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**Report on Feb 2020 Diamond Drilling  
Holes LN25-20-001 & LN25-20-002**

**Completed by**

**North American Nickel Inc.**

**Loveland Nickel Property**

Loveland and MacDiarmid Townships, Ontario  
Timmins Mining District  
NTS 042A12  
Longitude 81°35'41.7"  
Latitude 48°39'20.5"

**Prepared by:** Gerry Katchen  
**Date:** April 8, 2020

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## ABBREVIATIONS

Expl	Exploration
Plugger	Plugger Drill
NAG	Magnetic
VLF	Very Low Frequency
QAQC	Quality Assurance Quality Control
Exp	Exploration
Au	Gold
Pt	Platinum
Pd	Palladium
Cu	Copper
Ni	Nickel
Co	Cobalt
S	Sulphur
Pb	Lead
Zn	Zinc
Ag	Silver
qtz	Quartz
MMI	Mobile Metal Ions
Grd	Ground
Surf	Surface
Anom	Anomalous
Dept	Department
IEP	International Explorers & Prospectors Inc
NAN	North American Nickel
BHEM	Borehole ElectroMagnetics
VTEM	Airborne Variable Time Domain ElectroMagnetics
LGI	Lightfoot GeoScience Inc
NAN	North American Nickel
%	Percent
PGE	Platinum Group Elements
PGM	Platinum Group Metals (Pt, Pd, Au)
PPM	Parts Per Million

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## 1.0 INTRODUCTION

In September of 2019, North American Nickel entered into an agreement with International Explorers & Prospectors (IEP) regarding a known gabbroic body hosting nickel sulphide mineralization in the Western Abitibi Subprovince.

The Loveland Property is located approximately 32 km northwest of Timmins in both the Loveland, and MacDiarmid Townships (Figure 1) and consists of 117 contiguous unpatented mining claim cells covering an area of approximately 1,374 hectares.

Historically, the property's gabbroic intrusion has been intermittently explored since 1957, with notable early drill hole intercepts by Tilmac of up to 1.54% Ni, 0.7% Cu over 1.5 feet (0.46m) (Setterfield & Tykajlo, 1994). The property is known to contain a non-compliant NI 43-101 Cu-Ni-PGM resource estimate of approximately 1.1 Mt grading 0.28% Cu, 0.54% Ni and 0.3g/t PGE (Hulbert et al, 2002). More recently, a follow up airborne VTEM-Max survey was flown by GeoTech in 2016/2017 that outlined areas of conductivity that remain untested (Bonhomme, 2017).

This report discusses the VTEM interpretation and geochemical work that was completed by North American Nickel between January 2018 and December 2019. These two reports were the basis for the early 2020 drill program. This assessment report will also discuss initial results of the first drillhole (LN25-20-001) which was lost at 81m and the second drillhole (LN25-20-002), completed to a depth of 381m.

### 1.1 Location and Access

Loveland property area is situated approximately 32 km northwest of the City of Timmins. The entire project straddles the Loveland and MacDiarmid Townships within the Porcupine Mining Division in Northeastern Ontario. (Figures 1&2).

Access to the property was made by travelling 6 km west of Timmins along Highway 101 to the Kamiskotia highway, turning right (northwest) onto the paved Kamiskotia Highway and following it for approximately 22 km. At this point, there will be a gravel road turnout that heads west/northwest. Taking this gravel road, locally called Abitibi Access Road/Half Moon Bay Road, and following it for roughly 9 km north, at which point the logging road turns off to east which will take you to the main Loveland side of the project in about 1.25 km.

**Location:** Longitude 81°35'42", Latitude 48°39'21" UTM NAD83 Zone 17N 456317mE, 5,389423mN

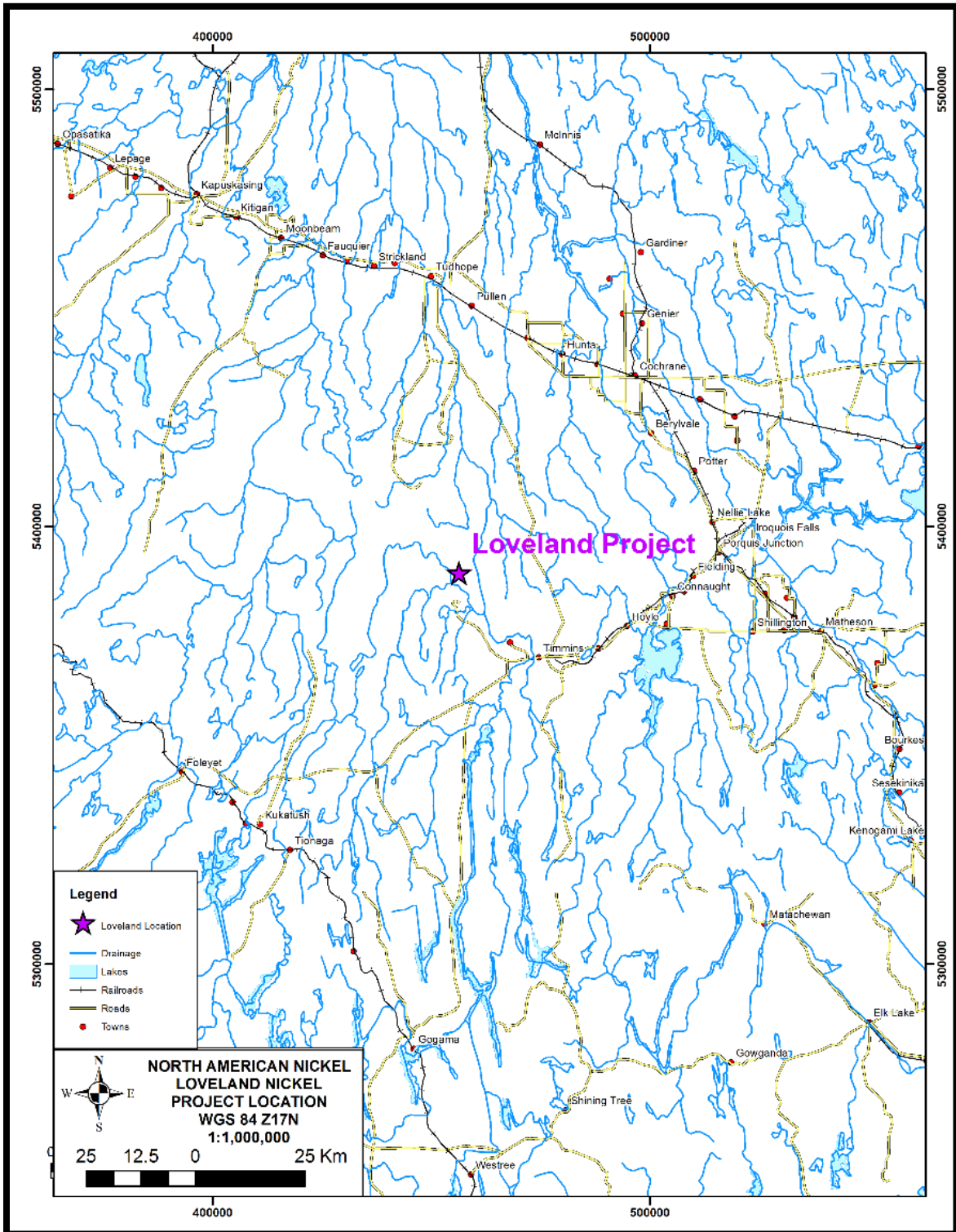


Figure 1. Generalized map illustrating the location of the Loveland property.



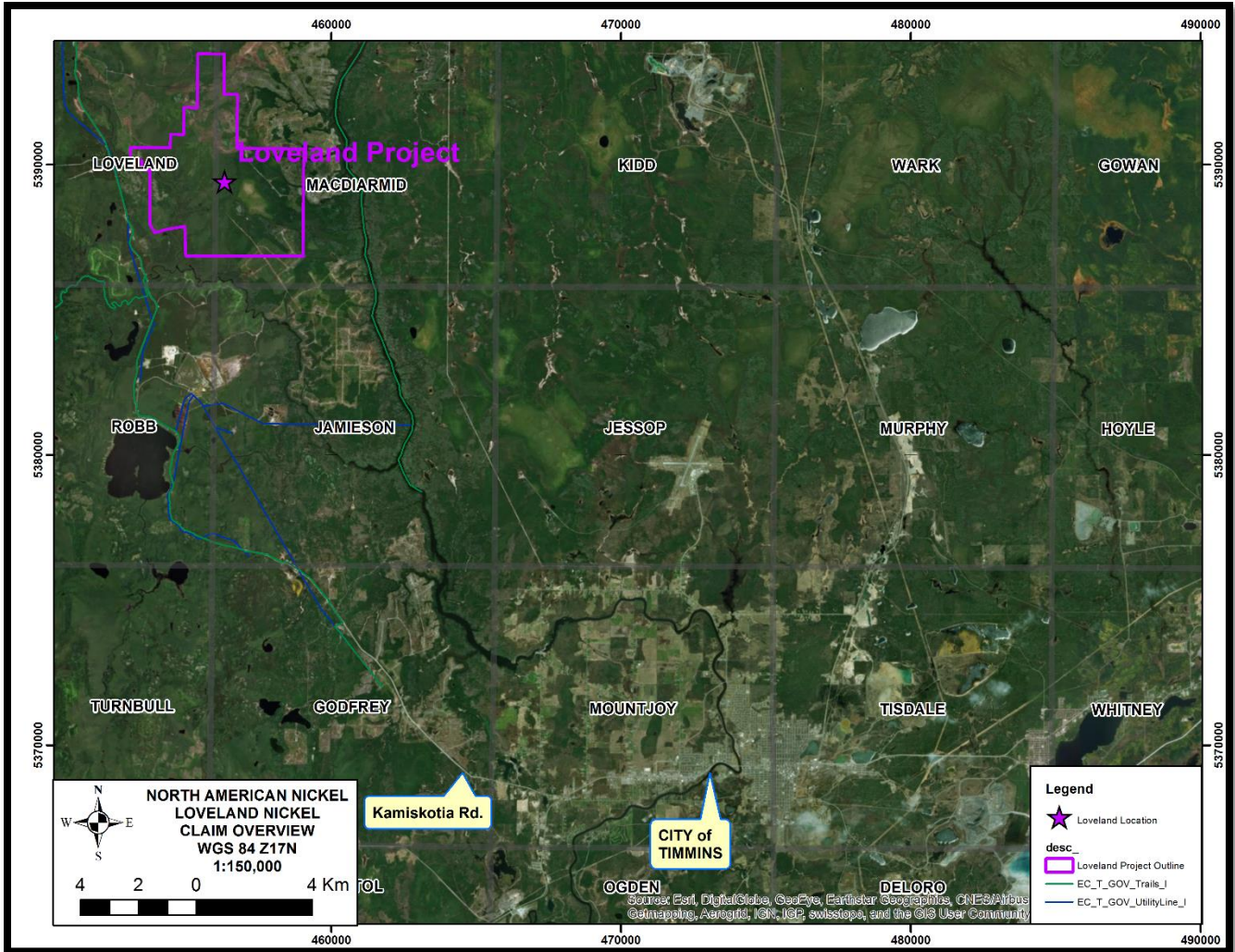


Figure 2. Project Location for Loveland Nickel

### 1.2 List of Claims

All claims and Reserve amounts are as of April 2, 2020.

See Table 1, and Figure 3.

Table 1. Loveland Project List of Claims

Legacy Claim Id	Township / Area	Tenure ID	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied	Total Reserve
1037165	LOVELAND	103291	2020-12-08	Active	100	400	400	0
4259879	LOVELAND	103292	2020-04-16	Active	100	200	200	0
4285825	LOVELAND	103449	2021-01-06	Active	100	400	800	0
4285826	LOVELAND	103700	2021-01-06	Active	100	400	800	0
1037163	LOVELAND	111059	2020-12-08	Active	100	400	400	0
4258988	LOVELAND	117405	2020-04-16	Active	100	400	400	0
1037149	LOVELAND	119746	2020-12-08	Active	100	200	200	0
1037149	LOVELAND	119747	2020-12-08	Active	100	200	200	0
1037149	LOVELAND	129132	2020-12-08	Active	100	400	400	0
4285826	LOVELAND	167771	2021-01-06	Active	100	400	800	0
4259879	LOVELAND	172232	2020-04-16	Active	100	400	400	0
4285826	LOVELAND	181209	2021-01-06	Active	100	400	800	0
4285826	LOVELAND	181210	2021-01-06	Active	100	400	800	0
4258988	LOVELAND	183953	2021-01-12	Active	100	400	800	0
1037154	LOVELAND	185502	2020-12-08	Active	100	400	400	0
1037154	LOVELAND	185503	2020-12-08	Active	100	200	200	0
4285824	LOVELAND	193778	2021-01-06	Active	100	200	400	0
4285824	LOVELAND	195231	2021-01-06	Active	100	400	800	0
4258988	LOVELAND	206021	2021-01-12	Active	100	400	800	0
4259879	LOVELAND	207662	2020-08-28	Active	100	400	400	0
1037160	LOVELAND	216697	2020-12-08	Active	100	400	400	0
4285790	LOVELAND	218399	2020-08-28	Active	100	400	400	0
4285825	LOVELAND	223787	2021-01-06	Active	100	400	800	0
4259880	LOVELAND	225076	2020-04-16	Active	100	400	400	0
4259880	LOVELAND	225077	2020-04-16	Active	100	200	200	0
1037163	LOVELAND	228414	2020-12-08	Active	100	400	400	0
4285827	LOVELAND	246203	2021-01-06	Active	100	400	800	0
4285824	LOVELAND	250441	2021-01-06	Active	100	400	800	0
4258988	LOVELAND	261102	2021-01-12	Active	100	400	800	0
4258988	LOVELAND	261103	2021-01-12	Active	100	400	800	0
1037160	LOVELAND	269775	2020-12-08	Active	100	400	400	0
1037155	LOVELAND	269776	2020-12-08	Active	100	400	400	0
1037155	LOVELAND	269777	2020-12-08	Active	100	200	200	0
4259880	LOVELAND	269778	2020-04-16	Active	100	200	200	0
4259880	LOVELAND	289134	2020-04-16	Active	100	200	200	0
4285790	LOVELAND	292304	2020-12-19	Active	100	200	400	0
4285790	LOVELAND	292457	2020-08-28	Active	100	400	400	0
4259879	LOVELAND	295017	2020-04-16	Active	100	400	400	0
1037149	LOVELAND	297035	2020-12-08	Active	100	400	400	0
4285825	LOVELAND	298409	2021-01-06	Active	100	400	800	0
4285790	LOVELAND	303681	2020-12-19	Active	100	200	400	0
1037162	LOVELAND	305272	2020-12-08	Active	100	400	400	0
4285827	LOVELAND	320256	2021-01-06	Active	100	400	800	0
1037161	LOVELAND	321772	2020-12-08	Active	100	400	400	0
1037164	LOVELAND	336061	2020-12-08	Active	100	400	400	0
4285824	LOVELAND	338517	2021-01-06	Active	100	400	800	0
4259880	LOVELAND	340715	2020-04-16	Active	100	200	200	0

Legacy Claim Id	Township / Area	Tenure ID	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied	Total Reserve
4259880	LOVELAND	340716	2020-04-16	Active	100	200	200	0
	LOVELAND	510442	2020-04-10	Active	100	400	0	0
	LOVELAND	510443	2020-04-10	Active	100	400	0	0
4285826	LOVELAND,MACDIARMID	135261	2021-01-06	Active	100	400	800	0
4259879	LOVELAND,MACDIARMID	153072	2020-04-17	Active	100	400	0	0
4258988	LOVELAND,MACDIARMID	168586	2020-04-17	Active	100	400	400	0
4258988	LOVELAND,MACDIARMID	177945	2020-04-17	Active	100	400	400	0
4285827	LOVELAND,MACDIARMID	186953	2021-01-06	Active	100	400	800	0
4285826	LOVELAND,MACDIARMID	216547	2021-01-06	Active	100	400	800	0
4258988	LOVELAND,MACDIARMID	228400	2020-04-17	Active	100	400	0	0
4259879	LOVELAND,MACDIARMID	228415	2020-04-17	Active	100	400	0	0
4285826	LOVELAND,MACDIARMID	253414	2021-01-06	Active	100	400	800	0
4245743	LOVELAND,MACDIARMID	256765	2020-07-13	Active	100	400	400	0
4285825	LOVELAND,MACDIARMID	261101	2021-01-06	Active	100	400	800	0
4287289	LOVELAND,MACDIARMID	265631	2020-08-28	Active	100	400	400	0
4287289	LOVELAND,MACDIARMID	265632	2020-08-28	Active	100	400	400	0
4285826	LOVELAND,MACDIARMID	270441	2021-01-06	Active	100	400	800	0
4285827	LOVELAND,MACDIARMID	281415	2021-01-06	Active	100	400	800	0
4259879	LOVELAND,MACDIARMID	295018	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	111852	2020-04-17	Active	100	400	0	0
4269183	MACDIARMID	112358	2020-04-17	Active	100	400	400	0
4287289	MACDIARMID	118212	2020-08-28	Active	100	400	400	0
4287289	MACDIARMID	118213	2020-08-28	Active	100	400	400	0
4269182	MACDIARMID	125753	2020-04-17	Active	100	400	0	0
4269184	MACDIARMID	127514	2020-04-17	Active	100	400	400	0
4269183	MACDIARMID	137798	2020-04-17	Active	100	400	400	0
4269183	MACDIARMID	143263	2020-04-17	Active	100	400	400	0
4269182	MACDIARMID	145508	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	145509	2020-04-17	Active	100	400	0	0
4269184	MACDIARMID	145510	2020-04-17	Active	100	400	400	0
4269182	MACDIARMID	148456	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	151953	2020-04-17	Active	100	400	0	0
4269183	MACDIARMID	157347	2020-04-17	Active	100	400	400	0
4269183	MACDIARMID	171986	2020-04-17	Active	100	400	400	0
4287289	MACDIARMID	173058	2020-08-28	Active	100	400	400	0
4269182	MACDIARMID	185052	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	196584	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	196585	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	204556	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	204557	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	204558	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	204559	2020-04-17	Active	100	400	0	0
4269183	MACDIARMID	210320	2020-04-17	Active	100	400	400	0
4269182	MACDIARMID	226518	2020-04-17	Active	100	400	0	0
4269183	MACDIARMID	239794	2020-04-17	Active	100	400	400	0
4269183	MACDIARMID	240232	2020-04-17	Active	100	400	400	0
4269182	MACDIARMID	243771	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	263308	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	270546	2020-04-17	Active	100	400	0	0

Legacy Claim Id	Township / Area	Tenure ID	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied	Total Reserve
4269183	MACDIARMID	275957	2020-04-17	Active	100	400	400	0
4269184	MACDIARMID	287341	2020-04-17	Active	100	400	400	0
4269184	MACDIARMID	295365	2020-04-17	Active	100	400	400	0
4269182	MACDIARMID	300472	2020-04-17	Active	100	400	0	0
4269184	MACDIARMID	307568	2020-04-17	Active	100	400	400	0
4269182	MACDIARMID	307569	2020-04-17	Active	100	400	0	0
4269182	MACDIARMID	307570	2020-04-17	Active	100	400	0	0
4287289	MACDIARMID	322375	2020-08-28	Active	100	400	400	0
4269184	MACDIARMID	335144	2020-04-17	Active	100	400	400	0
	MACDIARMID	510021	2020-04-10	Active	100	400	0	0
	MACDIARMID	510022	2020-04-10	Active	100	400	0	0
	MACDIARMID	510023	2020-04-10	Active	100	400	0	0
	MACDIARMID	510024	2020-04-10	Active	100	400	0	0
	MACDIARMID	522247	2020-05-29	Active	100	400	0	0
	MACDIARMID	522248	2020-05-29	Active	100	400	0	0
	MACDIARMID	522249	2020-05-29	Active	100	400	0	0
	MACDIARMID	522250	2020-05-29	Active	100	400	0	0
	MACDIARMID	522251	2020-05-29	Active	100	400	0	0
	MACDIARMID	522252	2020-05-29	Active	100	400	0	0
	MACDIARMID	522253	2020-05-29	Active	100	400	0	0
	MACDIARMID	522254	2020-05-29	Active	100	400	0	0

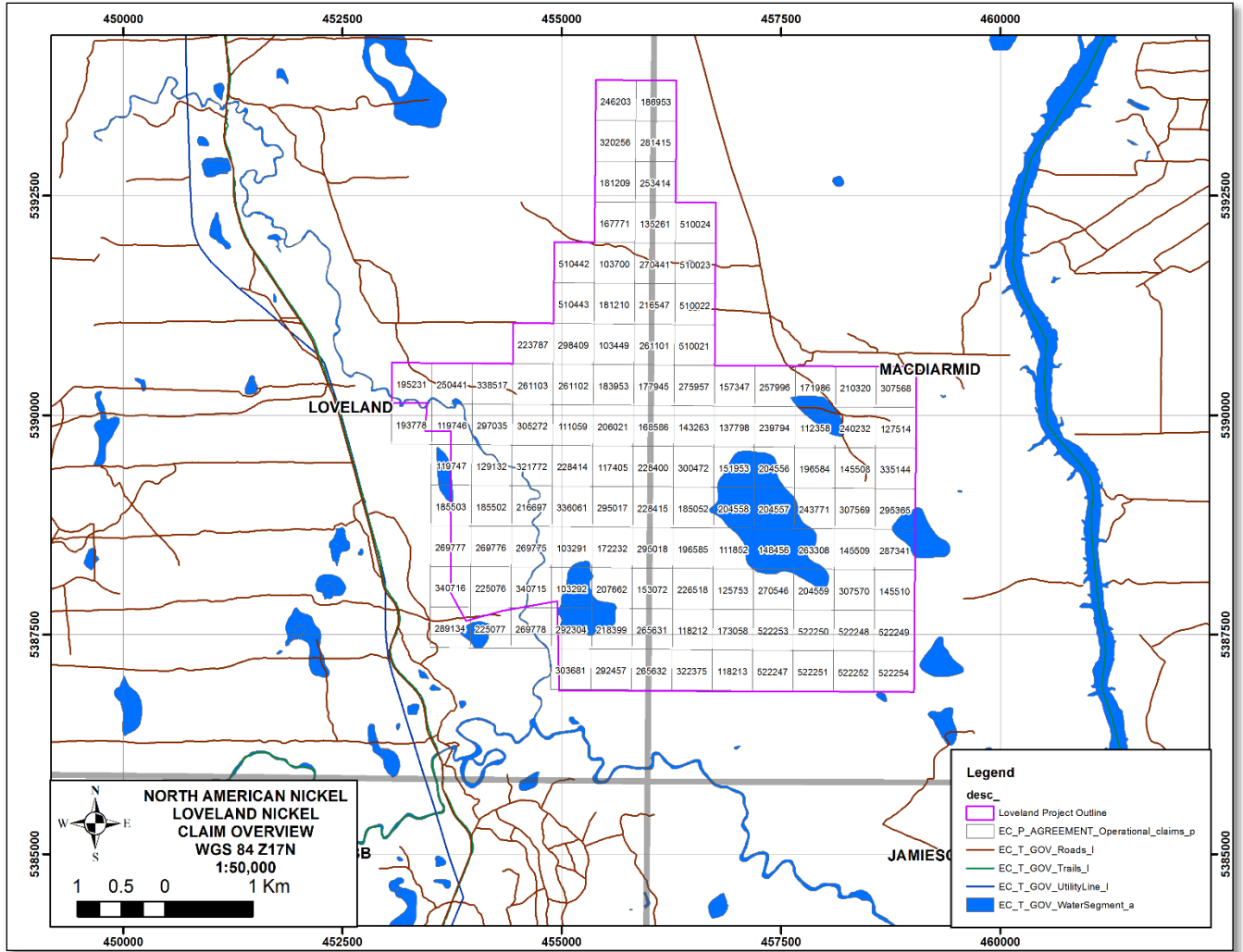


Figure 3. Overview of claims located in LOVELAND & MACDIARMID Townships.

### 1.3 Previous work

A comprehensive search of work on the entire Loveland Project was completed and a table compiled for this report. See Table 2.

Table 2. Historical Work on Loveland Nickel Project

YEAR	COMPANY	TOWNSHIP/GENERAL LOCATION	ASSESSMENT ID	DESCRIPTION OF WORK
1945	F.W. Schumacher	Loveland/Robb	42A12NE0645	Magnetometer Survey
1957	TILMAC Group	Loveland	42A12NE0599	Drills nine holes (A-1 to A-9) totalling 1024m into the Loveland Gabbro
1964	Hollinger Consolidated	Loveland	42A12NE00635	TURAM EM Survey Completed
1964	Huntec Limited/Silver Miller	MacDiarmid North	42A12NE0569	HLEM_Mag Survey Completed
1964	MIDRIM Mining	Loveland North	42A12NE0642	HLEM Geophysics
1964	North Ranking Nickel Mines	MacDiarmid	42A12NE0762	EM_Mag
1964	Silvertown Mines	MacDiarmid	42A12NE0770	HLEM_Mag Survey Completed
1964	Mespi Mines	Loveland/MacDiarmid	20000004928	Airborne EM_Mag
1965	Mespi Mines	Loveland/MacDiarmid	42A12NE0557	Crone EM
1965	Silver Town Mines	MacDiarmid	42A12NE0541	Drilled two holes (ST-1, ST-2) totalling 512m
1965	Hollinger Consolidated	Loveland	42A12NE0786	Drilled five holes (L1, L2, L3, L9, L10); totalling 784m
1965	MIDRIM Mining	Loveland North	42A12NE0596	Drilled four holes, (1, 2, 3, 4) logs available only for 3 holes totalling 593m
1965	Silver Miller Mines Ltd	MacDiarmid North	42A12NE0937	Drilled five holes (SM-2 to SM-6), only five drill logs recovered. Meterage totalling 551m for the five hole with logs
1966	Mespi Mines	Loveland	42A12NE0644	Crone EM
1966	Hollinger Consolidated	Loveland	42A12NE0786	Drilled two holes (L11, L12); totalling 328m
1967	Hollinger Consolidated	Loveland	42A12NE0625	Magnetometer Survey
1967	Hollinger Consolidated	Loveland	42A12NE0786	Drilled six holes (EC-1-67 to EC-6-67); totalling 481m
1967/ 1968	Hollinger Consolidated	Loveland	Data obtained from Drill Logs from Timmins MNM.	Drilled 11 holes (L13, L14, and EC-8 to EC-16) Hole EC-7 log not located

YEAR	COMPANY	TOWNSHIP/GENERAL LOCATION	ASSESSMENT ID	DESCRIPTION OF WORK
1969	Noranda Expl Co Ltd	MacDiarmid	42A12NE0554	Ground VLEM Fluxgate magnetometer
1969	Noranda Expl Co Ltd	MacDiarmid	42A12NE0532	Drilled one hole (MAC-69-1) totalling 153m
1969	Hollinger Mines Ltd.	Loveland	42A12NE0835	Ground Mag
1970	Hollinger Mines Ltd.	Loveland/MacDiarmid	20000005033	Airborne EM_Mag
1971	Hollinger Mines Ltd.	MacDiarmid Enid Gabbro	42A12NE0546	Drilling one hole (LO3-1-71), totalling 183m
1973	Cdn Johns-Manville Co Ltd.	MacDiarmid Far East	42A12NE0548	Ground Mag
1973	Cdn Johns-Manville Co Ltd.	MacDiarmid Far East	42A12NE0530	Drilled one hole (MAC-73-5), totalling 214m
1978	TexasGulf Canada Ltd	Loveland	42A12NE0603	Ground Mag
1981	Gulf Minerals Canada	Loveland West	42A14SW0561	Airborne Mag DIGHEM
1989	Falconbridge Ltd.	Loveland	42A12NE0561	Mag and HLEM
1990	Falconbridge Ltd.	Loveland	42A12NE0566	Drilled three holes (L25-01, to L25-03), totalling 814m
1994	WMC Int. Ltd.	Loveland	42A12NE0022/02 6/002	Deep EM (Quantec) and Geochemistry
1995	WMC Int. Ltd.	Loveland	42A12NE0059	Drilled one hole (MPL-95-1) totalling 140m
1998	Falconbridge Ltd.	MacDiarmid	42A12NE2005 & 42A12NE2031	MAG_HLEM Ground Survey
1999	Falconbridge Ltd.	MacDiarmid	42A12NE2031	Drilled one hole (MCD41-01) totalling 213m
2000	Explorers Alliance Corp.	Loveland	42A12NE2018, 42A12NE2021, 42A12NE2025, 42A12NE2044	Drilled seven holes (EL25-04 to EL25-10), totalling 1413m
2001	Explorers Alliance Corp.	Loveland	42A12NE2025	Drilled one hole (EL25-11) totalling 99m
2006	6070205 Canada Inc	Loveland North	20000001430	Completed three lines of ground Mag and HLEM

YEAR	COMPANY	TOWNSHIP/GENERAL LOCATION	ASSESSMENT ID	DESCRIPTION OF WORK
2006	6070205 Canada Inc	Loveland North	20000001431	Drilled one hole (6HL06-03), totalling 231m
2006	Explorers Alliance Corp.	Loveland	20000001333; 20000002514	Drilled three holes (EL25-12; EL25-13; EL25-13W), totalling 471m
2007	Golden Chalice Resources	Macdiarmid	20000003600	Geotech Airborne EM VTEM System flown over Macdiarmid Block of Loveland Project
2008	6070205 Canada Inc	Loveland	20000005363	2 line program of Ground Mag
2010	International Explorers & Prospectors	Loveland	20000014964	Drilled one hole (EL25-08X) (Hole Extension)
2010	6070205 Canada Inc	Loveland	20000006500	2 line program of Ground Mag
2011	Gerald Allen Herron	Loveland	20000007588	Drilled one hole (6HL-11-1), totalling 150m
2011	International Explorers & Prospectors	Loveland	20000007475	Drilled one hole (EL25-08XX) Old Extended hole was drilled further
2017	International Explorers & Prospectors	Loveland	20000015111	One N-S flight line within MacDiarmid Loveland Project with Geotech VTEM Plus
2017	International Explorers & Prospectors	Loveland	20000015599	Airborne EM over Loveland Project with Geotech VTEM Plus
2017	International Explorers & Prospectors	Loveland	20000015136	Drilled one hole (IL-17-25-14)
2017	International Explorers & Prospectors	Loveland	20000015139	Drilled one hole (IL-17-25-15)

The summarized information provided below is from previous internal reports by International Explorers and assessments including Setterfield and Tykajlo (1994). For this exercise, the summary will concentrate solely on work completed on the main Loveland Project gabbroic intrusion located within the Loveland Township. Historic sampling were primarily assayed for Nickel and Copper only.

***Loveland Project (Main Gabbroic Intrusion located in Loveland TWP only)***



In 1957 Tilmac drilled nine holes (A-1 to A-9) totalling 1,024m in the mafic intrusion. All drill holes intercepted anomalous Ni-Cu sulphide mineralization. Best intercept was from hole A-6 which returned 1.54% Ni and 0.7% Cu over 0.457m

Hollinger Consolidated completed various work in the 1960's that included a Turam EM survey, geological mapping, ground mag and diamond drilling. In 1965/66 Hollinger drilled seven holes (L1, L2, L3, L9, L10, L11, L12) totalling 1,112 metres into the mafic intrusion. Later review and resampling of this core by Inco led to an assay result from Hole L1 that returned values of 2.74% Ni; 1.3% Cu; 0.15% Co; 0.06ppm Au; 0.093ppm Pt and 1.66ppm Pd over 0.3m (Sample rx36978; 118.3-118.6m).

In 1967 Hollinger drilled another 6 holes in the south west edge of the intrusion (EC-1 to EC-6) totalling 481 metres. The best intercept received was from EC-2 that returned 0.34 % Ni and 0.16% Cu over 2.14m including 0.63% Ni and 0.13% Cu over 0.31m from 64.92-65.23m.

Hollinger moved back to the North West inferred contact of the gabbroic intrusion and drilled a further eleven holes in the winter of 1967 and through 1968 (L13, L14 & EC-8 to EC-16), totalling 1,868m. The best intercept was from EC-11 that returned 1.67% Ni and 0.13% Cu over 1.37m. In the 2018-2019 MNDM Recommendations for Mineral Exploration, analyses were released for historic drill core that had been previously 'telescoped' every 5 feet, meaning a 5 cm sample was obtained at 5 foot intervals down the hole. L-13 returned a value from 97.48-97.53m of 2.13% Ni, 0.19% Cu, 0.15% Co, 0.014ppm Au, 0.317ppm Pt and 2.06ppm Pd.

In 1978, TexasGulf Canada completed a ground MAG and a Horizontal Loop EM survey.

In 1989/1990, Falconbridge completed another ground MAG survey and, HLEM. Falconbridge drilled three holes totalling 814m (L25-01, L25-02 and L25-03). Results were rather dismal with a best intercept from hole L25-01 returning 0.17% Ni and 0.3% Cu over 2m.

In 1993, the Enid Creek/Loveland Gabbro was optioned to Moneta Porcupine Mines whom later optioned the claims to WMC International. WMC completed a thorough compilation of previous work, focusing on VMS mineralization potential north of the main gabbroic intrusion. WMC completed a Quantec Time domain EM survey and drilled one hole in the gabbroic intrusion (MPL-95-1) totalling 140m, MPL-95-1 returned a best assay of 1.09% Ni, 0.38% Cu over 0.49m.

In 1996, Lionel Bonhomme, representing the Reid Syndicate, optioned the property from Falconbridge. A Pulse-EM survey was initiated, but was terminated prior to completion due to its inability to deal properly with the conductive clays in the overburden. Between 2000 and 2007, Falconbridge and the Reid Syndicate (now known as Explorers Alliance) drilled EL25-04 through EL25-13 totalling 1,917m. The best intercept from this drilling is a combination of assays developed from original assays and a later individual re-sampling program by INCO and NAN (North American Nickel). Hole EL25-07 returned a 0.5m intercept of 0.18% Ni and 1.47% Cu with 0.45ppm combined Au, Pt, Pd from 108.9-109.4. Resampling of core returned a significant assay immediately below from 109.5-111m (1.5m) of 1.32% Ni, 0.94% Cu, 0.08% Co, 0.05ppm Au, 0.33ppm Pt and 2.01ppm Pd.

In 2000, Borehole EM surveys were completed in holes EL25-04, EL25-05 and EL35-06.

Between 2010 and 2017, 3 holes were drilled with two hole extensions (GHL-11-1, IL-17-14 & 15, EL25-08X (hole extension) and EL25-08XX, the hole was extended further) totalling 810.4m. No samples were taken.

## 1.4 2019 NAN Work

During March to December of 2019, two projects were undertaken to assess the potential of Ni-Cu-Co-PGM sulphide mineralization at the Enid Creek Gabbro, located within the Loveland Twp.

The first project was to review the existing VTEM-Max airborne EM data and search for new or down dip/plunge potential of known sulphide mineralization. The purpose of the modeling was to provide information on the size, conductance and orientation of sources of the various EM anomalies detected in the survey.

The second project to extract critical information from historic assays, geochemical data acquired by the owner (Lionel Bonhomme), and assays taken by North American Nickel (9 samples plus 3 QAQC). The objective of the work is to establish whether the mineralization at Enid Creek has characteristics which would make it a suitable target for Ni-Cu-Co exploration, and to better understand the controls on the mineralization in support of drilling untested VTEM targets from a previous investigation of the property.

## 1.5 2019 Personnel

Sharon Taylor (Chief Geophysicist) North American Nickel  
Days Worked: 3 days billable through March to December  
Qualifications: M.Sc; P.Geo;

<b>Date</b>	<b>Project</b>	<b>Activity</b>
05/11/2019	Loveland Nickel	VTEM modeling
08/11/2019	Loveland Nickel	VTEM modeling
05/12/2019	Loveland Nickel	VTEM report

Peter Lightfoot (President and Chief Geologist) Lightfoot GeoScience Inc.  
Days Worked: 2 invoiced days throughout (May-Dec)  
Qualifications: Ph. D; P.Geo.

<b>Date</b>	<b>Project</b>	<b>Activity</b>
22/05/2019	Loveland Nickel	Field Visit and Sampling
23/05/2019	Loveland Nickel	Field Visit and Sampling

## 1.6 2020 NAN Work

During the months of February and March, 2020 North American Nickel contracted NPLH Drilling from Timmins and Crone Geophysics from Mississauga to complete a winter exploration program on their Loveland Project. The project was to evaluate three targets via three drillholes with accompanying BHEM. In total, three NQ sized drillholes were completed plus one abandoned hole, totalling 1,086 metres on the Loveland property.

This initial report will only cover holes LN25-20-001 which was abandoned at 81m and contained three core samples as well as the follow up hole LN25-20-002, which was completed to a depth of 381m. Hole LN25-20-002 contained sixty-one core samples with seven QAQC certified reference materials/blanks. Eleven whole rocks were taken from this hole however, analysis are not available during the compilation of this report and will be included in a later report. The drillhole completion date of Feb 22<sup>nd</sup> for hole LN25-20-002 will be considered the cut-off date for this report.

## 1.7 2020 Personnel

Sharon Taylor (Chief Geophysicist) North American Nickel

Days Worked: 2 billable days through January to February 22<sup>nd</sup> (End of second hole) 2020

Qualifications: M.Sc; P.Geo;

Date	Project	Activity
22/01/2020	Loveland Nickel	fixing errors in database
23/01/2020	Loveland Nickel	targeting ddh

James Sparling (Project Manager) North American Nickel

Days Worked: 22 billable days through January to February 22<sup>nd</sup> (End of second hole) 2020

Qualifications: P.Geo; MBA

Date	Project	Activity
16/01/2020	Loveland Nickel	Budget and Preparation
17/01/2020	Loveland Nickel	Budget and Preparation
21/01/2020	Loveland Nickel	Budget and Preparation
24/01/2020	Loveland Nickel	Budget and Preparation
Date	Project	Activity
31/01/2020	Loveland Nickel	Preparation
06/02/2020	Loveland Nickel	Fly Vernon to Toronto
07/02/2020	Loveland Nickel	Fly Toronto to Timmins
08/02/2020	Loveland Nickel	Spot DDH
09/02/2020	Loveland Nickel	Spot DDH
10/02/2020	Loveland Nickel	Spot optional trail for NE and start mobilization and drill road
11/02/2020	Loveland Nickel	Finish Mob and line up ddh
12/02/2020	Loveland Nickel	Drill visit and set up core shack

13/02/2020	Loveland Nickel	Log Core
14/02/2020	Loveland Nickel	Log Core
15/02/2020	Loveland Nickel	Log Core
16/02/2020	Loveland Nickel	Log Core
17/02/2020	Loveland Nickel	Log Core
18/02/2020	Loveland Nickel	Log Core
19/02/2020	Loveland Nickel	Log Core
20/02/2020	Loveland Nickel	Log Core
21/02/2020	Loveland Nickel	Log Core/Shut Hole down
22/02/2020	Loveland Nickel	Show drill company new hole (LN25-003) and move

Gerry Katchen (Senior Geologist) North American Nickel

Days Worked: 24 billable days through January to February 22<sup>nd</sup> (End of second hole) 2020

Qualifications: P.Geol.

<b>Date</b>	<b>Project</b>	<b>Activity</b>
16/01/2020	Loveland Nickel	Budget and Preparation
17/01/2020	Loveland Nickel	Budget and Preparation
21/01/2020	Loveland Nickel	Budget and Preparation
24/01/2020	Loveland Nickel	Budget and Preparation
30/01/2020	Loveland Nickel	Preparation
31/01/2020	Loveland Nickel	Preparation
05/02/2020	Loveland Nickel	Drive to Sudbury Core Shack for supplies
06/02/2020	Loveland Nickel	Drive to Timmins and set up
07/02/2020	Loveland Nickel	Meet with Lionel, Lino, Reflex Rep, NPLH and pick up Jim
08/02/2020	Loveland Nickel	Spot DDH
09/02/2020	Loveland Nickel	Spot DDH
10/02/2020	Loveland Nickel	Spot optional trail for NE and start mobilization and drill road
11/02/2020	Loveland Nickel	Finish Mob and line up ddh
12/02/2020	Loveland Nickel	Drill visit and set up core shack
13/02/2020	Loveland Nickel	Log Core
14/02/2020	Loveland Nickel	Log Core
15/02/2020	Loveland Nickel	Log Core
16/02/2020	Loveland Nickel	Log Core
17/02/2020	Loveland Nickel	Log Core
18/02/2020	Loveland Nickel	Log Core
19/02/2020	Loveland Nickel	Log Core
20/02/2020	Loveland Nickel	Log Core
21/02/2020	Loveland Nickel	Log Core/Shut Hole down
22/02/2020	Loveland Nickel	Show drill company new hole (LN25-003) and move

## 2.0 GENERAL GEOLOGY

### 2.1 Regional Geology (adapted from Percival et al. 2012; Percival, 2007 and Thurston, 2008)

The Loveland Nickel property is located in the Timmins area, at the southwestern edge of the Abitibi terrain within the Eastern Superior Province See Figure 4. The Abitibi terrane hosts some of the richest mineral deposits of the Superior Province, including the giant Kidd Creek massive sulphide deposit (Hannington et al., 1999a) and the large gold camps of Ontario and Quebec (Robert and Poulsen, 1997; Poulsen et al., 2000).

Views of the tectono-stratigraphic evolution of the Abitibi terrane have changed markedly from the allochthonous terrane concept introduced in the early 1990s (cf. Jackson and Fyon, 1991; Desrochers et al., 1993; Jackson et al., 1994), to a more traditional autochthonous stratigraphic framework supported by detailed and geochronological and volcanological studies (e.g. Heather, 1998; Ayer et al., 2002; Mueller and Mortensen, 2002). Stratigraphic complexities are explained in terms of evolution of oceanic geodynamic settings from plateau, to arc and rift environments (e.g. Thurston, 1994; Bédard and Ludden, 1997; Kerrich et al., 1999; Wyman et al., 1999, 2002).

Volcanism in the Abitibi terrane spans the period from 2790 to 2680 Ma, with a dominance of units in the 2730 to 2700 Ma range (Hocq 1994). The volcanic rocks are overlain by regionally extensive <2690 Ma greywacke of the Porcupine Group (Ayer et al. 2004, 2005) and unconformably overlying <2672 Ma conglomerate and alkaline volcanic rocks of the Timiskaming Group (Davis 2002; Ayer et al. 2004), that are spatially associated with major faults. The Cadillac-Larder Lake break, which forms part of the southern boundary of the Abitibi terrane, is considered to represent a south-verging thrust that transported the Abitibi over the Pontiac (Dimroth et al. 1983; Feng and Kerrich 1991, 1992; Calvert et al. 1995; Calvert and Ludden, 1999; Ludden and Hynes, 2000; Davis 2002; Daigneault et al., 2006).

Thurston (2008) has summarized the lithotectonic assemblages contained within the Southern Abitibi Greenstone Belt based on age intervals, stratigraphy and geochemistry, utilizing previous syntheses of the southern Abitibi Greenstone Belt (David et al., 2000; Heather, 2001; Ayer et al., 2002a) and a new synthesis of the entire Abitibi greenstone belt (Ayer et al., 2005; Goutier and Melancon, 2007). See Figure 5 and Table 3.

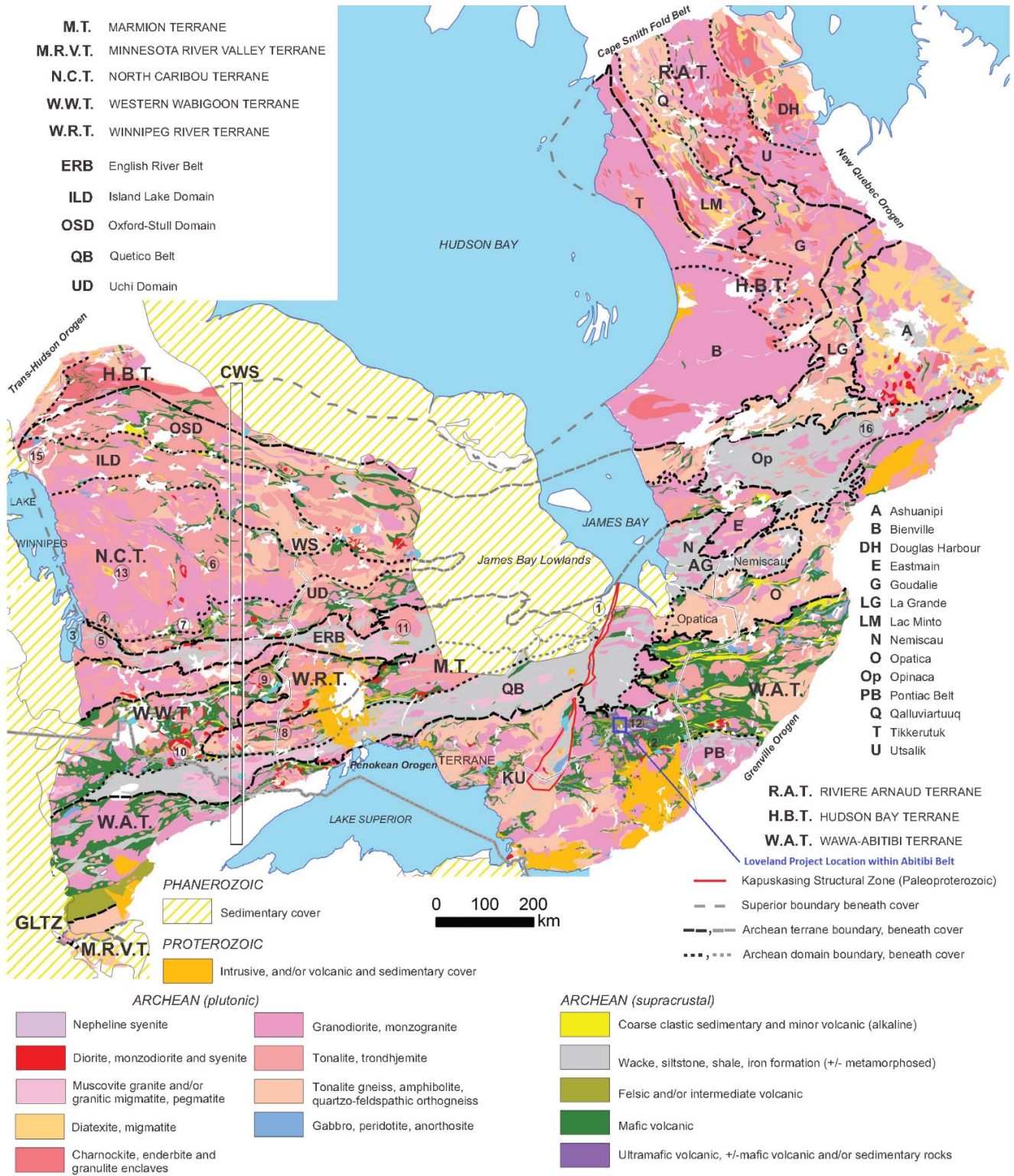


Figure 4. Geology image from Percival et al. 2012.

Locations referred to in the text: GLTZ: Great Lakes tectonic zone; 1: Attawapiskat; 2: Kirkland Lake; 3: Lake Winnipeg; 4: Wallace Lake; 5: Bidou-Black Island; 6: North Caribou Lake; 7: Red Lake; 8: Lumby Lake; 9: Sturgeon-Savant belt; 10: Steep Rock Lake; 11: Melchett Lake; 12: Kidd Creek; 13: Berens River Plutonic Complex; 14: North Kenyon Fault; 15: Cross Lake; 16: Renard Kimberlite. BLUE SQUARE (West of Kidd Creek) IDENTIFIES LOVELAND PROJECT LOCATION

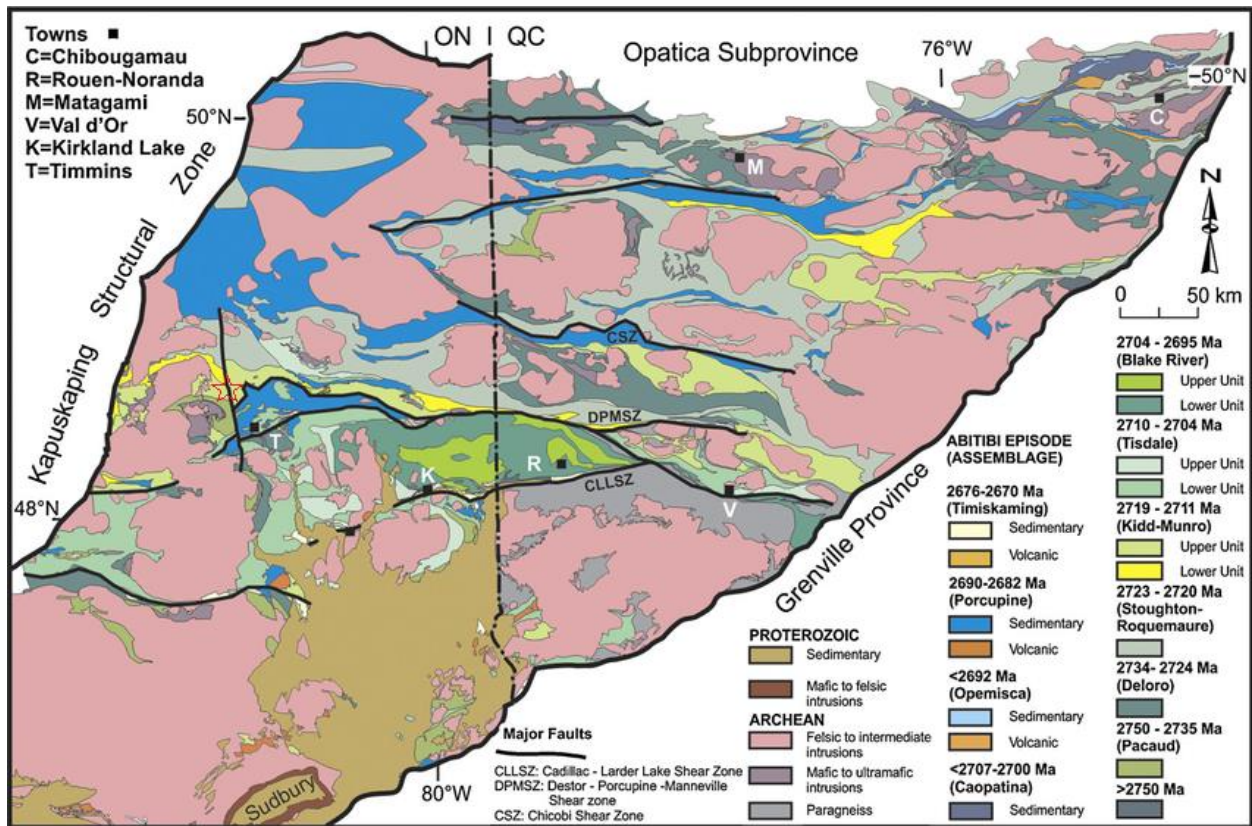


Figure 5. Compilation map of the Abitibi Subprovince, Canada. Adapted from Thurston et al. (2008). Red Star notes approximate location of Loveland Property.

Table 3. Thurston et al (2008) Stratigraphy of the Southern Abitibi Greenstone Belt

Assemblage name and volcanic episode <sup>1</sup>	Thickness	Dominant rock types	Volcanic magma clan <sup>2</sup>
Timiskaming 2677–2670 Ma	Max. 2–3 km	Polymictic conglomerate and sandstone in subaerial alluvial fan, fluvial, and deltaic settings, alkaline volcanic rocks in Kirkland Lake area	Alkaline to calc-alkaline
Porcupine 2690–2685 Ma	Max. 2–3 km	Local basal felsic pyroclastic rocks of the Krist Formation (Timmins area) overlain by turbiditic sediments (argillite to wacke)	Calc-alkaline
Upper Blake River 2701–2695 Ma	1–7 km	Mafic to felsic volcanic units with volcanoclastic components	Tholeiitic to calc-alkaline
Lower Blake River 2704–2701 Ma	~10 km	Minor clastic metasediments overlain by high Mg and Fe tholeiites with minor tholeiitic andesite, dacite, and rhyolite forming upper 5%	Tholeiite similar to mid-ocean ridges
Upper Tisdale 2706–2704 Ma	~5 km	Intermediate to felsic amygdaloidal flows heterolithic debris flows, and volcanoclastic units	Calc-alkaline
Lower Tisdale 2710–2706 Ma	~5–10 km (poorly constrained)	Mafic volcanic rocks with localized ultramafic, intermediate to felsic volcanics and iron formation	Tholeiites with slight depletion of LREE, HFSE, Nb, and Ti; komatiites AUK3; rhyolites variably tholeiitic to calc-alkaline
Upper Kidd-Munro 2717–2711 Ma	~5 km in Munro Township	Mafic volcanic rocks with localized ultramafic and felsic volcanics and graphitic metasediments	MORB-like tholeiitic mafic and felsic volcanics with minor ADK3 and AUK3 komatiites
Lower Kidd-Munro 2719–2717 Ma	~5 km in Rand Township	Intermediate-felsic calc-alkaline rocks	Calc-alkaline
Stoughton-Roquemaure 2723–2720 Ma	Max. 12 km SE of Lake Abitibi batholith	Tholeiitic basalts with komatiites and local felsic volcanic rocks	MORB-like tholeiite with komatiite (ADK-AUK3)
Deloro 2734–2724 Ma	~5 km	Mafic to felsic calc-alkaline volcanic rocks with local tholeiitic mafic volcanic units and an iron formation cap	Calc-alkaline with minor tholeiites
Pacaud 2750–2735 Ma	5 km in Shining Tree area	Ultramafic, mafic, and felsic volcanic, with minor iron formation	AEK3 Komatiites, high Fe and high Mg tholeiites and calc-alkalic
Pre-2750 Ma 2766 ± 1.1 Ma (un-named unit, Temagami area)	~5 km	Intermediate to felsic pyroclastic rocks capped by iron formation	Calc-alkaline
<sup>1</sup> Based on age ranges in Ayer et al. (2005) and modified with new ages (see in the text)			
<sup>2</sup> Magma clan information based on Ayer et al. (2002) and references therein			
<sup>3</sup> Komatiite types as reviewed in Sproule et al. (2005): ADK = alumina-depleted komatiite, AUK = alumina-undepleted komatiite, AEK = alumina-enriched komatiite			



## 2.2 Property Geology

Outcrop is sparse on the Loveland Nickel Property and property scale geology relies on geophysical interpretation where there is no exposure. In the southern portion of the property, a gabbro intrusion outcrops in the western portion of the claim block, where it is in contact with a north-striking diabase dyke and volcanics (basalts and andesites). A second larger exposure of gabbro occurs in the southeastern part of the claim block, and based on geophysical interpretation, the gabbro intrusion is approximately 2,900 m in its west-east extent. The northern part of the property has no known outcrop and is interpreted to be underlain by mafic volcanics which strike northwest, face north east and dip steeply to the northeast. Both the mafic volcanics and the gabbro are intruded by several north northwest striking diabase dikes. See Figure 6.

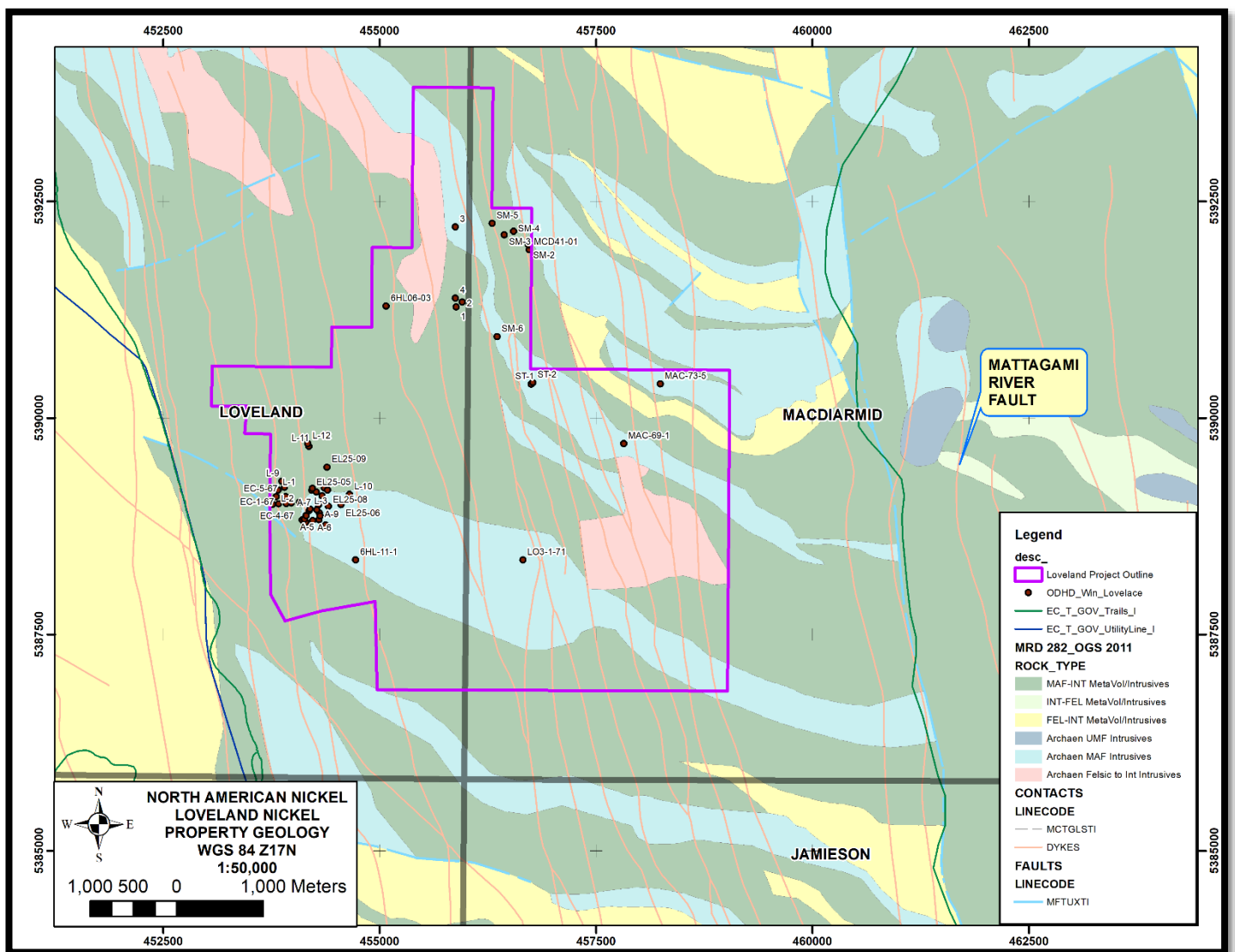


Figure 6. Property Geology compiled from OGS\_2011/MRD 282

Whole rock geochemical sampling of the gabbro has demonstrated that the intrusion varies in composition from diorite near the surface into quartz gabbro and true gabbro. In areas along the footwall contact, occurrences of ultramafic pyroxenites have been recorded. Both grain size and plagioclase abundance varies greatly throughout the gabbro. The footwall rocks in the vicinity of the mineralization vary from diabase to andesite to basalts. Clasts of the footwall andesite are observed throughout the gabbro and range in size up to ~40m across. Based on drilling results, the gabbroic body is at least 300 meters wide (east-west) by 800 meters long (north-south) and thickens from the southwest (40 meters) to the northeast (220 meters). Figure 7 provides a theoretical cross-sectional view of the gabbroic complex based on drill core logs.

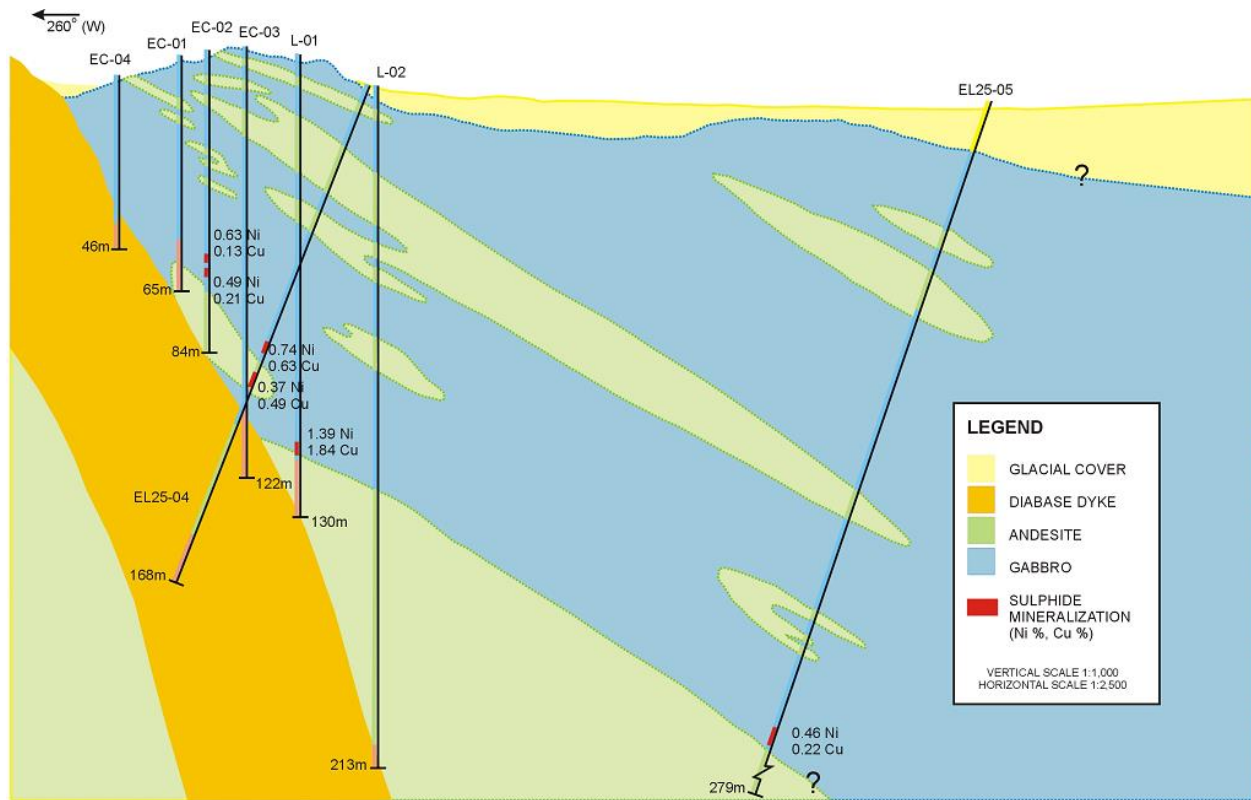


Figure 7. Theoretical X-Section looking North (+/- 35m) through Mid Portion of Enid Creek Gabbro. EC-4 Collar 5389011N 454146E; EL25-05 Collar 5389085N 454401E

### 2.3 Mineralization

The gabbro outcrop in the western portion is host to nickel-copper mineralization known as the Enid Creek Deposit. Mineralization observed in outcrop is limited to rusty patches (1% disseminated pyrrhotite with trace chalcopyrite).

Significant mineralization is generally restricted to the gabbro within close proximity of the lithological contacts, although several weakly-mineralized, disseminated/blebby zones are perched within the gabbro.

Semi-massive to massive sulphides are found primarily at the gabbro/andesite footwall contact, where the gabbro has intruded into andesites, but also occurs at or near the contact where the diabase dyke has cut into the gabbro (suggesting remobilization of the sulphides during contact). Disseminated to blebby sulphides (usually <5%) are found within the gabbro proximal to the semi-massive or massive sulphides.

The Enid Creek mineralization consists of two zones which are separated by a few to possible tens of meters of weakly mineralized gabbro. The upper 'Disseminated Zone' has been intersected to vertical depths exceeding 220 meters, a vertical depth of 150 meters was used for calculating tonnages. This zone extends for 250 meters along strike and has variable widths of one to nine meters. A total of 518,000 tons grading 0.42% Cu, 0.41% Ni and 0.4g/t PGE have been estimated for this zone (Hulbert et al, 2002).

The lower Contact Zone has been intersected by several more drill holes than the Disseminated Zone, has a strike length of over 600 meters and been intersected to a vertical depth of 200 meters. The Contact Zone ranges from 0.45 meters to 4.5 meters averaging approximately 2 meters in width. A total of 574,000 tons grading 0.15% Cu, 0.65% Ni and 0.3g/t PGE have been estimated (Hulbert et al, 2002).

## 2.4 Exploration Targets

Three distinctive types of mineralization are present and/or possible on the Loveland property. These include:

1. Ni-Cu-PGE mineralization associated with disseminated to massive sulfide zones within the Enid Creek Gabbro, both within the mafic intrusion and at Lithological contacts.
2. Gold within highly sheared and carbonatized shear zones in association with mafic volcanic rocks.
3. Volcanogenic massive sulphide-type zinc-copper base metal mineralization VMS within the Upper Kidd volcanic assemblage.

## 3.0 SUMMARY OF WORK 2019

During March to December of 2019, two projects were undertaken to assess the potential of Ni-Cu-Co-PGM sulphide mineralization at the Enid Creek Gabbro, located within the Loveland Twp.

The project was to review the existing VTEM-Max airborne EM data and search for new or down dip/plunge potential of known sulphide mineralization. The purpose of the modeling was to provide

information on the size, conductance and orientation of sources of the various EM anomalies detected in the survey.

To complement the VTEM modelling, a review of information from historic assays, geochemical data acquired by the owner (Lionel Bonhomme), and 2019 assays taken by North American Nickel. The objective of the work is to establish whether the mineralization at Enid Creek has characteristics which would make it a suitable target for Ni-Cu-Co exploration, and to better understand the controls on the mineralization in support of drilling untested VTEM targets from a previous investigation of the property.

### **3.1 Modelling of 2017 VTEM-Max Airborne EM Data**

The VTEM data were modeled using Maxwell, a commercially available software package available from Electromagnetic Technologies (EMIT) of Australia. This software uses thin and thick plates to approximate conductive sources.

The purpose of the modeling was to provide information on the size, conductance and orientation of sources of the various EM anomalies detected in the survey.

The results of the modeling indicate the following:

1. The known Enid Creek mineralization was modeled using five plates varying from 160S to 1100s over a strike length of 575m. The average conductivity-thickness is 380S and the depth to the top is approximately 15m. Dip and strike are variable with the overall average strike of 158 and a dip of 50° to the northeast. The northernmost plate “turns” eastward, similar to the interpretation of the gabbro contact. The most conductive modeled plate (1100S) is located in the vicinity of hole EL-25-05. The northernmost plate that “turns” to the east is also untested.
2. The northernmost groups of plates is untested. This area has an average conductivity-thickness of 100S and the depth to top is 30m. The average strike is 132 and dip is 55° to the northeast.
3. A new target, located to the southeast of the Enid Creek Deposit, has a strike length of 950m. This anomaly was modeled using a group of four plates with an average conductivity thickness of 80S, a depth to the top of 100m, a strike direction of 130 and a dip of 65° to the northeast.

See Appendix 1 for more information

### **3.2 Geochemical Variations on the Ni-Cu-Co Mineralization at Enid Creek**

The objective of this exercise is to extract critical information from historic assays, geochemical data acquired by the owner, and recent 2019 assays taken by North American Nickel. The objective of the work is to establish whether the mineralization at Enid Creek has characteristics which would make it a suitable

target for Ni-Cu-Co exploration, and to better understand the controls on the mineralization in support of drilling untested VTEM targets from a previous investigation of the property.

Nine samples were obtained during the field visit, eight from drill core and one was a 'field grab' sample. See Table 4 below and Appendix 2 for SGS analyses.

*Table 4. Samples obtained during Loveland Project visit for Geochemistry Study*

Sample	Property		Date	Core	From_m	To_m	Rock type	Sulfide_pct	East Nad83_17n	North Nad83_17n
B00156959	Loveland		22-May-19	el25-04	84.7	85.1	VT gabbro	~2-5		
B00156960	Loveland		22-May-19	el25-04	98.06	98.6	Gabbro	~5		
B00156961	Loveland		22-May-19	el25-04	94.4	94.8	Pyroxenite	~5		
B00156962	Loveland		22-May-19	el25-04	77	77.77	Gabbro	~5		
B00156963	Loveland		22-May-19	el25-10	66.55	66.9	Gabbro	~2-5		
B00156964	Loveland		22-May-19	el25-7	109.8	111	Bx sulfide	~30		
B00156965	Loveland		22-May-19	el25-7	106.5	107	Pyroxenite	~2-5		
B00156966	Loveland		22-May-19	el25-8	76.3	76.4	Gabbro	tr		
B00156967	Loveland		22-May-19	field			gabbro with mafic fragments		454153	5388983
B00156968	Loveland	blank	22-May-19	Blank Inserted-Pass						
B00156969	Loveland	cfrm900	22-May-19	Blank Inserted-Pass						
B00156970	Loveland	cfrm100	22-May-19	Low Grade Nickel Standard Inserted-Pass						

The following represent new observations that will help to focus future exploration at Enid Creek:

1. Variable-textured gabbros with disseminated sulfide mineralization: A chaotic textural relationship between medium-coarse-grained leucogabbro and gabbro with localized fine-grained orbicular textures occur adjacent to more uniform textural variants of melagabbro and pyroxenite.
2. Unmineralized gabbros are medium-grained with strong chloritic alteration of the primary ferromagnesian minerals.
3. Historic Ni and Cu assays from the disseminated to semi-massive sulfide mineralization in the footprint of historic drilling of the Enid Creek occurrence have a range of Cu/(Cu+Ni) (0.6-0.65 for samples with Cu+Ni>0.1wt%) with indications that there may be both Ni-rich and Cu-rich variants of mineralization. This style of mineralization is typical of magmatic sulfide mineralization associated with mafic magmas that crystallize to form differentiated mafic intrusions comprising pyroxenite through to leucogabbro.
4. Disseminated sulfide mineralization has a wide range in Cu100, Ni100, Co100, and 3E100.
5. A group of disseminated sulfide samples have 5-6.5%Ni in 100% sulfide with elevated 3E, Cu, and Co.
6. The semi-massive sulfides have moderate Ni100=3-3.5% and Co100=0.19-0.2, but they tend to have lower Cu100 and 3E100 relative to disseminated sulfide mineralization.

7. Ongoing monitoring for potentially deleterious minerals and elements is required during future routine assaying of drill core.

## 4.0 SUMMARY OF WORK 2020

During January to March of 2020, North American Nickel completed a 1,086m drill program on its Loveland Project. A core shack was rented from Colbert Drilling in Timmins and all the core processed there. The boxes of core that had samples marked were transported to North American Nickel's core shack in Sudbury and were sawed there and delivered to ALS Chemex in Sudbury. Holes were spotted with a handheld Garmin GPS. Due to the presence of magnetic Matachewan aged Diabase dykes in the area, holes were initially aligned by NAN personnel using a Reflex APS A4 system set for a 240 second verification period (+/- 0.5° Azimuth Accuracy). See Appendix 3 for Reflex Equipment utilized during program.

The drill program was followed up by a borehole electromagnetic program to evaluate conductive parts of the holes and assess ground in the near vicinity for new unknown conductors.

For this report, only the initial two holes "LN25-20-001" and "LN25-20-002" will be discussed, assays have been received and will be included. BHEM geophysics has been completed and will be discussed although the final report has not yet been completed. These results will be collated and discussed in the final assessment report which will follow.

### 4.1 Diamond Drilling

The first hole LN25-20-001 was lost/abandoned at 81m because of casing issues. The hole was logged and three samples were obtained and sent for analysis.

The second hole LN25-20-002 was the follow-up/realignment hole and was successfully completed to a depth of 381m. Sixty one core samples were taken along with ten QAQC. The hole had a downhole gyro survey completed by IMDEX/REFLEX Personnel and a borehole EM survey by Crone Geophysics.

#### 4.1a LN25-20-001

Hole LN25-20-001 was a 175m step out from a hole EL25-05. Hole EL25-05 was drilled in 2000 and two encountered sub-economic zones of sulphide mineralization (195.6-196: 0.5m @0.38% Cu; 0.24% Ni & 0.343 ppm PGM and, 208.9-210.4: 1.5m @0.22% Cu; 0.46% Ni & 0.383 ppm PGM). EL25-05 was pulsed by Quantec Geoscience in 2000 as part of a three hole down-hole EM program. The location of conductive targets were approximated using a single 50m x 50m in-hole BHEM plate and two 50m x 50m off-hole BHEM plates. A large down dip step-out in the general direction of the borehole plates was planned to

evaluate the economic potential of the sulphide mineralization over economic widths to depths of less than 300m vertical.

LN25-20-001 began mobilization on Feb 10th and commenced drilling on the night of Feb 11. The hole was proceeding well and was cased down to roughly 27m and cored into a medium to an expected coarse grained gabbro. Unfortunately, on Feb 14, the hole was abandoned at a depth of 81m due to the breakage of rods and breakage of casing caused by excessive erosion to the sandy/silty soil around the casing. The hole was processed down to a depth of 81m with RQD, Magnetic Susceptibility, Geological Logging and photos taken (dry and wet). The hole was drilled in its entirety within claim 216697, three samples were marked up and sawed at the Sudbury core shack. No significant values were received from the assays.

See Figures 8 & 9 for Plan View and Section View of Drilling, in addition to Appendices 4, 5, 6 for large scale drill plan maps and cross sections, drill logs and ALS Chemex Certificates.

#### 4.1b LN25-20-002

Hole LN25-20-002 commenced on the night of Feb 14th with the drill rig being bumped roughly 1.5m to the west. Hole LN25-20-002 was cased to 27m with NQ coring down to 381m. The hole was primarily within the Enid Creek Gabbroic intrusion down to a depth of 291.25m. The hole then entered a large intermediate volcanic 'Andesite', which continued on down to a depth of 381m. Towards the base of the gabbroic intrusion, the intrusion became less homogenous/massive and fluxed in and out of a 'Vari-textured/popcorn-like' fabric. This texture is gradationally variable with respect to grain size and plagioclase/amphibole composition ratios. The base of the intrusion also yielded various widths of Pyroxenite, either wide enough to be individual units themselves or what seemed to be enclaves within the larger gabbroic intrusion. Sulphides observed ranged from weakly disseminated Chalcopyrite, Pyrrhotite, Pyrite and plus/minus Pentlandite.

The hole was processed with RQD, Magnetic Susceptibility, Geological Logging and photos taken (dry and wet). Sixty one samples plus seven CRM/QAQC (all passed), three reject duplicates and four pulp duplicates were requested for additional QAQC. The hole was gyroed by Reflex personnel using the Reflex Sprint Gyro to ensure an accurate representation of the hole trace within lithologies of varying magnetic fields. See Appendix 3 for Reflex Equipment utilized during program.

No significant sulphidic conductors were intercepted and it is worthy to note that there was a 0.15m core loss from 264.90-265.05m. The area surrounding this core loss was weakly mineralized from weakly disseminated to coarse blebby Chalcopyrite, Pyrrhotite, Pyrite and plus/minus Pentlandite. The resulting assays were somewhat disappointing with two sub-economic highlights as follows:

- 263.75-264.45 (0.7m): Weakly sulphidic pyroxenite returned a value of 0.18% Copper, 0.13% Nickel and 0.279ppm PGM (Au+Pt+Pd)
- 275.0-275.85 (0.7m): Faulted Vari-texture Gabbro with weak sulphides returned a value of 0.12% Copper, 0.09% Nickel and 0.21ppm PGM (Au+Pt+Pd)

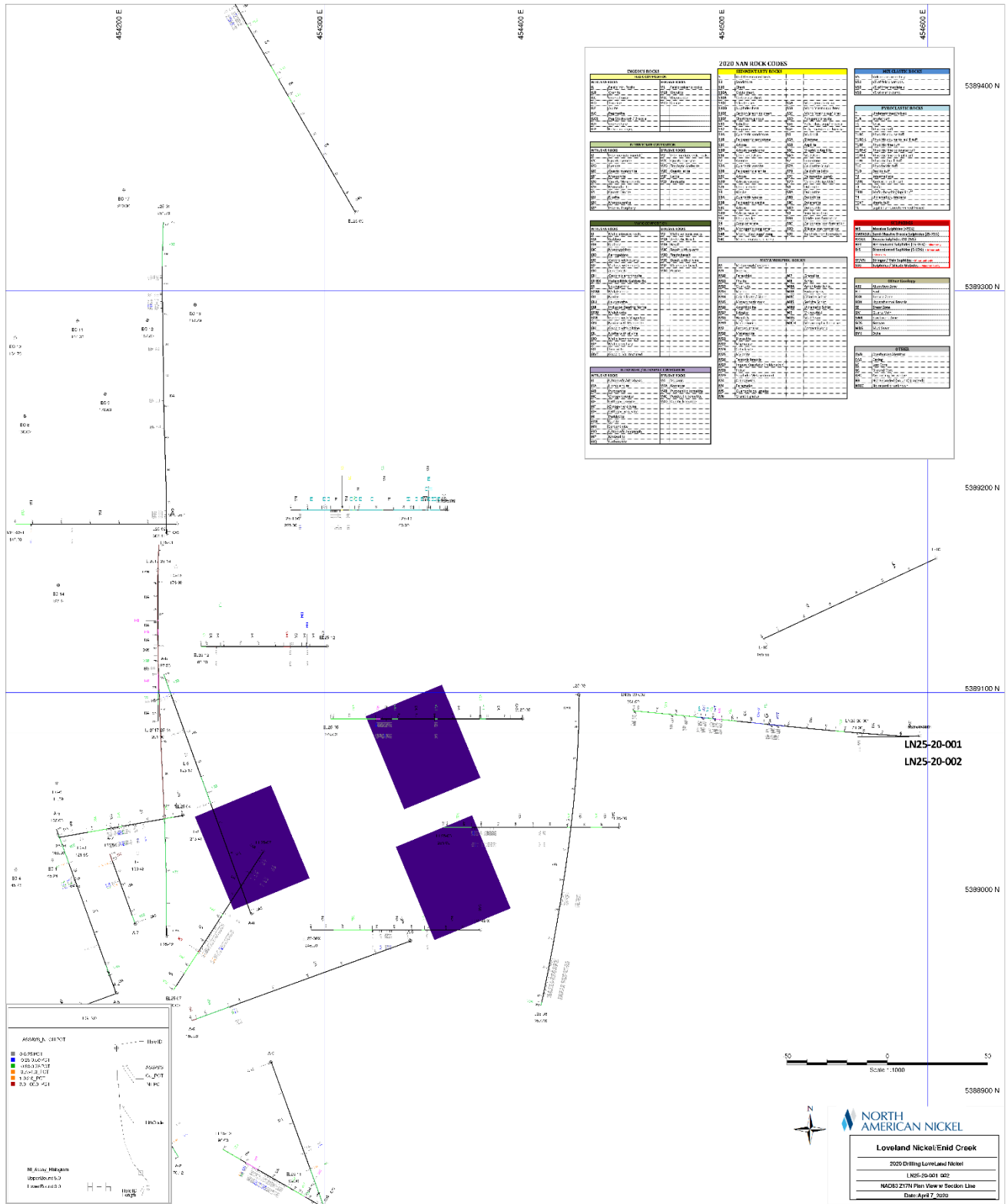


Figure 8. Plan View illustrating the LN25-20-001 & 002 down dip step-out from BHEM plates interpreted from 2000 Quantec surveys.  
 See Appendix 4 for full size 20x24 pdf.



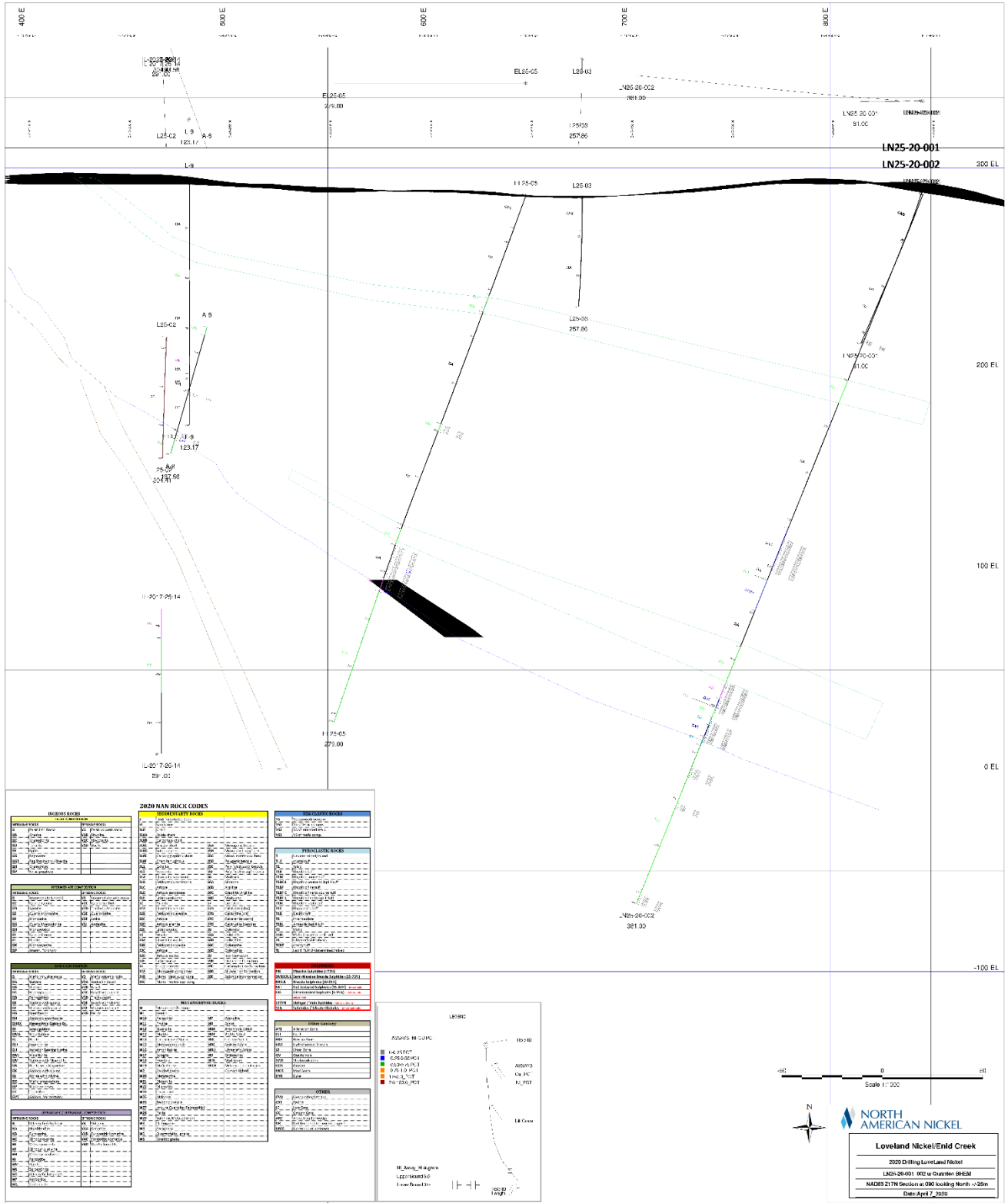


Figure 9. East-West Section View looking North. Illustrating the LN25-20-001 & 002 down dip step-out. See Appendix 4 for full size 20x24 pdf.

## 4.2 Borehole Electromagnetics

The BHEM survey crew arrived one week after the completion of the drill program. Hole LN25-20-002 was surveyed full hole, after initially being dummied to the bottom. The hole was surveyed by Crone Geophysics using their 3 component Pulse EM system using an inductive coil sensor. The survey time base was 50ms and data were collected at a 10m interval with 5m detail in anomalous areas. Additional survey specifications, loop location maps and profiles of the survey results can be found in the logistics report provided by Crone Geophysics that will be added to the 'Final/Complete Assessment Report' due out in a couple weeks.

Upon delivery of the data, preliminary interpretation of the results was carried out, including plate modeling if applicable. Modeling of data was accomplished through the use of Maxwell, a commercially available modeling software package available from Electromagnetic Technologies (EMIT) of Australia. This software uses thin and thick plates to approximate conductive sources.

The results in LN25-20-002 show a late time off-hole anomaly at 285m. The off-hole correlates to blebby sulphides intersected in the hole at the base of the gabbro. The conductor is located both up-dip and south of the hole. It was modeled as a 94m x 150m, 880S plate whose nearest edge is 25m from the hole. Earlier times indicate that a lower conductance plate is located less than 5 m from the hole, indicating a less conductive halo around the stronger conductor. See Figures 10 and 11 and Appendix 7 for full size 20"x24" updated plan plot and cross section with 2020 Crone off-hole plates.

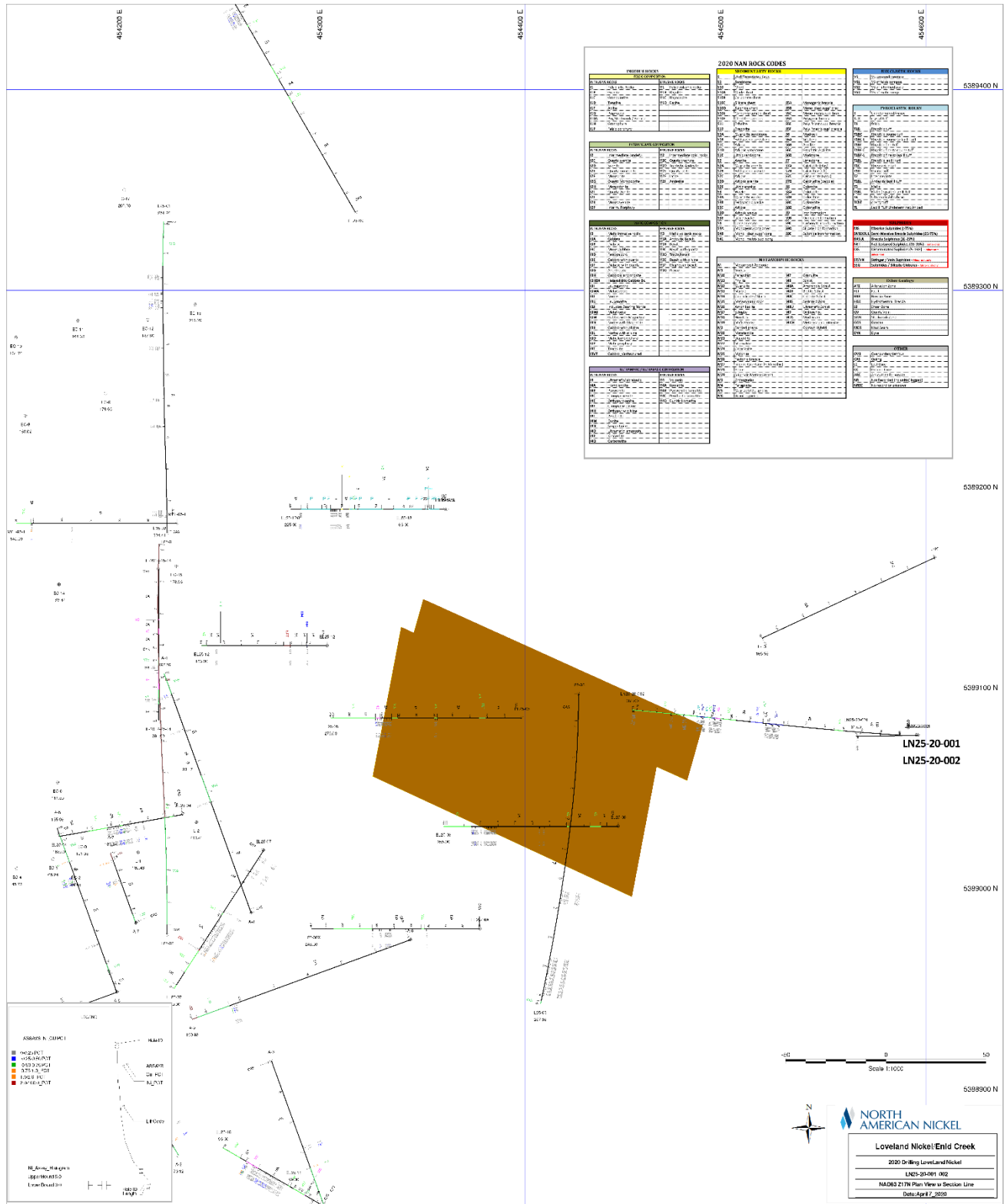


Figure 10. Plan View illustrating the LN25-20-001 & 002 with 2020 Crone off-hole BHEM Plates. See Appendix 4 for full size 20x24 pdf.

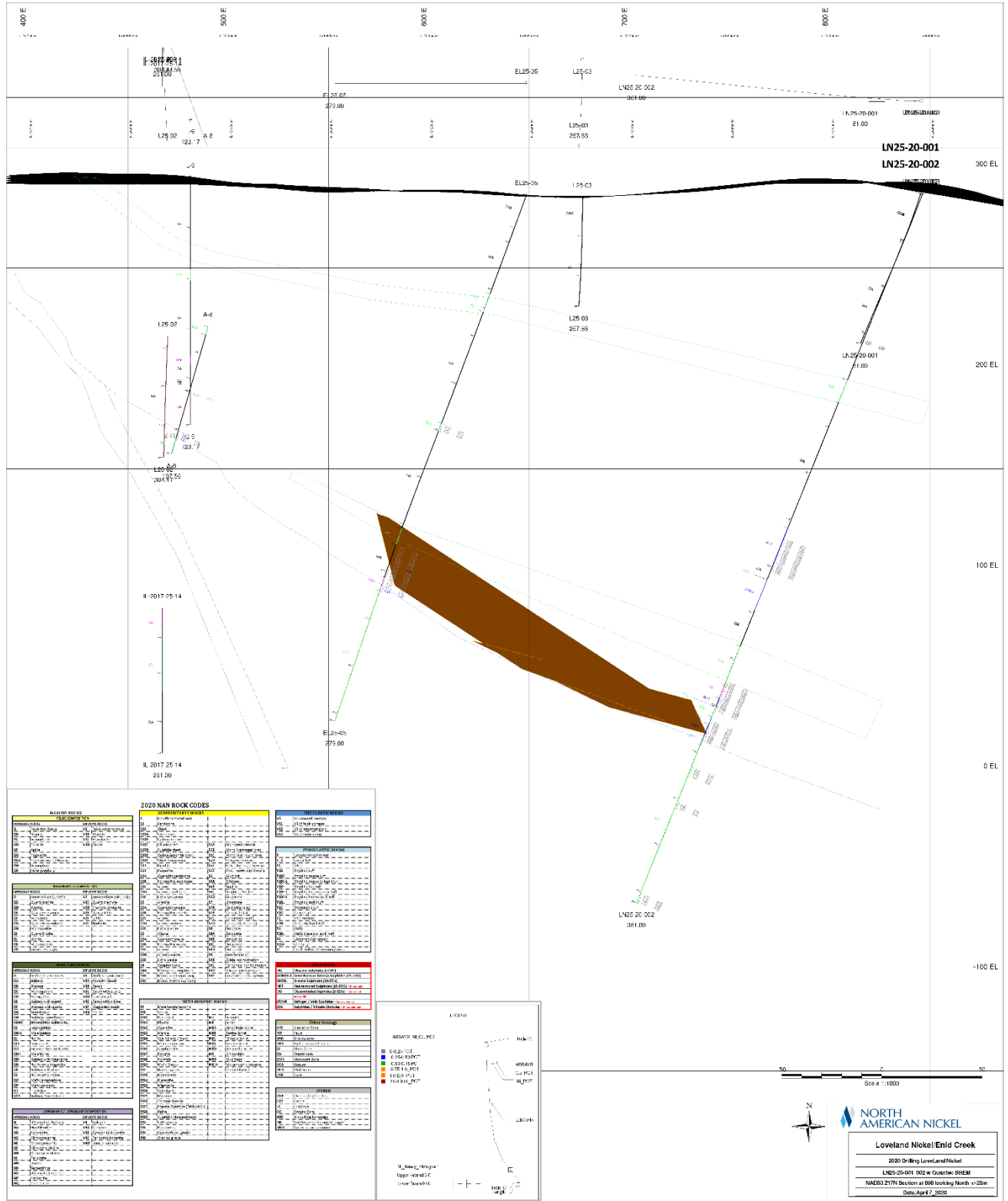


Figure 11. East-West Section View looking North. Illustrating the LN25-20-001 & 002 down dip step-out and 2020 'Updip' Crone Offhole BHEM Plates . See Appendix 4 for full size 20x24 pdf.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

### 5.1 Conclusions

Peter Lightfoot's geochemistry study has outlined the high nickel tenor potential of the Enid Creek Gabbro mineralization with disseminated sulphide tenors trending roughly 5-6.5 and massive sulphide tenors a bit lower at 3-3.5.

The "vari-textured"/"chaotic" textures observed in LN25-20-002 are important as they were observed in shallower holes in the immediate footprint of the historic resource. Thus, proving a link as the presence of clear magmatic-textured sulphides at depth that resemble the shallower textured holes. To summarize, these variable textures include:

- Variable-textured gabbros with clots of more feldspathic coarser-grained gabbro grading into medium-grained gabbro.
- Pyroxenite patches which in some places appear to be inclusions in the variable-textured gabbro – perhaps the presence of an ultramafic megabreccia.

Economic mineralization at the Enid Creek Gabbro appears depth limited in the vicinity of LN25-20-002. Borehole geophysics suggests stronger mineralization occurs up-dip between EL25-05 and LN25-20-002. Mineralization may remain open along strike to the south and the north albeit, must be at some distance (>150m) from LN25-20-002.

### 5.2 Recommendations

The nickel tenors demonstrated within this mafic intrusion supports a limited systematic exploration program consisting of diamond drilling and borehole geophysics. The program should be targeting possible stratigraphic/structural traps along the basal contact of the Gabbro; within the Gabbroic intrusion; as well as potential exists with other mafic/ultramafic intrusions in the local area.

In addition, utilization of sampling/assaying protocols can assist in future exploration decisions and property evaluations. Examples are:

1. Improve future assaying practices to include S, Mg, Cr, and As as well as base and precious metals.
2. Develop a better understanding of the stratigraphic variations in differentiation indices like MgO and thin section petrography to understand the controls on distribution of mineralization at Enid Creek.
3. Complete a more robust investigation of tenor variations in disseminated sulfide mineralization to better understand the controls on high metal tenors.

## 6.0 REFERENCES

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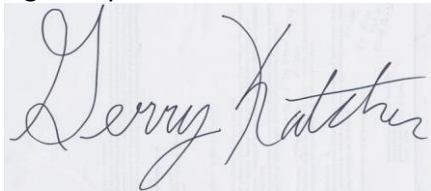
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## 7.0 STATEMENT OF QUALIFICATIONS

I, Gerry Katchen, of the city of Thunder Bay, in the province of Ontario, do hereby certify that:

1. I have worked as a geologist for a total of 20 years
2. I graduated with a degree of B.Sc. (4 year Spec.) in Geology from Brandon University of Brandon Manitoba, in 1999.
3. I am currently professionally registered in Ontario to practise as a Geologist. APGO # 1322
4. I have been and, currently am, a full time employee of North American Nickel since January 2015.
5. I am responsible for the statements made within this assessment report.

Signed By:

A handwritten signature in black ink on a light blue background. The signature reads "Gerry Katchen" in a cursive script.

Gerry Katchen, P.Geo #1322 (APGO)

# REFLEX NORTH FINDER APS™

Unique GPS based compass producing True North azimuth, GPS position and degree of inclination.



The REFLEX NORTH FINDER APS™ (Azimuth Pointing System) is not affected by local magnetic interference. It allows Drilling Operators to align drill rigs and survey instruments and more accurately measure drill hole collars. Accurate collar azimuth is vital and can have the greatest impact on the final end-of-hole coordinates. Geologists are able to use the REFLEX NORTH FINDER APS™ to pick up previous collars and accurately record starting dip and azimuth coordinates.

The REFLEX NORTH FINDER APS™ features UTM and latitude/longitude coordinates, sub-metre GPS position accuracy, Signal Quality indication for more accurate azimuth and a long life battery providing over 10 hours of run time. Collar and directional data from the REFLEX NORTH FINDER APS™ is transferred via Bluetooth connectivity to a REFLEX Table



## Accurate

The REFLEX NORTH FINDER APS™ is accurate to 0.5° of True North Azimuth.

Where GPS integrity is excellent, the accuracy can be less than 0.2°. The unit is built with three accelerometers for exceptional tilt accuracy. The REFLEX NORTH FINDER APS reduces the risks and associated costs of human error in recording drill collar measurements.

## Cost-Saving

When using the REFLEX NORTH FINDER APS™, correct drill collar measurements can be obtained easily and accurately.

Land based surveys are not required which saves significant costs for the project.

## Easy To Use

The REFLEX NORTH FINDER APS™ does not require specialized survey teams to achieve accurate results.

Field staff are able to competently operate the system, with no specialized training required. It is also easy to set up and can be mounted on a pre-positioned rig, tripod or other object with no overhead obstructions to avoid signal interference.



## AZIMUTH ACCURACY

---

0.5° (240 seconds verification)  
0.6° (120 seconds verification)  
0.7° (60 seconds verification)  
1.0° (10 seconds verification)

## TILT ACCURACY

---

± 0.2°

## GPS COORDINATE ACCURACY

---

< 60cm (2ft) with SBAS correction (WAAS, EGNOS, MSAS)  
< 2.5m (8ft) autonomous

## DIMENSIONS

---

7 cm high x 11.5 cm wide x 48.5 cm long (2.8" x 4.5" x 19")\*

## WEIGHT

---

2.18 kg (4.75 lbs)\*

## TEMPERATURE RANGE

---

-30° to 60°C (-22° to 140°F)

## SEALING

---

NEMA 4 (IP 65)

## INTERNAL BATTERY

---

12 V DC rechargeable lithium ion (>10 hours operation)  
< 6 hour charge time with wall or car charger (supplied)

## COMMUNICATIONS

---

Bluetooth (BLE)

## ITEMS INCLUDED

---

Panasonic Fz-B2d200maa 7" Tablet Android 6  
Panasonic Fz-B2 DC Charger  
Assembly Clamp, TN14 MkII  
APS Scope w Bracket  
USB Stick  
APS II Charger  
Ruggedized APS Case  
*Waterproof case which houses tool, wall and car chargers, casing bracket and Optical Scope Plate.*

## OPTIONS

---

Casing Bracket with adjustable clamp.  
Tripod Manfrotto  
Mini Geared Head for Tripod Manfrotto  
Optical Scope Plate with ¼-20 and 5/8-11 mounting holes.

---

*\*With no options attached*

## Further Information

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For more information please go to our website [www.reflexnow.com](http://www.reflexnow.com) or contact your nearest REFLEX office.

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# REFLEX GYRO SPRINT-IQ™

Survey 3x faster and twice as accurate.



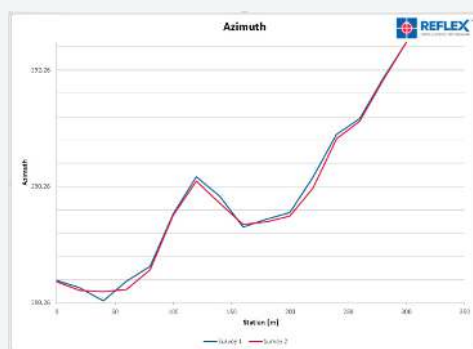
The fastest, most accurate north seeking gyro is here. The REFLEX GYRO SPRINT-IQ™ is available in continuous, single shot, multi shot and over shot modes and provides highly accurate survey data at speeds of up to 3x faster than currently used gyros.

Critical decision making with confidence can be done on site in real time as users gain instant access to results through the cloud-based IMDEXHUB-IQ™. Run in continuous mode, the REFLEX GYRO SPRINT-IQ™ high speed benefits include survey speeds of more than 150 meters surveyed per minute and come at no degradation of high accuracy results. With the REFLEX GYRO SPRINT-IQ™, you can be confident of the survey data that comes from the tool's north seeking sensors.

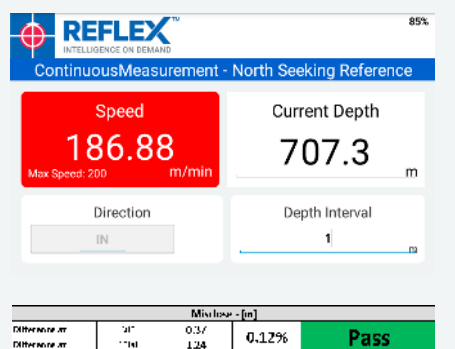
## High Speed, High Accuracy

Tried and tested, the REFLEX GYRO SPRINT-IQ™ has crossed the finishing line well ahead of the competition during recent operation in Australia. The results speak for themselves:

### Azimuth



### Speed



## Benefits

- 3x faster than currently used gyros in the industry and twice as accurate
- Seeks out True North with no risk of magnetic interference
- Increase productivity and reduce downtime by surveying during the normal drilling cycle
- Driller operable with no service providers required on site – minimal training required and an intuitive interface makes the tool easy to use
- Vertical and angled orientation – fast and accurate orientation of bottom hole assemblies without the need for costly, non-magnetic alloys.

## High Speed, High Accuracy

The REFLEX GYRO SPRINT-IQ™ surveys up to three times faster than currently used Gyros in the industry. The REFLEX GYRO SPRINT-IQ™ maintains a high accuracy of surveys, up to twice as accurate as current gyros, while being high speed.

When using the REFLEX GYRO SPRINT-IQ™ there is less downtime, so drillers can drill more meters in less time, increasing productivity. The high speed advantages come at no degradation of the high accuracy survey results, benefiting geologists.

## Data Solution

The REFLEX GYRO SPRINT-IQ™ is connected to the award winning cloud-based IMDEXHUB-IQ™, offering a streamlined data solution including secure chain of custody and QA/QC, and real-time access to reliable drilling data.

REFLEX has engineered the REFLEX GYRO SPRINT-IQ™ to ensure highly accurate data is collected and to provide the secure transmission of the data to the end user. The seamless transfer from field to office significantly reduces human errors related to processing and interpretation bringing you critical borehole information you can rely on.

## Operation

Able to survey at all attitudes, the REFLEX GYRO SPRINT-IQ™ is well suited to underground and surface drilling environments of the mineral exploration industry. Working closely with the drilling operators, REFLEX has developed universal running gear to ensure that the REFLEX GYRO SPRINT-IQ™ can be used in all standard RC and diamond coring applications.

## Further Information

For more information please go to our website [reflexnow.com](http://reflexnow.com) or contact your nearest REFLEX office.

### DIMENSIONS

Outer diameter	42.5mm
Length	1400mm including battery*
Weight	8kg including battery*

### OPERATIONAL ENVIRONMENT

Operational Temperature	0°C to + 70°C (32°F to + 158°F)
Depth	6,000psi (3,000m fresh water)
Shock	500g (including bump sub)

### PERFORMANCE

Azimuth	+/- 1° **
Dip	+/- 0.3°
Survey	Single and multi-shot modes, continuous mode
Data	CSV export
Survey Time	>50m/minute, continuous

### BATTERY

Type	Ni-MH Rechargeable batteries
Operating time	15 hours each
Field changeable	Yes, 2 batteries supplied per kit

### DATA

Quantity	11 hours of continuous data
Export	USB and WiFi
Format	CSV

\*Excluding running gear      \*\*Results depend on latitude and inclination

The REFLEX GYRO SPRINT-IQ is compatible with the REFLEX ROTALOCK OVERSHOT™

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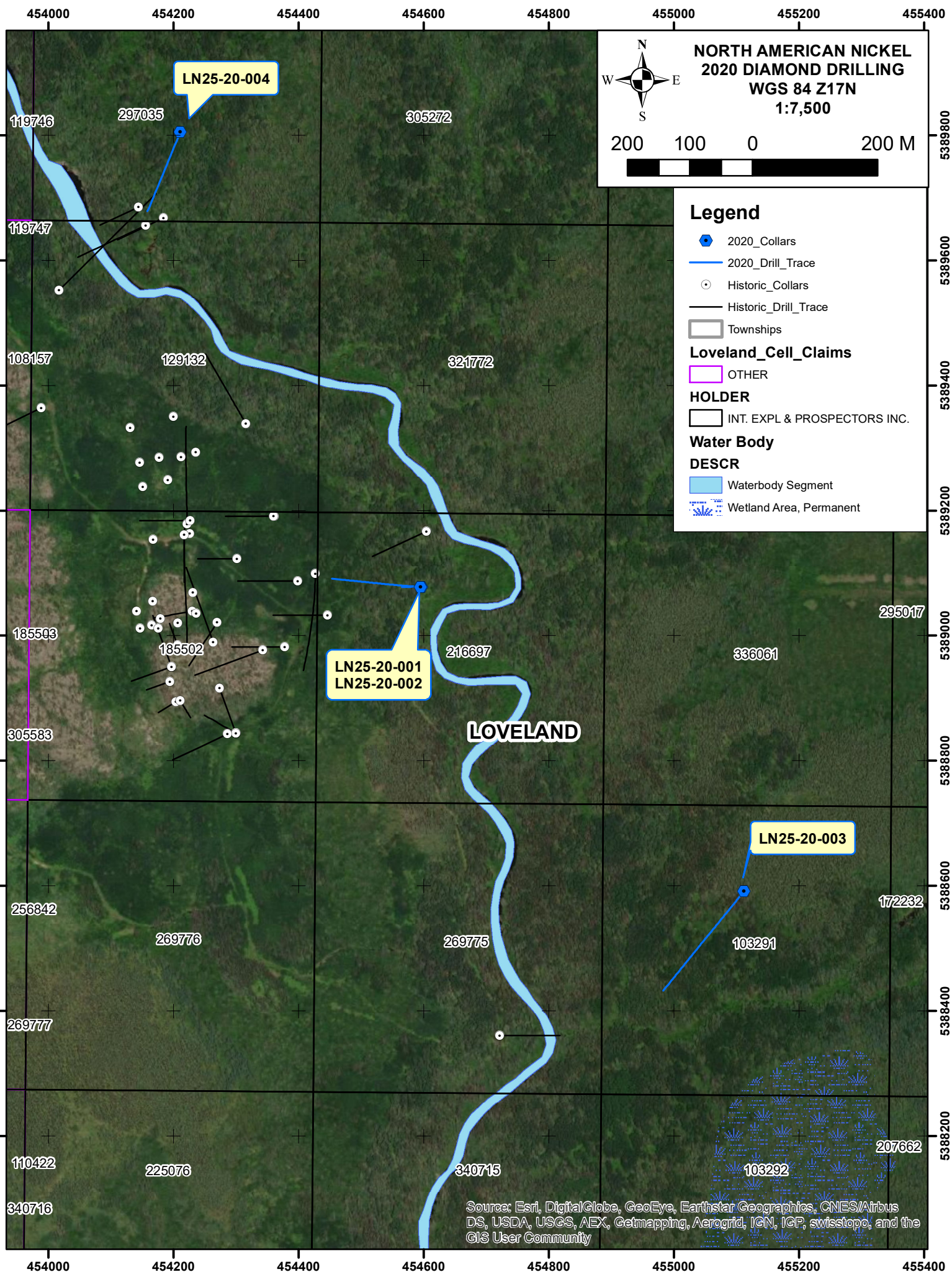
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**NORTH AMERICAN NICKEL  
2020 DIAMOND DRILLING  
WGS 84 Z17N  
1:7,500**

200 100 0 200 M

**Legend**

- ◆ 2020\_Collars
- 2020\_Drill\_Trace
- Historic\_Collars
- Historic\_Drill\_Trace
- Townships

**Loveland\_Cell\_Claims**

- OTHER

**HOLDER**

- INT. EXPL & PROSPECTORS INC.

**Water Body**

**DESCR**

- Waterbody Segment
- Wetland Area, Permanent

LN25-20-004

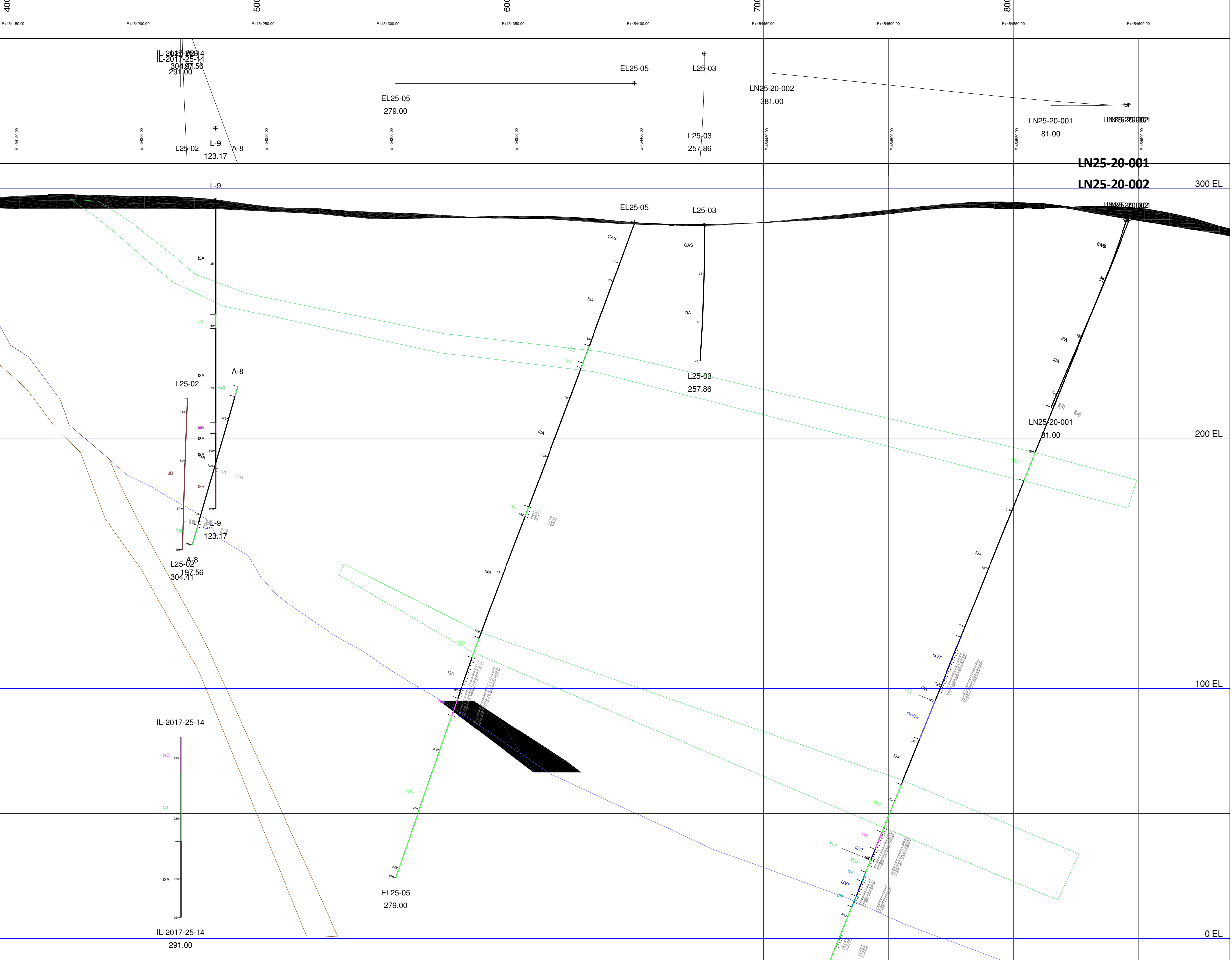
LN25-20-001  
LN25-20-002

LN25-20-003

**LOVELAND**

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community





INGEIOUS ROCKS		EFFUSIVE ROCKS	
<b>INTRUSIVE ROCKS</b>	<b>FELSIC COMPOSITION</b>	<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>
I1	Felsic Intr. Rocks	V1	Felsic volcanic rocks
I1B	Granite	V1B	Rhyolite
I1C	Granodiorite	V1C	Rhyodacite
I1D	Tonalite	V1D	Dacite
I1F	Apfite		
I1G	Pegmatite		
I1GS	Flag Stockwork / Breccia		
I1H	Granophyre		
I1P	Felsic porphyry		
<b>INTERMEDIATE COMPOSITION</b>		<b>EFFUSIVE ROCKS</b>	
I2	Intermediate (undef.)	V2	Intermediate volc. rocks
I2C	Quartz syenite	V2C	Quartz trachyte
I2D	Syenite	V2D	Trachytic Andesite
I2E	Quartz monzonite	V2E	Quartz latite
I2F	Monzonite	V2F	Latite
I2G	Quartz Monzoniorite	V2G	Andesite
I2H	Monodiorite		
I2I	Quartz Diorite		
I2J	Diorite		
I2K	Monosyenite		
I2P	Interm. Porphyry		

INGEIOUS ROCKS		EFFUSIVE ROCKS	
<b>INTRUSIVE ROCKS</b>	<b>MAFIC COMPOSITION</b>	<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>
I3	Mafic intrusive rocks	V3	Mafic volcanic rocks
I3A	Gabbro	V3A	Andesitic Basalt
I3B	Diorase	V3B	Basalt
I3C	Monzogabbro	V3C	Basalt with quartz
I3D	Ferrogabbro	V3D	Trachybasalt
I3E	Gabbro with quartz	V3E	Basalt with olivine
I3F	Diorase with quartz	V3F	Magnesian basalt
I3G	Anorthosite	V3G	Picrite
I3H	Gabbroic anorthosite		
I3HX	Heterolithic Gabbro Bc.		
I3I	Leucogabbro		
I3MA	Melagabbro		
I3J	Norrite		
I3K	Norrite with Magnetite		
I3L	Inclusion Bearing Norrite		
I3M	Melanorite		
I3N	Gabbro with Magnetite		
I3O	Norrite with Magnetite		
I3P	Mafic porphyry		
I3T	Troctolite		
I3VT	Gabbro Variotextured		

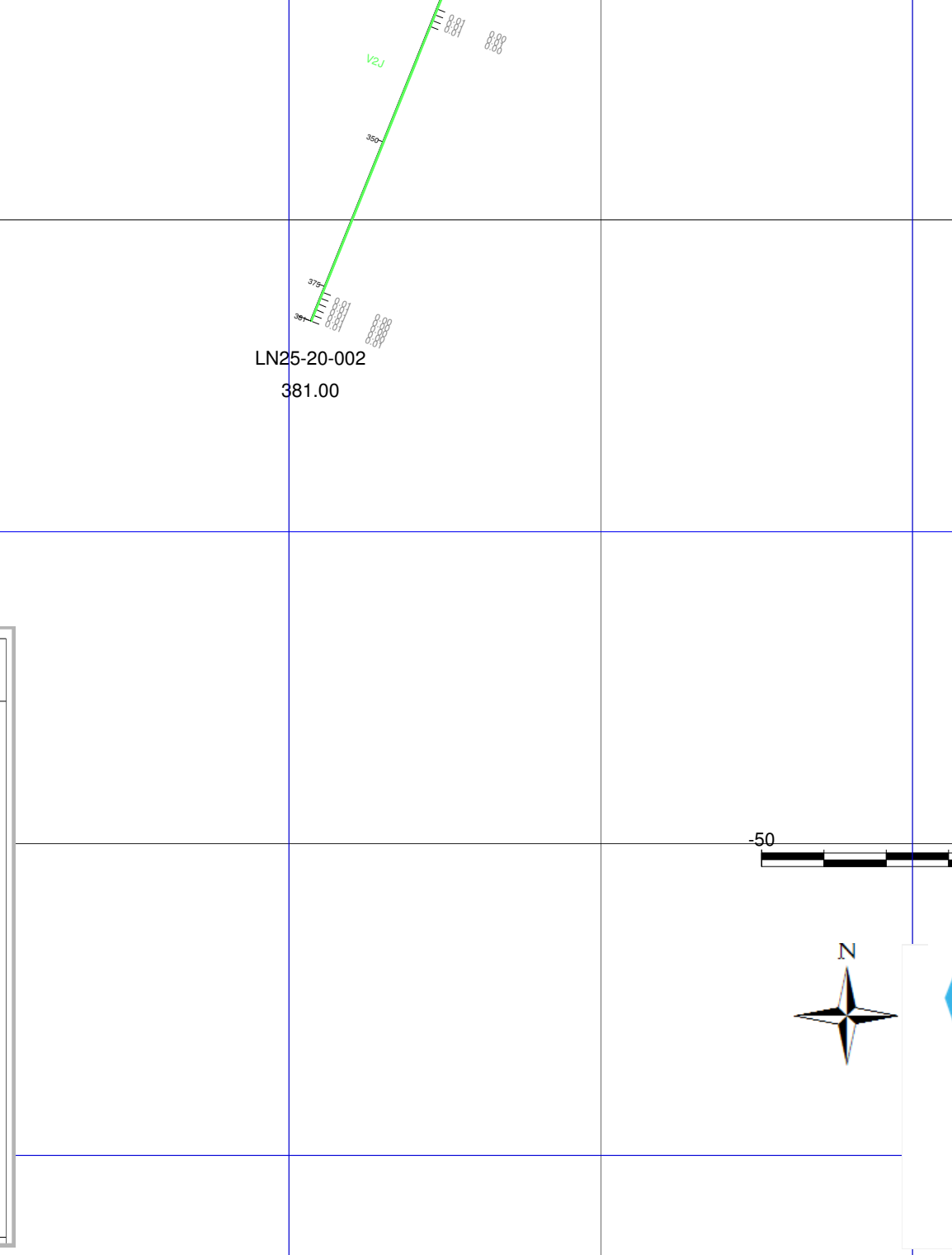
  

INGEIOUS ROCKS		EFFUSIVE ROCKS	
<b>INTRUSIVE ROCKS</b>	<b>ULTRAMAFIC / ULTRABASIC COMPOSITION</b>	<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>
I4	Ultramafic/ultrabasic	V4	Volcanic
I4A	Hornblende	V4A	Komatiite
I4B	Pyroxenite	V4B	Pyroxenitic komatiite
I4C	Clinopyroxenite	V4C	Pseudotachite komatiite
I4E	Orthopyroxenite	V4D	Dunite komatiite
I4F	Clinopyrox w. olivine		
I4H	Orthopyrox w. olivine		
I4I	Peralite		
I4M	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonatite		

SEDIMENTARY ROCKS		MIX CLASTIC ROCKS	
<b>S</b>	Undifferentiated Sed.	<b>V5</b>	Volcanosedimentary
S1	Sandstone	V5A	V5 of felsic comp.
S10	Chert	V5B	V5 of intermediate c.
S10A	Oxide chert	V5C	V5 of mafic comp.
S10B	Carbonate chert		
S10C	Silicate chert	SSA	Monogenic breccia
S10D	Sulphide chert	SSB	Mono 'clast sup' brecc
S10E	Carbon/graphitic chert	SSC	Mono 'matrix sup' brecc
S10F	Chart ferruginous	SSD	Polygenic breccia
S11	Falschale	SSE	Poly 'clast sup' breccia
S12	Evaporite	SSF	Poly 'matrix sup' breccia
S1A	Quartzitic sandstone	S6	Mudrock
S1B	Feldspathic sandstone	S6A	Siltstone
S1C	Arkose	S6B	Argillite
S1D	Arkosic sandstone	S6C	Graphitic Argillite
S1E	Lithic sandstone	S6D	Mudstone
S2	Arenite	S7	Limestone
S2A	Quartzitic arenite	S7A	Calclite (clay)
S2B	Feldspathic arenite	S7B	Calclite (silt)
S2C	Arkose	S7C	Calcarenite (sand)
S2D	Arkosic arenite	S7D	Calcarenite (pebble)
S2E	Lithic arenite	S8	Dolomite
S3	Wacke	S8A	Dololite
S3A	Quartzitic wacke	S8B	Dololite
S3B	Feldspathic wacke	S8C	Dolarenite
S3C	Arkose	S8D	Dolorulite
S3D	Arkosic wacke	S9	Iron formation
S3E	Lithic wacke	S9B	Oxide iron formation
S4	Conglomerate	S9C	Carbonate iron formation
S4A	Monogenic conglom.	S9D	Silicate iron formation
S4B	Mono. 'clast sup' cong	S9E	Sulphide iron formation
S4C	Mono. 'matrix sup' cong		

PYROCLASTIC ROCKS		SULPHIDES	
<b>T</b>	Undetermined/mixed	<b>MS</b>	Massive Sulphides (>75%)
T.X	crystal tuff	SMRKSUL	Semi-Massive Breccia Sulphides (25-75%)
T1	Felsic	BXSUL	Breccia Sulphides (10-25%)
T1B	Rhyolitic tuff	NET	Not-textured Sulphides (15-35%) - Minor units
T1BC	Rhyolitic coarse tuff	DIS	Disseminated Sulphides (5-15%) - Minor units
T1BCL	Rhyolitic coarse to lapilli tuff	ST/IN	Steeper / Vein Sulphides - Minor units only
T1BF	Rhyolitic fine tuff	SSG	Sulphides / Silicate Globules - Minor units only
T1BF-C	Rhyolitic fine to coarse tuff		
T1BF-L	Rhyolitic fine to lapilli tuff		
T1BL	Rhyolitic lapilli tuff		
T1C	Rhyolitic tuff		
T1D	Dacitic tuff		
T2	Intermediate		
T3	Mafic		
T3BL	Andesitic lapilli tuff		
T4	Ultramafic/ultrabasic		
TCAT	cherty tuff		
TL	Lapilli Tuff Undetermined/mixed		



**LEGEND**

ASSAYS\_NI, CU, PCT

0-0.25\_PCT  
0.25-0.50\_PCT  
0.50-0.75\_PCT  
0.75-1.0\_PCT  
1.0-2.0\_PCT  
2.0-100.0\_PCT

Hole ID  
ASSAYS  
Cu\_PCT  
Ni\_PCT  
LithCode

Scale 1:1000

**NORTH AMERICAN NICKEL**

**Loveland Nickel/Enid Creek**

2020 Drilling Loveland Nickel  
LN25-20-001\_002 w Quantec BHEM  
NAD83 Z17N Section at 090 looking North +/-25m  
Date: April 7, 2020

## DRILL HOLE REPORT

 Hole Number: **LN25-20-001**

 Project: **NORTH AMERICAN NICKEL**

 Project Number: **1**

<b>Drilling</b>	<b>Casing</b>	<b>Core</b>	<b>Location</b>	<b>Other</b>
<b>Azimuth:</b> 267.6	<b>Length:</b> 27	<b>Dimension:</b> NQ	<b>Township:</b> LOVELAND	<b>Logged by:</b> Jim Sparling & Gerry Katchen
<b>Dip:</b> -69	<b>Pulled:</b> no	<b>Storage:</b> Timmins IEP	<b>Claim No.:</b> 216697	<b>Relog by:</b>
<b>Length:</b> 81	<b>Capped:</b> no	<b>Section:</b>	<b>NTS:</b> 42A12	<b>Contractor:</b> NPLH Drilling
<b>Started:</b> 12-Feb-20	<b>Cemented:</b> no	<b>Hole Type</b> DDH	<b>Hole:</b> SURFACE	<b>Spotted by:</b> Jim Sparling & Gerry Katchen
<b>Completed:</b> 14-Feb-20				<b>Surveyed:</b> yes
<b>Logged:</b> 15-Feb-20				<b>Surveyed by:</b> APS
<b>Comment:</b> ""Casing pushed to 27m. Somewhat competent gabbro starts at 26.65m" DDH Lost at 81m due to OVB Washing away causing casing to break. Rods are broken. Casing_Shoe Bit_Rods and Core Barrel are downhole.			<b>Coordinate - Gemcom</b> <b>East:</b> 454596.1 <b>North:</b> 5389078.46 <b>Elev.:</b> 287.23	<b>Coordinate - UTM</b> <b>East:</b> 454596.1 <b>North:</b> 5389078.46 <b>Elev.:</b> 287.23 <b>Zone:</b> 17N <b>NAD:</b> NAD83
				<b>Geophysics:</b> <b>Geophysic Contractor:</b> <b>Left in hole:</b> Rod and Bit and <b>Making water:</b> no <b>Multi shot survey:</b> no

### Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	267.60	-69.00	C	<input checked="" type="checkbox"/>	Collar
45.00	269.60	-66.80	E	<input checked="" type="checkbox"/>	
75.00	270.20	-66.80	E	<input checked="" type="checkbox"/>	

## LITHOLOGY REPORT - Detailed -

 Hole Number: **LN25-20-001**

 Project: **NORTH AMERICAN NICKEL**

 Project Number: **1**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)
0.00	26.65	<b>OVB</b> <b>Overburden/detritus</b> No recovery Core missing									
26.65	81.00	<b>I3A</b> <b>Gabbro</b> ""Medium to dark grey, medium to coarse grained, slightly vari-textured/taxitic gabbro?. Unit is massive and competent. No Sulphides visible and nothing appears conductive. Unit has multiple headed shear zones at various angles to core axis but, predominantly occur between 20-45dca. Unit possess' local bleaching of plagioclase. Small intermediate to mafic dyke from 79.05-79.35, minor epidote alteration with 3% blebby cpy and 1% py. EOH is 81m""	D15001	78.00	79.05	1.05	0.01	0.00	30	0.01	-
			D15002	79.05	79.35	0.30	0.01	0.04	10	0.05	1.00
			D15003	79.35	80.00	0.65	0.01	0.00	10	0.01	-
		<b>Alteration Maj:</b> <b>Type/Style/Intensity</b> <b>Comment</b>									
		26.65 - 81.00	BL PCH WM								local dm to m sections of plagioclase bleaching
		<b>Mineralization Maj. :</b> <b>Type/Style/%Mineral</b> <b>Comment</b>									
		79.05 - 79.35	Py MG 1								
		79.05 - 79.35	Cp BL 3.5								
		<b>Structure Maj.:</b> <b>Type/Core Angle</b> <b>Comment</b>									
		33.45 - 33.50	Shr vn 25								healed shear
		35.00 - 36.00	Shr vn 1								Healed shear vein parrallel to core axis
		37.20 - 37.30	Shr vn 45								Healed shear
		45.50 - 46.50	Shr vn 30								Healed shear vein with some grinding of crystal graines
		45.50 - 46.50	Shr vn 50								Healed shear with some realignment of crystal graines
		49.00 - 50.00	Frc 3								""Fracture plane running roughly 3dca,very minor slickensided. Not much movement. Minor calcite infilling""
		51.50 - 51.60	Shr vn 25								Healed shear vein
		55.75 - 55.90	Shr vn 50								""Healed shear vein, minor grinding of crystals.""



## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-001**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Final Est</i> (SUL)
64.00	65.00	Shr vn 35									
64.00	65.00	Shr vn 45									
65.50	66.50	Frc 5									
72.00	72.10	Shr vn 20									
<b>Minor Interval:</b>											
79.05	79.35	I2									
		Intermediate (undef.) ""Intermediate to mafic dyke, unknown composition. unit is med to dark grey, massive with local pods of epidote alteration and 1% pyrite and 3-5% chalcopyrite. Upper contact 60dca, lower contact diffuse.""									
<b>Alteration Min:</b>		<b>Type/Style/Intensity</b>	<b>Comment</b>								
79.05	79.35	EP PD W									
<b>Mineralization Min:</b>		<b>Type/Style/%Mineral</b>	<b>Comment</b>								
79.05	79.35	Py MG 1									
79.05	79.35	Cp BL 3.5									
<b>Structure Min.:</b>		<b>Type/Core Angle</b>	<b>Comment</b>								
79.05	79.10	ct 60	Upper Contact								

**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-001

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 1 of 1)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)	<i>Ni</i> (100)	<i>Ag</i> (ppm)	<i>Au</i> (ppm)	<i>Au</i> (ppb)	<i>Pd</i> (ppm)	<i>Pd</i> (ppb)	<i>Pt</i> (ppm)	<i>Pt</i> (ppb)	<i>Pulp</i> (SG)	<i>Sgrav</i> (CORE)	<i>Rock oglithm</i> (CODE)	<i>Pb</i> (%)	<i>Zn</i> (%)	
78.00	79.05	1.05	D15001	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	30	0.01	-	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.00
79.05	79.35	0.30	D15002	ALS Chemex	SD20047101	17-Mar-20	0.01	0.04	10	0.05	4.00	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.00
79.35	80.00	0.65	D15003	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00

**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-001

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 2 of 1)**

<b>From</b> (m)	<b>To</b> (m)	<b>Length</b> (m)	<b>Sample #</b>	<b>Lab</b>	<b>Certificate #</b>	<b>Date of Certificate</b>	<b>Cu</b> (ppm)	<b>Ni</b> (ppm)	<b>Cu</b> 'OG_PCTOG_PCTICP_PCTDG1_PCTDG2_PC'	<b>Ni</b>	<b>S</b>	<b>S</b>	<b>S</b>
78.00	79.05	1.05	D15001	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
79.05	79.35	0.30	D15002	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
79.35	80.00	0.65	D15003	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-001

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 1 of 3)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Al</i> (%)	<i>As</i> (ppm)	<i>B</i> (ppm)	<i>Ba</i> (ppm)	<i>Be</i> (ppm)	<i>Bi</i> (ppm)	<i>Ca</i> (%)	<i>Cd</i> (ppm)	<i>Cr</i> (ppm)	<i>Fe</i> (%)	<i>Fe</i> PCTOG1	<i>Fe</i> PCTOG2	<i>Fe</i> PCT_FIN	<i>Ga</i> (ppm)	<i>Hg</i> (ppm)	<i>K</i> (%)	<i>La</i> (ppm)	<i>Li</i> (ppm)	<i>Mg</i> (%)
78.00	79.05	1.05	D15001	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
79.05	79.35	0.30	D15002	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
79.35	80.00	0.65	D15003	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-001

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 2 of 3)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Mn</i> (ppm)	<i>Mo</i> (ppm)	<i>Na</i> (%)	<i>P</i> (ppm)	<i>Pb</i> (ppm)	<i>S</i> (%)	<i>Sb</i> (ppm)	<i>Sc</i> (ppm)	<i>Sn</i> (ppm)	<i>Sr</i> (ppm)	<i>Te</i> (ppm)	<i>Th</i> (ppm)	<i>Ti</i> (%)	<i>Tl</i> (ppm)	<i>U</i> (ppm)	<i>V</i> (ppm)	<i>W</i> (ppm)	<i>Y</i> (ppm)	<i>Zn</i> (ppm)	
78.00	79.05	1.05	D15001	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30
79.05	79.35	0.30	D15002	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	20
79.35	80.00	0.65	D15003	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-001

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 3 of 3)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Zr</i> (ppm)	<i>Al2o3</i> (%)	<i>Cr2o3</i> (%)	<i>CaO</i> (%)	<i>Fe2o3</i> (%)	<i>K2o</i> (%)	<i>Mgo</i> (%)	<i>Mno</i> (%)	<i>Sio2</i> (%)	<i>Tio2</i> (%)	<i>Nb</i> (ppm)	<i>P</i> (%)	<i>Ta</i> (ppm)
78.00	79.05	1.05	D15001	ALS Chemex	SD20047101	17-Mar-20	-	17.30	0.03	8.19	7.44	0.70	5.00	0.11	54.10	0.42	-	-	-
79.05	79.35	0.30	D15002	ALS Chemex	SD20047101	17-Mar-20	-	13.65	0.01	4.55	4.29	0.30	1.72	0.04	67.40	0.63	-	-	-
79.35	80.00	0.65	D15003	ALS Chemex	SD20047101	17-Mar-20	-	17.00	0.03	7.98	7.05	0.60	4.72	0.10	54.30	0.46	-	-	-

## DRILL HOLE REPORT

 Hole Number: **LN25-20-002**

 Project: **NORTH AMERICAN NICKEL**

 Project Number: **1**

<b>Drilling</b>	<b>Casing</b>	<b>Core</b>	<b>Location</b>	<b>Other</b>
<b>Azimuth:</b> 267.28	<b>Length:</b> 27	<b>Dimension:</b> NQ	<b>Township:</b> LOVELAND	<b>Logged by:</b> Jim Sparling & Gerry Katchen
<b>Dip:</b> -71.67	<b>Pulled:</b> no	<b>Storage:</b> Timmins IEP	<b>Claim No.:</b> 216697	<b>Relog by:</b>
<b>Length:</b> 381	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A12	<b>Contractor:</b> NPLH Drilling
<b>Started:</b> 12-Feb-20	<b>Cemented:</b> no	<b>Hole Type</b> DDH	<b>Hole:</b> SURFACE	<b>Spotted by:</b> Jim Sparling & Gerry Katchen
<b>Completed:</b> 22-Feb-20				<b>Surveyed:</b> yes
<b>Logged:</b> 19-Mar-20				<b>Surveyed by:</b> APS
<b>Comment:</b> Casing driven to 27m. Core beginning at 25.35. Original hole was abandoned and drill moved approximately 1m west. Hole Gyro'ed and North Seeking Information is used.				<b>Geophysics:</b> BHPPEM
			<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>
			<b>East:</b> 454595.1	<b>East:</b> 454595.1
			<b>North:</b> 5389078.45	<b>North:</b> 5389078.45
			<b>Elev.:</b> 287.23	<b>Elev.:</b> 287.23
			<b>Zone:</b> 17N	<b>NAD:</b> NAD83
				<b>Geophysic Contractor:</b> Crone
				<b>Left in hole:</b> Casing and Casin
				<b>Making water:</b> no
				<b>Multi shot survey:</b> yes

### Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	267.37	-71.75	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
5.01	267.75	-71.59	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
10.02	269.10	-70.85	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
15.03	270.42	-69.90	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
20.00	272.11	-68.70	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
25.03	273.29	-68.01	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
30.00	274.17	-67.93	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
35.00	274.21	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
40.02	274.21	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
45.00	274.28	-67.93	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
49.99	274.23	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
55.04	274.24	-67.93	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
60.02	274.36	-67.95	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey

### Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
65.04	274.31	-67.97	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
68.79	273.83	-68.02	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
68.85	273.81	-68.02	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
69.99	274.35	-67.97	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
74.98	274.36	-68.02	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
79.97	274.60	-67.98	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
84.99	274.68	-67.98	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
90.00	274.92	-67.99	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
95.02	274.97	-67.97	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
100.01	275.05	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
105.00	275.16	-67.95	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
110.02	275.10	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
115.04	275.13	-67.98	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey

## HEADER REPORT

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Deviation Tests**

Distance	Azimuth	Dip	Type	Good	Comments
120.03	275.09	-67.97	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
125.04	275.20	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
130.03	275.24	-67.93	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
135.02	275.20	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
140.01	275.42	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
145.00	275.58	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
150.01	275.66	-67.99	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
155.03	275.72	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
160.01	275.70	-67.95	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
164.98	275.76	-67.89	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
170.00	275.72	-67.86	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
175.03	275.75	-67.87	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
180.01	275.90	-67.88	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
183.77	275.50	-67.86	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
183.83	275.50	-67.85	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
185.00	275.81	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
190.01	275.67	-67.98	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
195.02	275.73	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
200.01	275.84	-68.00	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
205.03	275.89	-67.98	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
210.00	275.88	-67.97	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
215.02	275.74	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
220.00	275.80	-67.93	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
225.02	275.92	-67.93	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
230.02	275.85	-67.96	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
235.01	275.89	-67.97	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
240.02	275.84	-67.95	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
244.98	275.89	-67.94	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
250.05	275.87	-67.89	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
254.99	275.96	-67.87	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey

**Deviation Tests**

Distance	Azimuth	Dip	Type	Good	Comments
260.00	275.96	-67.88	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
265.03	275.71	-67.85	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
270.02	275.92	-67.83	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
274.99	275.82	-67.82	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
280.04	275.76	-67.86	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
285.02	275.86	-67.86	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
289.98	275.79	-67.89	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
295.02	275.93	-67.87	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
300.01	275.86	-67.90	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
304.98	275.86	-67.92	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
310.01	275.88	-67.88	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
315.02	275.87	-67.89	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
320.02	275.91	-67.87	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
324.98	275.76	-67.88	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
330.02	275.55	-67.90	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
335.00	275.51	-67.89	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey
335.54	275.49	-67.90	G	<input checked="" type="checkbox"/>	Average of Reflex Sprint IN_Hole and OUT_Hole Gyro Survey



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Hole Number: **LN25-20-002**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Final Est (SUL)</i>
0.00	25.35	<b>CAS Casing</b> Casing pushed down to 27m but entered solid bedrock at 25.35m									
25.35	99.75	<b>I3A Gabbro</b> ""Light to medium grey, medium to local coarse grained, non-magnetic, primarily massive with local large sections (multi-metre size exhibiting slight vari-textured fabric). Unit is typically very competent with multiple areas of healed fractures/shear zones present. Rare minor local clasts of gabbroic composition appear to randomly appear within intrusion. Unit does appear to contain local lesser amounts of clear quartz. Minor local blebs of epidote and local sausserization of plag along fractures. Trace local disseminations of fine grained pyrite/cpy.""									
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
		25.35 - 30.80	Sil P WM								
		30.80 - 31.90	Sil P WM								
		30.80 - 31.90	Carb F WM	local carbonate along fracture plane							
		30.80 - 31.90	SA P MS	saussertization of plag due to fracture plane alteration							
		31.90 - 99.75	Sil P M								
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
		39.00 - 42.00	Py DIS 0.25	trace disseminated fine grained pyrite.							
		42.00 - 99.75	Py DIS 0.25								
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
		30.80 - 31.90	Shr vn 40	Healed shear veins and fracture planes							
		37.30 - 37.60	Shr vn 35	Healed shear vein/fracture planes with med-dark grey non-magnetic material.							
		38.45 - 38.70	Shr vn 35	Healed shear vein/fracture planes with me-dark grey non-magnetic material.							
		45.05 - 45.15	Shr vn 45	Healed shear vein/fracture plane.							

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### - Detailed -

 Hole Number: **LN25-20-002**

 Project: **NORTH AMERICAN NICKEL**

 Project Number: **1**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Final Est</i> (SUL)
	52.60 - 52.85	Shr vn 50				Healed shear vein with fsp and qtz infilling/alteration					
	54.80 - 55.60	Frc 3				low angle fracture plane 3-5 dca. Minor carbonate along fracture plane					
	57.30 - 59.00	Frc 5				low angle fracture plane 3-5 dca. Minor carbonate along fracture plane					
	59.70 - 59.80	Frc 40				strong sausseritization along fracture plane					
	78.55 - 78.65	Shr vn 50				""shear/fracture zone with carb, hem and qtz.""					
	86.40 - 86.60	Frc 15				minor qtz infilling					
	87.30 - 87.40	Frc 15				fracture plane					
	92.05 - 92.35	Shr vn 20				Feldspar healed shear vein. Minor rotation or crystals					
	99.70 - 99.75	ct 60				Lower contact 60dca					
<b>Minor Interval:</b>											
	35.30	35.75	I2	<i>Intermediate (undef.)</i>							
""Light to medium grey, fine to medium grained intermediate intrusive? Contacts are somewhat diffuse and have been recrystallized with coarse to very coarse plag. Minor Epidote alteration. Non magnetic.""											
<b>Alteration Min:</b>											
	35.30	35.75	EP PCH W	<b>Type/Style/Intensity Comment</b>							
<b>Minor Interval:</b>											
	52.60	52.85	VN	<i>Dominant &lt;&lt;veining material&gt;&gt;</i>							
""qtz/fsp dominate vein along healed fracture/shear. Fine grained , well developed fabric approx. 50dca. Non magnetic""											
<b>Alteration Min:</b>											
	52.60	52.85	Carb F W	<b>Type/Style/Intensity Comment</b>							
	52.60	52.85	Sil P MS	<b>Type/Style/Intensity Comment</b>							

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Final Ni (PCT)	Final Cu (PCT)	Final Co (PPM)	Final S (PCT)	Est (SUL)
		<b>Minor Interval:</b>									
	55.75	56.20	I3	<i>Mafic intrusive rocks</i>							
	""Fine grained, dark grey diabase dyke? Non-mineralized. Upper contact approx. 65dca. Unit is non-magnetic""										
	<b>Structure Min.:</b>		<b>Type/Core Angle</b>	<b>Comment</b>							
	55.75	55.80	ct 65								
		<b>Minor Interval:</b>									
	65.50	65.60	VN	<i>Dominant &lt;&lt;veining material&gt;&gt;</i>							
	1cm thick qtz vein with minor cpy present										
	<b>Mineralization Min:</b>		<b>Type/Style/%Mineral</b>	<b>Comment</b>							
	65.50	65.60	Cp BL 1.5	Minor cpy within qt vein material							
	<b>Structure Min.:</b>		<b>Type/Core Angle</b>	<b>Comment</b>							
	65.50	65.60	Vn 35	qtz vein							
		<b>Minor Interval:</b>									
	78.55	78.90	I2	<i>Intermediate (undef.)</i>							
	""Intermediate intrusive dyke?, fine to coarse recrystallized crystals at contacts. Unit has a qtz/hematite/carbonate fracture plane/shear zone at 78.55-78.65. Unit can be an alteration zone via fracture plane.""										
	<b>Alteration Min:</b>		<b>Type/Style/Intensity</b>	<b>Comment</b>							
	78.55	78.90	SA P WM								
	78.55	78.90	EP PCH WM								
99.75	112.05	<b>V2J</b>	<b>Andesite</b>								
	""Light to medium green, fine to medium grained, locally foliated/massive and mottled appearance. Unit has several enclaves of gabbro which are most likely small gabbroic dykelets cutting through the andesite unit accounting for approximately 35% of unit. Unit has patchy local epidote/sausseritization alteration, increasing in intensity with depth. Local up to 1cm phenocrysts of qtz/black amphibole. Unit is relatively highly fractured/blocky with carbonate along fracture planes. Unit has local trace pyrite as fine grained disseminations.""										
	<b>Alteration Maj:</b>		<b>Type/Style/Intensity</b>	<b>Comment</b>							
	99.75	112.05	SA P WM	increasing intensity with depth							

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Final Est</i> (SUL)
	99.75 - 112.05	EP PCH WM increasing intensity with depth									
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
	99.75 - 112.05	Py DIS 0.25									
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
	100.00 - 101.00	Fol 35		well developed foliation with local phenocrystic section							
	100.00 - 101.00	Frc 40		Highly fractured							
	101.50 - 101.80	Frc 40		Fractured zone with minor carbonate							
	104.70 - 105.00	Fol 40		foliated							
	104.70 - 105.00	Frc 40		Fractured zone with minor carbonate							
	108.00 - 110.00	Frc 10		""highly fractured at low angles to core axis, minor carbonate along fracture planes""							
	112.00 - 112.05	ct 25		""irregular lower contact at low angle to core axis, ""							
		<b>Minor Interval:</b>									
	101.40 - 102.45	I3A Chaotic texture/fabric gabbro dykelet.		<i>Gabbro</i>							
		<b>Alteration Min:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
	101.40 - 102.45	SA P WM									
		<b>Minor Interval:</b>									
	104.15 - 105.35	I3A Chaotic texture/fabric varitextured gabbro dykelet.		<i>Gabbro</i>							
		<b>Minor Interval:</b>									
	107.60 - 108.00	I3A Medium to coarse grained bleached gabbro		<i>Gabbro</i>							
		<b>Alteration Min:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
	107.60 - 108.00	BL P M									
112.05	179.45	I3A ""Similar unit to one above the intermediate volcanic. Light to medium grey, medium to local coarse		<i>Gabbro</i>							

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Est SUL</i>
<p>grained, non-magnetic, homogenous, primarily massive with local large sections (multi-metre size exhibiting slight vari-textured fabric). Unit is typically very competent (qtz bearing) with multiple areas of healed fractures/shear zones present. Rare minor local clasts of gabbroic/melanocratic composition appear to randomly appear within intrusion. Unit does appear to contain local lesser amounts of clear quartz. Nil to Trace local disseminations of fine grained pyrite/cpy. Unit does begin to have more enclaves/varitextured gabbroic fragments towards lower 'diffuse' contact.'''''</p>											
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
112.05 - 131.00		Sil P WM	''''gabbro as a whole is quite hard, qtz bearing, locally silicified''''								
131.00 - 134.00		BL P M	''''Moderate bleaching of feldspar due to heavily fractured core, multiple angles of fracture planes.'''''								
136.60 - 139.00		SA F WM									
136.60 - 139.00		EP F WM									
136.60 - 139.00		Carb F M									
139.00 - 179.45		SA P W									
139.00 - 179.45		BL PCH W									
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
112.05 - 179.45		NO MIN 0									
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
115.30 - 116.00		Frc 3	fracture plane approximately 3-5dca with minor carb infilling.								
126.00 - 128.00		Frc 25	two minor sets of fracture planes approx 25dca								
131.00 - 135.00		Frc 35	''''Rock is heavily fractured, both natural and man made at varying angles 15-50dca.'''''								
136.60 - 136.90		Shr vn 15	Healed shear zone with minor carb and fsp								
137.00 - 137.20		Shr vn 55	''''Healed vein with carbonate, dark grey talc and a beige amphibole. Minor breccia fragment''''								
138.00 - 138.50		Frc 3	Healed fracture plane with minor carb and fsp								
144.00 - 145.00		Frc 5	''''Low angle fracture plane, 3-5 dca''''								
156.00 - 156.60		Frc 5	''''Low angle fracture plane, 3-5 dca''''								

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)
	161.00 - 161.50	Frc 5									
	167.70 - 167.80	Shr vn 30									
	174.40 - 174.50	Shr vn 15									
	177.75 - 177.85	Shr vn 35									
	<b>Minor Interval:</b>										
	155.30	155.40	QV								
			Quartz Vein qtz vein with minor green amphibole								
179.45	200.90	<b>I3VT Varitextured Gabbro</b>	D15004	185.00	186.00	1.00	0.03	0.00	40	0.07	0.25
		""Fine to coarse grained, heterolithic gabbro/Varitextured Gabbro. Unit is massive with fairly start contrasting grain sizes/textures over short lengths (dm-m sized). Unit is variable in amphibole/feldspar/smoky qtz composition, varying from leucocratic to melanocratic over short lengths. Unit has local strong fracture fabric (both healed and open). Unit is non-magnetic and locally feldspars exhibit a sausseritized alteration. Local metre length sections of Po blebs and/or Cpy Blebs. (0.25-0.75%)""	D15005	186.00	187.00	1.00	0.03	0.01	40	0.01	0.25
			D15006	187.00	188.00	1.00	0.03	0.03	50	0.22	0.25
			D15007	188.00	189.00	1.00	0.04	0.01	40	0.08	0.75
			D15008	189.00	190.00	1.00	0.02	0.00	10	0.01	0.25
		<b>Alteration Maj:</b>	D15009	190.00	191.00	1.00	0.02	0.00	20	0.01	0.10
		<b>Type/Style/Intensity</b>	D15011	191.00	192.00	1.00	0.02	0.00	20	0.03	-
		179.45 - 184.00 Sil P WM	D15012	192.00	193.00	1.00	0.02	0.00	30	0.01	0.20
		184.00 - 200.90 EP PCH WM	D15013	193.00	194.00	1.00	0.01	0.00	30	0.01	0.20
		184.00 - 200.90 SA P M	D15014	194.00	195.00	1.00	0.02	0.02	20	0.06	0.50
		184.00 - 200.90 Sil P WM	D15016	195.00	196.00	1.00	0.02	0.01	30	0.01	0.50
		<b>Mineralization Maj. :</b>	D15017	196.00	197.00	1.00	0.02	0.01	30	0.05	0.75
		<b>Type/Style/%Mineral</b>	D15018	197.00	198.00	1.00	0.02	0.01	30	0.12	0.25
		179.45 - 185.00 NO MIN 0	D15019	198.00	199.00	1.00	0.02	0.01	50	0.06	0.20
		185.00 - 200.90 Po FG 0.15	D15020	199.00	200.00	1.00	0.02	0.01	40	0.10	-
		185.00 - 200.90 Cp FG 0.15	D15021	200.00	200.90	0.90	0.02	0.00	20	0.01	-
		185.00 - 200.90 Py FG 0.15	D15022	200.90	202.00	1.10	0.01	0.00	50	0.01	-
		<b>Structure Maj.:</b>	D15023	202.00	203.00	1.00	0.01	0.00	20	0.01	-
		<b>Type/Core Angle</b>									
200.90	207.00	<b>I3A Gabbro</b>									
		""As previously encountered, Light to medium grey, medium grained, non-magnetic, very homogenous. Unit is typically very competent (qtz bearing) with locally healed fracture planes (dark greyish smokey									

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Est SUL</i>
		qtz/feldspar). Nil sulphides""									
		<b>Alteration Maj:</b>									
		200.90 - 207.00									
		<b>Mineralization Maj. :</b>									
		200.90 - 207.00									
		<b>Structure Maj.:</b>									
		205.50 - 205.70									
		<b>Minor Interval:</b>									
		205.50      205.70									
		FLT <i>Fault</i>									
		""Dark grey to black fine grained material, fault zone 30dca.Greasy""									
207.00	207.60	<b>FLT      <i>Fault</i></b>									
		Dark grey to black fine grained material with greasy slickensides 45-55dca. Local fine clay gouge and brecciated clasts also present.Non mineralized.									
		<b>Mineralization Maj. :</b>									
		207.00 - 207.60									
		<b>Structure Maj.:</b>									
		207.00 - 207.60									
		Flt 50      ""45-55dca, fault gouge and healed breccia present""									
207.60	223.65	<b>I3HBX      <i>Heterolithic Gabbro Breccia</i></b>									
		""Heterolithic Gabbro Breccia, unit consists of matrix of homogenous to weakly varitextured medium grained gabbro with clasts of variable composition (leucocratic to melanocratic and further altered unknown compositions). Clasts are noted and differentiated by sharp contacts of varying degrees to core axis, variably grain size and clasts also exhibit variable alteration of sausseritization of feldspar and epidote. Unit has local areas of strong healed faults. Sulphide mineralization is nil in both matrix and clasts.""									
		<b>Alteration Maj:</b>									

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	207.60 - 223.65	EP PCH M									
	207.60 - 223.65	SA PCH WM									
	207.60 - 223.65	Sil P WM									
	<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>								
	207.60 - 223.65	NO MIN 0									
	<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>								
	212.50 - 213.30	Flt 30	Healed brecciated fault zone								
	<b>Minor Interval:</b>										
	212.50	213.30	FLT	<i>Fault</i>							
			""Healed Fault zone approx 30dca, highly silicified strong epidote alteration. Breccia clasts very enident""								
	<b>Alteration Min:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>								
	212.50 - 213.30	EP P MS	Hihgly altered healed fault zone								
223.65	243.20	<b>I3A Gabbro</b>									
		""Light to medium greenish grey, medium grained, homogenous, massive gabbro. Local rare clast and/or variable textured 'sweat'. Unit appears to be non-mineralized but does have local trace fine grained Cpy or Po and is non-magnetic. Local healed fracture planes/shear zones with grey smokey silica. Alteration increases with depth (Epidote/Sauss), large inclusion of intermediate volcanic andesite near lower contact.""									
	<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>								
	223.65 - 237.00	Sil P M									
	237.00 - 238.25	SA P WM									
	237.00 - 238.25	EP MO S									
	237.00 - 238.25	Sil P M									
	238.25 - 240.00	Sil P WM									
	240.00 - 243.20	SA P WM									



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	240.00 - 243.20	EP MO M									
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
	223.65 - 243.20	Po FG 0.1		Nil to trace local fine grained disseminated							
	223.65 - 243.20	Cp FG 0.1		Nil to trace local fine grained disseminated							
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
	236.00 - 236.25	Flt 50		Black soft gouge present as long as healed brecciated fragments.							
	237.00 - 238.25	Frc 20		Fractured at low angles to c/a							
	237.00 - 238.25	B 0		Healed brecciated core with significant epidote/sausseritization.							
	240.75 - 241.35	Flt 25		""Fault zone with dark grey to black talc like fault gouge, greasy slicken sides""							
	241.85 - 241.95	SZ Ct 35		Lower contact of intermediate volcanics is sheared approx 35dca							
	243.15 - 243.20	SZ Ct 45		Lower contact of main lithological unit is very sharp and is represented as 45 dca.							
		<b>Minor Interval:</b>									
	236.00	236.35	FLT	<i>Fault</i>							
				""Dark grey to black fault gouge with healed breccia, Approx 50-55dca""							
		<b>Minor Interval:</b>									
	237.00	238.25	V2J	<i>Andesite</i>							
				Unit may possibly represent strongly altered/silicified intermediate volcanics? Mottled epidote alteration. Minor carbonate along fracture planes.							
		<b>Minor Interval:</b>									
	240.75	241.35	FLT	<i>Fault</i>							
				""Dark grey to black fault gouge with greasy talc like slickensides, Approx 25dca""							

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-002**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)
<b>Minor Interval:</b>											
241.35	241.95	V2J <i>Andesite</i> ""Light to medium grey, very fine grained, weakly foliated-massive intermediate volcanics. Unit is fairly silicified.""									
243.20	263.75	<b>V2J</b> <i>Andesite</i> ""Light to medium grey, ultra fine grained/aphanitic increasing to fine grained with depth, massive with local weak foliation present. Unit is non-magnetic and fairly hard/competent/silicified. Matrix is composed of 50% very fine grained, glassy/ acicular like felsphars within greyish amphibole Nil Sulphides. Unit has 10% fine to medium grained phenocrysts/xstals of plagioclase that appear to have a light yellowish/green color-either epidote or sausseritization of plag. Local low angle qtz/carb infilled veining. Nil sulphides.""	D15024	262.00	263.00	1.00	0.02	0.01	60	0.11	-
			D15025	263.00	263.75	0.75	0.01	0.01	40	0.09	-
<b>Alteration Maj:</b> <i>Type/Style/Intensity</i> <i>Comment</i>											
243.20 - 263.75      EP P W											
243.20 - 263.75      SA P W											
<b>Mineralization Maj. :</b> <i>Type/Style/%Mineral</i> <i>Comment</i>											
243.20 - 263.75      NO MIN      0											
<b>Structure Maj.:</b> <i>Type/Core Angle</i> <i>Comment</i>											
245.00 - 245.50      Frc 5      Low angle fracture planes to core axis											
248.00 - 248.50      Frc 5      Low angle fracture planes to core axis											
250.80 - 251.00      Frc 10      Low angle fracture planes to core axis											

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-002**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Est (SUL)</i>
263.75	271.00	<b>I4B Pyroxenite</b>	D15026	263.75	264.45	0.70	0.13	0.18	130	1.53	5.00
		""Medium to dark greyish green, medium to very coarse grained, massive, soft to medium pyroxenite with approximately 40% intermixed varitextured gabbro. Unit is soft to very soft and show signs of talc alteration. Sulphide mineralization is stronger at upper contact (net-textured/po vein) and morph into medium to coarse blebs of Po and Cpy. Local niton along blebs return values of 0.22 to 2.9% Ni, indicating the presence of pentlandite is present but, not visible to naked eye.*Lost ~15cm of core between 265 and 266m along a heavily fractured area.""	D15027	264.45	264.90	0.45	0.01	0.00	30	0.03	-
			LOST CORE	264.90	265.05	0.15	-	-	-	-	-
			D15028	265.05	266.00	0.95	0.05	0.02	60	0.16	1.00
			D15029	266.00	267.00	1.00	0.05	0.01	50	0.24	0.25
		<b>Alteration Maj:</b>	D15031	267.00	268.00	1.00	0.04	0.00	70	0.02	-
		<b>Type/Style/Intensity</b>	D15032	268.00	269.00	1.00	0.03	0.00	60	0.06	-
		263.75 - 271.00 SA PCH WM	D15033	269.00	270.00	1.00	0.04	0.00	70	0.01	-
		263.75 - 271.00 TLC P M	D15034	270.00	271.00	1.00	0.04	0.00	60	0.05	0.25
		<b>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>									
		263.75 - 264.00 Cp BL 0.25									
		263.75 - 264.00 Po BL 0.25									
		264.00 - 264.25 Cp BL 5									
		264.00 - 264.25 Po VN 20									
		264.25 - 266.00 Cp BL 2									
		264.25 - 266.00 Po BL 4									
		266.00 - 271.00 Cp BL 0.25									
		266.00 - 271.00 Po BL 0.25									
		<b>Structure Maj.:</b>									
		<b>Type/Core Angle</b>									
		265.70 - 265.90 Frc 5									
		270.60 - 271.00 Flt 25									
		<b>Minor Interval:</b>									
		264.45 264.90	DYK								
			<i>Dyke</i>								
			""Sharp contact, approximatley 30dca, felsic dyke, white/grey highly silicified.""								

## LITHOLOGY REPORT - Detailed -

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Project Number: **1**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Final Ni (PCT)	Final Cu (PCT)	Final Co (PPM)	Final S (PCT)	Final Est (SUL)		
		<b>Minor Interval:</b>											
	264.90	270.60	I3VT	<i>Varitextured Gabbro</i>									
		""40% intermixed varitextured gabbro. Locally contain sulphides, large metre sized sections are void of sulphides.""											
		<b>Minor Interval:</b>											
	270.60	271.00	FLT	<i>Fault</i>									
		""Fault zone approx 25dca, dark grey gouge with slicken sides""											
271.00	275.50	<b>I3VT</b>	<b><i>Varitextured Gabbro</i></b>		D15036	271.00	272.00	1.00	0.04	0.01	50	0.02	-
		""Highly variable color (light green to dark green), fine to very coarse grained with local feldspar 'sweats'. Feldspars and amphibole appear euhedral to subhedral, almost perfect growth. Contacts of variable textures are somewhat diffuse and very irregular. Sulphide mineralization increases with depth 275-275.5 is approx 10-15% Po/Cpy as coarse blebs and local Po veins.""											
					D15037	272.00	273.00	1.00	0.03	0.00	40	0.04	0.25
					D15038	273.00	274.00	1.00	0.02	0.01	40	0.06	0.25
					D15039	274.00	275.00	1.00	0.03	0.00	60	0.05	2.00
					D15040	275.00	275.50	0.50	0.08	0.15	60	0.75	1.00
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>									
			SA PCH WM										
			271.00 - 275.50										
			TLC P M										
			271.00 - 275.50										
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>									
			Cp BL 0.15										
			271.00 - 274.00										
			Po BL 0.15										
			271.00 - 274.00										
			Cp BL 0.75										
			274.00 - 275.00										
			Po BL 0.75										
			274.00 - 275.00										
			Cp BL 5										
			275.00 - 275.50										
			Po BL 8										
			275.00 - 275.50										
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>									
			Flt 55	Faulted lower contact									
			275.30 - 275.50										
		<b>Minor Interval:</b>											
	271.15	271.45	V2J	<i>Andesite</i>									
		""Medium to dark grey intermediate volcanics, upper and lower contacts approximately 30dca""											

## LITHOLOGY REPORT

### - Detailed -

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Project Number: **1**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Est (SUL)</i>
		<b>Mineralization Min:</b> 271.15 - 271.45									
		<b>Type/Style/%Mineral</b> NO MIN 0									
		<b>Comment</b>									
275.50	275.85	<b>FLT</b> <b>Fault</b> ""Highly foliated ~55dca, Fault/shear zone with dark grey to black greasy slickensides. Rock fairly fractured up along foliation planes""	D15041	275.50	275.85	0.35	0.09	0.08	90	0.50	-
		<b>Structure Maj.:</b> 275.50 - 275.80									
		<b>Type/Core Angle</b> Flt 55									
		<b>Comment</b>									
275.85	281.00	<b>V2J</b> <b>Andesite</b> ""As above, Light to medium grey, ultra fine grained/aphanitic, massive with local weak foliation present. Unit is non-magnetic and fairly hard/competent/silicified. Grain size appears to decrease with depth. Matrix is composed of 50% very fine grained, glassy/ acicular like felsphars within greyish amphibole Nil Sulphides. Unit has 5-10% fine to medium grained phenocrysts/xstals of plagioclase that appear to have a light yellowish/green color-either epidote or sausseritization of plag. Local low angle qtz/carb infilled veining. Nil to trace pyrite for sulphides, generally along fracture planes. Lower contact very sharp at 25dca.""	D15042 D15043	275.85 277.00	277.00 278.00	1.15 1.00	0.01 0.01	0.01 0.01	30 30	0.17 0.13	- -
		<b>Alteration Maj:</b> 278.85 - 281.00									
		<b>Type/Style/Intensity</b> SA P W									
		<b>Mineralization Maj. :</b> 275.85 - 281.00									
		<b>Type/Style/%Mineral</b> NO MIN 0									
		<b>Structure Maj.:</b> 280.90 - 281.00									
		<b>Type/Core Angle</b> ct 25									
		<b>Comment</b> Lower contact sharp at 25dca									

## LITHOLOGY REPORT - Detailed -

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 Project Number: **1**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Est (SUL)</i>
281.00	285.00	<b>I2J Diorite</b>	D15044	283.00	284.00	1.00	0.03	0.01	40	0.05	-
		""Medium green to dark green, medium grained with subhedral to euhedral crystals. Unit is massive, relatively homogenous in appearance and non-magnetic. Unit is 50-60% fsp and 40-50% Mafic mineral. Grain size decreases to fine grained with depth. Nil Sulphides""	D15045	284.00	285.00	1.00	0.03	0.01	50	0.10	-
		<b>Alteration Maj:</b>									
		<i>Type/Style/Intensity</i>									
		281.00 - 285.00									
		<b>Mineralization Maj. :</b>									
		<i>Type/Style/%Mineral</i>									
		281.00 - 285.00									
		<b>Minor Interval:</b>									
		284.20									
		284.50									
		DYK									
		<i>Dyke</i>									
		""Very fine grained aphanitic? Medium to dark grey, massive, almost looks like a siltstone. Unit is weakly magnetic but appears to be fracture controlled. Upper and lower contact sharp at 50dca""									
		<b>Mineralization Min:</b>									
		<i>Type/Style/%Mineral</i>									
		284.20 - 284.50									
		<b>Structure Min.:</b>									
		<i>Type/Core Angle</i>									
		284.20 - 284.50									
		ct 50									
		Upper and lower contacts									
285.00	291.25	<b>I3VT Varitextured Gabbro</b>	D15046	285.00	286.00	1.00	0.04	0.00	50	0.03	-
		""Unit is medium to dark green with medium to coarse grain size (locally very coarse amidst 'sweats'). Unit is massive, Locally unit appears very melanocratic, almost pyroxenitic. Coarse grained sweats seem to increase in occurrence with depth. Mineralization occurring as medium to coarse blebs occurring from roughly 287m-291.25m""	D15047	286.00	287.00	1.00	0.05	0.01	60	0.09	-
			D15048	287.00	288.00	1.00	0.04	0.01	50	0.04	0.25
			D15049	288.00	289.00	1.00	0.04	0.01	50	0.11	1.00
		<b>Alteration Maj:</b>									
		<i>Type/Style/Intensity</i>									
		285.00 - 291.25									
		285.00 - 291.25									
		TLC P WM									
		<b>Mineralization Maj. :</b>									
		<i>Type/Style/%Mineral</i>									
		285.00 - 288.00									
		NO MIN 0									

**LITHOLOGY REPORT  
- Detailed -**

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Project Number: **1**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Final Est (SUL)</i>
	288.00 - 289.00	Cp BL 1									
	288.00 - 289.00	Po BL 2									
	289.00 - 291.25	Cp BL 1.5									
	289.00 - 291.25	Po BL 3.5									
	<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>								
	290.70 - 290.80	Ftg 45	dark grey fault gouge.								
	291.20 - 291.25	ct 65	very sharp								
291.25	296.00	<b>I2P Interm. Porphyry</b>		D15053	291.25	291.50	0.25	0.03	0.17	80	0.98 5.00
		""This unit may in fact be a phenocrystic intermediate volcanic (andesite?) Light to medium grey, fine grained dark grey matrix with medium to coarse grained white feldspar phenocrysts. Percentage of phenocrysts decrease with depth, approximately 75% and foliated (~60dca) at upper contact and gradually drop down to 15% at lower contact. Possible unit is overturned? Unit has a 1cm thick (maybe thicker as there is some core grinding) Po rich with trace Cpy band right along the upper contact, this is very conductive.""		D15054	291.50	292.00	0.50	0.01	0.00	10	0.02 -
				D15056	292.00	293.00	1.00	0.01	0.01	20	0.01 -
				D15057	293.00	294.00	1.00	0.01	0.00	10	0.01 -
	<b>Alteration Maj.:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>								
	291.25 - 296.00	Sil P WM									
	<b>Mineralization Maj.:</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>								
	291.25 - 291.26	Cp Mass 5	5% Cpy within Po band.								
	291.25 - 291.26	Po Mass 95	Po Band at contact-highly conductive								
	<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>								
	291.25 - 291.30	ct 65	sharp								
	291.30 - 292.00	Fol 60	well defined								

## LITHOLOGY REPORT

### - Detailed -

Hole Number: **LN25-20-002**

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<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Final Est (SUL)</i>
296.00	381.00	<b>V2J Andesite</b>	D15058	308.00	309.00	1.00	0.01	0.00	10	0.01	-
		"" Light to medium grey, ultra fine grained/aphanitic matrix, massive with local weak foliation present. Unit is non-magnetic and fairly hard/competent/silicified. Unit has diffuse, conformable intervals of 10% fine to medium grained phenocrysts/lapillis of either feldspa/qtz with feldspar appearing to have a light yellowish/green color-either epidote or sausseritization of plag, also local intervals with lapilli's of black amphibole oblong material noted, generally indicating a layering by the oblongness. Local intervals of formational/fragmental brecciated fragmentals also occur(boundaries/contacts are diffuse). Local rare cpy fine grained blebs but, in general nil sulphides. 303-306m Core run was redrilled and approximately 0.3m was lost/ground. Unit becomes very fine grained, homogenous and massive from approx 346 down.""	D15059	309.00	310.00	1.00	0.01	0.01	10	0.01	0.25
			D15060	310.00	311.00	1.00	0.01	0.02	20	0.02	0.50
			D15061	311.00	312.00	1.00	0.01	0.01	10	0.01	-
			D15062	312.00	313.00	1.00	0.01	0.00	20	0.01	-
			D15063	327.00	328.00	1.00	0.01	0.00	10	0.01	-
			D15064	328.00	329.00	1.00	0.01	0.01	10	0.01	0.30
			D15065	329.00	330.00	1.00	0.01	0.00	10	0.01	-
			D15066	376.00	377.00	1.00	0.01	0.00	30	0.01	-
			D15067	377.00	378.00	1.00	0.01	0.00	10	0.01	0.20
			D15068	378.00	379.00	1.00	0.01	0.00	20	0.01	0.20
			D15069	379.00	380.00	1.00	0.01	0.00	10	0.01	0.20
			D15071	380.00	381.00	1.00	0.01	0.01	10	0.01	0.25
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
		296.00 - 381.00	SA P WM								
		296.00 - 381.00	Sil P WM								
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
		296.00 - 309.00	NO MIN 0								
		309.00 - 311.00	Cp BL 0.25	""fine grained cpy blebs, highly reflective/shiney.""							
		311.00 - 328.00	NO MIN 0								
		328.00 - 329.00	Py pydis/vn 0.15	fine grained shiney blebs within qtz vein							
		328.00 - 329.00	Cp pydis/vn 0.15	fine grained shiney blebs within qtz vein							
		329.00 - 378.00	NO MIN 0								
		378.00 - 381.00	Py FG 0.1	0.1% Py fine grained diss within matrix and dark lapilli/amydaloidal frags							
		378.00 - 381.00	Cp FG 0.1	0.1% Cpy fine grained diss within matrix and dark lapilli/amydaloidal frags							
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
		297.50 - 298.00	Frc 30	low angle.							
		307.80 - 308.00	Shr vn 40	""healed with black amphibole, noted contact between ultra fine grained and coarse lapilli/phenocrystic.""							
		315.50 - 316.00	Frc 3	low angle fracture plane.							
		321.00 - 321.50	IgnLyr 70	""Oblong lapilli's aligned 70dca, indicating possible original layering angle""							
		327.00 - 327.50	Fol 50	weak foliation							



# LITHOLOGY REPORT

## - Detailed -

 Hole Number: **LN25-20-002**

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final</i> <i>Ni</i> (PCT)	<i>Final</i> <i>Cu</i> (PCT)	<i>Final</i> <i>Co</i> (PPM)	<i>Final</i> <i>S</i> (PCT)	<i>Est</i> <i>Est</i> (SUL)
	332.40 - 332.45	ct 50				upper contact of ultra fine grained sub unit-mudstone like?					
	333.15 - 333.20	ct 40				Lower contact of ultra fine grained mudstone like unit.					
	339.70 - 340.45	Flt 35				Multiple planes of faulting/shearing with dark grey greasy slicken sides. Carbonate veining present					
	342.00 - 346.00	Frc 5				Multiple episodes of low angle fracture to core axis. Rock is broken up due to driller having problems getting out of tube.					
	347.00 - 348.00	Frc 35				""Unit is heavily fractured, may had a small shear zone approx 35 dac.""					
	351.00 - 354.30	Frc 5				""Low angle fracture planes to core axis, core heavily broken up by helper trying to retrieve from core tube.""					
	354.30 - 354.50	Ftb 55				Healed fault breccia with carbonate and hematite. Healed fault is non-conductive and non-magnetic					
	362.45 - 362.55	Vn 50				""Feldspar and qtz with Epidote vein-coarse grain. Non conductive, non-magnetic""					
	366.60 - 366.70	Vn 35				""Feldspar, qtz and green amphibole, coarse grained. Non conductive, non-magnetic""					
	373.40 - 373.50	Vn 30				Coarse qtz and Carbonate					
	375.05 - 375.50	Vn 5				""Qtz and amphibole vein, low angle to core axis.""					
<b>Minor Interval:</b>											
	301.00 - 304.00	T2BL				<i>Andesitic lapilli tuff</i> ""medium grained, anhedral Black amphibole lapilli/frags up to 1cm diameter?""					
<b>Minor Interval:</b>											
	306.00 - 308.00	T2BL				<i>Andesitic lapilli tuff</i> Random occurrences of lapilli tuff occurring with abundance of fsp/Qtz lapilli/ sub to anhedral frags.					
<b>Minor Interval:</b>											
	309.80 - 310.20	T2BL				<i>Andesitic lapilli tuff</i> Healed fragmental/formational breccia					

## LITHOLOGY REPORT - Detailed -

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 Project Number: **1**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Final Est (SUL)</i>
<b>Minor Interval:</b>											
311.50	314.00	T2BL <i>Andesitic lapilli tuff</i> ""As above, Random occurrences of lapilli tuff occurring with abundance of fsp/qtz lapilli/ sub to anhedral frags.""									
<b>Minor Interval:</b>											
314.00	316.00	T2BL <i>Andesitic lapilli tuff</i> Healed fragmental/formational breccia									
<b>Minor Interval:</b>											
316.00	317.00	T2BL <i>Andesitic lapilli tuff</i> ""As above, Random occurrences of lapilli tuff occurring with abundance of fsp/qtz lapilli/ sub to anhedral frags.""									
<b>Minor Interval:</b>											
317.00	323.00	T2BL <i>Andesitic lapilli tuff</i> ""As above, Random occurrences of lapilli tuff occurring with abundance of BLACK amphibole lapilli/ sub to anhedral frags.""									
<b>Minor Interval:</b>											
325.00	327.00	T2BL <i>Andesitic lapilli tuff</i> Random occurrences of lapilli tuff occurring with abundance of fsp/qtz lapilli/ sub to anhedral frags.									
<b>Minor Interval:</b>											
331.00	332.00	T2BL <i>Andesitic lapilli tuff</i> Healed andesitic volcanic fragmental/formational breccia									
<b>Minor Interval:</b>											
332.00	332.45	T2BL <i>Andesitic lapilli tuff</i> ""Healed breccia with large enough fragments, they almost appear like pillow/pillow selvages. Dark grey lapilli bearing fragments within a fine grained light grey matrix""									
<b>Minor Interval:</b>											
332.45	333.15	DYK <i>Dyke</i> ""Medium grey, aphanitic massive mafic dyke, very competent/hard, almost like diabase?, unit is non-magnetic but, very sharp contacts. Upper contact approx 50dca, Lower contact approx 35dca.""									

**LITHOLOGY REPORT  
- Detailed -**

Hole Number: **LN25-20-002**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Final Ni (PCT)</i>	<i>Final Cu (PCT)</i>	<i>Final Co (PPM)</i>	<i>Final S (PCT)</i>	<i>Est (SUL)</i>
<b>Minor Interval:</b>											
339.30	340.45	FLT <i>Fault</i> Faulted with dark grey greasy slicken sides. Unit has carbonate veining. Upper and lower contact 35dca.									
<b>Minor Interval:</b>											
354.30	354.50	FLT <i>Fault</i> ""Healed fault breccia, UC 55dca, LC 70dca. Strong carb and hematite veining. Non conductive. Non magnetic""									
<b>Alteration Min:</b>		<b>Type/Style/Intensity</b>	<b>Comment</b>								
354.30 - 354.50		HE VN M									
354.30 - 354.50		Carb VN S									
<b>Minor Interval:</b>											
365.75	366.00	T2BL <i>Andesitic lapilli tuff</i> ""Healed breccia with large enough fragments, they almost appear like pillow/pillow selvages. Dark grey lapilli bearing fragments within a fine grained light grey matrix""									

**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 1 of 1)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)	<i>Ni</i> (100)	<i>Ag</i> (ppm)	<i>Au</i> (ppm)	<i>Au</i> (ppb)	<i>Pd</i> (ppm)	<i>Pd</i> (ppb)	<i>Pt</i> (ppm)	<i>Pt</i> (ppb)	<i>Pulp</i> (SG)	<i>Sgrav</i> (CORE)	<i>Rock ogolithm</i> (CODE)	<i>Pb</i> (%)	<i>Zn</i> (%)	
185.00	186.00	1.00	D15004	ALS Chemex	SD20047101	17-Mar-20	0.03	0.00	40	0.07	0.25	-	-	0.001	-	0.026	-	0.019	-	-	-	-	NE	0.01	0.00
186.00	187.00	1.00	D15005	ALS Chemex	SD20047101	17-Mar-20	0.03	0.01	40	0.01	0.25	-	-	0.001	-	0.011	-	0.006	-	-	-	-	NE	0.01	0.01
187.00	188.00	1.00	D15006	ALS Chemex	SD20047101	17-Mar-20	0.03	0.03	50	0.22	0.25	-	-	0.003	-	0.006	-	0.011	-	-	-	-	NE	0.01	0.00
188.00	189.00	1.00	D15007	ALS Chemex	SD20047101	17-Mar-20	0.04	0.01	40	0.08	0.75	-	-	0.001	-	0.018	-	0.019	-	-	-	-	NE	0.01	0.01
189.00	190.00	1.00	D15008	ALS Chemex	SD20047101	17-Mar-20	0.02	0.00	10	0.01	0.25	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.00
190.00	191.00	1.00	D15009	ALS Chemex	SD20047101	17-Mar-20	0.02	0.00	20	0.01	0.10	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
191.00	192.00	1.00	D15011	ALS Chemex	SD20047101	17-Mar-20	0.02	0.00	20	0.03	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
192.00	193.00	1.00	D15012	ALS Chemex	SD20047101	17-Mar-20	0.02	0.00	30	0.01	0.20	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
193.00	194.00	1.00	D15013	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	30	0.01	0.20	-	-	0.001	-	0.001	-	0.005	-	-	-	-	NE	0.01	0.00
194.00	195.00	1.00	D15014	ALS Chemex	SD20047101	17-Mar-20	0.02	0.02	20	0.06	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
195.00	196.00	1.00	D15016	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	30	0.01	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
196.00	197.00	1.00	D15017	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	30	0.05	0.75	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
197.00	198.00	1.00	D15018	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	30	0.12	0.25	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.00
198.00	199.00	1.00	D15019	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	50	0.06	0.20	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.01
199.00	200.00	1.00	D15020	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	40	0.10	-	-	-	0.001	-	0.004	-	0.003	-	-	-	-	NE	0.01	0.00
200.00	200.90	0.90	D15021	ALS Chemex	SD20047101	17-Mar-20	0.02	0.00	20	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
200.90	202.00	1.10	D15022	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	50	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
202.00	203.00	1.00	D15023	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	20	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
262.00	263.00	1.00	D15024	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	60	0.11	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
263.00	263.75	0.75	D15025	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	40	0.09	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
263.75	264.45	0.70	D15026	ALS Chemex	SD20047101	17-Mar-20	0.13	0.18	130	1.53	12.00	-	-	0.009	-	0.229	-	0.041	-	-	-	-	NE	0.01	0.01
264.45	264.90	0.45	D15027	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	30	0.03	-	-	-	0.004	-	0.010	-	0.003	-	-	-	-	NE	0.01	0.00
264.90	265.05	0.15	LOST CORE			02-Jan-00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NE	-	-
265.05	266.00	0.95	D15028	ALS Chemex	SD20047101	17-Mar-20	0.05	0.02	60	0.16	6.00	-	-	0.001	-	0.052	-	0.011	-	-	-	-	NE	0.01	0.01
266.00	267.00	1.00	D15029	ALS Chemex	SD20047101	17-Mar-20	0.05	0.01	50	0.24	0.25	-	-	0.001	-	0.057	-	0.008	-	-	-	-	NE	0.01	0.01
267.00	268.00	1.00	D15031	ALS Chemex	SD20047101	17-Mar-20	0.04	0.00	70	0.02	-	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.01
268.00	269.00	1.00	D15032	ALS Chemex	SD20047101	17-Mar-20	0.03	0.00	60	0.06	-	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.00
269.00	270.00	1.00	D15033	ALS Chemex	SD20047101	17-Mar-20	0.04	0.00	70	0.01	-	-	-	0.001	-	0.004	-	0.003	-	-	-	-	NE	0.01	0.01
270.00	271.00	1.00	D15034	ALS Chemex	SD20047101	17-Mar-20	0.04	0.00	60	0.05	0.25	-	-	0.001	-	0.004	-	0.003	-	-	-	-	NE	0.01	0.01
271.00	272.00	1.00	D15036	ALS Chemex	SD20047101	17-Mar-20	0.04	0.01	50	0.02	-	-	-	0.001	-	0.005	-	0.003	-	-	-	-	NE	0.01	0.01

**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 1 of 1)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)	<i>Ni</i> (100)	<i>Ag</i> (ppm)	<i>Au</i> (ppm)	<i>Au</i> (ppb)	<i>Pd</i> (ppm)	<i>Pd</i> (ppb)	<i>Pt</i> (ppm)	<i>Pt</i> (ppb)	<i>Pulp</i> (SG)	<i>Sgrav</i> (CORE)	<i>Rock og</i> (CODE)	<i>glithm</i>	<i>Pb</i> (%)	<i>Zn</i> (%)
272.00	273.00	1.00	D15037	ALS Chemex	SD20047101	17-Mar-20	0.03	0.00	40	0.04	0.25	-	-	0.001	-	0.006	-	0.003	-	-	-	-	NE	0.01	0.01
273.00	274.00	1.00	D15038	ALS Chemex	SD20047101	17-Mar-20	0.02	0.01	40	0.06	0.25	-	-	0.001	-	0.005	-	0.003	-	-	-	-	NE	0.01	0.01
274.00	275.00	1.00	D15039	ALS Chemex	SD20047101	17-Mar-20	0.03	0.00	60	0.05	2.00	-	-	0.001	-	0.016	-	0.006	-	-	-	-	NE	0.01	0.01
275.00	275.50	0.50	D15040	ALS Chemex	SD20047101	17-Mar-20	0.08	0.15	60	0.75	13.00	-	-	0.011	-	0.130	-	0.018	-	-	-	-	NE	0.01	0.01
275.50	275.85	0.35	D15041	ALS Chemex	SD20047101	17-Mar-20	0.09	0.08	90	0.50	-	-	-	0.008	-	0.225	-	0.043	-	-	-	-	NE	0.01	0.01
275.85	277.00	1.15	D15042	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	30	0.17	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
277.00	278.00	1.00	D15043	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	30	0.13	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
283.00	284.00	1.00	D15044	ALS Chemex	SD20047101	17-Mar-20	0.03	0.01	40	0.05	-	-	-	0.001	-	0.007	-	0.003	-	-	-	-	NE	0.01	0.01
284.00	285.00	1.00	D15045	ALS Chemex	SD20047101	17-Mar-20	0.03	0.01	50	0.10	-	-	-	0.001	-	0.012	-	0.003	-	-	-	-	NE	0.01	0.01
285.00	286.00	1.00	D15046	ALS Chemex	SD20047101	17-Mar-20	0.04	0.00	50	0.03	-	-	-	0.001	-	0.005	-	0.003	-	-	-	-	NE	0.01	0.01
286.00	287.00	1.00	D15047	ALS Chemex	SD20047101	17-Mar-20	0.05	0.01	60	0.09	-	-	-	0.001	-	0.010	-	0.003	-	-	-	-	NE	0.01	0.01
287.00	288.00	1.00	D15048	ALS Chemex	SD20047101	17-Mar-20	0.04	0.01	50	0.04	0.25	-	-	0.001	-	0.007	-	0.005	-	-	-	-	NE	0.01	0.01
288.00	289.00	1.00	D15049	ALS Chemex	SD20047101	17-Mar-20	0.04	0.01	50	0.11	3.00	-	-	0.001	-	0.008	-	0.003	-	-	-	-	NE	0.01	0.01
289.00	290.00	1.00	D15051	ALS Chemex	SD20047101	17-Mar-20	0.07	0.02	60	0.20	5.00	-	-	0.002	-	0.069	-	0.018	-	-	-	-	NE	0.01	0.01
290.00	291.25	1.25	D15052	ALS Chemex	SD20047101	17-Mar-20	0.06	0.02	50	0.10	4.00	-	-	0.001	-	0.009	-	0.003	-	-	-	-	NE	0.01	0.01
291.25	291.50	0.25	D15053	ALS Chemex	SD20047101	17-Mar-20	0.03	0.17	80	0.98	5.00	-	-	0.012	-	0.011	-	0.009	-	-	-	-	NE	0.01	0.00
291.50	292.00	0.50	D15054	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.02	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
292.00	293.00	1.00	D15056	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	20	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
293.00	294.00	1.00	D15057	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
308.00	309.00	1.00	D15058	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
309.00	310.00	1.00	D15059	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	10	0.01	0.25	-	-	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
310.00	311.00	1.00	D15060	ALS Chemex	SD20047101	17-Mar-20	0.01	0.02	20	0.02	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
311.00	312.00	1.00	D15061	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	10	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
312.00	313.00	1.00	D15062	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	20	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
327.00	328.00	1.00	D15063	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
328.00	329.00	1.00	D15064	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	10	0.01	0.30	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.00
329.00	330.00	1.00	D15065	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
376.00	377.00	1.00	D15066	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	30	0.01	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
377.00	378.00	1.00	D15067	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	0.20	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
378.00	379.00	1.00	D15068	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	20	0.01	0.20	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01

**FULL ANALYTICAL REPORT**
**- Assay -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 1 of 1)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Final Ni</i> (PCT)	<i>Final Cu</i> (PCT)	<i>Final Co</i> (PPM)	<i>Final S</i> (PCT)	<i>Est</i> (SUL)	<i>Ni</i> (100)	<i>Ag</i> (ppm)	<i>Au</i> (ppm)	<i>Au</i> (ppb)	<i>Pd</i> (ppm)	<i>Pd</i> (ppb)	<i>Pt</i> (ppm)	<i>Pt</i> (ppb)	<i>Pulp</i> (SG)	<i>Sgrav</i> (CORE)	<i>Rock og lithm</i> (CODE)	<i>Pb</i> (%)	<i>Zn</i> (%)	
379.00	380.00	1.00	D15069	ALS Chemex	SD20047101	17-Mar-20	0.01	0.00	10	0.01	0.20	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
380.00	381.00	1.00	D15071	ALS Chemex	SD20047101	17-Mar-20	0.01	0.01	10	0.01	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01

**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 2 of 1)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Cu</i> (ppm)	<i>Ni</i> (ppm)	<i>Cu</i> 'OG_PCTOG_PCTICP_PCTDG1_PCTDG2_PC'	<i>Ni</i>	<i>S</i>	<i>S</i>	<i>S</i>
185.00	186.00	1.00	D15004	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
186.00	187.00	1.00	D15005	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
187.00	188.00	1.00	D15006	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
188.00	189.00	1.00	D15007	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
189.00	190.00	1.00	D15008	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
190.00	191.00	1.00	D15009	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
191.00	192.00	1.00	D15011	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
192.00	193.00	1.00	D15012	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
193.00	194.00	1.00	D15013	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
194.00	195.00	1.00	D15014	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
195.00	196.00	1.00	D15016	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
196.00	197.00	1.00	D15017	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
197.00	198.00	1.00	D15018	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
198.00	199.00	1.00	D15019	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
199.00	200.00	1.00	D15020	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
200.00	200.90	0.90	D15021	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
200.90	202.00	1.10	D15022	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
202.00	203.00	1.00	D15023	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
262.00	263.00	1.00	D15024	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
263.00	263.75	0.75	D15025	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
263.75	264.45	0.70	D15026	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
264.45	264.90	0.45	D15027	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
264.90	265.05	0.15	LOST CORE			02-Jan-00	-	-	-	-	-	-	-
265.05	266.00	0.95	D15028	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
266.00	267.00	1.00	D15029	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
267.00	268.00	1.00	D15031	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
268.00	269.00	1.00	D15032	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
269.00	270.00	1.00	D15033	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
270.00	271.00	1.00	D15034	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 2 of 1)**

<i>From</i>	<i>To</i>	<i>Length</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Cu</i>	<i>Ni</i>	<i>Cu</i>	<i>Ni</i>	<i>S</i>	<i>S</i>	<i>S</i>
<i>(m)</i>	<i>(m)</i>	<i>(m)</i>					<i>(ppm)</i>	<i>(ppm)</i>	<i>OG_PCTOG_PCTICP_PCTDG1_PCTDG2_PC</i>				
271.00	272.00	1.00	D15036	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
272.00	273.00	1.00	D15037	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
273.00	274.00	1.00	D15038	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
274.00	275.00	1.00	D15039	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
275.00	275.50	0.50	D15040	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
275.50	275.85	0.35	D15041	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
275.85	277.00	1.15	D15042	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
277.00	278.00	1.00	D15043	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
283.00	284.00	1.00	D15044	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
284.00	285.00	1.00	D15045	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
285.00	286.00	1.00	D15046	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
286.00	287.00	1.00	D15047	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
287.00	288.00	1.00	D15048	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
288.00	289.00	1.00	D15049	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
289.00	290.00	1.00	D15051	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
290.00	291.25	1.25	D15052	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
291.25	291.50	0.25	D15053	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
291.50	292.00	0.50	D15054	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
292.00	293.00	1.00	D15056	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
293.00	294.00	1.00	D15057	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
308.00	309.00	1.00	D15058	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
309.00	310.00	1.00	D15059	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
310.00	311.00	1.00	D15060	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
311.00	312.00	1.00	D15061	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
312.00	313.00	1.00	D15062	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
327.00	328.00	1.00	D15063	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
328.00	329.00	1.00	D15064	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
329.00	330.00	1.00	D15065	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
376.00	377.00	1.00	D15066	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
377.00	378.00	1.00	D15067	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-



**FULL ANALYTICAL REPORT**  
**- Assay -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Assay Report (part 2 of 1)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Cu</i> (ppm)	<i>Ni</i> (ppm)	<i>Cu</i> 'OG_PCTOG_PCTICP_PCTDG1_PCTDG2_PC	<i>Ni</i>	<i>S</i>	<i>S</i>	<i>S</i>
378.00	379.00	1.00	D15068	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
379.00	380.00	1.00	D15069	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-
380.00	381.00	1.00	D15071	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 1 of 3)**

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Cr (ppm)	Fe (%)	Fe PCTOG1	Fe PCTOG2	Fe PCT_FIN	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Li (ppm)	Mg (%)
185.00	186.00	1.00	D15004	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	411	-	-	-	-	-	-	-	-	-	-
186.00	187.00	1.00	D15005	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	479	-	-	-	-	-	-	-	-	-	-
187.00	188.00	1.00	D15006	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
188.00	189.00	1.00	D15007	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-
189.00	190.00	1.00	D15008	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-
190.00	191.00	1.00	D15009	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	411	-	-	-	-	-	-	-	-	-	-
191.00	192.00	1.00	D15011	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
192.00	193.00	1.00	D15012	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	411	-	-	-	-	-	-	-	-	-	-
193.00	194.00	1.00	D15013	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
194.00	195.00	1.00	D15014	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-
195.00	196.00	1.00	D15016	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-
196.00	197.00	1.00	D15017	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
197.00	198.00	1.00	D15018	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
198.00	199.00	1.00	D15019	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
199.00	200.00	1.00	D15020	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
200.00	200.90	0.90	D15021	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
200.90	202.00	1.10	D15022	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
202.00	203.00	1.00	D15023	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
262.00	263.00	1.00	D15024	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
263.00	263.75	0.75	D15025	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
263.75	264.45	0.70	D15026	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
264.45	264.90	0.45	D15027	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
264.90	265.05	0.15	LOST COR	ALS Chemex		02-Jan-00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
265.05	266.00	0.95	D15028	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	684	-	-	-	-	-	-	-	-	-	-
266.00	267.00	1.00	D15029	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-
267.00	268.00	1.00	D15031	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	753	-	-	-	-	-	-	-	-	-	-
268.00	269.00	1.00	D15032	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	411	-	-	-	-	-	-	-	-	-	-
269.00	270.00	1.00	D15033	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	1095	-	-	-	-	-	-	-	-	-	-
270.00	271.00	1.00	D15034	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	753	-	-	-	-	-	-	-	-	-	-
271.00	272.00	1.00	D15036	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	1026	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 1 of 3)**

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Cr (ppm)	Fe (%)	Fe PCTOG1	Fe PCTOG2	Fe PCT_FIN	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Li (ppm)	Mg (%)	
272.00	273.00	1.00	D15037	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	821	-	-	-	-	-	-	-	-	-	-	-	
273.00	274.00	1.00	D15038	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-	-	-
274.00	275.00	1.00	D15039	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-	-	-
275.00	275.50	0.50	D15040	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-	-	-
275.50	275.85	0.35	D15041	ALS Chemex	SD20047101	17-Mar-20	-	300	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-	-	-
275.85	277.00	1.15	D15042	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-	-	-
277.00	278.00	1.00	D15043	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-	-	-
283.00	284.00	1.00	D15044	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-	-	-
284.00	285.00	1.00	D15045	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	547	-	-	-	-	-	-	-	-	-	-	-	-
285.00	286.00	1.00	D15046	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	1026	-	-	-	-	-	-	-	-	-	-	-	-
286.00	287.00	1.00	D15047	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	1368	-	-	-	-	-	-	-	-	-	-	-	-
287.00	288.00	1.00	D15048	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	753	-	-	-	-	-	-	-	-	-	-	-	-
288.00	289.00	1.00	D15049	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	684	-	-	-	-	-	-	-	-	-	-	-	-
289.00	290.00	1.00	D15051	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	1368	-	-	-	-	-	-	-	-	-	-	-	-
290.00	291.25	1.25	D15052	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	1095	-	-	-	-	-	-	-	-	-	-	-	-
291.25	291.50	0.25	D15053	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-	-	-
291.50	292.00	0.50	D15054	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
292.00	293.00	1.00	D15056	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
293.00	294.00	1.00	D15057	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
308.00	309.00	1.00	D15058	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
309.00	310.00	1.00	D15059	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
310.00	311.00	1.00	D15060	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
311.00	312.00	1.00	D15061	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
312.00	313.00	1.00	D15062	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
327.00	328.00	1.00	D15063	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
328.00	329.00	1.00	D15064	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
329.00	330.00	1.00	D15065	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
376.00	377.00	1.00	D15066	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
377.00	378.00	1.00	D15067	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-
378.00	379.00	1.00	D15068	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 1 of 3)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Al</i> (%)	<i>As</i> (ppm)	<i>B</i> (ppm)	<i>Ba</i> (ppm)	<i>Be</i> (ppm)	<i>Bi</i> (ppm)	<i>Ca</i> (%)	<i>Cd</i> (ppm)	<i>Cr</i> (ppm)	<i>Fe</i> (%)	<i>Fe</i> PCTOG1	<i>Fe</i> PCTOG2	<i>Fe</i> PCT_FIN	<i>Ga</i> (ppm)	<i>Hg</i> (ppm)	<i>K</i> (%)	<i>La</i> (ppm)	<i>Li</i> (ppm)	<i>Mg</i> (%)
379.00	380.00	1.00	D15069	ALS Chemex	SD20047101	17-Mar-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
380.00	381.00	1.00	D15071	ALS Chemex	SD20047101	17-Mar-20	-	100	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 2 of 3)**

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Mn (ppm)	Mo (ppm)	Na (%)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sn (ppm)	Sr (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	
185.00	186.00	1.00	D15004	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	40
186.00	187.00	1.00	D15005	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	50
187.00	188.00	1.00	D15006	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	40
188.00	189.00	1.00	D15007	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	50
189.00	190.00	1.00	D15008	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
190.00	191.00	1.00	D15009	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30
191.00	192.00	1.00	D15011	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	30
192.00	193.00	1.00	D15012	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
193.00	194.00	1.00	D15013	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
194.00	195.00	1.00	D15014	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	40
195.00	196.00	1.00	D15016	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	50
196.00	197.00	1.00	D15017	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	40
197.00	198.00	1.00	D15018	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	30
198.00	199.00	1.00	D15019	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	50
199.00	200.00	1.00	D15020	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	40
200.00	200.90	0.90	D15021	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
200.90	202.00	1.10	D15022	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30
202.00	203.00	1.00	D15023	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30
262.00	263.00	1.00	D15024	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	90
263.00	263.75	0.75	D15025	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	80
263.75	264.45	0.70	D15026	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	1.53	-	-	-	-	-	-	-	-	-	-	-	-	-	80
264.45	264.90	0.45	D15027	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	20
264.90	265.05	0.15	LOST COR	ALS Chemex		02-Jan-00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
265.05	266.00	0.95	D15028	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	70
266.00	267.00	1.00	D15029	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	50
267.00	268.00	1.00	D15031	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	60
268.00	269.00	1.00	D15032	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	40
269.00	270.00	1.00	D15033	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	70
270.00	271.00	1.00	D15034	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	80
271.00	272.00	1.00	D15036	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	60

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 2 of 3)**

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Mn (ppm)	Mo (ppm)	Na (%)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sn (ppm)	Sr (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	
272.00	273.00	1.00	D15037	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	80
273.00	274.00	1.00	D15038	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	50
274.00	275.00	1.00	D15039	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	50
275.00	275.50	0.50	D15040	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.75	-	-	-	-	-	-	-	-	-	-	-	-	-	70
275.50	275.85	0.35	D15041	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	80
275.85	277.00	1.15	D15042	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	100
277.00	278.00	1.00	D15043	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	90
283.00	284.00	1.00	D15044	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	70
284.00	285.00	1.00	D15045	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	70
285.00	286.00	1.00	D15046	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	80
286.00	287.00	1.00	D15047	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	100
287.00	288.00	1.00	D15048	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	70
288.00	289.00	1.00	D15049	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	60
289.00	290.00	1.00	D15051	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	120
290.00	291.25	1.25	D15052	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	90
291.25	291.50	0.25	D15053	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.98	-	-	-	-	-	-	-	-	-	-	-	-	-	40
291.50	292.00	0.50	D15054	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	30
292.00	293.00	1.00	D15056	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30
293.00	294.00	1.00	D15057	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	30
308.00	309.00	1.00	D15058	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
309.00	310.00	1.00	D15059	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	20
310.00	311.00	1.00	D15060	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	10
311.00	312.00	1.00	D15061	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	10
312.00	313.00	1.00	D15062	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	10
327.00	328.00	1.00	D15063	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
328.00	329.00	1.00	D15064	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	40
329.00	330.00	1.00	D15065	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	50
376.00	377.00	1.00	D15066	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	60
377.00	378.00	1.00	D15067	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	60
378.00	379.00	1.00	D15068	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	60

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 2 of 3)**

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Mn</i> (ppm)	<i>Mo</i> (ppm)	<i>Na</i> (%)	<i>P</i> (ppm)	<i>Pb</i> (ppm)	<i>S</i> (%)	<i>Sb</i> (ppm)	<i>Sc</i> (ppm)	<i>Sn</i> (ppm)	<i>Sr</i> (ppm)	<i>Te</i> (ppm)	<i>Th</i> (ppm)	<i>Ti</i> (%)	<i>Tl</i> (ppm)	<i>U</i> (ppm)	<i>V</i> (ppm)	<i>W</i> (ppm)	<i>Y</i> (ppm)	<i>Zn</i> (ppm)	
379.00	380.00	1.00	D15069	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	60
380.00	381.00	1.00	D15071	ALS Chemex	SD20047101	17-Mar-20	-	-	-	-	50	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	60

## FULL ANALYTICAL REPORT - ICP -

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 3 of 3)**

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Zr (ppm)	Al2o3 (%)	Cr2o3 (%)	CaO (%)	Fe2o3 (%)	K2o (%)	MgO (%)	MnO (%)	Sio2 (%)	Tio2 (%)	Nb (ppm)	P (%)	Ta (ppm)
185.00	186.00	1.00	D15004	ALS Chemex	SD20047101	17-Mar-20	-	14.95	0.06	9.02	9.15	0.30	7.39	0.15	50.30	0.52	-	-	-
186.00	187.00	1.00	D15005	ALS Chemex	SD20047101	17-Mar-20	-	13.40	0.07	8.63	11.20	0.20	9.39	0.18	49.40	0.62	-	-	-
187.00	188.00	1.00	D15006	ALS Chemex	SD20047101	17-Mar-20	-	15.35	0.03	9.72	11.40	0.10	6.86	0.15	49.20	1.11	-	-	-
188.00	189.00	1.00	D15007	ALS Chemex	SD20047101	17-Mar-20	-	14.90	0.05	8.95	10.85	0.20	7.43	0.15	49.80	0.77	-	-	-
189.00	190.00	1.00	D15008	ALS Chemex	SD20047101	17-Mar-20	-	14.20	0.05	8.84	8.95	0.20	6.90	0.13	53.10	0.71	-	-	-
190.00	191.00	1.00	D15009	ALS Chemex	SD20047101	17-Mar-20	-	14.30	0.06	9.60	9.06	0.20	6.64	0.13	52.60	0.72	-	-	-
191.00	192.00	1.00	D15011	ALS Chemex	SD20047101	17-Mar-20	-	16.45	0.04	13.30	10.15	0.10	5.13	0.13	48.80	0.86	-	-	-
192.00	193.00	1.00	D15012	ALS Chemex	SD20047101	17-Mar-20	-	14.70	0.06	9.07	9.51	0.30	6.87	0.13	51.30	0.63	-	-	-
193.00	194.00	1.00	D15013	ALS Chemex	SD20047101	17-Mar-20	-	15.70	0.04	9.30	9.54	0.10	5.77	0.12	49.60	0.86	-	-	-
194.00	195.00	1.00	D15014	ALS Chemex	SD20047101	17-Mar-20	-	14.95	0.05	10.45	11.40	0.10	6.86	0.15	48.60	0.91	-	-	-
195.00	196.00	1.00	D15016	ALS Chemex	SD20047101	17-Mar-20	-	14.70	0.05	8.87	11.25	0.20	7.36	0.16	49.20	0.80	-	-	-
196.00	197.00	1.00	D15017	ALS Chemex	SD20047101	17-Mar-20	-	14.75	0.02	11.50	12.70	0.05	5.62	0.16	49.00	1.37	-	-	-
197.00	198.00	1.00	D15018	ALS Chemex	SD20047101	17-Mar-20	-	14.70	0.03	12.70	11.60	0.05	5.41	0.15	49.00	1.09	-	-	-
198.00	199.00	1.00	D15019	ALS Chemex	SD20047101	17-Mar-20	-	14.95	0.03	9.23	12.90	0.10	6.54	0.18	49.80	1.16	-	-	-
199.00	200.00	1.00	D15020	ALS Chemex	SD20047101	17-Mar-20	-	15.00	0.04	10.30	13.00	0.05	6.49	0.18	49.60	1.22	-	-	-
200.00	200.90	0.90	D15021	ALS Chemex	SD20047101	17-Mar-20	-	14.80	0.04	9.53	9.27	0.30	7.05	0.15	52.00	0.68	-	-	-
200.90	202.00	1.10	D15022	ALS Chemex	SD20047101	17-Mar-20	-	15.70	0.04	9.22	8.71	0.40	6.79	0.13	52.20	0.72	-	-	-
202.00	203.00	1.00	D15023	ALS Chemex	SD20047101	17-Mar-20	-	16.40	0.04	9.23	7.63	0.60	6.25	0.12	55.20	0.64	-	-	-
262.00	263.00	1.00	D15024	ALS Chemex	SD20047101	17-Mar-20	-	14.50	0.03	11.65	13.10	0.10	7.14	0.19	49.40	0.98	-	-	-
263.00	263.75	0.75	D15025	ALS Chemex	SD20047101	17-Mar-20	-	14.20	0.03	9.79	12.60	0.10	7.05	0.18	48.60	0.93	-	-	-
263.75	264.45	0.70	D15026	ALS Chemex	SD20047101	17-Mar-20	-	16.20	0.02	11.35	13.75	0.40	6.83	0.16	44.70	0.55	-	-	-
264.45	264.90	0.45	D15027	ALS Chemex	SD20047101	17-Mar-20	-	13.40	0.02	3.62	3.91	0.20	1.93	0.06	67.00	0.68	-	-	-
264.90	265.05	0.15	LOST COR	ALS Chemex		02-Jan-00	-	-	-	-	-	-	-	-	-	-	-	-	-
265.05	266.00	0.95	D15028	ALS Chemex	SD20047101	17-Mar-20	-	15.40	0.10	9.46	13.45	0.80	9.95	0.17	44.10	0.56	-	-	-
266.00	267.00	1.00	D15029	ALS Chemex	SD20047101	17-Mar-20	-	16.65	0.04	10.10	11.70	1.10	8.22	0.14	45.10	0.54	-	-	-
267.00	268.00	1.00	D15031	ALS Chemex	SD20047101	17-Mar-20	-	17.20	0.11	9.12	12.15	1.30	10.50	0.14	45.40	0.41	-	-	-
268.00	269.00	1.00	D15032	ALS Chemex	SD20047101	17-Mar-20	-	16.60	0.06	10.05	11.45	1.10	8.42	0.13	47.50	0.69	-	-	-
269.00	270.00	1.00	D15033	ALS Chemex	SD20047101	17-Mar-20	-	16.35	0.16	9.33	12.60	1.20	10.80	0.15	45.60	0.44	-	-	-
270.00	271.00	1.00	D15034	ALS Chemex	SD20047101	17-Mar-20	-	16.25	0.11	8.51	12.80	1.00	11.00	0.15	45.80	0.40	-	-	-
271.00	272.00	1.00	D15036	ALS Chemex	SD20047101	17-Mar-20	-	14.35	0.15	7.89	10.70	0.60	9.92	0.15	51.10	0.42	-	-	-



**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 3 of 3)**

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Zr (ppm)	Al2o3 (%)	Cr2o3 (%)	CaO (%)	Fe2o3 (%)	K2O (%)	MgO (%)	MnO (%)	Sio2 (%)	Tio2 (%)	Nb (ppm)	P (%)	Ta (ppm)
272.00	273.00	1.00	D15037	ALS Chemex	SD20047101	17-Mar-20	-	15.70	0.12	9.11	12.05	1.10	10.15	0.15	46.80	0.40	-	-	-
273.00	274.00	1.00	D15038	ALS Chemex	SD20047101	17-Mar-20	-	15.40	0.05	9.71	11.10	1.20	8.32	0.16	49.40	0.49	-	-	-
274.00	275.00	1.00	D15039	ALS Chemex	SD20047101	17-Mar-20	-	16.35	0.04	9.93	12.00	1.10	8.82	0.16	47.90	0.46	-	-	-
275.00	275.50	0.50	D15040	ALS Chemex	SD20047101	17-Mar-20	-	14.80	0.02	10.65	12.90	0.80	7.58	0.17	46.60	0.75	-	-	-
275.50	275.85	0.35	D15041	ALS Chemex	SD20047101	17-Mar-20	-	15.05	0.02	8.17	13.00	1.80	7.83	0.15	43.20	0.53	-	-	-
275.85	277.00	1.15	D15042	ALS Chemex	SD20047101	17-Mar-20	-	13.90	0.02	9.15	12.55	0.30	7.01	0.19	50.30	0.92	-	-	-
277.00	278.00	1.00	D15043	ALS Chemex	SD20047101	17-Mar-20	-	14.10	0.02	10.80	12.80	0.20	7.01	0.20	50.90	0.93	-	-	-
283.00	284.00	1.00	D15044	ALS Chemex	SD20047101	17-Mar-20	-	15.15	0.05	10.55	13.10	0.70	9.85	0.19	46.80	0.47	-	-	-
284.00	285.00	1.00	D15045	ALS Chemex	SD20047101	17-Mar-20	-	15.00	0.08	9.47	13.30	0.50	9.72	0.19	47.90	0.63	-	-	-
285.00	286.00	1.00	D15046	ALS Chemex	SD20047101	17-Mar-20	-	14.90	0.15	9.67	13.40	0.60	11.40	0.20	45.40	0.53	-	-	-
286.00	287.00	1.00	D15047	ALS Chemex	SD20047101	17-Mar-20	-	13.90	0.20	9.32	14.15	0.50	12.10	0.22	45.40	0.50	-	-	-
287.00	288.00	1.00	D15048	ALS Chemex	SD20047101	17-Mar-20	-	14.65	0.11	9.46	13.40	0.60	10.95	0.20	46.60	0.58	-	-	-
288.00	289.00	1.00	D15049	ALS Chemex	SD20047101	17-Mar-20	-	13.50	0.10	9.99	12.30	0.90	9.98	0.18	49.60	0.62	-	-	-
289.00	290.00	1.00	D15051	ALS Chemex	SD20047101	17-Mar-20	-	14.00	0.20	8.90	12.90	1.20	13.00	0.19	44.70	0.44	-	-	-
290.00	291.25	1.25	D15052	ALS Chemex	SD20047101	17-Mar-20	-	14.15	0.16	7.26	14.10	1.20	13.30	0.20	44.30	0.50	-	-	-
291.25	291.50	0.25	D15053	ALS Chemex	SD20047101	17-Mar-20	-	18.30	0.02	7.16	7.48	1.90	4.11	0.09	55.20	0.43	-	-	-
291.50	292.00	0.50	D15054	ALS Chemex	SD20047101	17-Mar-20	-	16.80	0.01	7.14	6.16	1.10	3.88	0.08	59.00	0.55	-	-	-
292.00	293.00	1.00	D15056	ALS Chemex	SD20047101	17-Mar-20	-	15.90	0.01	6.28	6.72	0.50	3.31	0.08	60.50	0.63	-	-	-
293.00	294.00	1.00	D15057	ALS Chemex	SD20047101	17-Mar-20	-	15.65	0.01	6.58	7.65	0.70	3.48	0.09	56.90	0.65	-	-	-
308.00	309.00	1.00	D15058	ALS Chemex	SD20047101	17-Mar-20	-	16.05	0.01	6.24	7.48	1.10	3.50	0.10	57.80	0.71	-	-	-
309.00	310.00	1.00	D15059	ALS Chemex	SD20047101	17-Mar-20	-	16.10	0.01	6.30	7.48	1.20	3.56	0.09	57.80	0.69	-	-	-
310.00	311.00	1.00	D15060	ALS Chemex	SD20047101	17-Mar-20	-	16.15	0.01	5.99	5.99	1.80	3.39	0.08	59.50	0.66	-	-	-
311.00	312.00	1.00	D15061	ALS Chemex	SD20047101	17-Mar-20	-	16.85	0.01	8.37	6.55	1.00	3.27	0.10	58.60	0.69	-	-	-
312.00	313.00	1.00	D15062	ALS Chemex	SD20047101	17-Mar-20	-	16.70	0.01	7.79	5.94	1.00	3.28	0.11	58.20	0.67	-	-	-
327.00	328.00	1.00	D15063	ALS Chemex	SD20047101	17-Mar-20	-	17.25	0.01	6.77	7.62	0.80	3.36	0.10	57.50	0.69	-	-	-
328.00	329.00	1.00	D15064	ALS Chemex	SD20047101	17-Mar-20	-	16.50	0.01	6.02	7.09	1.30	3.79	0.10	57.80	0.66	-	-	-
329.00	330.00	1.00	D15065	ALS Chemex	SD20047101	17-Mar-20	-	16.30	0.01	5.95	7.38	0.80	3.64	0.11	57.80	0.67	-	-	-
376.00	377.00	1.00	D15066	ALS Chemex	SD20047101	17-Mar-20	-	16.20	0.01	5.74	9.55	1.20	3.67	0.17	56.30	0.86	-	-	-
377.00	378.00	1.00	D15067	ALS Chemex	SD20047101	17-Mar-20	-	16.05	0.01	5.61	9.32	1.30	3.64	0.16	56.00	0.84	-	-	-
378.00	379.00	1.00	D15068	ALS Chemex	SD20047101	17-Mar-20	-	15.90	0.01	5.76	9.44	1.20	3.60	0.17	56.50	0.83	-	-	-

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 3 of 3)**

<i>From (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Zr (ppm)</i>	<i>Al2o3 (%)</i>	<i>Cr2o3 (%)</i>	<i>CaO (%)</i>	<i>Fe2o3 (%)</i>	<i>K2o (%)</i>	<i>Mgo (%)</i>	<i>Mno (%)</i>	<i>Sio2 (%)</i>	<i>Tio2 (%)</i>	<i>Nb (ppm)</i>	<i>P (%)</i>	<i>Ta (ppm)</i>
379.00	380.00	1.00	D15069	ALS Chemex	SD20047101	17-Mar-20	-	15.75	0.01	6.09	9.37	0.90	3.57	0.18	56.30	0.82	-	-	-
380.00	381.00	1.00	D15071	ALS Chemex	SD20047101	17-Mar-20	-	15.70	0.01	5.78	9.34	1.00	3.50	0.17	56.70	0.81	-	-	-



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Page: 1  
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 Plus Appendix Pages  
 Finalized Date: 17-MAR-2020  
 Account: NRAMNI

**CERTIFICATE SD20047101**

Project: LN\_EC Batch 20-001

This report is for 78 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 28-FEB-2020.

The following have access to data associated with this certificate:

GERRY KATCHEN	PETER LIGHTFOOT	JIM SPARLING
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
CRU-31	Fine crushing - 70% <2mm
PUL-31d	Pulverize Split - duplicate
SPL-34X	Pulp Split - For send out
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Saa Traxler, General Manager, North Vancouver



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Project: LN\_EC Batch 20-001

**CERTIFICATE OF ANALYSIS SD20047101**

Sample Description	Method Analyte Units LOD	WEI-21	CRU-QC	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
		Recvd Wt. kg	Pass2mm %	Pass75um %	Au ppm	Pt ppm	Pd ppm	Al2O3 %	As %	CaO %	Co %	Cr2O3 %	Cu %	Fe2O3 %	K2O %	MgO %
		0.02	0.01	0.01	0.001	0.005	0.001	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.1	0.01
D15001		2.29	74.4	88.2	<0.001	<0.005	0.002	17.30	<0.01	8.19	0.003	0.03	0.002	7.44	0.7	5.00
D15002		0.68		92.7	0.001	<0.005	0.002	13.65	0.01	4.55	<0.002	0.01	0.037	4.29	0.3	1.72
D15003		1.61			<0.001	<0.005	0.001	17.00	<0.01	7.98	<0.002	0.03	0.004	7.05	0.6	4.72
D15004		2.58			<0.001	0.019	0.026	14.95	0.01	9.02	0.004	0.06	0.003	9.15	0.3	7.39
D15005		2.46			<0.001	0.006	0.011	13.40	<0.01	8.63	0.004	0.07	0.014	11.20	0.2	9.39
D15006		2.36			0.003	0.011	0.006	15.35	<0.01	9.72	0.005	0.03	0.033	11.40	0.1	6.86
D15007		2.36			<0.001	0.019	0.018	14.90	0.01	8.95	0.004	0.05	0.006	10.85	0.2	7.43
D15007-SP		<0.02			0.001	0.011	0.009	14.85	<0.01	9.02	0.004	0.05	0.006	11.10	0.2	7.63
D15008		2.35			0.001	<0.005	0.002	14.20	0.01	8.84	<0.002	0.05	<0.002	8.95	0.2	6.90
D15009		2.39			<0.001	<0.005	<0.001	14.30	0.01	9.60	0.002	0.06	0.004	9.06	0.2	6.64
D15010		0.08			0.172	0.304	0.357	12.55	0.01	7.65	0.022	0.05	0.350	16.25	0.8	7.36
D15011		2.72			<0.001	<0.005	0.001	16.45	<0.01	13.30	0.002	0.04	0.004	10.15	0.1	5.13
D15012		2.48			<0.001	<0.005	<0.001	14.70	0.01	9.07	0.003	0.06	<0.002	9.51	0.3	6.87
D15013		2.55			<0.001	0.005	0.001	15.70	0.01	9.30	0.003	0.04	0.002	9.54	0.1	5.77
D15014		2.49			0.001	<0.005	0.001	14.95	0.01	10.45	0.002	0.05	0.019	11.40	0.1	6.86
D15015		0.08			<0.001	<0.005	0.001	2.91	0.01	<0.05	<0.002	0.02	0.002	1.31	0.5	0.11
D15016		2.77			<0.001	<0.005	0.001	14.70	0.01	8.87	0.003	0.05	0.006	11.25	0.2	7.36
D15017		2.12			<0.001	<0.005	0.001	14.75	0.01	11.50	0.003	0.02	0.007	12.70	<0.1	5.62
D15017-PD		<0.02														
D15018		2.69			<0.001	<0.005	0.002	14.70	<0.01	12.70	0.003	0.03	0.009	11.60	<0.1	5.41
D15019		2.51			<0.001	<0.005	0.002	14.95	<0.01	9.23	0.005	0.03	0.006	12.90	0.1	6.54
D15020		2.51			<0.001	<0.005	0.004	15.00	0.01	10.30	0.004	0.04	0.008	13.00	<0.1	6.49
D15021		2.24			<0.001	<0.005	0.001	14.80	<0.01	9.53	0.002	0.04	<0.002	9.27	0.3	7.05
D15022		2.69			<0.001	<0.005	0.001	15.70	<0.01	9.22	0.005	0.04	<0.002	8.71	0.4	6.79
D15023		2.50			<0.001	<0.005	<0.001	16.40	0.01	9.23	0.002	0.04	<0.002	7.63	0.6	6.25
D15024		2.76			<0.001	<0.005	<0.001	14.50	<0.01	11.65	0.006	0.03	0.009	13.10	0.1	7.14
D15025		2.02			<0.001	<0.005	<0.001	14.20	0.01	9.79	0.004	0.03	0.009	12.60	0.1	7.05
D15026		1.54			0.009	0.041	0.229	16.20	<0.01	11.35	0.013	0.02	0.180	13.75	0.4	6.83
D15026-SP		<0.02			0.013	0.048	0.271	15.90	0.01	11.10	0.017	0.02	0.184	14.35	0.4	6.80
D15027		1.09			0.004	<0.005	0.010	13.40	0.01	3.62	0.003	0.02	0.004	3.91	0.2	1.93
D15028		1.99			<0.001	0.011	0.052	15.40	0.01	9.46	0.006	0.10	0.022	13.45	0.8	9.95
D15028-PD		<0.02														
D15029		2.25			<0.001	0.008	0.057	16.65	<0.01	10.10	0.005	0.04	0.010	11.70	1.1	8.22
D15030		0.08			0.163	0.499	0.580	10.25	0.02	5.68	0.035	0.04	0.853	25.5	0.7	5.76
D15031		2.55			<0.001	<0.005	0.002	17.20	0.01	9.12	0.007	0.11	<0.002	12.15	1.3	10.50
D15032		2.55			<0.001	<0.005	0.002	16.60	<0.01	10.05	0.006	0.06	0.004	11.45	1.1	8.42
D15033		2.34			<0.001	<0.005	0.004	16.35	<0.01	9.33	0.007	0.16	<0.002	12.60	1.2	10.80
D15034		2.50			<0.001	<0.005	0.004	16.25	<0.01	8.51	0.006	0.11	0.002	12.80	1.0	11.00
D15035		0.08			<0.001	<0.005	0.002	2.95	0.01	0.17	<0.002	0.01	0.002	1.46	0.6	0.12
D15036		2.28	73.4	87.4	0.001	<0.005	0.005	14.35	0.01	7.89	0.005	0.15	0.006	10.70	0.6	9.92



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Project: LN\_EC Batch 20-001

**CERTIFICATE OF ANALYSIS SD20047101**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
		MnO %	Ni %	Pb %	S %	SiO2 %	TiO2 %	Zn %
		0.01	0.002	0.01	0.01	0.2	0.01	0.002
D15001		0.11	0.011	<0.01	0.01	54.1	0.42	0.003
D15002		0.04	0.007	<0.01	0.05	67.4	0.63	0.002
D15003		0.10	0.007	<0.01	<0.01	54.3	0.46	0.003
D15004		0.15	0.029	<0.01	0.07	50.3	0.52	0.004
D15005		0.18	0.034	<0.01	0.01	49.4	0.62	0.005
D15006		0.15	0.033	<0.01	0.22	49.2	1.11	0.004
D15007		0.15	0.037	<0.01	0.08	49.8	0.77	0.005
D15007-SP		0.16	0.040	<0.01	0.10	50.5	0.80	0.005
D15008		0.13	0.023	<0.01	0.01	53.1	0.71	0.004
D15009		0.13	0.016	<0.01	<0.01	52.6	0.72	0.003
D15010		0.16	0.318	<0.01	1.77	48.3	0.75	0.009
D15011		0.13	0.018	<0.01	0.03	48.8	0.86	0.003
D15012		0.13	0.016	<0.01	<0.01	51.3	0.63	0.004
D15013		0.12	0.013	<0.01	0.01	49.6	0.86	0.004
D15014		0.15	0.018	<0.01	0.06	48.6	0.91	0.004
D15015		0.01	<0.002	<0.01	0.04	91.8	0.09	<0.002
D15016		0.16	0.019	<0.01	0.01	49.2	0.80	0.005
D15017		0.16	0.016	<0.01	0.05	49.0	1.37	0.004
D15017-PD								
D15018		0.15	0.019	<0.01	0.12	49.0	1.09	0.003
D15019		0.18	0.021	<0.01	0.06	49.8	1.16	0.005
D15020		0.18	0.024	<0.01	0.10	49.6	1.22	0.004
D15021		0.15	0.018	<0.01	<0.01	52.0	0.68	0.004
D15022		0.13	0.014	<0.01	<0.01	52.2	0.72	0.003
D15023		0.12	0.012	<0.01	<0.01	55.2	0.64	0.003
D15024		0.19	0.024	<0.01	0.11	49.4	0.98	0.009
D15025		0.18	0.010	<0.01	0.09	48.6	0.93	0.008
D15026		0.16	0.131	<0.01	1.53	44.7	0.55	0.008
D15026-SP		0.16	0.164	<0.01	1.90	43.9	0.52	0.008
D15027		0.06	0.007	<0.01	0.03	67.0	0.68	0.002
D15028		0.17	0.047	<0.01	0.16	44.1	0.56	0.007
D15028-PD								
D15029		0.14	0.046	<0.01	0.24	45.1	0.54	0.005
D15030		0.14	1.190	<0.01	6.83	39.6	0.61	0.013
D15031		0.14	0.036	<0.01	0.02	45.4	0.41	0.006
D15032		0.13	0.027	<0.01	0.06	47.5	0.69	0.004
D15033		0.15	0.036	<0.01	0.01	45.6	0.44	0.007
D15034		0.15	0.042	<0.01	0.05	45.8	0.40	0.008
D15035		0.01	0.002	<0.01	0.02	96.9	0.09	<0.002
D15036		0.15	0.039	<0.01	0.02	51.1	0.42	0.006



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Project: LN\_EC Batch 20-001

**CERTIFICATE OF ANALYSIS SD20047101**

Sample Description	Method Analyte Units LOD	WEI-21	CRU-QC	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
		Recvd Wt. kg	Pass2mm %	Pass75um %	Au ppm	Pt ppm	Pd ppm	Al2O3 %	As %	CaO %	Co %	Cr2O3 %	Cu %	Fe2O3 %	K2O %	MgO %
		0.02	0.01	0.01	0.001	0.005	0.001	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.1	0.01
D15037		2.38		87.3	<0.001	<0.005	0.006	15.70	<0.01	9.11	0.004	0.12	0.002	12.05	1.1	10.15
D15038		2.59			<0.001	<0.005	0.005	15.40	0.01	9.71	0.004	0.05	0.005	11.10	1.2	8.32
D15039		2.44			<0.001	0.006	0.016	16.35	0.01	9.93	0.006	0.04	0.004	12.00	1.1	8.82
D15040		1.83			0.011	0.018	0.130	14.80	0.01	10.65	0.006	0.02	0.147	12.90	0.8	7.58
D15040-PD		<0.02														
D15041		0.76			0.008	0.043	0.225	15.05	0.03	8.17	0.009	0.02	0.083	13.00	1.8	7.83
D15042		2.69			<0.001	<0.005	0.001	13.90	<0.01	9.15	0.003	0.02	0.009	12.55	0.3	7.01
D15043		2.52			<0.001	<0.005	<0.001	14.10	0.01	10.80	0.003	0.02	0.009	12.80	0.2	7.01
D15044		2.55			<0.001	<0.005	0.007	15.15	0.01	10.55	0.004	0.05	0.007	13.10	0.7	9.85
D15045		1.72			<0.001	<0.005	0.012	15.00	<0.01	9.47	0.005	0.08	0.012	13.30	0.5	9.72
D15046		2.53			<0.001	<0.005	0.005	14.90	0.01	9.67	0.005	0.15	0.003	13.40	0.6	11.40
D15047		2.73			<0.001	<0.005	0.010	13.90	<0.01	9.32	0.006	0.20	0.011	14.15	0.5	12.10
D15048		2.51			<0.001	0.005	0.007	14.65	0.01	9.46	0.005	0.11	0.005	13.40	0.6	10.95
D15049		2.64			<0.001	<0.005	0.008	13.50	0.01	9.99	0.005	0.10	0.006	12.30	0.9	9.98
D15050		0.08			0.164	0.294	0.344	12.25	0.02	7.67	0.017	0.05	0.344	15.75	0.8	7.18
D15051		2.40			0.002	0.018	0.069	14.00	0.01	8.90	0.006	0.20	0.022	12.90	1.2	13.00
D15051-SP		<0.02			0.003	0.015	0.069	13.70	<0.01	8.69	0.009	0.19	0.027	12.90	1.1	12.95
D15052		3.14			<0.001	<0.005	0.009	14.15	0.01	7.26	0.005	0.16	0.019	14.10	1.2	13.30
D15052-PD		<0.02														
D15053		0.52			0.012	0.009	0.011	18.30	0.01	7.16	0.008	0.02	0.171	7.48	1.9	4.11
D15054		1.27			<0.001	<0.005	0.001	16.80	0.01	7.14	<0.002	0.01	<0.002	6.16	1.1	3.88
D15055		0.08			0.001	<0.005	0.001	2.94	<0.01	0.07	<0.002	0.01	0.002	1.39	0.5	0.10
D15056		2.50			0.001	<0.005	0.001	15.90	<0.01	6.28	0.002	0.01	0.008	6.72	0.5	3.31
D15057		1.82			<0.001	<0.005	0.001	15.65	<0.01	6.58	<0.002	0.01	0.004	7.65	0.7	3.48
D15058		1.96			0.001	<0.005	0.001	16.05	<0.01	6.24	<0.002	0.01	0.004	7.48	1.1	3.50
D15059		2.49			0.002	<0.005	<0.001	16.10	0.01	6.30	<0.002	0.01	0.005	7.48	1.2	3.56
D15060		2.22			0.001	<0.005	0.001	16.15	<0.01	5.99	0.002	0.01	0.023	5.99	1.8	3.39
D15061		2.36			<0.001	<0.005	0.001	16.85	0.01	8.37	<0.002	0.01	0.006	6.55	1.0	3.27
D15062		2.31			<0.001	<0.005	<0.001	16.70	0.01	7.79	0.002	0.01	<0.002	5.94	1.0	3.28
D15063		2.36			<0.001	<0.005	<0.001	17.25	<0.01	6.77	<0.002	0.01	<0.002	7.62	0.8	3.36
D15064		2.24			<0.001	<0.005	0.001	16.50	<0.01	6.02	<0.002	0.01	0.011	7.09	1.3	3.79
D15065		2.63			<0.001	<0.005	0.001	16.30	<0.01	5.95	<0.002	0.01	<0.002	7.38	0.8	3.64
D15066		2.44			0.001	<0.005	<0.001	16.20	<0.01	5.74	0.003	0.01	0.002	9.55	1.2	3.67
D15067		2.48			<0.001	<0.005	<0.001	16.05	0.01	5.61	<0.002	0.01	<0.002	9.32	1.3	3.64
D15068		2.26			0.001	<0.005	<0.001	15.90	<0.01	5.76	0.002	0.01	0.004	9.44	1.2	3.60
D15069		2.37			<0.001	<0.005	<0.001	15.75	<0.01	6.09	<0.002	0.01	0.003	9.37	0.9	3.57
D15070		0.08			0.173	0.324	0.362	12.05	0.01	7.25	0.019	0.05	0.334	15.50	0.7	7.04
D15071		2.42			0.001	<0.005	0.001	15.70	0.01	5.78	<0.002	0.01	0.006	9.34	1.0	3.50



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To: NORTH AMERICAN NICKEL INC  
 SUITE 2500-666 BURRARD STREET  
 VANCOUVER BC V6C 2X8

Page: 3 - B  
 Total # Pages: 3 (A - B)  
 Plus Appendix Pages  
 Finalized Date: 17-MAR-2020  
 Account: NRAMNI

Project: LN\_EC Batch 20-001

**CERTIFICATE OF ANALYSIS SD20047101**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
		MnO %	Ni %	Pb %	S %	SiO2 %	TiO2 %	Zn %
		0.01	0.002	0.01	0.01	0.2	0.01	0.002
D15037		0.15	0.033	<0.01	0.04	46.8	0.40	0.008
D15038		0.16	0.015	<0.01	0.06	49.4	0.49	0.005
D15039		0.16	0.027	<0.01	0.05	47.9	0.46	0.005
D15040		0.17	0.081	<0.01	0.75	46.6	0.75	0.007
D15040-PD								
D15041		0.15	0.092	<0.01	0.50	43.2	0.53	0.008
D15042		0.19	0.010	<0.01	0.17	50.3	0.92	0.010
D15043		0.20	0.008	<0.01	0.13	50.9	0.93	0.009
D15044		0.19	0.030	<0.01	0.05	46.8	0.47	0.007
D15045		0.19	0.029	<0.01	0.10	47.9	0.63	0.007
D15046		0.20	0.037	<0.01	0.03	45.4	0.53	0.008
D15047		0.22	0.046	<0.01	0.09	45.4	0.50	0.010
D15048		0.20	0.038	<0.01	0.04	46.6	0.58	0.007
D15049		0.18	0.035	<0.01	0.11	49.6	0.62	0.006
D15050		0.16	0.307	<0.01	1.75	49.6	0.73	0.009
D15051		0.19	0.073	<0.01	0.20	44.7	0.44	0.012
D15051-SP		0.19	0.090	<0.01	0.24	44.3	0.44	0.011
D15052		0.20	0.056	<0.01	0.10	44.3	0.50	0.009
D15052-PD								
D15053		0.09	0.026	<0.01	0.98	55.2	0.43	0.004
D15054		0.08	0.006	<0.01	0.02	59.0	0.55	0.003
D15055		0.01	0.004	<0.01	0.01	93.5	0.09	<0.002
D15056		0.08	0.010	<0.01	0.01	60.5	0.63	0.003
D15057		0.09	0.005	<0.01	<0.01	56.9	0.65	0.003
D15058		0.10	0.009	<0.01	<0.01	57.8	0.71	0.004
D15059		0.09	0.006	<0.01	<0.01	57.8	0.69	0.002
D15060		0.08	0.007	<0.01	0.02	59.5	0.66	<0.002
D15061		0.10	0.010	<0.01	<0.01	58.6	0.69	<0.002
D15062		0.11	0.009	<0.01	<0.01	58.2	0.67	<0.002
D15063		0.10	0.008	<0.01	0.01	57.5	0.69	0.004
D15064		0.10	0.007	<0.01	0.01	57.8	0.66	0.004
D15065		0.11	0.006	<0.01	<0.01	57.8	0.67	0.005
D15066		0.17	0.006	<0.01	0.01	56.3	0.86	0.006
D15067		0.16	0.006	<0.01	<0.01	56.0	0.84	0.006
D15068		0.17	0.007	<0.01	0.01	56.5	0.83	0.006
D15069		0.18	0.007	<0.01	0.01	56.3	0.82	0.006
D15070		0.16	0.305	<0.01	1.70	46.6	0.72	0.009
D15071		0.17	0.007	<0.01	<0.01	56.7	0.81	0.006



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Total # Appendix Pages: 1  
Finalized Date: 17-MAR-2020  
Account: NRAMNI

Project: LN\_EC Batch 20-001

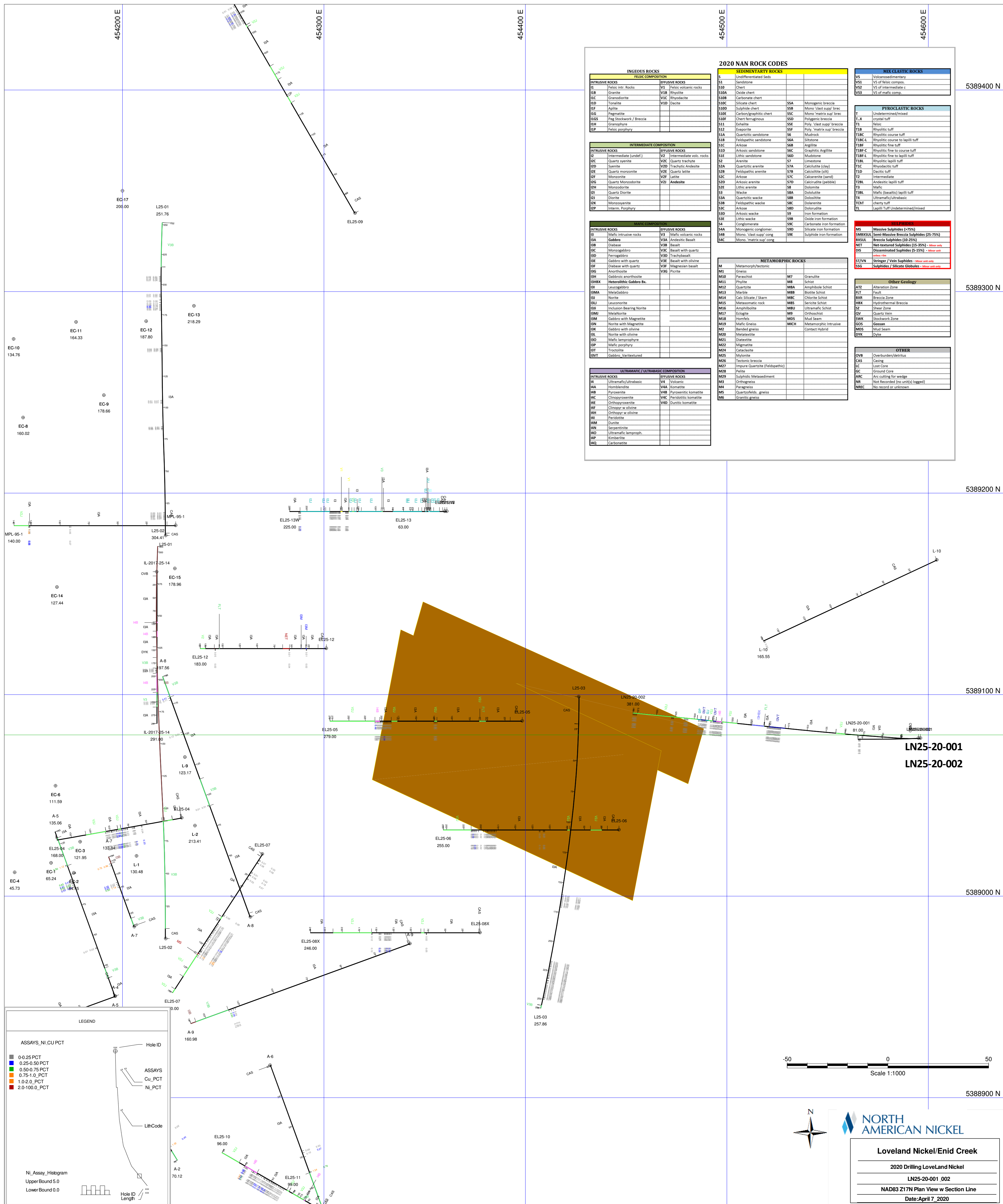
**CERTIFICATE OF ANALYSIS SD20047101**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.		
	CRU-31	CRU-QC	LOG-21d
	PUL-31	PUL-31d	PUL-QC
	SPL-21d	SPL-34X	WEI-21
			LOG-22
			SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP81	PGM-ICP23	





INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I1	Felsic intr. Rocks	VI	Felsic volcanic rocks
I1B	Granite	VI1B	Rhyolite
I1C	Granodiorite	VI1C	Rhyodacite
I1D	Tonalite	VI1D	Dacite
I1F	Apfite		
I1G	Pegmatite		
I1G5	Peg Stockwork / Breccia		
I1H	Granophyre		
I1P	Felsic porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I2	Intermediate (undef.)	VI2	Intermediate volc. rocks
I2C	Quartz syenite	VI2C	Quartz trachyte
I2D	Syenite	VI2D	Trachytic Andesite
I2E	Quartz monzonite	VI2E	Quartz latite
I2F	Monzonite	VI2F	Latite
I2G	Quartz Monzoniorite	VI2G	Andesite
I2H	Monzoniorite		
I2I	Quartz Diorite		
I2K	Monzoniorite		
I2P	Intern. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3	Mafic intrusive rocks	VI3	Mafic volcanic rocks
I3A	Gabbro	VI3A	Andesitic Basalt
I3B	Diabase	VI3B	Basalt
I3C	Monzogabbro	VI3C	Basalt with quartz
I3D	Ferrogabbro	VI3D	Trachybasalt
I3E	Gabbro with quartz	VI3E	Basalt with olivine
I3F	Diabase with quartz	VI3F	Magnesian basalt
I3G	Anorthosite	VI3G	Picrite
I3H	Gabbroic anorthosite		
I3HX	Heterolithic Gabbro Bx.		
I3I	Leucogabbro		
I3MA	Melicogabbro		
I3J	Norite		
I3J1	Leuconorite		
I3J2	Inclusion Bearing Norite		
I3M	Melakonite		
I3N	Gabbro with Magnetite		
I3O	Norite with Magnetite		
I3K	Gabbro with olivine		
I3L	Norite with olivine		
I3O	Mafic lamprophyre		
I3P	Mafic porphyry		
I3T	Tracholite		
I3VT	Gabbro_Vantextured		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I4	Ultramafic/Ultrabasic	VI4	Volcanic
I4A	Hornblende	VI4A	Komatiite
I4B	Pyroxenite	VI4B	Pyroxenitic komatiite
I4C	Chloropyroxenite	VI4C	Peridotitic komatiite
I4E	Orthopyroxenite	VI4D	Dunitic komatiite
I4F	Chloropyroxenite		
I4H	Orthopyroxenite		
I4I	Peridotite		
I4M	Dunite		
I4N	Serpentinized		
I4O	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonatite		

2020 NAN ROCK CODES	
S	Undifferentiated Seds
S1	Sandstone
S10	Chert
S10A	Oolite chert
S10B	Carbonate chert
S10C	Silicate chert
S10D	Sulphide chert
S10E	Carbon/graphitic chert
S10F	Chert ferruginous
S11	Exhalite
S12	Evaporite
S14	Quartzitic sandstone
S18	Feldspathic sandstone
S1C	Arkose
S1D	Arkasic sandstone
S1E	Lithic sandstone
S2	Arenite
S2A	Quartzitic arenite
S2B	Feldspathic arenite
S2C	Arkose
S2D	Arkasic arenite
S2E	Lithic arenite
S3	Wacke
S3A	Quartzitic wacke
S3B	Feldspathic wacke
S3C	Arkose
S3D	Arkasic wacke
S3E	Lithic wacke
S4	Conglomerate
S4A	Mono. conglomer.
S4B	Mono. 'matrix sup' cong.
S4C	Mono. 'matrix sup' cong.

SEDIMENTARY ROCKS	
S5A	Mono. 'matrix sup' brecc.
S5B	Poly. 'matrix sup' breccia
S6	Mudrock
S6A	Siltstone
S6B	Argillite
S6C	Graphitic Argillite
S6D	Mudstone
S7	Limestone
S7A	Calclutite (clay)
S7B	Calcsiltite (silt)
S7C	Calcarenite (sand)
S7D	Calcsiltite (pebble)
S8	Dolomite
S8A	Dolostone
S8B	Dolostone
S8C	Dolarenite
S8D	Dolorulite
S9	Iron formation
S9B	Oxide iron formation
S9C	Carbonate iron formation
S9D	Silicate iron formation
S9E	Sulphide iron formation

METAMORPHIC ROCKS	
M1	Metamorph/Tectonic
M11	Gneiss
M10	Paraschist
M111	Phyllite
M12	Quartzite
M13	Marble
M14	Calc Silicate / Skarn
M15	Metasomatic rock
M16	Amphibolite
M17	Eclogite
M18	Homfels
M19	Mafic Gneiss
M2	Banded gneiss
M20	Metabelite
M21	Diatexite
M22	Migmatite
M24	Carapelite
M25	Mylonite
M26	Tectonic breccia
M27	Impure Quartzite (feldspathic)
M28	Feilite
M29	Sulphidic Metasediment
M3	Orthogneiss
M4	Paragneiss
M5	Quartzofelds. gneiss
M6	Granitic gneiss
M7	Granulite
M8	Schist
M8A	Amphibole Schist
M8B	Biotite Schist
M8C	Chlorite Schist
M8S	Sericite Schist
M8U	Ultramafic Schist
M9	Orthoschist
M9S	Mud Seam
M9H	Metamorphic Intrusive
M9I	Contact Hybrid

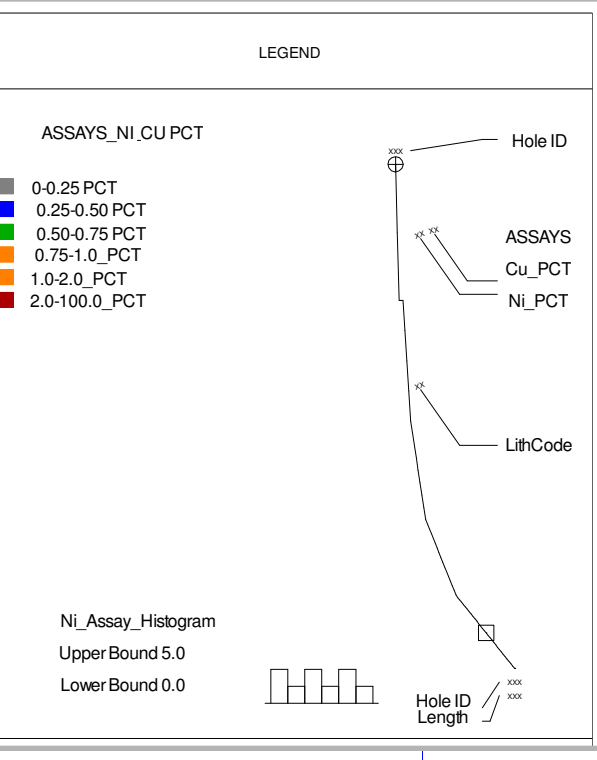
SULPHIDES	
S15	Massive Sulphides (0-25%)
S15XSL	Semi-Massive Breccia Sulphides (25-75%)
S15XSL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>Miner only</i>
D15	Disseminated Sulphides (5-15%) - <i>Miner only</i>
S17/VN	Stringer / Vein Sulphides - <i>Miner unit only</i>
SSG	Sulphides / Silicate Globules - <i>Miner unit only</i>

Other Geology	
ATZ	Alteration Zone
BLT	Basalt
BXR	Breccia Zone
HBX	Hydrothermal Breccia
SZ	Shear Zone
QV	Quartz Vein
SWK	Stockwork Zone
GOS	Gossan
MDS	Mud Seam
DVK	Dyke

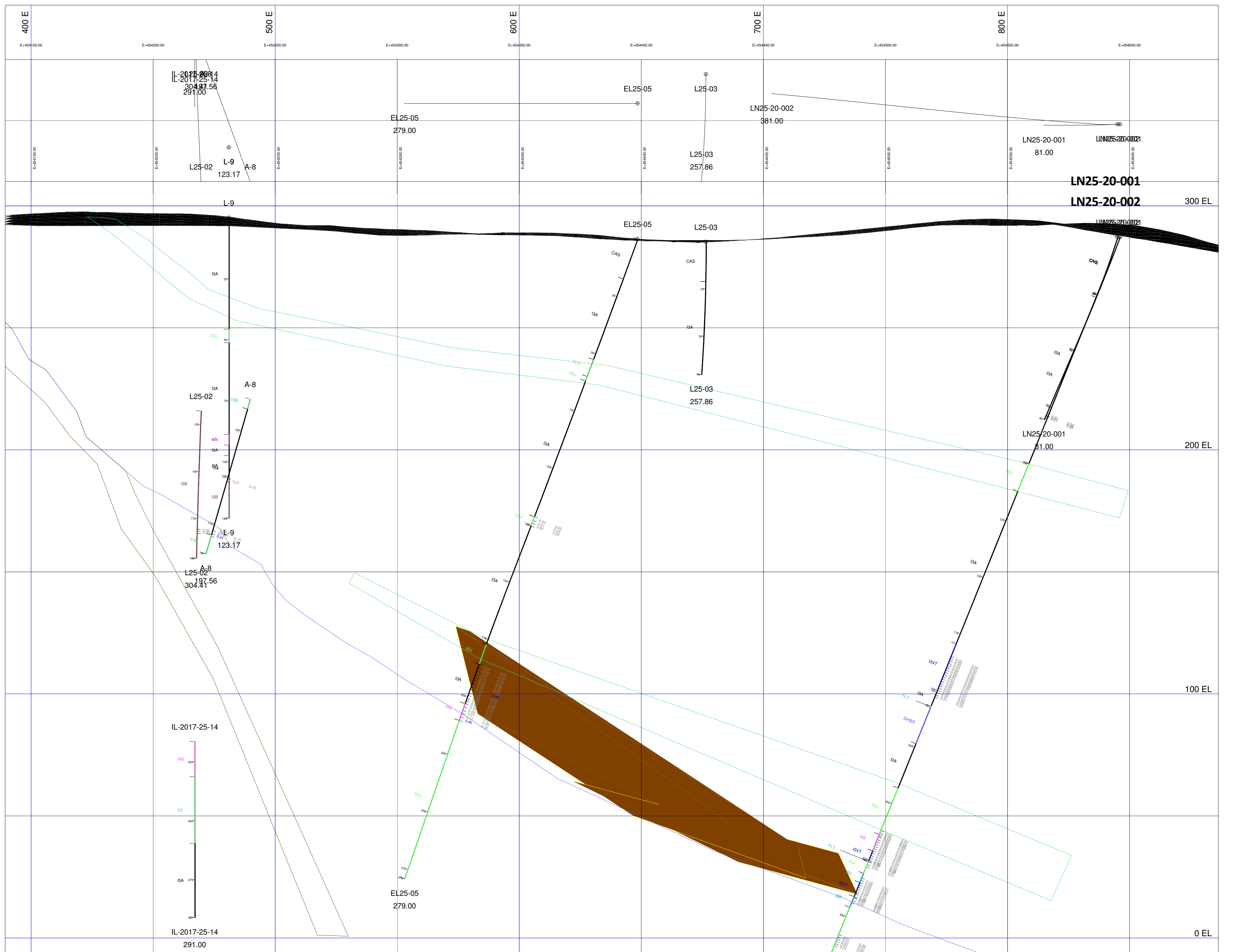
  

OTHER	
OVB	Overburden/detritus
CAS	Casing
LC	Lost Core
GC	Ground Core
ARC	Arc cutting for wedge
NR	Not Recorded (no unit(s) logged)
NREC	No record or unknown



**NORTH AMERICAN NICKEL**

**Loveland Nickel/Enid Creek**  
 2020 Drilling Loveland Nickel  
 LN25-20-001\_002  
 NAD83 217N Plan View w Section Line  
 Date: April 7, 2020



INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I1	Felsic intr. Rocks	V1	Felsic volcanic rocks
I1B	Granite	V1B	Rhyolite
I1C	Granodiorite	V1C	Rhyodacite
I1D	Tonalite	V1D	Dacite
I1F	Apfite		
I1G	Pegmatite		
I1GS	Flag Stockwork / Breccia		
I1H	Granophyre		
I1P	Felsic porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I2	Intermediate (undef.)	V2	Intermediate volc. rocks
I2C	Quartz syenite	V2C	Quartz trachyte
I2D	Syenite	V2D	Trachytic Andesite
I2E	Quartz monzonite	V2E	Quartz latite
I2F	Monzonite	V2F	Latite
I2G	Quartz Monzonite	V2G	Andesite
I2H	Monzonite		
I2I	Quartz Diorite		
I2J	Diorite		
I2K	Monzonite		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3	Mafic intrusive rocks	V3	Mafic volcanic rocks
I3A	Gabbro	V3A	Andesitic basalt
I3B	Diorite	V3B	Basalt
I3C	Monzogabbro	V3C	Basalt with quartz
I3D	Ferrogabbro	V3D	Trachybasalt
I3E	Gabbro with quartz	V3E	Basalt with olivine
I3F	Diorite with quartz	V3F	Magnesian basalt
I3G	Anorthosite	V3G	Picrite
I3H	Gabbroic anorthosite		
I3HX	Heterolithic Gabbro Bc.		
I3I	Leucogabbro		
I3MA	Melagabbro		
I3J	Norite		
I3K	Norite with Magnetite		
I3L	Inclusion Bearing Norite		
I3M	Melanorite		
I3N	Gabbro with Magnetite		
I3P	Norite with Magnetite		
I3Q	Gabbro with olivine		
I3R	Norite with olivine		
I3S	Mafic lamprophyre		
I3P	Mafic porphyry		
I3T	Troctolite		
I3VT	Gabbro Varitextured		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I4	Ultramafic/ultrabasic	V4	Volcanic
I4A	Hornblende	V4A	Komatite
I4B	Pyroxenite	V4B	Pyroxenitic komatite
I4C	Clinopyroxenite	V4C	Pseudotachitic komatite
I4E	Orthopyroxenite	V4E	Dunite komatite
I4F	Clinopyrox w. olivine		
I4H	Orthopyrox w. olivine		
I4I	Peralite		
I4M	Dunite		
I4N	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonatite		

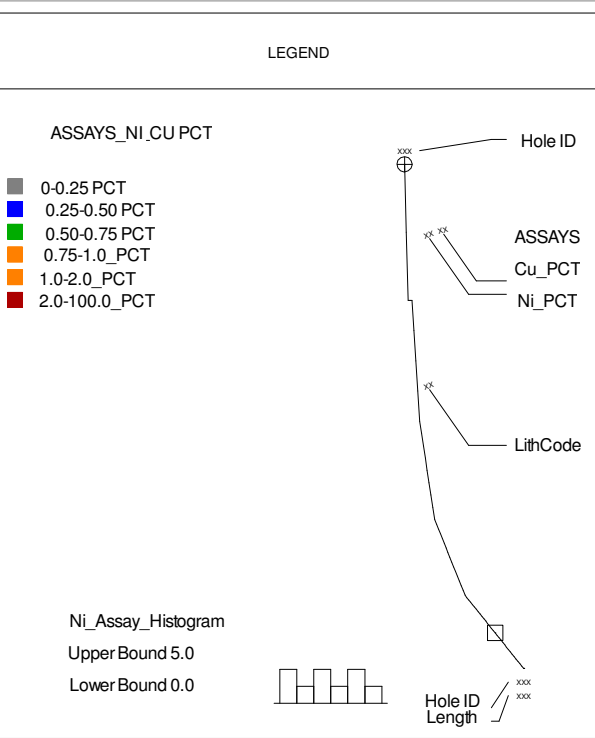
### 2020 NAN ROCK CODES

SEDIMENTARY ROCKS		MIX CLASTIC ROCKS	
S	Undifferentiated Sed.	VS	Volcanosedimentary
S1	Sandstone	VS1	VS of felsic compo.
S10	Chert	VS2	VS of intermediate c
S10A	Oxide chert	VS3	VS of mafic comp.
S10B	Carbonate chert		
S10C	Silicate chert	SSA	Monogenic breccia
S10D	Sulphide chert	SSB	Mono 'clast sup' brecc
S10E	Carbon/graphitic chert	SSC	Mono 'matrix sup' brecc
S10F	Chert ferruginous	SSD	Polygenic breccia
S11	Falschale	SSE	Poly 'clast sup' breccia
S12	Evaporite	SSF	Poly 'matrix sup' breccia
S1A	Quartzitic sandstone	S6	Mudrock
S1B	Feldspathic sandstone	S6A	Siltstone
S1C	Arkose	S6B	Argillite
S1D	Arkose sandstone	S6C	Graphitic Argillite
S1E	Lithic sandstone	S6D	Mudstone
S2	Arenite	S7	Limestone
S2A	Quartzitic arenite	S7A	Calclite (clay)
S2B	Feldspathic arenite	S7B	Calclite (silt)
S2C	Arkose	S7C	Calcareite (sand)
S2D	Arkose arenite	S7D	Calcareite (pebble)
S2E	Lithic arenite	S8	Dolomite
S3	Wacke	S8A	Dololite
S3A	Quartzitic wacke	S8B	Dololite
S3B	Feldspathic wacke	S8C	Dolarenite
S3C	Arkose	S8D	Dolorulite
S3D	Arkose wacke	S9	Iron formation
S3E	Lithic wacke	S9B	Oxide iron formation
S4	Conglomerate	S9C	Carbonate iron formation
S4A	Monogenic conglom.	S9D	Silicate iron formation
S4B	Mono. 'clast sup' cong	S9E	Sulphide iron formation
S4C	Mono. 'matrix sup' cong		

METAMORPHIC ROCKS		Other Geology	
M	Metamorph/tectonic	ATZ	Alteration Zone
M1	Gneiss	FLT	Fault
M10	Paraschist	BRZ	Breccia Zone
M11	Phyllite	HFX	Hydrothermal Breccia
M12	Quartzite	SZ	Shear Zone
M13	Marble	QV	Quartz Vein
M14	Calc Silicate / Skarn	SWR	Stockwork Zone
M15	Metasomatic rock	IGS	Gossan
M16	Amphibolite	MDS	Mud Seam
M17	Ecolite	MNCX	Metamorphic Intrusive
M18	Hornfels	M20	Banded gneiss
M19	Mafic Gneiss	M21	Metaxenite
M20	Banded gneiss	M22	Diatexite
M21	Metaxenite	M23	Magnetite
M22	Diatexite	M24	Cataclastite
M23	Magnetite	M25	Mylonite
M24	Cataclastite	M26	Tectonic breccia
M25	Mylonite	M27	Impure Quartzite (Feldspathic)
M26	Tectonic breccia	M28	Pelite
M27	Impure Quartzite (Feldspathic)	M29	Sulphidic Metasediment
M28	Pelite	M3	Orthogneiss
M29	Sulphidic Metasediment	M4	Paragneiss
M3	Orthogneiss	M5	Quartzofelds. gneiss
M4	Paragneiss	M6	Granitic gneiss
M5	Quartzofelds. gneiss		
M6	Granitic gneiss		

SULPHIDES	
MS	Massive Sulphides (>75%)
SMRKSUL	Semi-Massive Breccia Sulphides (25-75%)
BKSUL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - Minor only
DIS	Disseminated Sulphides (5-15%) - Minor only
ST/UN	Sulphides / Vein Sulphides - Minor only
SSG	Sulphides / Silicate Globules - Minor only

OTHER	
OVB	Overburden/detritus
CAS	Casing
LC	Lost Core
GC	Ground Core
ARC	Arc cutting for wedge
NR	Not recorded (no units) logged
NREC	No record or unknown



Scale 1:1000

**NORTH AMERICAN NICKEL**

**Loveland Nickel/Enid Creek**

2020 Drilling Loveland Nickel

LN25-20-001\_002 w Quantec BHEM

NAD83 Z17N Section at 090 looking North +/-25m

Date: April 7, 2020



January-March 2020 Drill program      holes LN25-20-001, 002  
 Loveland Twp      claim 216697  
 meters drilled report      462.00  
 meters in filing      150.00

	costs	meters in report	cost per meter
drilling costs	40,716.41		
hole survey	837.50		
	<hr/>		
	41,553.91	462	89.94
assay costs	5,366.92	462	11.62
flight	977.05		
vehicle rental	1,757.11		
fuel	728.44		
	<hr/>		
Personal Transportation	3,462.60	462	7.49
supplies	326.94	462	0.71
rental	4,850.00	462	10.50
food	1,666.49	462	3.61
lodging	5,079.32	462	10.99
Personal	28,465.14	462	61.61
	<hr/>		
total costs for program	90,771.32		

filing 1      LN25-20-001      81 meters  
                  LN25-20-002      69 meters

	costs	meters in report	cost per meter	total for filing
drilling costs	40,716.41			
hole survey	837.50			
	<hr/>			
	41,553.91	150	89.94	13,492
assay costs	5,366.92	150	11.62	1,743
flight	977.05			
vehicle rental	1,757.11			
fuel	728.44			
	<hr/>			
Personal Transportation	3,462.60	150	7.49	1,124
supplies	326.94	150	0.71	106
rental	4,850.00	150	10.50	1,575
food	1,666.49	150	3.61	541
lodging	5,079.32	150	10.99	1,649
Personal	28,465.14	150	61.61	9,242
	<hr/>			
total costs for program	90,771.32			<hr/> 29,471

January-March 2020 Drill program      holes LN25-20-001, 002  
 Loveland Twp      claim 216697  
 meters drilled in report      462.00  
 meters in filing (filing 2)      150.00

	costs	meters in report	cost per meter
drilling costs	40,716.41		
hole survey	837.50		
	<hr/>		
	41,553.91	462	89.94
assay costs	5,366.92	462	11.62
flight	977.05		
vehicle rental	1,757.11		
fuel	728.44		
	<hr/>		
Personal Transportation	3,462.60	462	7.49
supplies	326.94	462	0.71
rental	4,850.00	462	10.50
food	1,666.49	462	3.61
lodging	5,079.32	462	10.99
Personal	28,465.14	462	61.61
	<hr/>		
total costs for program	90,771.32		

filing 1      LN25-20-001      81 meters      ( 0 to 81 meters)  
                   LN25-20-002      69 meters      (0 to 69 meters)  
 filing 2      LN25-20-002      150 meters      ( 70 to 220 meters)

	costs	meters in report	cost per meter	total for filing
drilling costs	40,716.41			
hole survey	837.50			
	<hr/>			
	41,553.91	150	89.94	13,492
assay costs	5,366.92	150	11.62	1,743
flight	977.05			
vehicle rental	1,757.11			
fuel	728.44			
	<hr/>			
Personal Transportation	3,462.60	150	7.49	1,124
supplies	326.94	150	0.71	106
rental	4,850.00	150	10.50	1,575
food	1,666.49	150	3.61	541
lodging	5,079.32	150	10.99	1,649
Personal	28,465.14	150	61.61	9,242
	<hr/>			
total costs for program	90,771.32			<hr/> 29,471

January-March 2020 Drill program      holes LN25-20-001, 002  
 Loveland Twp      claim 216697  
 meters drilled in report      462.00  
 meters in filing (filing 3)      50.00

	costs	meters in report	cost per meter
drilling costs	40,716.41		
hole survey	<u>837.50</u>		
	41,553.91	462	89.94
assay costs	5,366.92	462	11.62
flight	977.05		
vehicle rental	1,757.11		
fuel	<u>728.44</u>		
Personal Transportation	3,462.60	462	7.49
supplies	326.94	462	0.71
rental	4,850.00	462	10.50
food	1,666.49	462	3.61
lodging	5,079.32	462	10.99
Personal	28,465.14	462	61.61
total costs for program	<u>90,771.32</u>		

filing 1      LN25-20-001      81 meters      ( 0 to 81 meters)  
                  LN25-20-002      69 meters      (0 to 69 meters)  
 filing 2      LN25-20-002      150 meters      ( 70 to 220 meters)  
 filing 3      LN25-20-002      50 meters      (221 to 270 meters)

	costs	meters in report	cost per meter	total for filing
drilling costs	40,716.41			
hole survey	<u>837.50</u>			
	41,553.91	50	89.94	4,497
assay costs	5,366.92	50	11.62	581
flight	977.05			
vehicle rental	1,757.11			
fuel	<u>728.44</u>			
Personal Transportation	3,462.60	50	7.49	375
supplies	326.94	50	0.71	35
rental	4,850.00	50	10.50	525
food	1,666.49	50	3.61	180
lodging	5,079.32	50	10.99	550
Personal	28,465.14	50	61.61	3,081
total costs for program	<u>90,771.32</u>			<u>9,824</u>