.62	< 0.005	8.98	< 0.1	< 0.01	22.2	0.11	0.215	< 0.01	0.02	< 0.01	17.2	0.05	< 0.005	< 0.01
A0978125	5	36	36	7.34	< 0.01	< 0.001	5.68	0.018	0.02	0.033	9.78	0.6	< 0.01	3.94	0.11	0.707	< 0.01	1.61	< 0.01	24.0	1.00	< 0.005	< 0.01
A0978126	< 2	< 5	5	1.04	< 0.01	< 0.001	0.41	0.013	0.63	< 0.005	7.25	< 0.1	< 0.01	22.7	0.13	0.222	< 0.01	0.02	< 0.01	17.6	0.05	< 0.005	< 0.01
A0978127	< 2	< 5	< 5	1.07	< 0.01	< 0.001	0.67	0.013	0.60	0.006	7.31	< 0.1	< 0.01	22.4	0.13	0.219	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
A0978128	< 2	< 5	5	0.99	< 0.01	< 0.001	0.36	0.013	0.62	0.008	7.25	< 0.1	< 0.01	23.3	0.12	0.221	< 0.01	0.03	< 0.01	17.7	0.05	< 0.005	< 0.01
A0978129	18	< 5	10	0.99	< 0.01	< 0.001	0.18	0.014	0.64	0.005	8.30	< 0.1	< 0.01	22.8	0.12	0.217	< 0.01	0.02	< 0.01	17.1	0.05	< 0.005	< 0.01
A0978130	< 2	< 5	< 5	0.95	< 0.01	< 0.001	0.26	0.014	0.62	0.007	7.57	< 0.1	< 0.01	22.7	0.12	0.225	< 0.01	0.02	< 0.01	17.5	0.05	< 0.005	< 0.01
A0978131	< 2	< 5	< 5	1.04	< 0.01	< 0.001	0.27	0.014	0.62	0.005	7.87	< 0.1	< 0.01	22.7	0.12	0.214	< 0.01	0.03	< 0.01	17.4	0.05	< 0.005	< 0.01
A0978132	< 2	< 5	< 5	1.08	< 0.01	< 0.001	0.27	0.015	0.62	< 0.005	9.73	< 0.1	< 0.01	21.8	0.12	0.193	< 0.01	0.01	< 0.01	17.0	0.06	< 0.005	< 0.01
A0978133	< 2	5	6	0.97	< 0.01	< 0.001	0.20	0.012	0.68	0.008	6.43	< 0.1	< 0.01	23.2	0.12	0.179	< 0.01	0.02	< 0.01	18.2	0.05	< 0.005	< 0.01
A0978134	< 2	9	< 5	0.99	< 0.01	< 0.001	0.16	0.014	0.67	0.007	7.11	< 0.1	< 0.01	23.1	0.13	0.171	< 0.01	0.01	< 0.01	17.9	0.05	< 0.005	< 0.01
A0978135	2	20	12	0.98	< 0.01	< 0.001	0.24	0.012	0.54	0.013	6.40	< 0.1	< 0.01	23.2	0.13	0.189	< 0.01	0.01	< 0.01	18.1	0.05	< 0.005	< 0.01
A0978136	< 2	23	10	1.12	< 0.01	< 0.001	0.24	0.014	0.49	0.009	8.05	< 0.1	< 0.01	22.6	0.12	0.181	< 0.01	0.03	< 0.01	17.6	0.06	< 0.005	< 0.01
A0978137	3	29	14	1.02	< 0.01	< 0.001	0.74	0.015	0.59	0.013	6.75	< 0.1	< 0.01	22.8	0.13	0.200	< 0.01	0.02	< 0.01	17.8	0.05	< 0.005	< 0.01
A0978138	< 2	< 5	< 5	7.19	< 0.01	< 0.001	4.42	0.002	< 0.01	< 0.005	3.44	1.8	< 0.01	1.63	0.06	0.006	< 0.01	0.03	< 0.01	29.2	0.24	< 0.005	< 0.01
A0978139	3	< 5	9	3.66	< 0.01	< 0.001	5.58	0.007	0.33	0.007	5.35	< 0.1	< 0.01	11.6	0.09	0.097	< 0.01	< 0.01	< 0.01	24.4	0.10	< 0.005	< 0.01
A0978140	< 2	< 5	7	7.16	< 0.01	< 0.001	0.64	< 0.002	< 0.01	< 0.005	1.00	< 0.1	< 0.01	0.29	0.01	< 0.005	< 0.01	< 0.01	< 0.01	29.7	0.15	< 0.005	< 0.01
A0978141	< 2	< 5	< 5	7.05	< 0.01	< 0.001	0.61	< 0.002	< 0.01	< 0.005	1.26	0.1	< 0.01	0.46	0.01	< 0.005	< 0.01	< 0.01	< 0.01	30.0	0.14	< 0.005	< 0.01
A0978142	< 2	< 5	< 5	6.72	< 0.01	< 0.001	0.45	0.002	< 0.01	< 0.005	1.17	< 0.1	< 0.01	0.43	0.01	< 0.005	< 0.01	0.01	< 0.01	29.5	0.14	< 0.005	< 0.01
A0978143	< 2	< 5	< 5	6.60	< 0.01	< 0.001	1.29	< 0.002	< 0.01	< 0.005	1.33	0.2	< 0.01	0.37	0.02	< 0.005	< 0.01	0.01	< 0.01	29.3	0.13	< 0.005	< 0.01
A0978144	< 2	< 5	< 5	6.64	< 0.01	< 0.001	0.76	< 0.002	< 0.01	< 0.005	1.32	0.2	< 0.01	0.32	0.01	< 0.005	< 0.01	< 0.01	< 0.01	29.7	0.14	< 0.005	< 0.01
A0978145	< 2	< 5	< 5	6.38	< 0.01	< 0.001	1.25	< 0.002	< 0.01	< 0.005	1.38	0.2	< 0.01	0.47	0.02	< 0.005	< 0.01	< 0.01	< 0.01	29.4	0.13	< 0.005	< 0.01
A0978146	< 2	< 5	< 5	6.39	< 0.01	< 0.001	1.75	< 0.002	< 0.01	< 0.005	1.29	0.3	< 0.01	0.58	0.02	< 0.005	< 0.01	< 0.01	< 0.01	29.8	0.13	< 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				0.23			0.11	0.014	1.56	< 0.005				30.8	0.08	0.377	< 0.01		< 0.01	19.4			< 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					1.08	< 0.005	< 0.01			16.8		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.124	14.4					3.25		7.33		15.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.168	0.06	0.408	32.2					10.7		24.3		5.64			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
AMIS 0129 Meas											40.8				0.28					4.56	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.421							0.19	34.2		0.27			55.3
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				0.14	0.10			0.031		22.4	32.2			0.69	< 0.01		0.70	34.3	0.01				2.85
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	4560	2010	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1920	1650	240																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.88	0.03	< 0.001	1.23	0.003		0.029	12.5	3.3	< 0.01	0.52	0.66		2.25	16.8	< 0.01	16.9	0.15		12.9
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				4.42	0.01		1.51	0.030		3.31	17.3	0.9	< 0.01	1.36	0.07		0.60	13.6	< 0.01	20.7	0.15	< 0.005	2.21
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

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
OREAS 624 (Peroxide Fusion) Meas				4.37	< 0.01		1.45	0.027		3.20	16.8	1.0	< 0.01	1.27	0.07		0.61	13.1	< 0.01	20.7	0.15	< 0.005	2.26
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
A0978117 Orig				1.39	< 0.01	< 0.001	1.42	0.013	0.43	< 0.005	8.96	< 0.1	< 0.01	21.3	0.13	0.161	< 0.01	< 0.01	< 0.01	17.7	0.07	< 0.005	< 0.01
A0978117 Dup				1.39	< 0.01	< 0.001	1.40	0.013	0.43	< 0.005	8.89	< 0.1	< 0.01	21.2	0.13	0.158	< 0.01	< 0.01	< 0.01	17.5	0.07	< 0.005	< 0.01
A0978121 Orig	< 2	9	17																				
A0978121 Dup	< 2	9	10																				
A0978125 Orig				7.30	< 0.01	< 0.001	5.69	0.018	0.02	0.033	9.81	0.6	< 0.01	3.95	0.11	0.710	< 0.01	1.61	< 0.01	24.0	1.00	< 0.005	0.01
A0978125 Dup				7.39	< 0.01	< 0.001	5.67	0.019	0.02	0.032	9.76	0.6	< 0.01	3.93	0.11	0.704	< 0.01	1.60	< 0.01	24.0	1.01	< 0.005	< 0.01
A0978131 Orig	< 2	< 5	< 5																				
A0978131 Dup	< 2	< 5	6																				
A0978140 Orig				7.14	< 0.01	< 0.001	0.64	< 0.002	< 0.01	< 0.005	1.00	< 0.1	< 0.01	0.29	0.01	< 0.005	< 0.01	< 0.01	< 0.01	29.7	0.15	< 0.005	< 0.01
A0978140 Dup				7.18	< 0.01	< 0.001	0.65	< 0.002	< 0.01	< 0.005	1.01	< 0.1	< 0.01	0.29	0.01	< 0.005	< 0.01	< 0.01	< 0.01	29.8	0.15	< 0.005	< 0.01
A0978141 Orig	< 2	< 5	< 5																				
A0978141 Dup	< 2	< 5	< 5																				
A0978146 Orig				6.43	< 0.01	< 0.001	1.72	< 0.002	< 0.01	< 0.005	1.28	0.2	< 0.01	0.58	0.02	< 0.005	< 0.01	< 0.01	< 0.01	29.6	0.13	< 0.005	< 0.01
A0978146 Dup				6.35	< 0.01	< 0.001	1.77	< 0.002	< 0.01	< 0.005	1.30	0.3	< 0.01	0.58	0.02	0.005	< 0.01	0.01	< 0.01	29.9	0.13	< 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	6																				
Method Blank	< 2	< 5	< 5																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06391**
Report Date: **03-Jul-20**
Date Submitted: **18-Jun-20**
Your Reference: **Crawford (CR20-C-A157)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-07-02 14:21:19

REPORT **A20-06391**

Notes:

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.: **A20-06391**
Report Date: **03-Jul-20**
Date Submitted: **18-Jun-20**
Your Reference: **Crawford (CR20-C-A157)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-25 08:05:18

REPORT **A20-06391**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0972007	< 2	< 5	< 5	8.14	< 0.01	< 0.001	9.64	0.003	0.12	0.013	3.24	< 0.1	< 0.01	6.23	0.08	0.010	< 0.01	0.02	< 0.01	23.8	0.06	< 0.005	< 0.01
A0972008	< 2	< 5	< 5	8.63	< 0.01	< 0.001	10.1	0.004	0.11	0.006	3.87	0.1	< 0.01	7.49	0.09	0.012	< 0.01	0.02	< 0.01	23.3	0.06	< 0.005	< 0.01
A0972009	< 2	< 5	< 5	8.63	< 0.01	< 0.001	10.5	0.004	0.11	0.005	3.98	0.2	< 0.01	7.38	0.09	0.012	< 0.01	< 0.01	< 0.01	23.1	0.07	< 0.005	< 0.01
A0972010	< 2	< 5	< 5	8.98	< 0.01	< 0.001	9.51	0.004	0.09	0.011	3.89	0.2	< 0.01	6.99	0.08	0.011	< 0.01	0.03	< 0.01	23.0	0.06	< 0.005	< 0.01
A0972011	4	37	32	7.40	< 0.01	< 0.001	5.73	0.018	0.02	0.033	9.81	0.6	< 0.01	3.96	0.11	0.715	< 0.01	1.63	< 0.01	24.1	1.01	< 0.005	< 0.01
A0972012	< 2	< 5	< 5	9.20	< 0.01	< 0.001	9.92	0.004	0.08	0.010	3.62	0.1	< 0.01	6.67	0.08	0.014	< 0.01	0.02	< 0.01	23.7	0.06	< 0.005	< 0.01
A0972013	4	< 5	< 5	9.13	< 0.01	< 0.001	10.3	0.005	0.08	0.016	3.96	< 0.1	< 0.01	6.98	0.09	0.014	< 0.01	0.05	< 0.01	23.1	0.07	< 0.005	< 0.01
A0972014	< 2	< 5	< 5	8.93	< 0.01	< 0.001	9.83	0.005	0.08	0.012	3.88	0.1	< 0.01	7.00	0.09	0.013	< 0.01	0.04	< 0.01	23.6	0.07	< 0.005	< 0.01
A0972015	3	< 5	< 5	8.81	< 0.01	< 0.001	9.68	0.004	0.08	0.008	3.87	< 0.1	< 0.01	7.08	0.09	0.010	< 0.01	0.02	< 0.01	23.5	0.07	< 0.005	< 0.01
A0972016	< 2	< 5	< 5	8.74	< 0.01	< 0.001	9.91	0.004	0.08	0.008	3.95	< 0.1	< 0.01	7.27	0.09	0.008	< 0.01	0.02	< 0.01	23.5	0.07	< 0.005	< 0.01
A0972017	< 2	< 5	< 5	9.18	< 0.01	< 0.001	10.1	0.004	0.07	0.014	3.76	0.1	< 0.01	6.58	0.09	0.013	< 0.01	0.04	< 0.01	23.9	0.07	< 0.005	< 0.01
A0972018	3	< 5	< 5	9.05	< 0.01	< 0.001	10.2	0.004	0.06	0.015	3.80	< 0.1	< 0.01	6.63	0.09	0.013	< 0.01	0.03	< 0.01	23.4	0.07	< 0.005	< 0.01
A0972019	3	< 5	< 5	6.56	< 0.01	< 0.001	7.21	0.003	0.05	0.008	3.19	< 0.1	< 0.01	5.59	0.07	0.008	< 0.01	0.02	< 0.01	17.3	0.05	< 0.005	< 0.01
A0972020	< 2	< 5	< 5	9.28	< 0.01	< 0.001	10.4	0.004	0.06	0.015	3.82	< 0.1	< 0.01	6.65	0.09	0.017	< 0.01	0.06	< 0.01	23.6	0.07	< 0.005	< 0.01
A0972021	< 2	< 5	< 5	6.98	< 0.01	< 0.001	5.69	0.003	0.01	< 0.005	4.16	1.7	< 0.01	2.38	0.07	0.008	< 0.01	0.02	< 0.01	27.6	0.34	< 0.005	< 0.01
A0972022	< 2	< 5	< 5	8.88	< 0.01	< 0.001	10.7	0.004	0.06	0.017	3.88	0.1	< 0.01	6.58	0.09	0.011	< 0.01	0.07	< 0.01	23.7	0.07	< 0.005	< 0.01
A0972023	< 2	< 5	< 5	8.89	< 0.01	< 0.001	10.6	0.004	0.06	0.017	3.90	0.1	< 0.01	6.68	0.09	0.012	< 0.01	0.03	< 0.01	24.0	0.08	< 0.005	< 0.01
A0972024	< 2	< 5	< 5	8.67	< 0.01	< 0.001	10.7	0.004	0.06	0.015	3.95	< 0.1	< 0.01	6.67	0.09	0.010	< 0.01	0.04	< 0.01	23.1	0.07	< 0.005	< 0.01
A0972025	< 2	< 5	< 5	8.71	< 0.01	< 0.001	10.6	0.004	0.05	0.012	4.05	< 0.1	< 0.01	6.81	0.09	0.006	< 0.01	0.04	< 0.01	23.5	0.07	< 0.005	< 0.01
A0972026	< 2	< 5	< 5	8.86	< 0.01	< 0.001	10.9	0.004	0.05	0.013	3.96	< 0.1	< 0.01	6.54	0.10	0.011	< 0.01	0.05	< 0.01	23.7	0.08	< 0.005	< 0.01
A0972027	< 2	< 5	< 5	8.78	< 0.01	< 0.001	10.2	0.004	0.05	0.013	3.93	< 0.1	< 0.01	6.44	0.09	0.014	< 0.01	0.04	< 0.01	23.6	0.08	< 0.005	< 0.01
A0972028	< 2	< 5	< 5	8.80	< 0.01	< 0.001	9.76	0.004	0.04	0.016	4.11	0.1	< 0.01	6.66	0.10	0.011	< 0.01	0.05	< 0.01	23.9	0.07	< 0.005	< 0.01
A0972029	< 2	< 5	< 5	9.19	< 0.01	< 0.001	10.6	0.004	0.05	0.014	3.89	0.2	< 0.01	6.28	0.09	0.008	< 0.01	0.06	< 0.01	23.6	0.07	< 0.005	< 0.01
A0972030	< 2	< 5	< 5	8.89	< 0.01	< 0.001	10.2	0.004	0.04	0.014	4.10	< 0.1	< 0.01	6.64	0.09	0.010	< 0.01	0.06	< 0.01	23.4	0.07	< 0.005	< 0.01
A0972031	< 2	< 5	< 5	8.88	< 0.01	< 0.001	10.0	0.004	0.04	0.012	4.07	< 0.1	< 0.01	6.62	0.10	0.008	< 0.01	0.04	< 0.01	24.1	0.08	< 0.005	< 0.01
A0972032	< 2	< 5	< 5	8.73	< 0.01	< 0.001	10.1	0.004	0.04	0.014	4.15	< 0.1	< 0.01	6.57	0.10	0.009	< 0.01	0.05	< 0.01	23.8	0.08	< 0.005	< 0.01
A0972033	< 2	< 5	< 5	9.25	< 0.01	< 0.001	11.4	0.004	0.04	0.014	3.80	< 0.1	< 0.01	6.15	0.09	0.009	< 0.01	0.05	< 0.01	24.0	0.08	< 0.005	< 0.01
A0972034	< 2	< 5	< 5	8.77	< 0.01	< 0.001	10.3	0.005	0.04	0.016	4.06	0.2	< 0.01	6.38	0.10	0.008	< 0.01	0.04	< 0.01	23.4	0.08	< 0.005	< 0.01
A0972035	4	< 5	< 5	9.07	< 0.01	< 0.001	10.1	0.004	0.04	0.015	4.18	0.2	< 0.01	6.61	0.10	0.010	< 0.01	0.03	< 0.01	24.3	0.08	< 0.005	< 0.01
A0972036	< 2	< 5	< 5	8.82	< 0.01	< 0.001	9.46	0.004	0.03	0.014	4.27	0.1	< 0.01	6.70	0.10	0.009	< 0.01	0.04	< 0.01	23.7	0.07	< 0.005	< 0.01
A0972037	< 2	< 5	< 5	7.68	< 0.01	< 0.001	9.80	0.005	0.03	0.018	4.49	0.2	< 0.01	7.59	0.11	0.014	< 0.01	0.09	< 0.01	23.9	0.08	< 0.005	< 0.01
A0972038	< 2	< 5	< 5	8.70	< 0.01	< 0.001	9.77	0.004	0.03	0.015	4.07	0.3	< 0.01	7.22	0.10	0.009	< 0.01	0.03	< 0.01	24.7	0.06	< 0.005	< 0.01
A0972039	< 2	< 5	< 5	8.82	< 0.01	< 0.001	8.70	0.004	0.02	0.010	3.84	0.6	< 0.01	7.34	0.09	0.008	< 0.01	0.02	< 0.01	23.2	0.06	< 0.005	< 0.01
A0972040	< 2	< 5	< 5	9.07	< 0.01	< 0.001	10.3	0.004	0.02	0.011	3.82	0.2	< 0.01	6.65	0.10	0.006	< 0.01	0.02	< 0.01	23.4	0.06	< 0.005	< 0.01
A0972041	< 2	< 5	< 5	8.36	< 0.01	< 0.001	8.99	0.005	0.01	0.011	4.05	0.3	< 0.01	7.24	0.10	< 0.005	< 0.01	0.02	< 0.01	23.6	0.06	< 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				0.23			0.11	0.014	1.56	< 0.005				30.8	0.08	0.377	< 0.01		< 0.01	19.4			< 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					1.08	< 0.005	< 0.01			16.8		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.124	14.4					3.25		7.33		15.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.168	0.06	0.408	32.2					10.7		24.3		5.64			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
AMIS 0129 Meas											40.8				0.28					4.56	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.421							0.19	34.2		0.27			55.3
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				0.14	0.10			0.031		22.4	32.2			0.69	< 0.01		0.70	34.3	0.01				2.85
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	4690	2050	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1870	1650	246																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.88	0.03	< 0.001	1.23	0.003		0.029	12.5	3.3	< 0.01	0.52	0.66		2.25	16.8	< 0.01	16.9	0.15		12.9
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				4.42	0.01		1.51	0.030		3.31	17.3	0.9	< 0.01	1.36	0.07		0.60	13.6	< 0.01	20.7	0.15	< 0.005	2.21
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

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
OREAS 624 (Peroxide Fusion) Meas				4.37	< 0.01		1.45	0.027		3.20	16.8	1.0	< 0.01	1.27	0.07		0.61	13.1	< 0.01	20.7	0.15	< 0.005	2.26
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
A0972016 Orig	< 2	< 5	< 5																				
A0972016 Dup	8	< 5	< 5																				
A0972022 Orig				9.00	< 0.01	< 0.001	10.7	0.004	0.06	0.017	3.87	0.1	< 0.01	6.58	0.09	0.009	< 0.01	0.07	< 0.01	23.8	0.07	< 0.005	< 0.01
A0972022 Dup				8.75	< 0.01	< 0.001	10.7	0.004	0.06	0.017	3.88	0.1	< 0.01	6.59	0.09	0.014	< 0.01	0.07	< 0.01	23.6	0.07	< 0.005	< 0.01
A0972026 Orig	< 2	< 5	< 5																				
A0972026 Dup	< 2	< 5	< 5																				
A0972028 Orig				8.82	< 0.01	< 0.001	9.79	0.004	0.04	0.016	4.13	0.1	< 0.01	6.69	0.10	0.015	< 0.01	0.04	< 0.01	23.9	0.07	< 0.005	< 0.01
A0972028 Dup				8.78	< 0.01	< 0.001	9.72	0.004	0.04	0.016	4.10	0.1	< 0.01	6.63	0.10	0.007	< 0.01	0.06	< 0.01	23.9	0.07	< 0.005	< 0.01
A0972036 Orig	< 2	< 5	< 5																				
A0972036 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	< 0.01	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06453**
Report Date: **30-Jun-20**
Date Submitted: **19-Jun-20**
Your Reference: **Crawford (CR20-C-A158)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

27 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-25 11:24:08
8-Peroxide ICP Timmins	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP Timmins)	2020-06-25 08:05:18

REPORT **A20-06453**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0972042	2	< 5	< 5	8.48	< 0.01	< 0.001	10.1	0.004	0.01	0.010	3.82	0.1	< 0.01	6.90	0.10	< 0.005	< 0.01	< 0.01	< 0.01	23.9	0.06	< 0.005	< 0.01
A0972043	< 2	< 5	< 5	7.94	< 0.01	< 0.001	10.1	0.005	0.02	0.014	4.14	0.1	< 0.01	7.49	0.10	0.006	< 0.01	0.03	< 0.01	23.8	0.06	< 0.005	< 0.01
A0972044	< 2	< 5	< 5	6.88	< 0.01	< 0.001	11.4	0.005	0.03	0.016	4.54	< 0.1	< 0.01	8.17	0.11	0.010	< 0.01	0.04	< 0.01	23.4	0.06	< 0.005	< 0.01
A0972045	< 2	14	9	1.71	< 0.01	< 0.001	2.93	0.016	0.22	0.030	10.8	< 0.1	< 0.01	18.4	0.18	0.076	< 0.01	0.18	< 0.01	21.2	0.06	< 0.005	< 0.01
A0972046	10	< 5	< 5	0.34	< 0.01	< 0.001	0.29	0.009	0.10	< 0.005	4.15	< 0.1	< 0.01	26.0	0.06	0.283	< 0.01	0.05	< 0.01	17.1	0.02	< 0.005	< 0.01
A0972047	< 2	18	8	1.40	< 0.01	< 0.001	0.70	0.020	0.29	0.030	11.5	< 0.1	< 0.01	19.8	0.15	0.142	< 0.01	0.09	< 0.01	18.8	0.05	< 0.005	0.01
A0972048	< 2	11	< 5	1.98	< 0.01	< 0.001	2.99	0.017	0.15	< 0.005	10.5	< 0.1	< 0.01	18.2	0.19	0.128	< 0.01	0.04	< 0.01	19.3	0.05	< 0.005	< 0.01
A0972049	< 2	10	< 5	1.79	< 0.01	< 0.001	1.77	0.019	0.29	0.013	11.3	< 0.1	< 0.01	19.2	0.17	0.113	< 0.01	0.05	< 0.01	18.8	0.05	< 0.005	0.01
A0972050	< 2	7	< 5	1.62	< 0.01	< 0.001	1.66	0.018	0.36	0.018	12.3	< 0.1	< 0.01	19.0	0.18	0.113	< 0.01	0.07	< 0.01	18.9	0.05	< 0.005	< 0.01
A0972051	< 2	8	< 5	1.58	< 0.01	< 0.001	1.57	0.018	0.36	0.019	12.1	< 0.1	< 0.01	18.6	0.18	0.112	< 0.01	0.07	< 0.01	18.6	0.05	< 0.005	0.01
A0972052	< 2	8	< 5	1.53	< 0.01	< 0.001	2.17	0.017	0.39	0.008	12.3	< 0.1	< 0.01	18.6	0.20	0.142	< 0.01	0.05	< 0.01	19.0	0.05	< 0.005	0.01
A0972053	< 2	11	< 5	1.65	< 0.01	< 0.001	2.34	0.016	0.45	0.011	12.1	< 0.1	< 0.01	18.2	0.20	0.140	< 0.01	0.05	< 0.01	19.0	0.05	< 0.005	< 0.01
A0972054	< 2	12	< 5	1.61	< 0.01	< 0.001	1.56	0.013	0.42	0.012	12.0	< 0.1	< 0.01	18.8	0.18	0.144	< 0.01	0.06	< 0.01	18.5	0.06	< 0.005	0.01
A0972055	< 2	10	< 5	1.66	< 0.01	< 0.001	1.46	0.013	0.36	0.006	10.9	< 0.1	< 0.01	19.2	0.17	0.137	< 0.01	0.06	< 0.01	18.9	0.04	< 0.005	0.01
A0972056	< 2	< 5	< 5	7.21	< 0.01	< 0.001	4.81	0.003	0.01	< 0.005	3.82	1.9	< 0.01	2.03	0.06	< 0.005	< 0.01	0.02	< 0.01	29.1	0.30	< 0.005	< 0.01
A0972057	< 2	11	< 5	1.43	< 0.01	< 0.001	0.69	0.014	0.38	< 0.005	12.0	< 0.1	< 0.01	19.2	0.14	0.144	< 0.01	0.07	< 0.01	18.4	0.04	< 0.005	0.01
A0972058	< 2	7	< 5	1.73	< 0.01	< 0.001	1.13	0.013	0.34	< 0.005	10.6	< 0.1	< 0.01	18.9	0.14	0.137	< 0.01	0.07	< 0.01	18.9	0.04	< 0.005	< 0.01
A0972059	< 2	10	< 5	1.71	< 0.01	< 0.001	1.11	0.014	0.31	< 0.005	11.3	< 0.1	< 0.01	19.1	0.17	0.150	< 0.01	0.05	< 0.01	18.1	0.05	< 0.005	< 0.01
A0972060	< 2	16	12	2.01	< 0.01	< 0.001	3.18	0.012	0.28	< 0.005	9.17	< 0.1	< 0.01	17.6	0.17	0.120	< 0.01	0.05	< 0.01	19.6	0.05	< 0.005	0.01
A0972061	< 2	10	< 5	1.74	< 0.01	< 0.001	2.21	0.013	0.36	< 0.005	10.0	< 0.1	< 0.01	17.9	0.18	0.126	< 0.01	0.05	< 0.01	18.9	0.06	< 0.005	0.01
A0972062	< 2	6	8	4.22	< 0.01	< 0.001	8.46	0.008	0.16	< 0.005	7.16	< 0.1	< 0.01	13.8	0.16	0.068	< 0.01	0.02	< 0.01	20.7	0.23	< 0.005	< 0.01
A0972063	< 2	9	< 5	4.16	< 0.01	< 0.001	4.93	0.010	0.22	< 0.005	8.30	< 0.1	< 0.01	15.2	0.16	0.088	< 0.01	0.05	< 0.01	19.0	0.26	< 0.005	0.01
A0972064	< 2	9	< 5	4.82	< 0.01	< 0.001	5.08	0.009	0.23	< 0.005	7.89	< 0.1	< 0.01	14.9	0.14	0.083	< 0.01	0.04	< 0.01	19.1	0.18	< 0.005	0.01
A0972065	< 2	10	9	4.34	< 0.01	< 0.001	4.79	0.010	0.33	< 0.005	8.12	< 0.1	< 0.01	15.4	0.13	0.109	< 0.01	0.05	< 0.01	19.7	0.05	< 0.005	0.01
A0972066	< 2	< 5	< 5	3.30	< 0.01	< 0.001	4.34	0.011	0.39	< 0.005	8.20	< 0.1	< 0.01	16.0	0.14	0.118	< 0.01	0.06	< 0.01	19.7	0.05	< 0.005	0.01
A0972067	< 2	15	10	1.96	< 0.01	< 0.001	1.68	0.013	0.33	0.006	9.75	< 0.1	< 0.01	18.1	0.16	0.126	< 0.01	0.07	< 0.01	19.5	0.04	< 0.005	0.01
A0972068	< 2	10	7	3.12	< 0.01	< 0.001	2.82	0.013	0.28	< 0.005	9.90	< 0.1	< 0.01	16.4	0.16	0.147	< 0.01	0.06	< 0.01	19.4	0.05	< 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					0.64														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.11	0.014	1.56	< 0.005				31.4	0.08	0.394	< 0.01		< 0.01	19.3			< 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
DTS-2b Meas				0.23			0.11	0.014	1.56	< 0.005				30.8	0.08	0.377	< 0.01		< 0.01	19.4			< 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					0.012					1.07	< 0.005	< 0.01			16.3		0.361	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 74a (Fusion) Meas					< 0.01			0.058	0.18	0.125	14.1					3.35		7.50		15.5			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.124	14.4					3.25		7.33		15.7			
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		0.142	12.3							19.3	0.01				17.4
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											43.4				0.27					4.53	13.5		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
AMIS 0129 Meas											40.8				0.28					4.56	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.80									0.006	
NCS DC86314 Cert													1.81										
NCS DC86314 Meas													1.79									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.011		0.424							0.18	34.2		0.27			56.1
CZN-4 Cert				0.0715	0.0356			0.0094		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.03			0.009		0.421							0.19	34.2		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07

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
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.032		22.3	32.0			0.71	< 0.01		0.72	35.5	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
CCU-1e Meas				0.14	0.10			0.031		22.4	32.2			0.69	< 0.01		0.70	34.3	0.01				2.85
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	4920	2020	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1950	1670	235																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.81	0.03	< 0.001	1.22	0.003		0.030	12.0	3.3	< 0.01	0.48	0.66		2.23	16.0	< 0.01	16.3	0.16		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				4.28	0.01		1.51	0.028		3.11	16.8	1.0	< 0.01	1.27	0.07		0.62	13.1	< 0.01	20.2	0.15	< 0.005	2.42
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
OREAS 624 (Peroxide Fusion) Meas				4.37	< 0.01		1.45	0.027		3.20	16.8	1.0	< 0.01	1.27	0.07		0.61	13.1	< 0.01	20.7	0.15	< 0.005	2.26
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
A0972048 Orig				1.98	< 0.01	< 0.001	2.98	0.017	0.15	< 0.005	10.5	< 0.1	< 0.01	18.3	0.19	0.128	< 0.01	0.04	< 0.01	19.1	0.05	< 0.005	< 0.01
A0972048 Dup				1.99	< 0.01	< 0.001	3.00	0.017	0.15	< 0.005	10.4	< 0.1	< 0.01	18.1	0.19	0.127	< 0.01	0.04	< 0.01	19.4	0.06	< 0.005	< 0.01
A0972051 Orig	4	8	< 5																				
A0972051 Dup	< 2	8	< 5																				
A0972055 Orig				1.66	< 0.01	< 0.001	1.50	0.013	0.36	0.006	10.9	< 0.1	< 0.01	19.2	0.17	0.136	< 0.01	0.05	< 0.01	18.9	0.04	< 0.005	0.01
A0972055 Dup				1.66	< 0.01	< 0.001	1.43	0.013	0.36	0.006	10.9	< 0.1	< 0.01	19.1	0.17	0.139	< 0.01	0.07	< 0.01	18.8	0.04	< 0.005	0.01
A0972059 Orig				1.71	< 0.01	< 0.001	1.12	0.014	0.31	< 0.005	11.3	< 0.1	< 0.01	19.2	0.17	0.150	< 0.01	0.04	< 0.01	18.2	0.05	< 0.005	< 0.01
A0972059 Dup				1.71	< 0.01	< 0.001	1.09	0.014	0.31	< 0.005	11.3	< 0.1	< 0.01	19.1	0.17	0.150	< 0.01	0.06	< 0.01	18.0	0.05	< 0.005	0.01
A0972061 Orig	< 2	10	< 5																				
A0972061 Dup	< 2	10	< 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	0.04	< 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.: **A20-06455**
Report Date: **09-Jul-20**
Date Submitted: **19-Jun-20**
Your Reference: **Crawford (CR20-C-B89)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 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)	2020-06-25 08:05:18

REPORT **A20-06455**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-06455**
Report Date: **09-Jul-20**
Date Submitted: **19-Jun-20**
Your Reference: **Crawford (CR20-C-B89)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-07-06 10:54:42

REPORT **A20-06455**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
A0978147	< 2	8	8	4.33	< 0.01	< 0.001	6.89	0.009	0.24	< 0.005	7.78	0.1	< 0.01	11.1	0.13	0.071	< 0.01	0.02	< 0.01	22.3	0.23	< 0.005	< 0.01
A0978148	2	13	6	5.81	< 0.01	< 0.001	7.97	0.005	0.10	< 0.005	4.49	0.8	< 0.01	5.19	0.10	0.033	< 0.01	0.03	< 0.01	24.3	0.28	< 0.005	< 0.01
A0978149	11	< 5	< 5	0.33	< 0.01	< 0.001	0.30	0.009	0.10	< 0.005	4.02	< 0.1	< 0.01	26.6	0.06	0.282	< 0.01	0.06	< 0.01	16.9	0.02	< 0.005	< 0.01
A0978150	3	< 5	< 5	5.91	< 0.01	< 0.001	4.10	< 0.002	0.02	< 0.005	2.16	0.5	< 0.01	1.25	0.06	< 0.005	< 0.01	0.01	< 0.01	30.2	0.15	< 0.005	< 0.01
A0978151	< 2	< 5	< 5	8.31	< 0.01	< 0.001	1.72	< 0.002	< 0.01	< 0.005	2.23	0.9	< 0.01	0.85	0.03	< 0.005	< 0.01	0.02	< 0.01	30.4	0.50	< 0.005	< 0.01
A0978152	< 2	< 5	< 5	7.96	< 0.01	< 0.001	3.25	0.002	< 0.01	< 0.005	2.95	1.0	< 0.01	0.98	0.06	0.011	< 0.01	0.01	< 0.01	29.3	0.43	< 0.005	< 0.01
A0978153	< 2	< 5	< 5	6.85	< 0.01	< 0.001	3.10	< 0.002	< 0.01	< 0.005	2.96	0.9	< 0.01	0.83	0.05	0.006	< 0.01	0.01	< 0.01	30.5	0.20	< 0.005	< 0.01
A0978154	< 2	< 5	< 5	7.36	< 0.01	< 0.001	2.31	< 0.002	< 0.01	< 0.005	3.04	0.8	< 0.01	0.74	0.04	0.006	< 0.01	< 0.01	< 0.01	30.3	0.16	< 0.005	< 0.01
A0978155	< 2	< 5	< 5	5.91	< 0.01	< 0.001	1.92	< 0.002	< 0.01	< 0.005	2.21	0.7	< 0.01	0.64	0.03	0.007	< 0.01	0.02	< 0.01	30.8	0.13	< 0.005	< 0.01
A0978156	< 2	9	< 5	8.07	< 0.01	< 0.001	3.80	< 0.002	< 0.01	0.006	2.10	1.3	< 0.01	0.62	0.04	0.006	< 0.01	0.01	< 0.01	29.9	0.32	< 0.005	< 0.01
A0978157	< 2	< 5	< 5	7.93	< 0.01	< 0.001	4.43	< 0.002	< 0.01	0.006	2.47	0.8	< 0.01	0.70	0.04	0.011	< 0.01	0.01	< 0.01	29.6	0.31	< 0.005	< 0.01
A0978158	< 2	< 5	< 5	8.26	< 0.01	< 0.001	3.27	< 0.002	< 0.01	< 0.005	2.99	0.9	< 0.01	0.76	0.04	0.006	< 0.01	0.02	< 0.01	29.6	0.33	< 0.005	< 0.01
A0978159	4	< 5	< 5	8.12	< 0.01	< 0.001	3.37	< 0.002	< 0.01	< 0.005	2.99	0.9	< 0.01	0.68	0.04	0.008	< 0.01	0.03	< 0.01	29.3	0.31	< 0.005	< 0.01
A0978160	< 2	< 5	< 5	8.50	< 0.01	< 0.001	3.32	< 0.002	< 0.01	< 0.005	2.81	0.9	< 0.01	0.86	0.06	0.009	< 0.01	0.02	< 0.01	29.0	0.33	< 0.005	< 0.01
A0978161	< 2	< 5	< 5	7.55	< 0.01	< 0.001	6.46	< 0.002	< 0.01	< 0.005	2.74	1.2	< 0.01	0.76	0.06	0.009	< 0.01	0.01	< 0.01	28.6	0.30	< 0.005	< 0.01
A0978162	< 2	< 5	< 5	7.03	< 0.01	< 0.001	4.77	< 0.002	< 0.01	< 0.005	3.19	0.9	< 0.01	0.94	0.05	0.008	< 0.01	0.01	< 0.01	29.0	0.28	< 0.005	< 0.01
A0978163	< 2	< 5	< 5	8.07	< 0.01	< 0.001	3.35	< 0.002	< 0.01	< 0.005	3.15	0.8	< 0.01	1.05	0.04	0.011	< 0.01	< 0.01	< 0.01	28.4	0.31	< 0.005	< 0.01
A0978164	< 2	< 5	< 5	8.16	< 0.01	< 0.001	4.42	< 0.002	< 0.01	0.007	2.91	0.9	< 0.01	0.82	0.04	0.015	< 0.01	0.02	< 0.01	28.9	0.32	< 0.005	< 0.01
A0978165	< 2	< 5	< 5	8.62	< 0.01	< 0.001	2.74	0.002	< 0.01	0.006	3.39	1.2	< 0.01	0.83	0.04	0.013	< 0.01	0.02	< 0.01	29.0	0.33	< 0.005	< 0.01
A0978166	< 2	< 5	< 5	8.50	< 0.01	< 0.001	2.75	0.002	< 0.01	0.007	3.38	1.2	< 0.01	0.83	0.04	0.015	< 0.01	0.03	< 0.01	29.4	0.33	< 0.005	< 0.01
A0978167	6	< 5	< 5	7.99	< 0.01	< 0.001	4.29	< 0.002	< 0.01	< 0.005	3.75	0.8	< 0.01	0.84	0.05	0.015	< 0.01	0.05	< 0.01	29.0	0.31	< 0.005	< 0.01
A0978168	8	< 5	< 5	7.77	< 0.01	< 0.001	4.97	0.002	0.01	0.005	4.11	0.5	< 0.01	1.05	0.06	0.015	< 0.01	0.05	< 0.01	28.5	0.30	< 0.005	< 0.01
A0978169	7	< 5	< 5	8.32	< 0.01	< 0.001	4.30	0.002	< 0.01	< 0.005	3.76	0.5	< 0.01	0.99	0.05	0.009	< 0.01	0.02	< 0.01	29.0	0.32	< 0.005	< 0.01
A0978170	< 2	< 5	< 5	7.40	< 0.01	< 0.001	6.25	< 0.002	< 0.01	< 0.005	2.56	0.3	< 0.01	0.79	0.06	0.013	< 0.01	0.03	< 0.01	28.7	0.29	< 0.005	< 0.01
A0978171	< 2	6	< 5	9.11	< 0.01	< 0.001	6.58	< 0.002	< 0.01	0.006	2.84	0.5	< 0.01	0.99	0.06	0.008	< 0.01	0.02	< 0.01	25.9	0.35	< 0.005	< 0.01
A0978172	< 2	< 5	< 5	8.52	< 0.01	< 0.001	4.08	0.002	< 0.01	0.008	3.20	0.6	< 0.01	0.93	0.05	0.007	< 0.01	0.02	< 0.01	29.0	0.33	< 0.005	< 0.01
A0978173	< 2	< 5	< 5	8.12	< 0.01	< 0.001	3.17	0.002	< 0.01	0.008	2.79	0.9	< 0.01	0.77	0.04	0.007	< 0.01	0.02	< 0.01	29.0	0.32	< 0.005	< 0.01
A0978174	< 2	< 5	< 5	7.94	< 0.01	< 0.001	2.76	0.002	< 0.01	0.006	2.96	1.0	< 0.01	0.84	0.04	0.010	< 0.01	0.02	< 0.01	28.7	0.30	< 0.005	< 0.01
A0978175	< 2	13	< 5	9.09	< 0.01	< 0.001	4.78	0.002	< 0.01	0.006	2.60	1.1	< 0.01	0.94	0.06	0.011	< 0.01	0.01	< 0.01	28.0	0.36	< 0.005	< 0.01
A0978176	< 2	10	< 5	8.58	< 0.01	< 0.001	5.04	< 0.002	< 0.01	0.007	2.56	1.0	< 0.01	0.89	0.06	0.008	< 0.01	0.01	< 0.01	28.7	0.33	< 0.005	< 0.01
A0978177	< 2	< 5	< 5	7.40	< 0.01	< 0.001	3.99	0.002	< 0.01	< 0.005	3.55	1.9	< 0.01	1.73	0.06	0.005	< 0.01	0.02	< 0.01	29.1	0.25	< 0.005	< 0.01
A0978178	< 2	7	< 5	7.91	< 0.01	< 0.001	2.86	< 0.002	< 0.01	0.007	2.97	0.9	< 0.01	0.83	0.04	0.006	< 0.01	0.02	< 0.01	29.6	0.31	< 0.005	< 0.01
A0978179	< 2	< 5	< 5	7.73	< 0.01	< 0.001	4.10	< 0.002	< 0.01	0.006	2.31	0.8	< 0.01	0.80	0.05	0.008	< 0.01	< 0.01	< 0.01	28.9	0.30	< 0.005	< 0.01
A0978180	< 2	< 5	< 5	8.58	< 0.01	< 0.001	3.30	< 0.002	< 0.01	0.006	2.25	0.8	< 0.01	1.10	0.05	0.008	< 0.01	< 0.01	< 0.01	28.6	0.33	< 0.005	< 0.01
A0978181	< 2	6	< 5	8.06	< 0.01	< 0.001	4.13	< 0.002	< 0.01	0.008	2.30	0.8	< 0.01	1.11	0.05	0.007	< 0.01	0.01	< 0.01	28.9	0.31	< 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														3.57				
CD-1 Cert					0.660														3.57				
CD-1 Meas					0.66														3.57				
CD-1 Cert					0.660														3.57				
DTS-2b Meas				0.22			0.09	0.013	1.56	< 0.005				31.4	0.08	0.370	< 0.01		< 0.01	18.9			< 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
DTS-2b Meas				0.23			0.11	0.014	1.56	< 0.005				30.8	0.08	0.377	< 0.01		< 0.01	19.4			< 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					< 0.005					1.08	< 0.005	< 0.01			16.8		0.359	< 0.01
GBW 07238 (NCS DC 70006) Cert					0.000160					0.00936					1.084	0.00178	0.00187			15.9		0.360	0.00655
GBW 07238 (NCS DC 70006) Meas					< 0.01					0.011					1.08	< 0.005	< 0.01			16.8		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.121	14.5					3.12		7.10		15.4			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 74a (Fusion) Meas					< 0.01			0.057	0.18	0.124	14.4					3.25		7.33		15.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.162	0.08	0.405	33.3					10.6		25.3		6.11			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
Oreas 77a (Fusion) Meas					0.01			0.168	0.06	0.408	32.2					10.7		24.3		5.64			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
OREAS 134b (Fusion) Meas					0.02			0.011		0.130	12.1							19.6	0.01				17.5
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
OREAS 134b (Fusion) Meas					0.02			0.011		0.138	12.4							20.3	0.01				17.2
OREAS 134b (Fusion) Cert					0.02			0.010		0.134	12.69							20.74	0.01				18.12
AMIS 0129 Meas											40.8				0.28					4.56	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									< 0.005	
NCS DC86314 Cert													1.81										

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
NCS DC86314 Meas													1.79									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.08	0.03			0.009		0.417							0.18	34.2		0.28			55.4
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
CZN-4 Meas				0.07	0.03			0.009		0.421							0.19	34.2		0.27			55.3
CZN-4 Cert				0.0715	0.0356			0.009		0.403							0.1861	33.07		0.295			55.07
W 106 Meas																						2.17	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
W 106 Meas																						2.16	
W 106 Cert																						2.16	
CCU-1e Meas				0.13	0.10			0.031		22.3	33.0			0.72	0.01		0.71	35.3	0.01				2.92
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
CCU-1e Meas				0.14	0.10			0.031		22.4	32.2			0.69	< 0.01		0.70	34.3	0.01				2.85
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	1980	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1920	1710	216																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.82	0.03	< 0.001	1.19	0.003		0.028	12.2	3.3	< 0.01	0.49	0.69		2.29	16.3	< 0.01	16.8	0.15		13.3
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 139 (Peroxide Fusion) Meas				3.88	0.03	< 0.001	1.23	0.003		0.029	12.5	3.3	< 0.01	0.52	0.66		2.25	16.8	< 0.01	16.9	0.15		12.9
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				4.38	0.01		1.46	0.027		3.05	17.3	0.9	< 0.01	1.28	0.07		0.61	13.1	< 0.01	20.5	0.15	< 0.005	2.32
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
OREAS 624 (Peroxide Fusion) Meas				4.42	0.01		1.51	0.030		3.31	17.3	0.9	< 0.01	1.36	0.07		0.60	13.6	< 0.01	20.7	0.15	< 0.005	2.21
OREAS 624 (Peroxide Fusion)				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

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
Cert																							
OREAS 624 (Peroxide Fusion) Meas				4.37	< 0.01		1.45	0.027		3.20	16.8	1.0	< 0.01	1.27	0.07		0.61	13.1	< 0.01	20.7	0.15	< 0.005	2.26
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
A0978151 Orig				8.26	< 0.01	< 0.001	1.78	< 0.002	< 0.01	< 0.005	2.26	0.9	< 0.01	0.85	0.03	< 0.005	< 0.01	0.01	< 0.01	30.8	0.50	< 0.005	< 0.01
A0978151 Dup				8.36	< 0.01	< 0.001	1.66	0.002	< 0.01	< 0.005	2.21	0.9	< 0.01	0.84	0.03	< 0.005	< 0.01	0.03	< 0.01	29.9	0.50	< 0.005	< 0.01
A0978156 Orig	< 2	9	< 5																				
A0978156 Dup	4	9	< 5																				
A0978159 Orig				8.17	< 0.01	< 0.001	3.34	< 0.002	< 0.01	< 0.005	2.98	0.9	< 0.01	0.68	0.04	0.008	< 0.01	0.03	< 0.01	28.8	0.31	< 0.005	< 0.01
A0978159 Dup				8.07	< 0.01	< 0.001	3.40	< 0.002	< 0.01	< 0.005	3.00	0.9	< 0.01	0.69	0.04	0.008	< 0.01	0.03	< 0.01	29.8	0.31	< 0.005	< 0.01
A0978166 Orig	< 2	< 5	< 5																				
A0978166 Dup	< 2	< 5	< 5																				
A0978167 Orig				8.09	< 0.01	< 0.001	4.30	< 0.002	< 0.01	< 0.005	3.75	0.8	< 0.01	0.84	0.05	0.016	< 0.01	0.04	< 0.01	29.0	0.31	< 0.005	< 0.01
A0978167 Dup				7.89	< 0.01	< 0.001	4.28	< 0.002	< 0.01	< 0.005	3.76	0.7	< 0.01	0.84	0.05	0.014	< 0.01	0.05	< 0.01	29.1	0.31	< 0.005	< 0.01
A0978176 Orig	2	10	< 5																				
A0978176 Dup	< 2	9	< 5																				
A0978181 Orig				8.15	< 0.01	< 0.001	4.15	< 0.002	< 0.01	0.008	2.32	0.8	< 0.01	1.11	0.05	0.008	< 0.01	0.01	< 0.01	28.9	0.31	< 0.005	< 0.01
A0978181 Dup				7.96	< 0.01	< 0.001	4.11	< 0.002	< 0.01	0.007	2.29	0.8	< 0.01	1.11	0.05	0.007	< 0.01	0.01	< 0.01	28.9	0.31	< 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	0.03	< 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	0.010	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01
Method Blank				< 0.01	< 0.01	< 0.001	0.03	< 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																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06457**
Report Date: **02-Jul-20**
Date Submitted: **19-Jun-20**
Your Reference: **Crawford (CR20-C-B90)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

7 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)	2020-06-25 08:05:18

REPORT **A20-06457**

Notes:

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.: **A20-06457**
Report Date: **02-Jul-20**
Date Submitted: **19-Jun-20**
Your Reference: **Crawford (CR20-C-B90)**

Canada Nickel Company
7535 Leslie Road West
Puslinch ON N0B2J0
Canada

ATTN: William MacRae

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-06-25 11:24:08

REPORT **A20-06457**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
A0978182	10	< 5	< 5	0.35	< 0.01	< 0.001	0.30	0.010	0.08	< 0.005	4.17	< 0.1	< 0.01	27.0	0.06	0.312	< 0.01	0.06	< 0.01	17.5	0.02	< 0.005	< 0.01
A0978183	< 2	24	< 5	8.42	< 0.01	< 0.001	3.55	< 0.002	< 0.01	0.010	2.36	0.9	< 0.01	0.96	0.04	0.009	< 0.01	0.02	< 0.01	29.0	0.33	< 0.005	< 0.01
A0978184	< 2	11	< 5	7.82	< 0.01	< 0.001	3.91	< 0.002	< 0.01	0.008	2.72	0.7	< 0.01	0.90	0.05	0.012	< 0.01	0.02	< 0.01	28.1	0.31	< 0.005	< 0.01
A0978185	< 2	12	< 5	7.99	< 0.01	< 0.001	3.87	< 0.002	< 0.01	0.008	2.72	0.7	< 0.01	0.90	0.05	0.012	< 0.01	0.02	< 0.01	28.7	0.31	< 0.005	< 0.01
A0978186	< 2	< 5	< 5	8.28	< 0.01	< 0.001	2.65	< 0.002	< 0.01	< 0.005	2.96	0.7	< 0.01	0.74	0.03	0.011	< 0.01	0.02	< 0.01	29.2	0.32	< 0.005	< 0.01
A0978187	< 2	< 5	< 5	9.05	< 0.01	< 0.001	4.59	0.003	< 0.01	0.010	2.93	0.7	< 0.01	0.73	0.05	0.014	< 0.01	0.03	< 0.01	28.2	0.35	< 0.005	< 0.01
A0978188	< 2	< 5	< 5	7.03	< 0.01	< 0.001	4.17	0.002	< 0.01	< 0.005	3.57	1.6	< 0.01	1.82	0.07	0.009	< 0.01	0.03	< 0.01	28.8	0.27	< 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				0.23			0.11	0.014	1.56	< 0.005				30.8	0.08	0.377	< 0.01		< 0.01	19.4			< 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					1.08	< 0.005	< 0.01			16.8		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 74a (Fusion) Meas					< 0.01			0.057	0.18	0.124	14.4					3.25		7.33		15.7			
Oreas 74a (Fusion) Cert					0.005			0.058	0.18	0.124	13.7					3.24		7.25		15.14			
Oreas 77a (Fusion) Meas					0.01			0.168	0.06	0.408	32.2					10.7		24.3		5.64			
Oreas 77a (Fusion) Cert					0.02			0.1675		0.4400	34.0					10.71		26.2		6.21			
AMIS 0129 Meas											40.8				0.28					4.56	13.7		
AMIS 0129 Cert											43.573				0.28					4.47	13.75		
NCS DC86303 Meas													0.21									< 0.005	
NCS DC86303 Cert													0.21									0.0009	
NCS DC86314 Meas													1.79									0.006	
NCS DC86314 Cert													1.81										
NCS DC86313 Meas						1.088																	
NCS DC86313 Cert						1																	
CZN-4 Meas				0.07	0.03			0.009		0.421							0.19	34.2		0.27			55.3
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				0.14	0.10			0.031		22.4	32.2			0.69	< 0.01		0.70	34.3	0.01				2.85
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	4920	2020	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1950	1670	235																				
CDN-PGMS-30 Cert	1897.000	1660.000	223.000																				
OREAS 139 (Peroxide Fusion) Meas				3.88	0.03	< 0.001	1.23	0.003		0.029	12.5	3.3	< 0.01	0.52	0.66		2.25	16.8	< 0.01	16.9	0.15		12.9
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				4.42	0.01		1.51	0.030		3.31	17.3	0.9	< 0.01	1.36	0.07		0.60	13.6	< 0.01	20.7	0.15	< 0.005	2.21
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

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
OREAS 624 (Peroxide Fusion) Meas				4.37	< 0.01		1.45	0.027		3.20	16.8	1.0	< 0.01	1.27	0.07		0.61	13.1	< 0.01	20.7	0.15	< 0.005	2.26
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
A0978184 Orig	< 2	11	< 5																				
A0978184 Dup	< 2	11	< 5																				
A0978188 Orig				7.03	< 0.01	< 0.001	4.20	0.002	< 0.01	< 0.005	3.55	1.7	< 0.01	1.80	0.06	0.009	< 0.01	0.03	< 0.01	28.8	0.27	< 0.005	< 0.01
A0978188 Dup				7.03	< 0.01	< 0.001	4.14	0.002	0.01	< 0.005	3.58	1.6	< 0.01	1.84	0.07	0.008	< 0.01	0.03	< 0.01	28.7	0.27	< 0.005	< 0.01
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