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**Final Report on Feb 2020 Diamond Drilling  
Holes LN25-20-001, 002, 003, 004**

**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 20, 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
VMS	Volcanogenic Massive Sulphide
A.I.	Alteration Index (Ishkikawa Index)
C.C.P.I.	Chlorite-Carbonate-Pyrite Index

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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

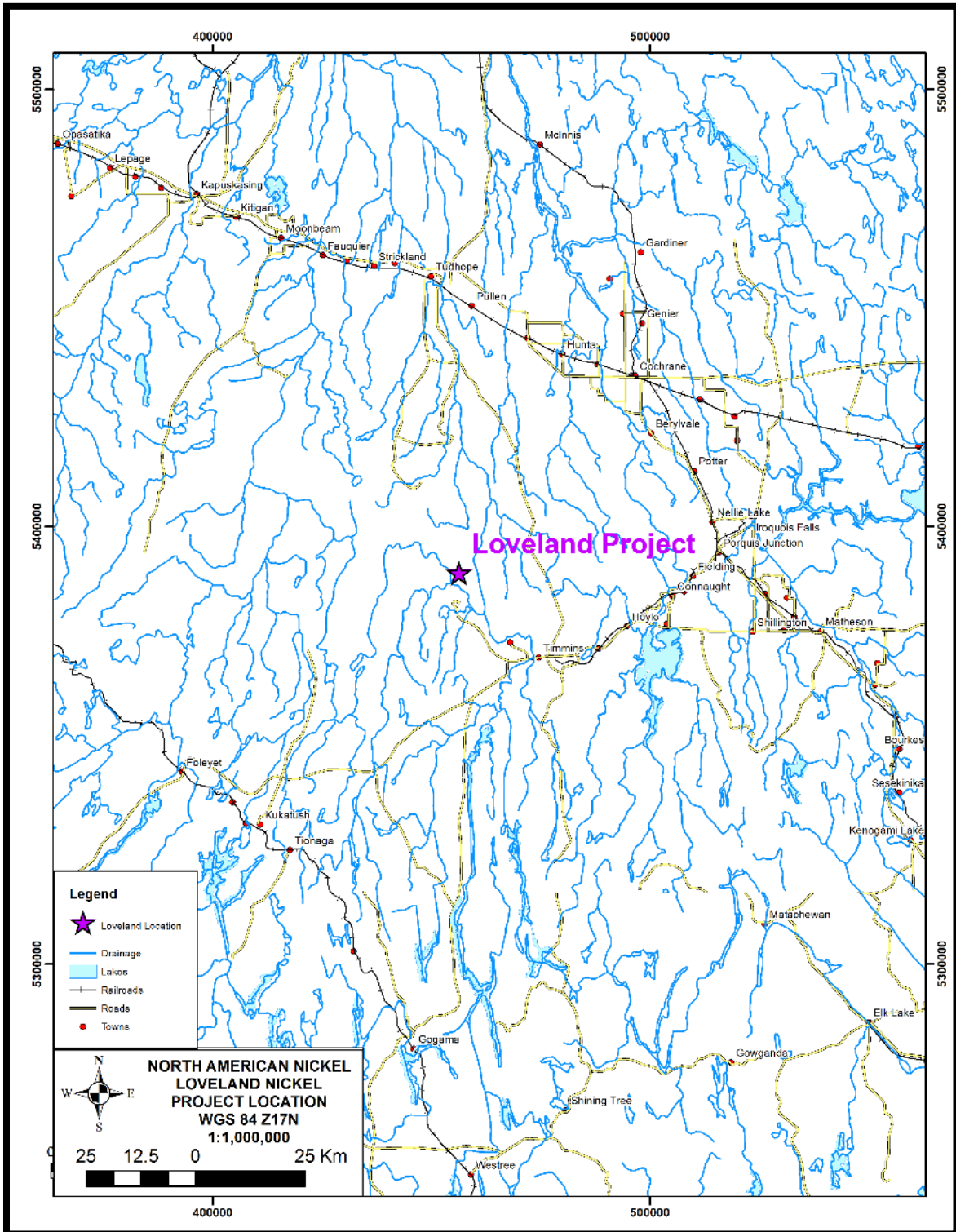


Figure 1. Generalized map illustrating the location of the Loveland property.



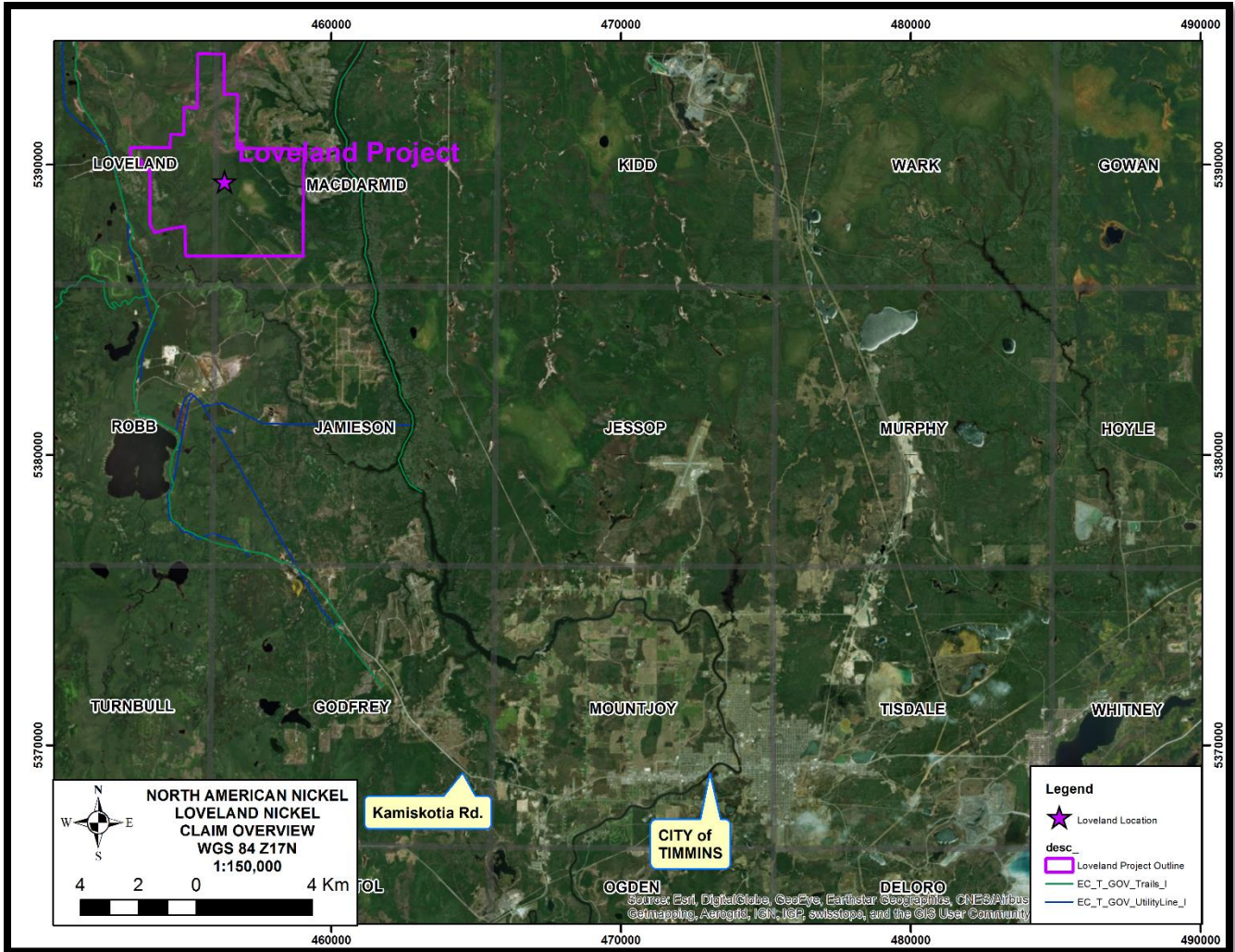


Figure 2. Project Location for Loveland Nickel

### 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

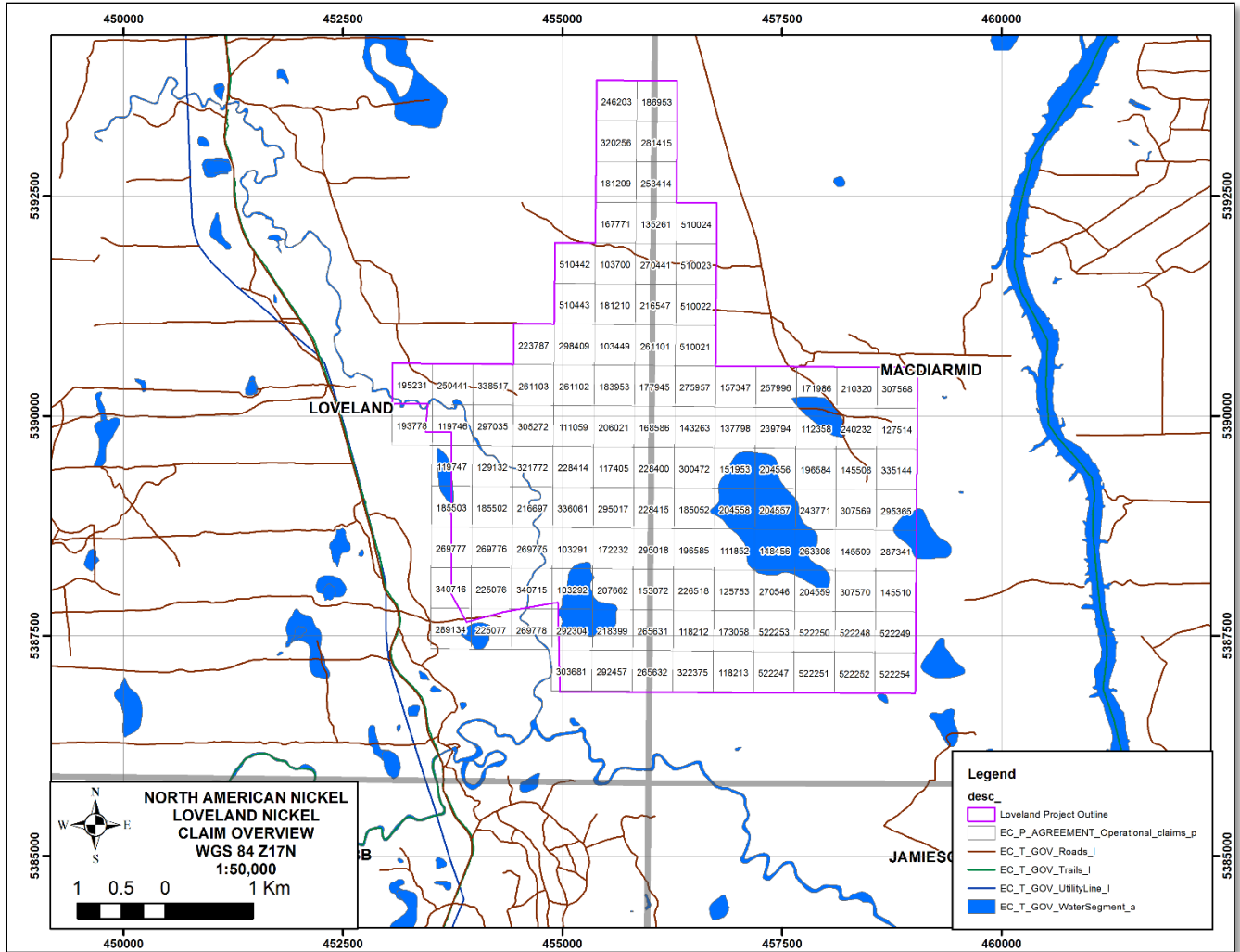


Figure 3. Overview of claims located in LOVELAND & MACDIARMID Townships.

### 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

<b>YEAR</b>	<b>COMPANY</b>	<b>TOWNSHIP/GENERAL LOCATION</b>	<b>ASSESSMENT ID</b>	<b>DESCRIPTION OF WORK</b>
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, and 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 MNM Recommendation 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 1988 Falconbridge staked claims over the historic Enid Creek mineralization with no underlying interest.

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 Property was optioned by Falconbridge 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. WMC terminated the joint venture with Moneta Porcupine.

Falconbridge terminated the Moneta Porcupine agreement in 1998 and entered a 'letter of intent' with Explorers Alliance Corporation.

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, 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.

In 2006, Xstrata took over Falconbridge and abandoned the Enid Creek property, thus, transferring its claims to Explorers Alliance/International Explorers with a zero back-in or NSR.

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;

Date	Project	Activity
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 report will summarize holes LN25-20-001 & 002 as they were previously reported, as well as, report on holes LN25-20-003 & 004.

As a review, LN25-20-001 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 'CRM' /blanks. Eleven whole rocks were taken from this hole.

Hole LN25-20-003 was completed to a depth of 378m with 125 core samples, nine whole rocks and fourteen QAQC crm/blanks were sent to the lab.

Hole LN25-20-004 was drilled to a depth of 246m with 112 core samples, ten whole rocks and fifteen QAQC crm/blanks were delivered to the lab.

## 1.7 2020 Personnel

Sharon Taylor (Chief Geophysicist) North American Nickel  
Qualifications: M.Sc.; P.Geo;  
Days Worked: 12 billable days through January 27 to April 13 2020  
Jan 22 and 23 already accounted for in previous assessment report and will not be included in costing of this assessment.

<b>Date</b>	<b>Project</b>	<b>Activity</b>
22/01/2020	Loveland Nickel	fixing errors in database
23/01/2020	Loveland Nickel	targeting ddh
27/01/2020	Loveland Nickel	arrange for survey crew and contract negotiation
29/01/2020	Loveland Nickel	contract negotiation
28/02/2020	Loveland Nickel	survey specifications, loop design
05/03/2020	Loveland Nickel	survey specifications, loop design
13/03/2020	Loveland Nickel	crew supervision
16/03/2020	Loveland Nickel	crew supervision
17/03/2020	Loveland Nickel	crew supervision, QAQC on data
18/03/2020	Loveland Nickel	crew supervision, QAQC, preliminary interpretation on data
23/03/2020	Loveland Nickel	crew supervision, QAQC, preliminary interpretation on data
24/03/2020	Loveland Nickel	crew supervision, QAQC, preliminary interpretation on data
02/04/2020	Loveland Nickel	modeling of BHEM data
13/04/2020	Loveland Nickel	reporting

James Sparling (Project Manager) North American Nickel

Qualifications: P.Geo; MBA

Days Worked: 14 billable days through Feb 23 to March 7 2020

Jan to Feb 22<sup>nd</sup> already accounted for in previous assessment report and will not be included in costing of this assessment.

<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
23/02/2020	Loveland Nickel	Log Core
24/02/2020	Loveland Nickel	Log Core
25/02/2020	Loveland Nickel	Log Core
26/02/2020	Loveland Nickel	Log Core
27/02/2020	Loveland Nickel	Log Core
28/02/2020	Loveland Nickel	Log Core
29/02/2020	Loveland Nickel	Log Core
01/03/2020	Loveland Nickel	Log Core
02/03/2020	Loveland Nickel	Log Core
03/03/2020	Loveland Nickel	Log Core
04/03/2020	Loveland Nickel	Log Core
05/03/2020	Loveland Nickel	Log Core
06/03/2020	Loveland Nickel	Pack Up and Fly to Toronto
07/03/2020	Loveland Nickel	Fly Toronto to Kelowna

Gerry Katchen (Senior Geologist) North American Nickel

Qualifications: P.Geol.

Days Worked: 21 billable days through February 23<sup>rd</sup> to April 20 2020

Jan to Feb 22<sup>nd</sup> already accounted for in previous assessment report and will not be included in costing of this assessment.

<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
23/02/2020	Loveland Nickel	Log Core
24/02/2020	Loveland Nickel	Log Core
25/02/2020	Loveland Nickel	Log Core
26/02/2020	Loveland Nickel	Log Core
27/02/2020	Loveland Nickel	Log Core
28/02/2020	Loveland Nickel	Log Core
29/02/2020	Loveland Nickel	Log Core
01/03/2020	Loveland Nickel	Log Core
02/03/2020	Loveland Nickel	Log Core
03/03/2020	Loveland Nickel	Log Core
04/03/2020	Loveland Nickel	Log Core
05/03/2020	Loveland Nickel	Log Core
06/03/2020	Loveland Nickel	Log Core
07/03/2020	Loveland Nickel	Environmental Inspection and Sign Off Clean up Core Shack
08/03/2020	Loveland Nickel	Drive with core to Sudbury, deliver core and review with Peter
09/03/2020	Loveland Nickel	Drive from Sudbury to Thunder Bay
14/04/2020	Loveland Nickel	Assessment Report Compilation and Writing
15/04/2020	Loveland Nickel	Assessment Report Compilation and Writing
16/04/2020	Loveland Nickel	Assessment Report Compilation and Writing
17/04/2020	Loveland Nickel	Assessment Report Compilation and Writing
20/04/2020	Loveland Nickel	Assessment Report Compilation and Writing

Dr. Mark Fedikow (President) North American Nickel

Qualifications: Ph.D; P.Geo.

Days Worked: 3 billable days through February 23<sup>rd</sup> to April 20 2020

<b>Date</b>	<b>Project</b>	<b>Activity</b>
16/04/2020	Loveland Nickel	Loveland Nickel Project Geochemistry
17/04/2020	Loveland Nickel	Loveland Nickel Project Geochemistry
20/04/2020	Loveland Nickel	Loveland Nickel Project Geochemistry

## 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.

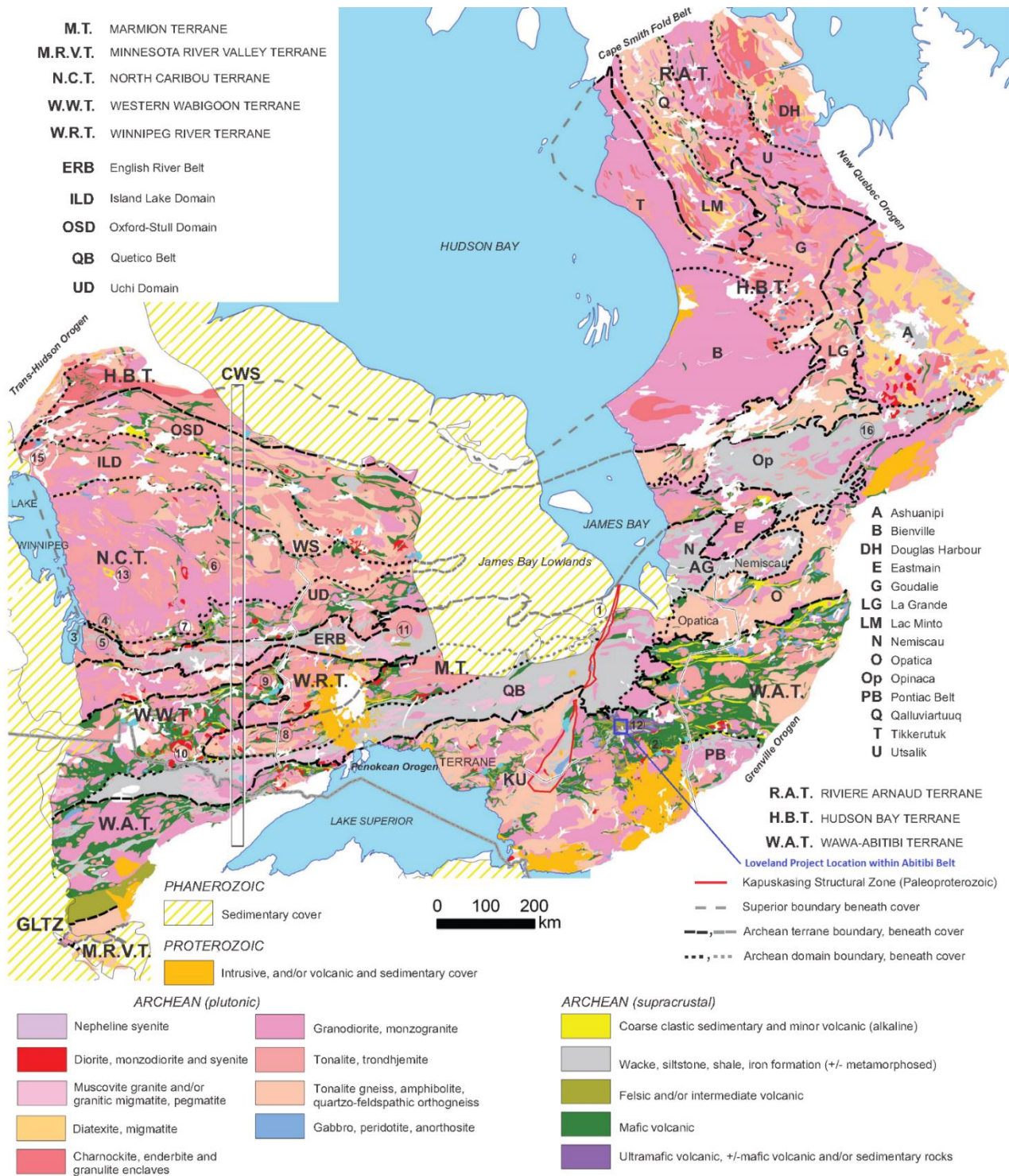


Figure 4. Geology of the Superior Province from Percival et al. 2012.

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



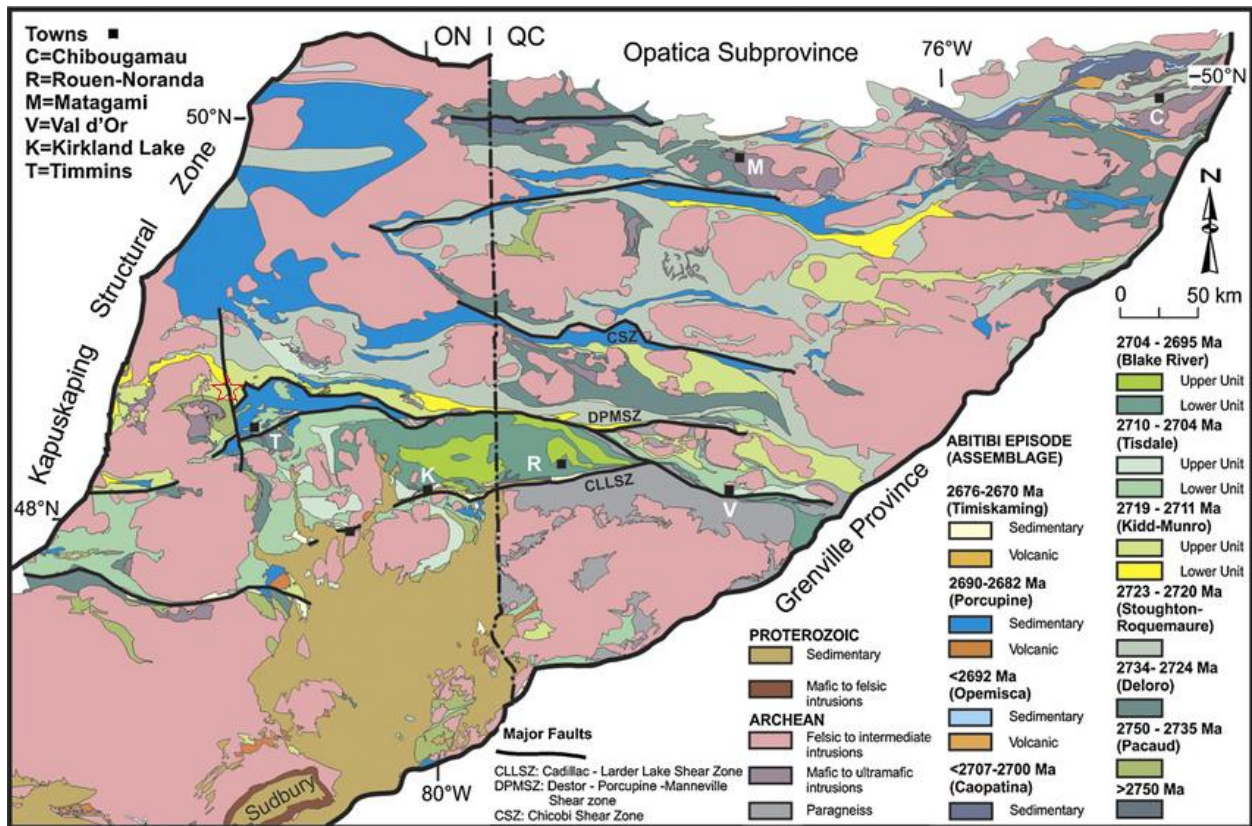


Figure 5. Geology compilation map of the Abitibi Subprovince, Canada.  
 Adapted from Thurston et al. (2008). Red Star notes approximate location of Loveland Property.

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.

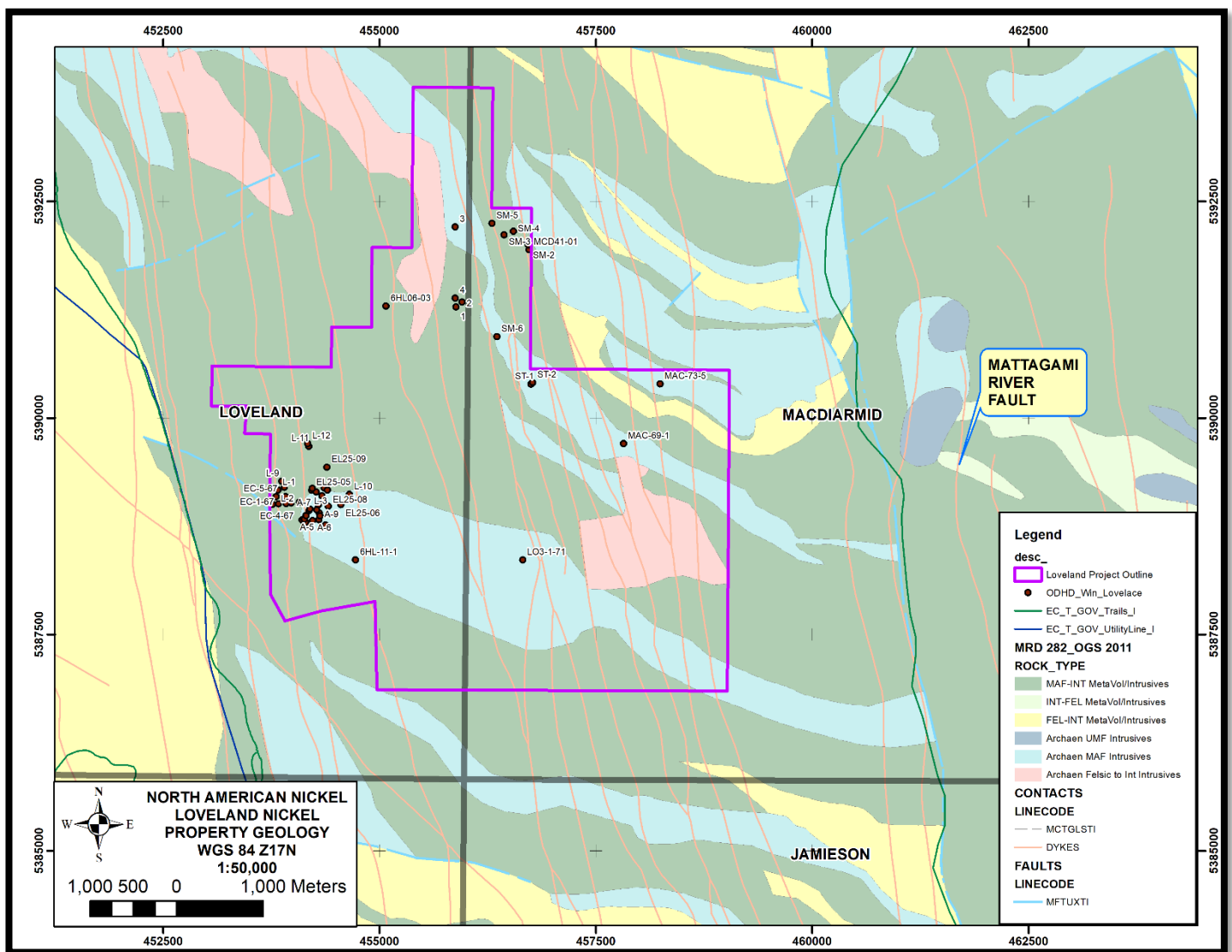


Figure 6. Property Geology compiled from OGS\_2011/MRD 282

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.

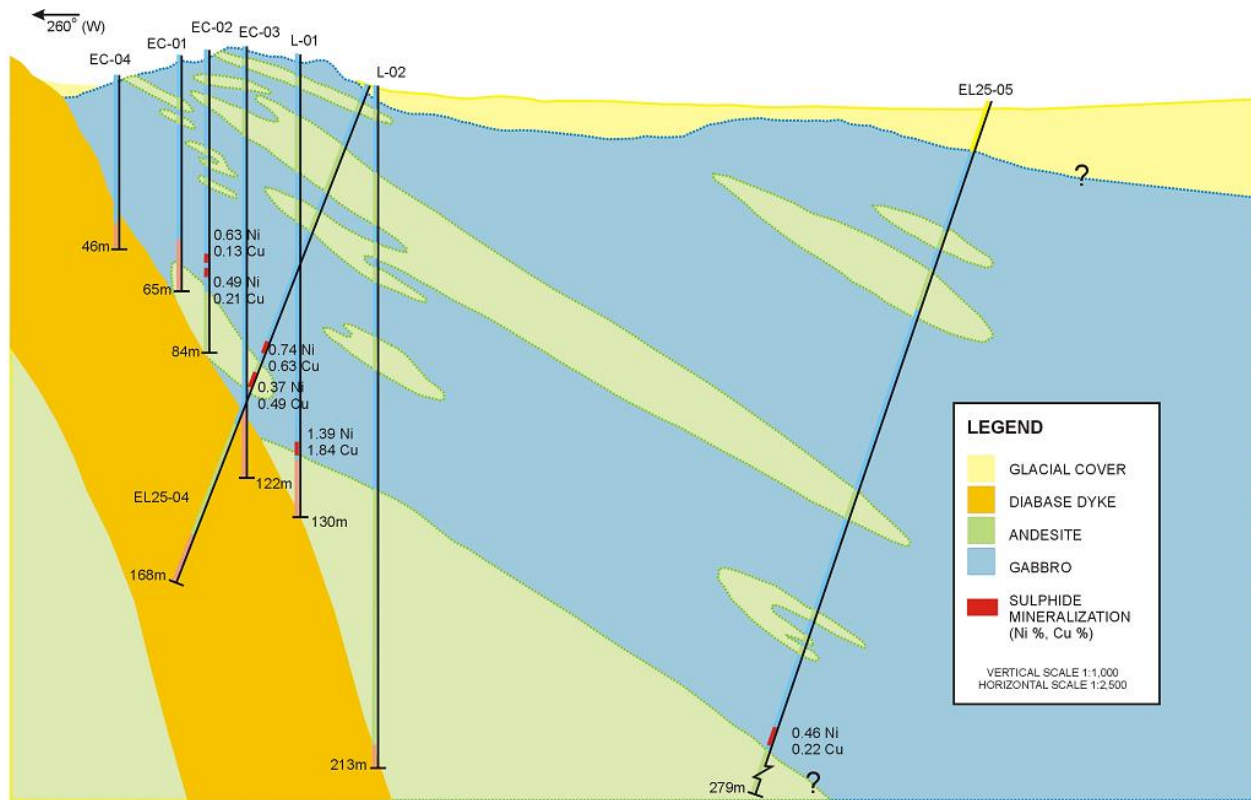


Figure 7. Theoretical X-Section looking North (+/- 35m) through Mid Portion of Enid Creek Gabbro. EC-4 Collar 5389011N 454146E; EL25-05 Collar 5389085N 454401E

### 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 executed a 1,086m drill program on its Loveland Project (See Figure 8). 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.

Core was sawn in half and half-core was sent for analysis. A standard rock package for processing was used (PREP-31). The entire samples was crushed to better than 70% passing -2mm. Riffle Split off 250g and pulverize split to better than 85% passing 75 microns.

Analysis for hole LN25-20-004 was by the following:

- PGM-ICP23: Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight
- ME-ICP61a: Four acid digestion "Near Total", not all elements are quantitatively extracted in some sample matrices.
  - As, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Mf, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn

Analysis for hole LN25-20-001, 002 and 003 was by the following:

- PGM-ICP23: Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight
- ME-ICP81: Sodium Peroxide Fusion/ICP Finish.
  - Al<sub>2</sub>O<sub>3</sub>, As, CaO, Co, Cr<sub>2</sub>O<sub>3</sub>, Cu, Fe<sub>2</sub>O<sub>3</sub>, K<sub>2</sub>O, MgO, MnO, Ni, Pb, S, SiO<sub>2</sub>, TiO<sub>2</sub>, Zn

Samples obtained for Whole Rock Analysis for hole LN25-20-001, 002, 003 and 004 was by the following:

- PGM-ICP23: Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight
- ME-ICP81: Sodium Peroxide Fusion/ICP Finish.
  - Al<sub>2</sub>O<sub>3</sub>, BaO, CaO, Cr<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, K<sub>2</sub>O, MgO, MnO, Na<sub>2</sub>O, P<sub>2</sub>O<sub>5</sub>, SiO<sub>2</sub>, SrO TiO<sub>2</sub>, LOI
- ME-MS81: Trace & Rare Earth Elements by Lithium Borate Fusion.
  - Ba, Ce, Cr, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Nb, Nd, Pr, Rb, Sm, Sn, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zr
- ME-4ACD81: Four acid digestion and ICP-AES
  - Ag, As, Cd, Co, Cu, Li, Mo, Ni, Pb, Sc, Tl, Zn
- S-IR08: Total Sulphur (IR Spectroscopy)

Holes were originally spotted with a handheld Garmin GPS. Due to the presence of magnetic Matachewan aged Diabase dykes in the area, Azimuth on 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. When possible, the collar azimuth and dip were used from the initial north-seeking collar shot completed by the Reflex Sprint Gyro (See Table 5).

*Table 5 2020 Drilling Coordinates and Azimuth/Dip*

HOLE-ID	LOCATIONX	LOCATIONY	LOCATIONZ	LENGTH	PROJECTION	AZIMUTH	DIP	COMMENTS	CLAIM_NO
LN25-20-001	454596.10	5389078.46	287.23	81.00	NAD83 Z17N	267.60	-69.00	APS II	216697
LN25-20-002	454595.10	5389078.45	287.23	381.00	NAD83 Z17N	267.37	-71.75	GYRO	216697
LN25-20-003	455111.83	5388591.54	286.36	378.00	NAD83 Z17N	218.39	-56.34	GYRO	103291
LN25-20-004	454210.80	5389805.20	290.27	246.00	NAD83 Z17N	202.70	-55.00	APS II	297035

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.

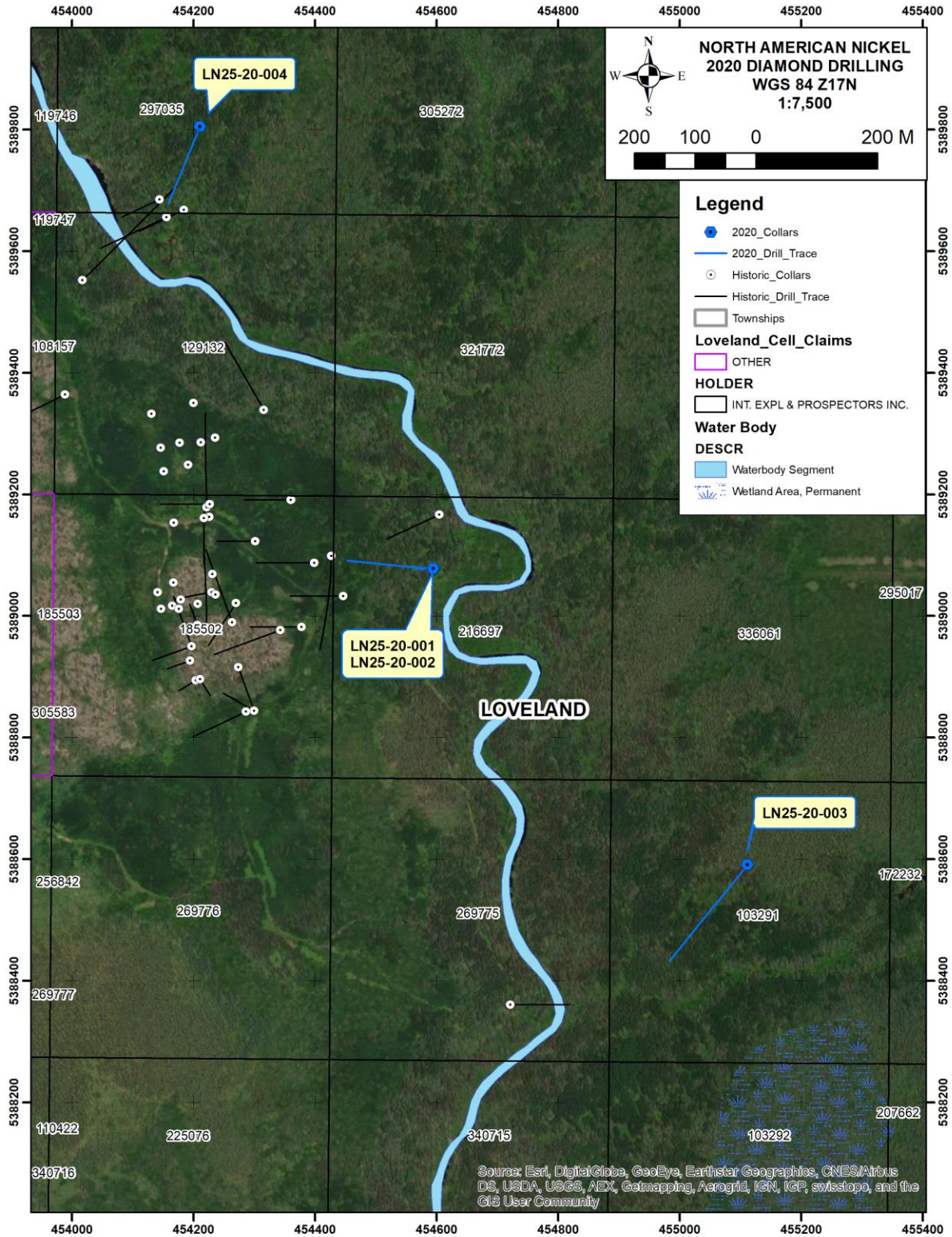


Figure 8 2020 DDH Collar and Traces with Cell Claim Outlines. Loveland Project

This report documents the winter 2020 drilling and borehole EM survey program in its entirety. Two holes, LN25-20-001 and LN25-20-002 will be summarized and included even though the drill results were previously reported. Holes LN25-20-003 and LN25-20-004 will be reviewed and results collated.

## 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, eleven whole rocks and 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.

The third hole LN25-20-003 was successfully completed to a depth of 378m. One hundred twenty five core samples, nine whole rocks and were taken along with fourteen QAQC. The hole had a downhole gyro survey completed by IMDEX/REFLEX Personnel. Crone Geophysics came to survey the hole but found it to be blocked at a depth of 75m, therefore, the hole was not pulsed.

The fourth hole LN25-20-004 was successfully completed to a depth of 246m. One hundred twelve core samples, ten whole rocks and were taken along with fifteen QAQC. Due to the end of hole depth being shorter, there was not a downhole gyro survey completed but an end of hole Reflex Multi-Shot every 9m by NPLH Personnel. The hole was not blocked and a borehole EM survey was completed 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 9 & 10 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 within the drill core although, 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)

The hole was pulsed by Crone Geophysics utilizing their borehole electromagnetic system. Refer to Section 4.2 Borehole Electromagnetics for interpretation of results and Appendix 8 for the Crone Borehole EM Logistics Report.

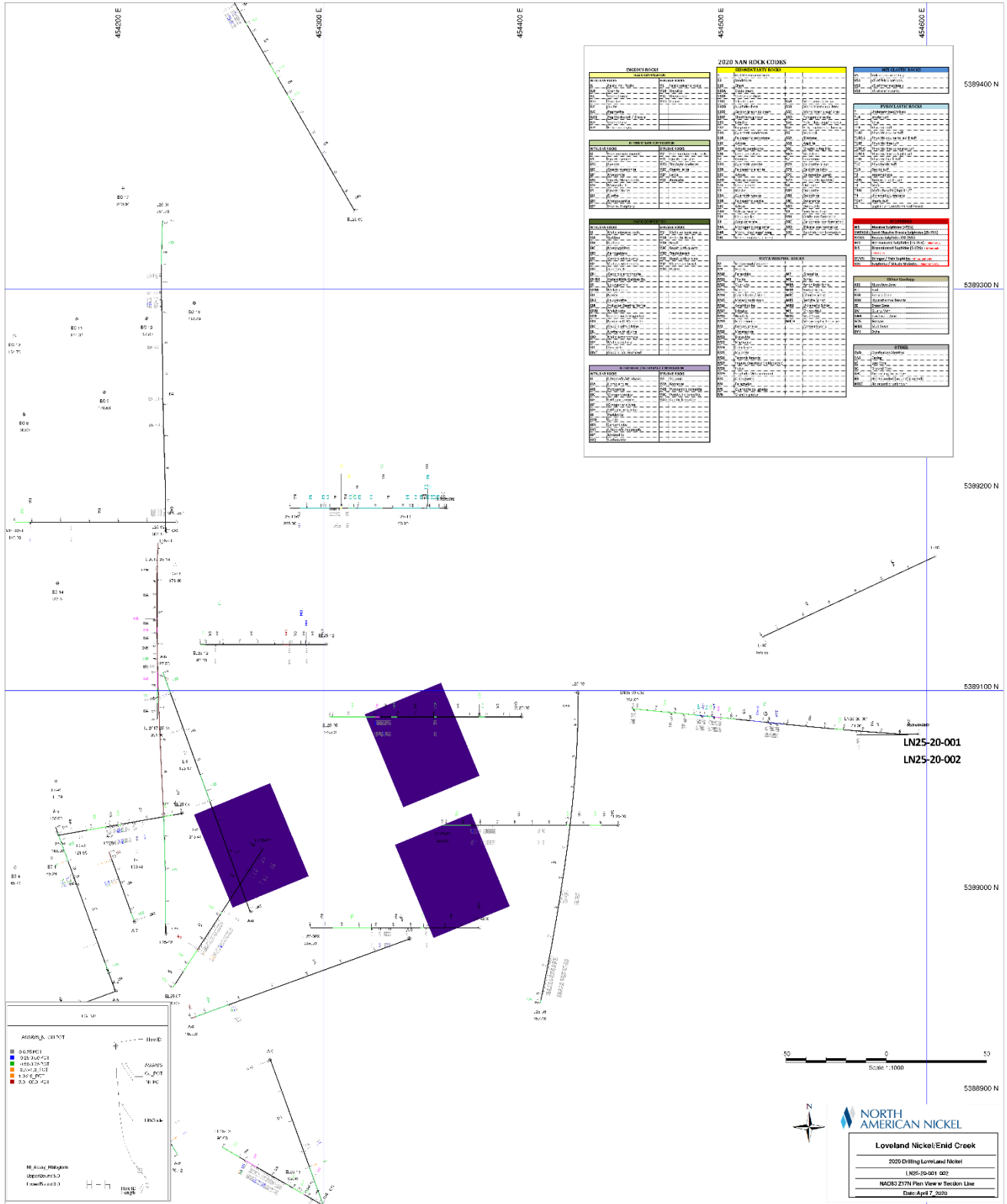


Figure 9. Plan View illustrating the LN25-20-001 & 002 down dip step-out from BHEM plates interpreted from 2000 Quantec surveys.  
 See Appendix 4 for full size 20x24 pdf.

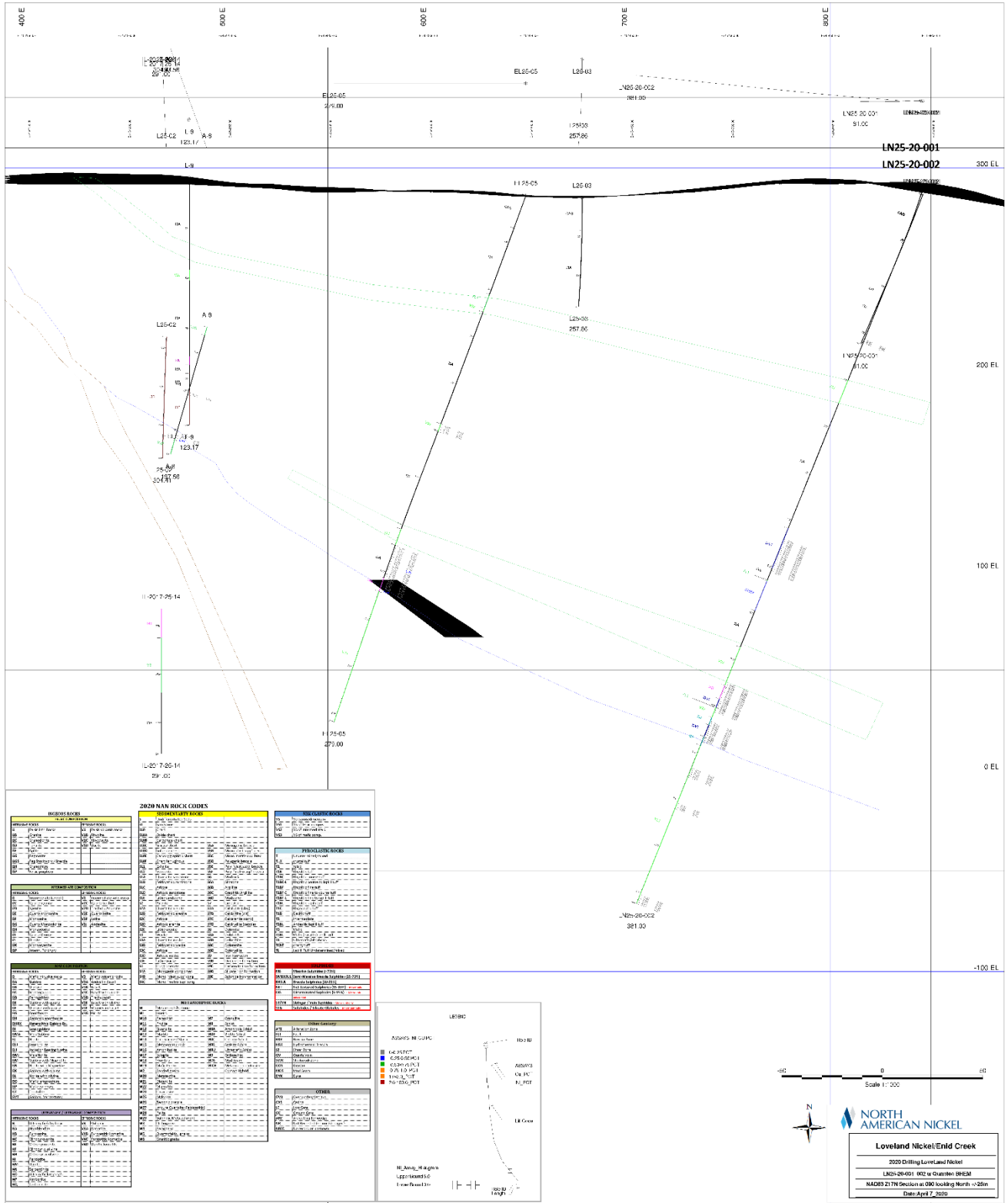


Figure 10. East-West Section View looking North. Illustrating the LN25-20-001 & 002 down dip step-out. See Appendix 4 for full size 20x24 pdf.

#### 4.1c LN25-20-003

Hole LN25-20-003 was targeting a suite of VTEM plates that had a strike orientation of roughly 324°, dipping moderate to steeply to the North East and has a combined strike length of 950m. The area around the borehole is swampy and, been subject to various surface geological interpretations. The area had zero historic drilling to confirm the various interpretations (mafic intrusion vs mafic/intermediate volcanics). The VTEM plate orientation is similar and was speculated that, if the geology was indeed gabbro, then the plates could represent the lower contact/mineralized horizons of the Enid Creek Gabbro.

LN25-20-003 was spotted on one of the central plates that made up the VTEM trend and had a target depth of roughly 345m. See Figure 11 & 12 for Plan View and Section View of drilling hole location and VTEM plate trend.





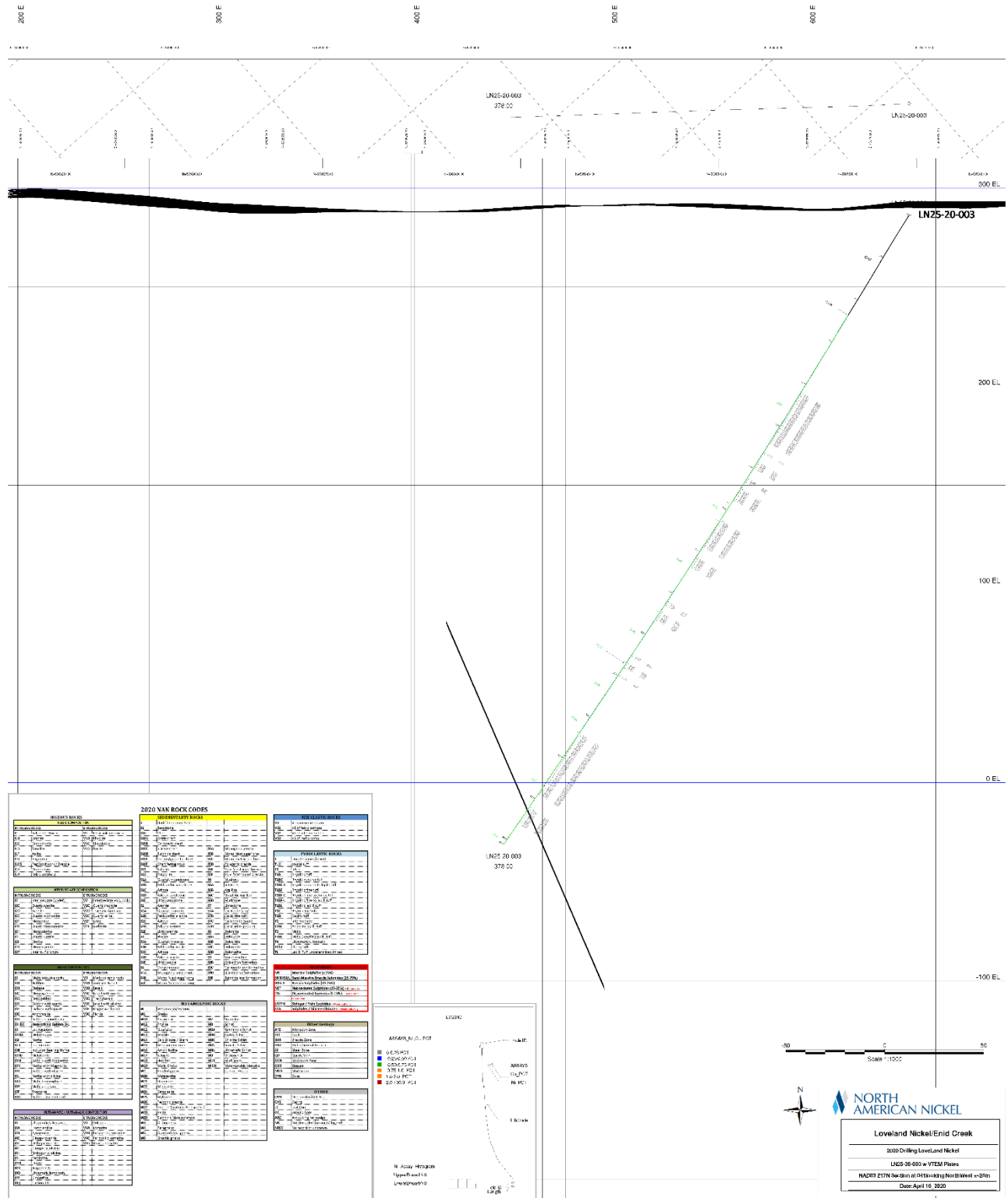


Figure 12. Section View oriented at 041 looking NorthWest. Illustrating the LN25-20-003 and VTEM Plate interception. See Appendix 4 for full size 20x24 pdf.

On February 23<sup>rd</sup>, the hole was cased to 60m with NQ coring commenced, down to a depth of 378m. The hole did not intercept a mafic intrusion but, cored through a mafic to intermediate volcanic suite. The hole cored into a basalt down to a depth of 268m, Andesitic Basalt down to a depth of 310m and then Andesite down to the end of hole depth (378m). See Figure 13 for TAS classification diagram on LN25-20-003 whole rocks recalculated to 100pct volatile free.

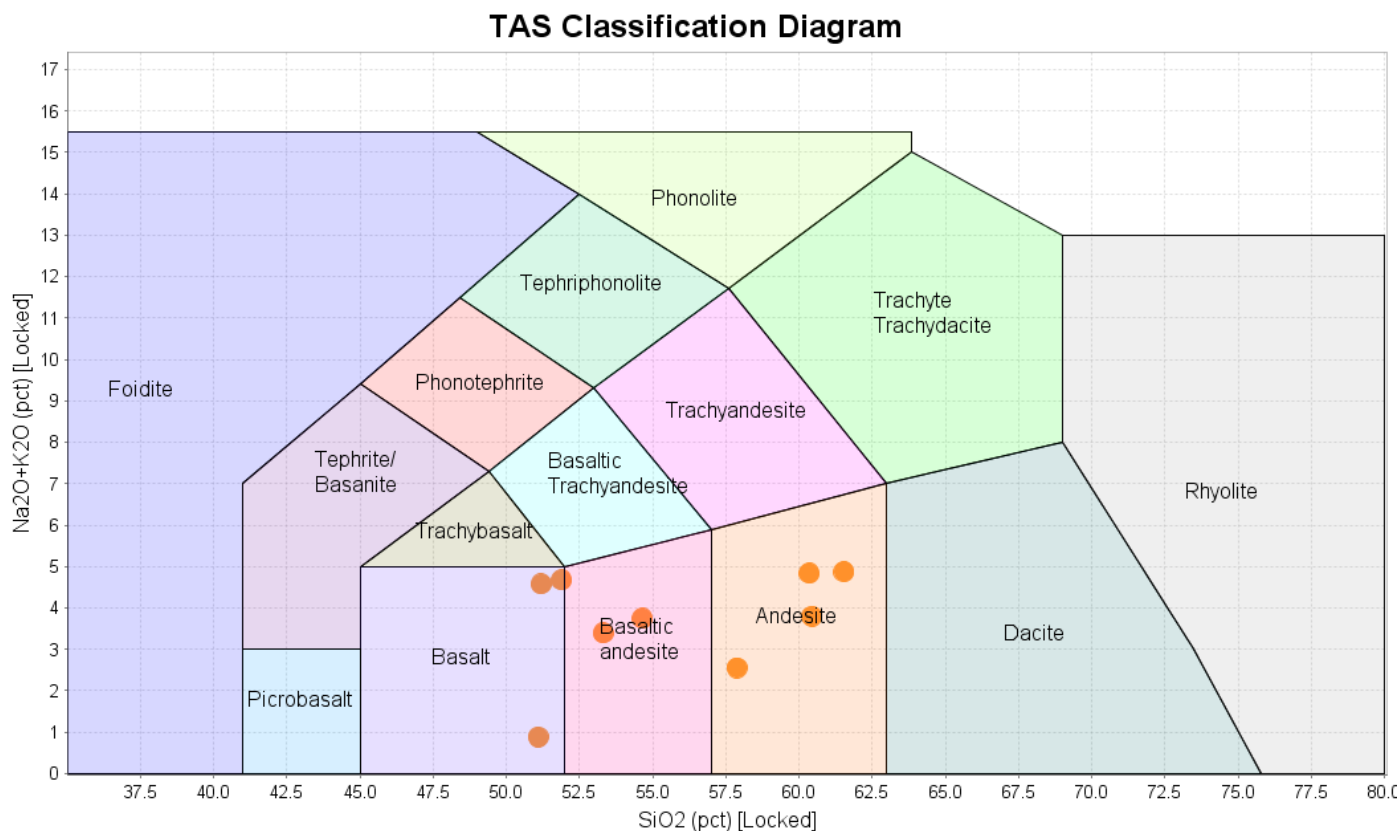


Figure 13. LN25-20-003 Total alkalis versus silica (Na<sub>2</sub>+K<sub>2</sub>O vs SiO<sub>2</sub>) general igneous rocks classification diagram. TAS Classification Diagram. Le Maitre, R. W. (1989). *A Classification of Igneous Rocks and Glossary of Terms. Recommendations of the IUGS Commission on the Systematics of Igneous Rocks.* Oxford: Blackwell.

Sulphide mineralization in LN25-20-003 was weak to moderate, spanning from 310m to 346m as disseminated to coarse clots and wisps of Chalcopyrite, Pyrrhotite, and Pyrite. Mineralization was the strongest (3-10%) within a continuous interval from 318 to 324m. No significant assays were returned.

No significant conductors were noted during logging in the core with exception of local thin cm thick semi massive to massive Pyrrhotite veining present from 337m to 344m and 359m to 366m.

Ishikawa Indices (AI) and Chlorite-Carbonate-Pyrite Indices (CCPI) were calculated on the whole rocks taken from LN25-20-003 to evaluate the level of alteration occurring within the lithologies.

Values for these indices (LN25-20-003) were 19-44 for the A.I. and 69-94 for the C.C.P.I. which indicate that no significant alteration zone related to the destruction of sodium feldspars has been intersected (Large et al., 2001). See Figures 14 below and see Appendix 9 for NAN summary of Geochemistry.

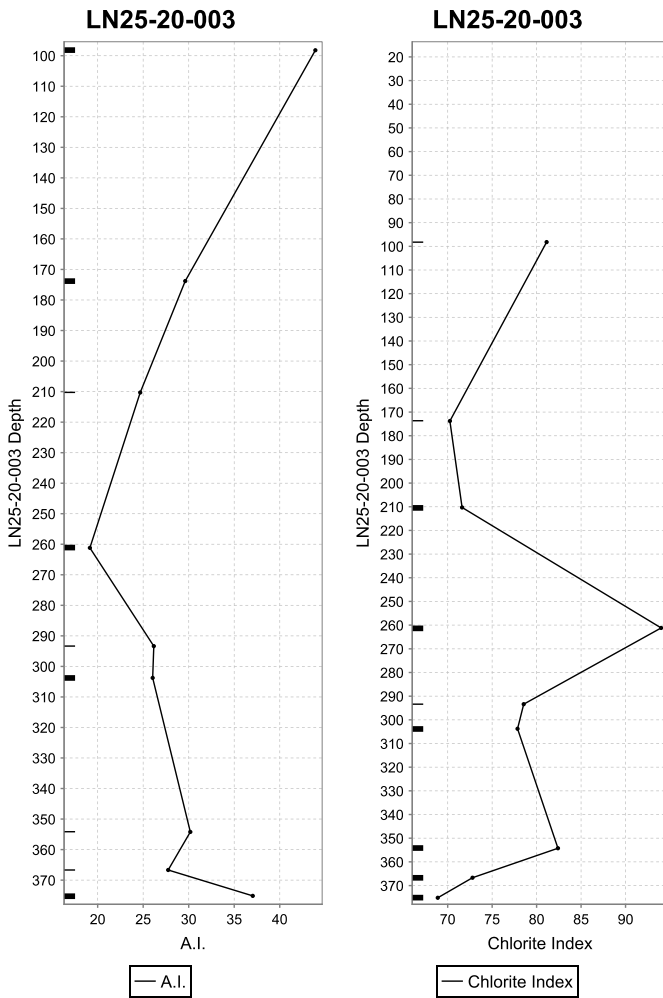


Figure 14 Ishikawa Index (AI) and Chlorite-Carbonate-Pyrite Index (CCPI) for LN25-20-003

The hole was processed with RQD, Magnetic Susceptibility, Geological Logging and photos taken (dry and wet). One Hundred twenty five samples plus nine whole rocks were taken. Fourteen CRM/QAQC (all passed), seven reject duplicates and seven 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.

Unfortunately, LN25-20-003 was blocked at 75m depth and the hole was unable to be surveyed with borehole EM by Crone Geophysics.

#### 4.1d LN25-20-004

Hole LN25-20-004 was designed to evaluate a 102 Siemen VTEM plate that is positioned down dip from an interesting Cu-Ni-PGM assay from hole L-13. The historic hole, L-13, had never been assayed for nickel and was resampled to entice exploration; results are documented in the 2018-2019 Recommendations for Mineral Exploration in Ontario by the Timmins Ministry Northern Development and Mines 2018-2019. A 5cm sample from 97.5m/320 feet returned values of 0.1926% Cu, 2.129% Ni, 0.148% Co plus 2.386ppm PGM (Au,Pt,Pd) (Van Hees., 2018). The area has felsic and intermediate volcanics identified by mapping and verified by drilling; these lithologies are traditionally not hosts for Cu-Ni-PGE deposits. It was postulated that perhaps there was a mafic intrusion at depth and the nickel pgm rich sample was perhaps remobilized along a structure.

The hole was assayed for a multi-element, four acid, near total digestion to examine for anomalous Cu-Ni-PGM and VMS pathfinder elements.

LN25-20-004 was spotted and had an original target depth of 175m. See Figure 15 & 16 for Plan View and Section View of drilling hole location and VTEM plate trend.

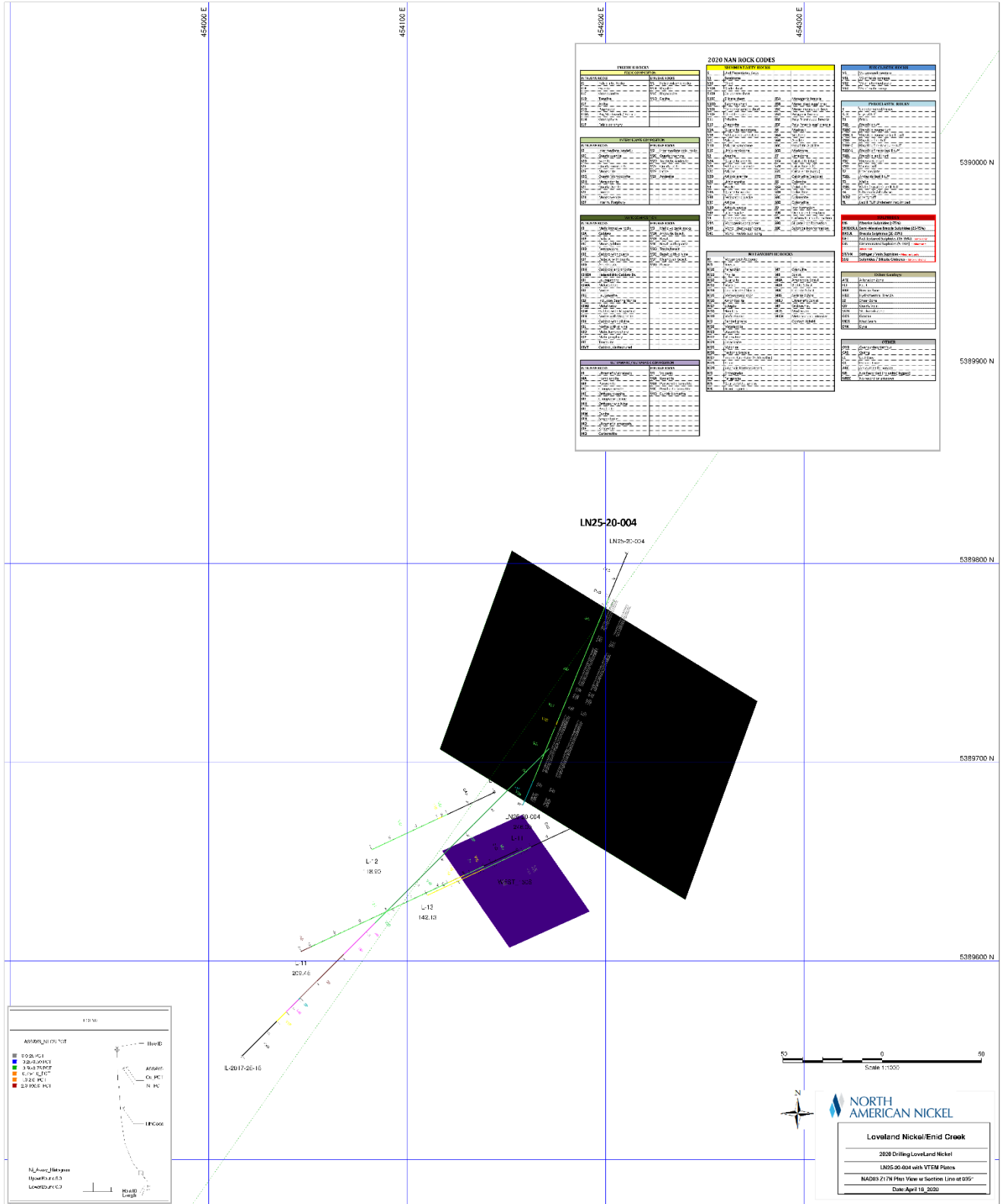


Figure 15. Plan View illustrating the LN25-20-004 location and VTEM Plate. See Appendix 4 for full size 20x24 pdf.

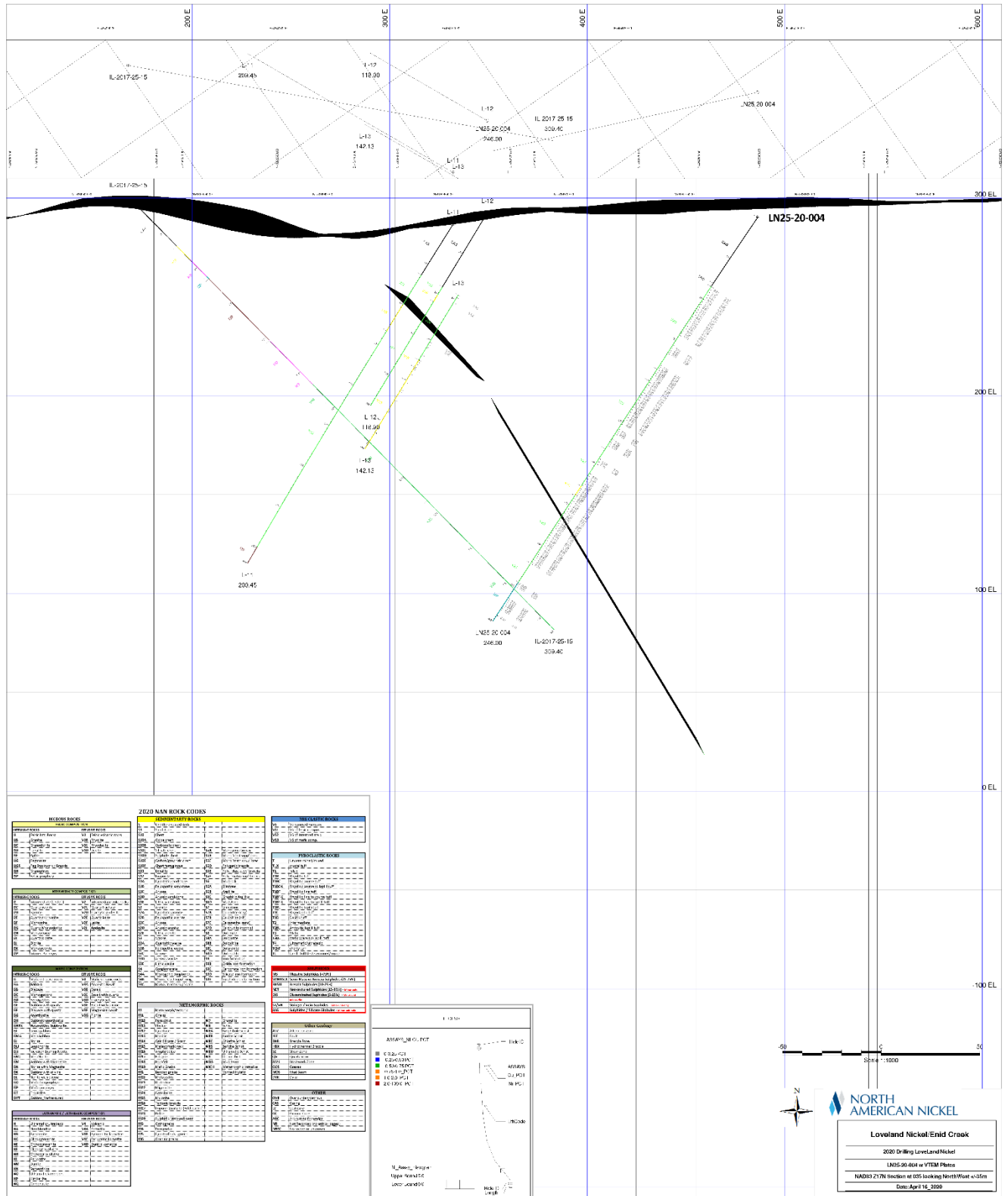


Figure 16. Section View oriented at 035 looking NorthWest. Illustrating the LN25-20-004 and VTEM Plate interception. See Appendix 4 for full size 20x24 pdf.

On February 29th, the hole was cased to 45m, and NQ cored down to a depth of 246m. The hole did not intercept a mafic or ultramafic intrusion but, cored through an intermediate volcanic suite and was shut down in an Intermediate Porphyry unit with diorite/monzonitic composition. See Figure 17 for TAS classification diagram on LN25-20-004 whole rocks recalculated to 100pct volatile free

One of the more interesting units was from 163.9 to 169.7m; a “Rhyodacitic Fragmental Volcaniclastic” with large angular chert clasts and anomalous Zinc (390-1420ppm). The fragmental unit occurred between an Andesite and a Trachy-Andesite and has a very distinct geochemical response. Elevated Pb, Zn, Mo, S and lesser La and depleted Mg, Fe, Ca, P, Mn, Sr and Sc were noted. This lithological unit occurs at an apparent break in volcanism between two Andesitic units and could be a distal time-stratigraphic equivalent of an exhalite layer (See Appendix 9). However, the A.I. and C.C.P.I. indexes were 29-52 and 59-80 respectively, which, fall into the least altered category suggesting no significant alteration zone is present in the hole (Large et al., 2001). See Figures 18 below and see Appendix 9 for NAN summary of Geochemistry.

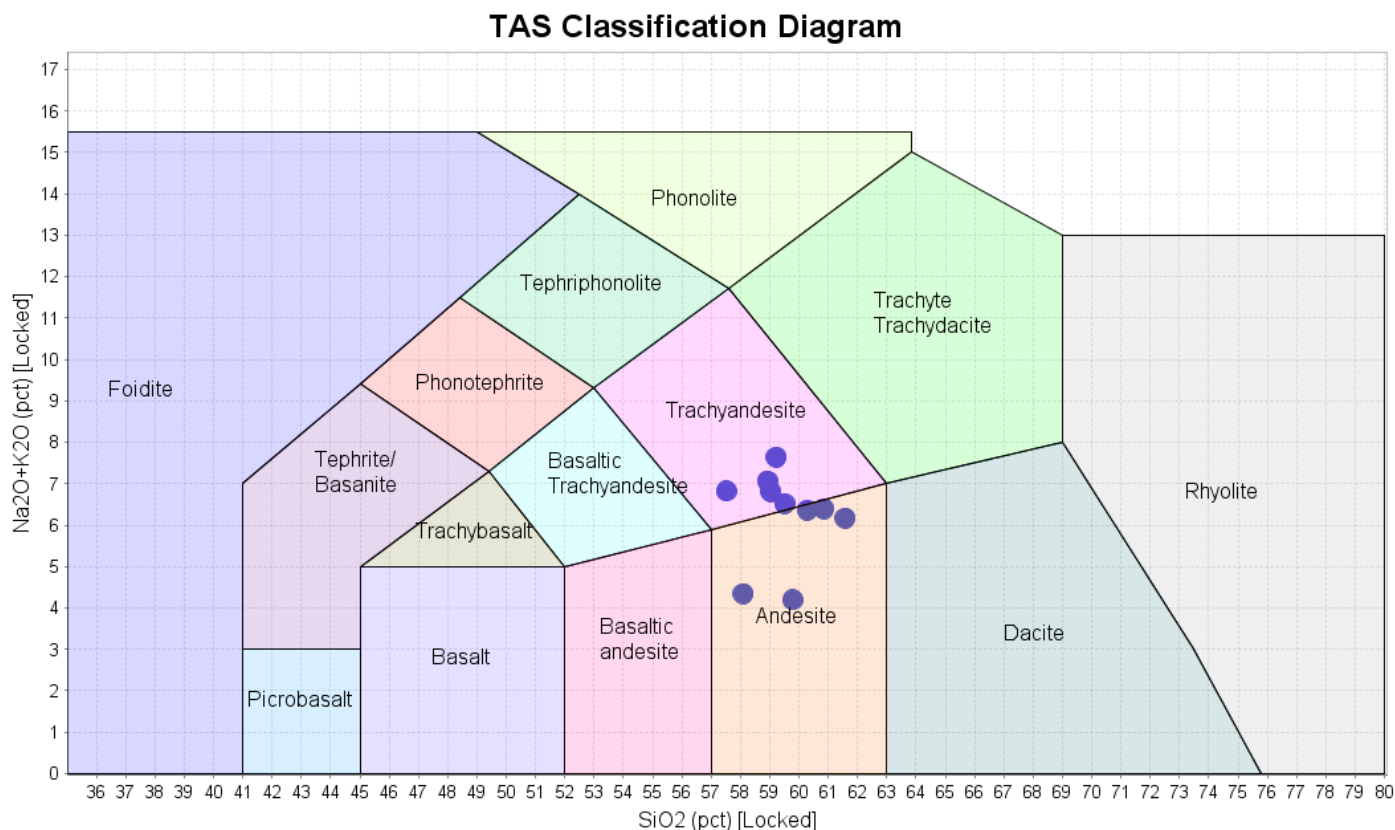


Figure 17. LN25-20-004 Total alkalis versus silica (Na<sub>2</sub>+K<sub>2</sub>O vs SiO<sub>2</sub>) general igneous rocks classification diagram. TAS Classification Diagram. Le Maitre, R. W. (1989). A Classification of Igneous Rocks and Glossary of Terms. Recommendations of the IUGS Commission on the Systematics of Igneous Rocks. Oxford: Blackwell.

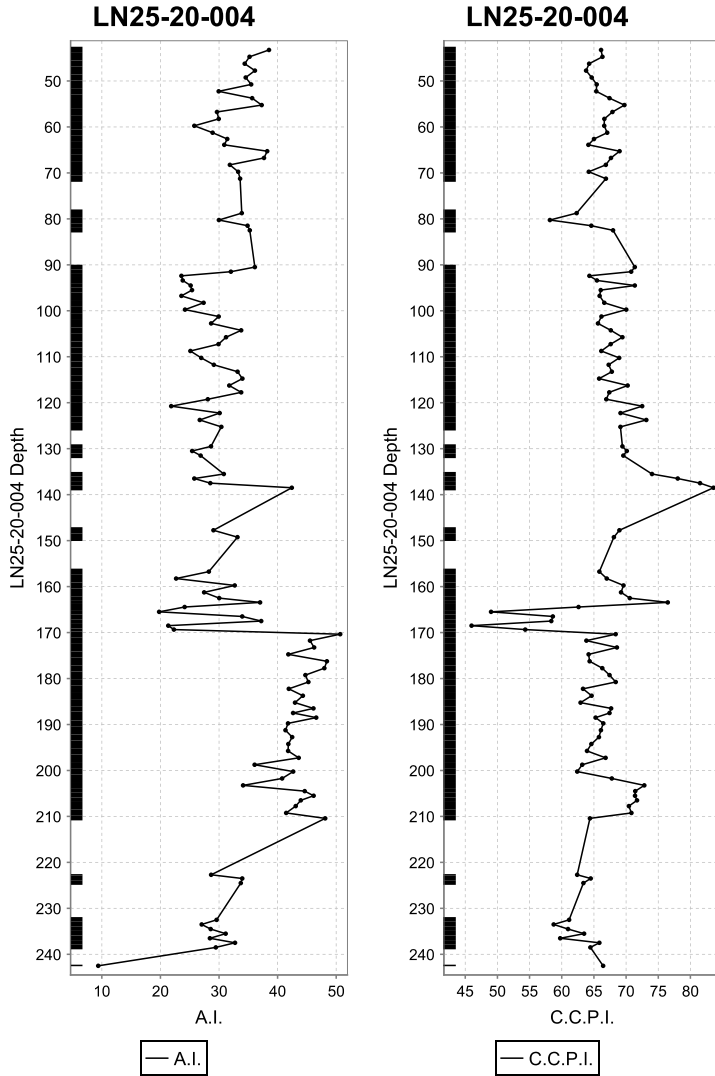


Figure 18 Ishikawa Index (AI) and Chlorite-Carbonate-Pyrite Index (CCPI) for LN25-20-004

Sulphide mineralization in LN25-20-004 was weak to moderate, spanning primarily from 93m to 211m as disseminated to coarse blebs of Chalcopyrite, Pyrrhotite, and Pyrite. Mineralization was the strongest (3-8%) within the Rhyodacitic Chert Fragmental unit noted above. A continuous interval from 163.9 to 169.7m was anomalously mineralized in copper and zinc. Although, the entire hole was essentially assayed, no anomalous values were received for nickel or gold, platinum and palladium.

Highlights of hole LN25-20-004 were as follows:

- 91.0-92.0 (1.0m): Occurs at the base of a weakly sulphidic TrachyAndesite, which returned a value of 0.235% Copper and 0.03% Nickel
- 163.9-169.7 (5.80m): Rhyodacitic Chert Fragmental unit with weak to moderate sulphides returned a value of 0.048% Copper, 0.001% Nickel but, with elevated zinc at 0.067%



Two to three small conductors were noted during logging of the core, each of which were comprised of local thin cm thick, semi massive to massive Pyrrhotite veining present at 170.55m, 186.9m and 205.5m.

The hole was processed as usual with RQD, Magnetic Susceptibility, Geological Logging and photos taken (dry and wet). One hundred twelve samples plus ten whole rocks were sent to the laboratory. In addition, fifteen CRM/QAQC (all passed) were analysed, eight reject duplicates and eight pulp duplicates were requested for additional QAQC.

The hole had a multi-shot survey completed at 9m intervals at end of hole. See Appendix 3 for Reflex Equipment utilized during program.

The hole was surveyed by Crone Geophysics utilizing their borehole electromagnetic system. Refer to Section 4.2 Borehole Electromagnetics for interpretation of results and Appendix 8 for Crone Borehole EM Logistics Report.

## 4.2 Borehole Electromagnetics

Borehole electromagnetic (BHEM) surveys were carried out in drill holes with the purpose of evaluating the size and orientation of intersected conductors, and to explore the vicinity of the drillhole for new unknown conductors.

The BHEM survey crew arrived one week after the completion of the drill program. Holes LN-25-20-002 and LN-25-20-004 were surveyed to the bottom but LN-025-20-003 was blocked at 75m, after initially being dummied to the bottom of the hole. The two holes were 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 (Appendix 8).

Upon delivery of the data, interpretation of the results were carried out; 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.

LN25-20-002 was drilled as a 175m step-out down-dip of the Enid Creek mineralization. It did not target an EM target, but was positioned down-dip of a trend of BHEM anomalies outlined in 2000 Quantec surveys. The BHEM results in LN25-20-002 show a late time off-hole anomaly at 285m. The off-hole correlates to blebby sulphides and a strongly conductive Pyrrhotite vein 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 (Figure 19). The high amplitude of this anomaly would overwhelm the signal from a more distant conductor located along strike or at depth.

Two previous drill holes, EL25-05 and EL25-06 are located at the south and up-dip edges of the plate.

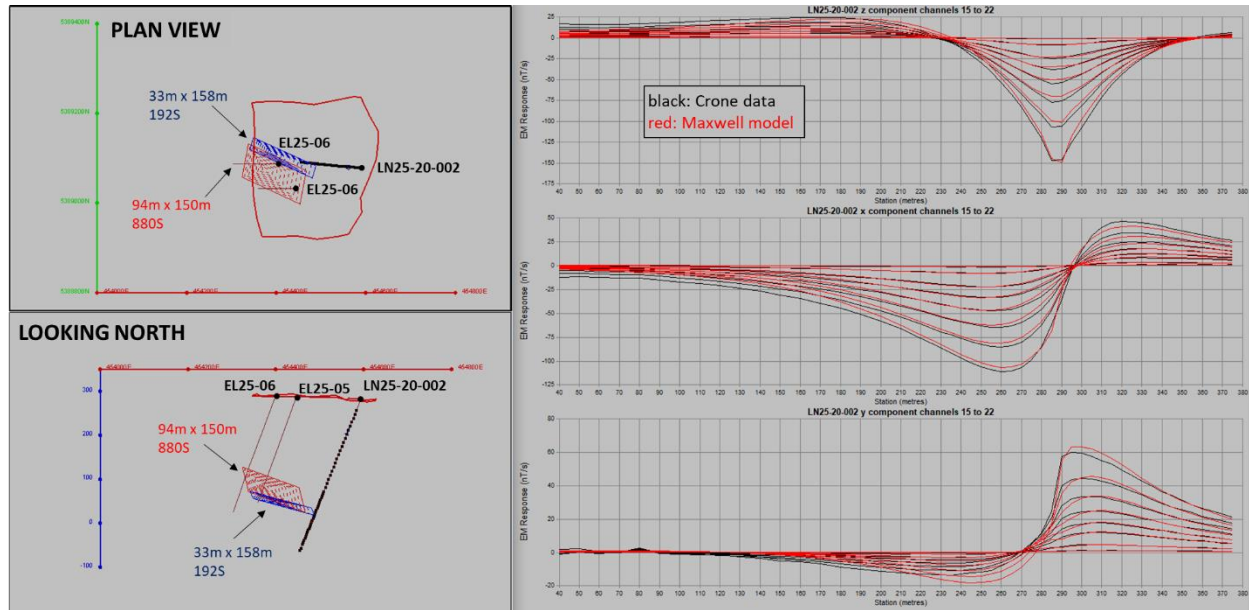


Figure 19. BHEM Results drill hole LN25-20-002.

LN25-20-004 was drilled to test a modeled VTEM plate down-dip of 2.13% Ni, 0.19% Cu in hole L-13. The BHEM results in hole LN25-20-004 show an in-hole anomaly at 175m and an off-hole anomaly at 170m, corresponding to the base of the peculiar Rhyodacitic Fragmental Volcanic unit and, strongly conductive narrow pyrrhotite veins intersected in the hole. The in-hole anomaly was modeled as a 132m x 104m, 140S plate, intersected near its center. The off-hole anomaly is located very close to the hole, both to the north and below the hole, and was modeled using a 93m x 104m, 222S plate. This plate has a similar orientation to the modeled in-hole plate and extends the in-hole conductor in a down-plunge direction to the northeast (Figure 20).

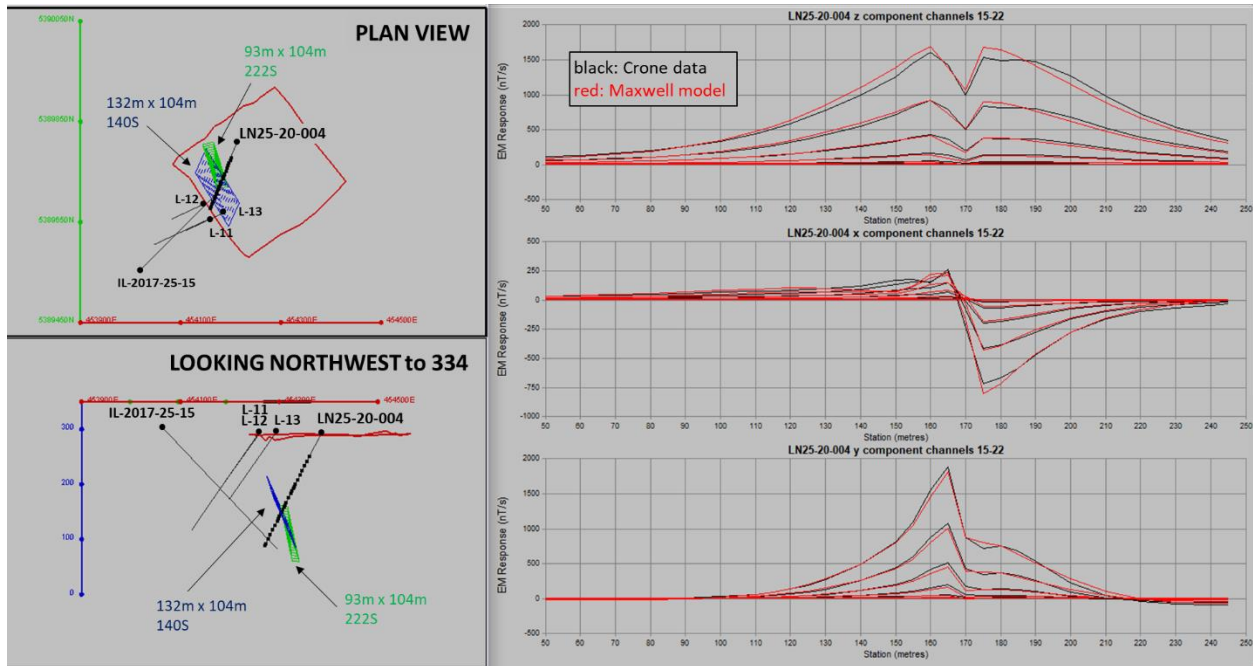


Figure 20. BHEM Results drill hole LN25-20-004.

In addition, plans and section images have been created for holes LN25-20-002 and 004 to illustrate locations of the new Crone BHEM plates are relative to nearby drilling with assays. See Figures 21, 22, 23 and 24 as well as Appendix 7 for full size 20"x24" updated plan plots and cross sections with 2020 Crone BHEM plates.

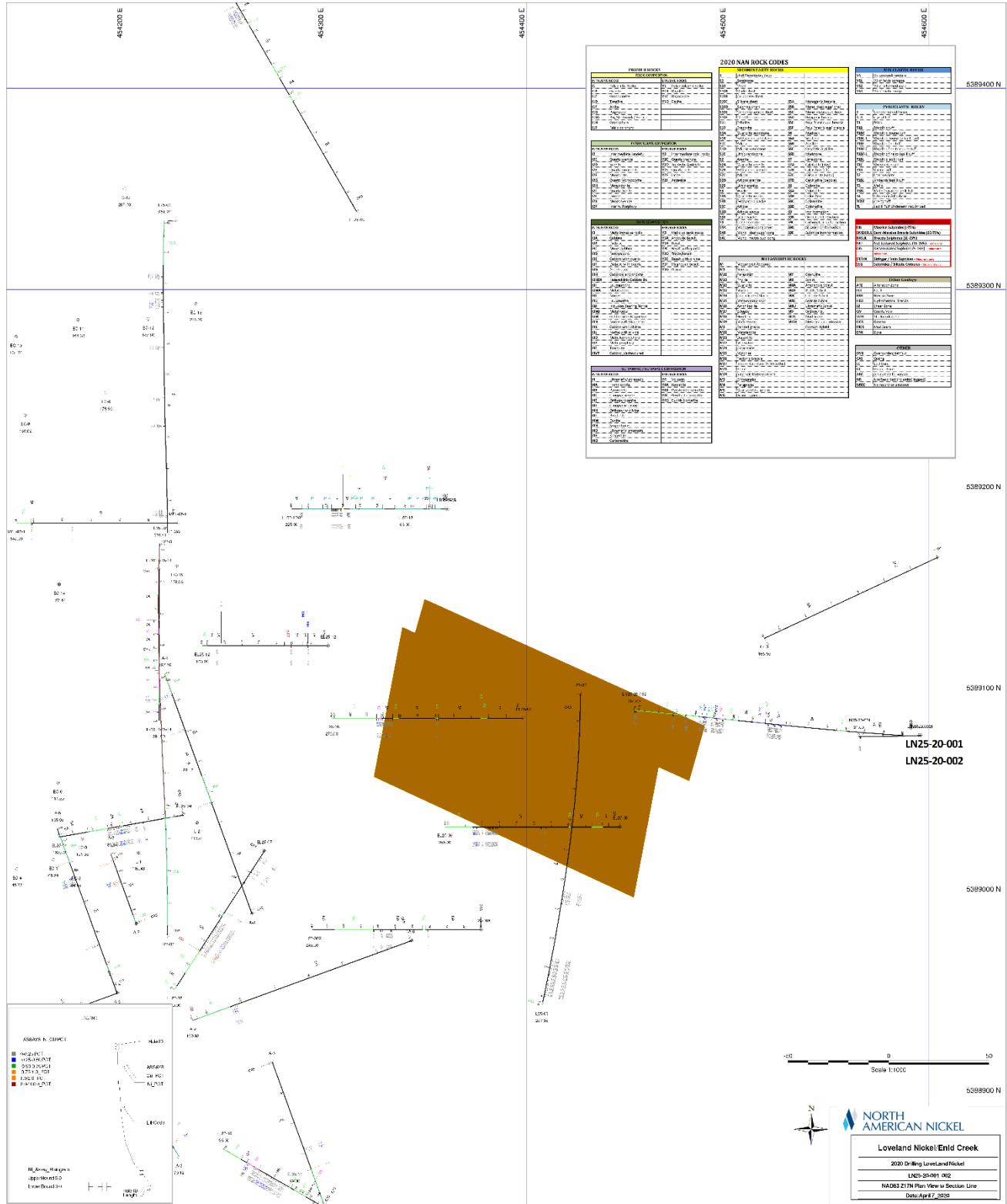


Figure 21. Plan View illustrating the LN25-20-001 & 002 with 2020 off-hole BHEM Plates. See Appendix 7 for full size 20x24 pdf.

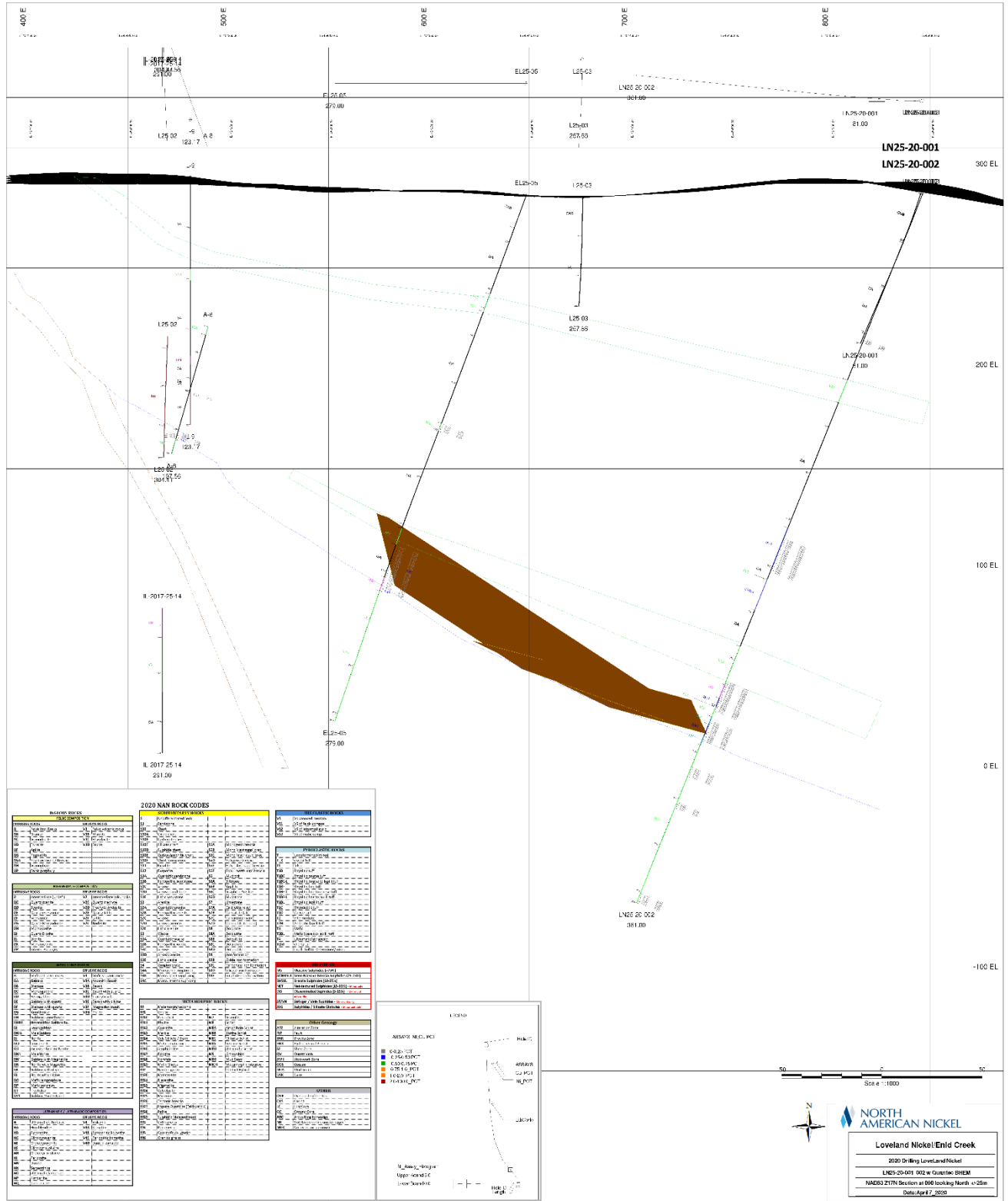


Figure 22. East-West Section View looking North. Illustrating the LN25-20-001 & 002 down dip step-out and 2020 'Up-dip' Off-hole BHEM Plates.

See Appendix 7 for full size 20x24 pdf.

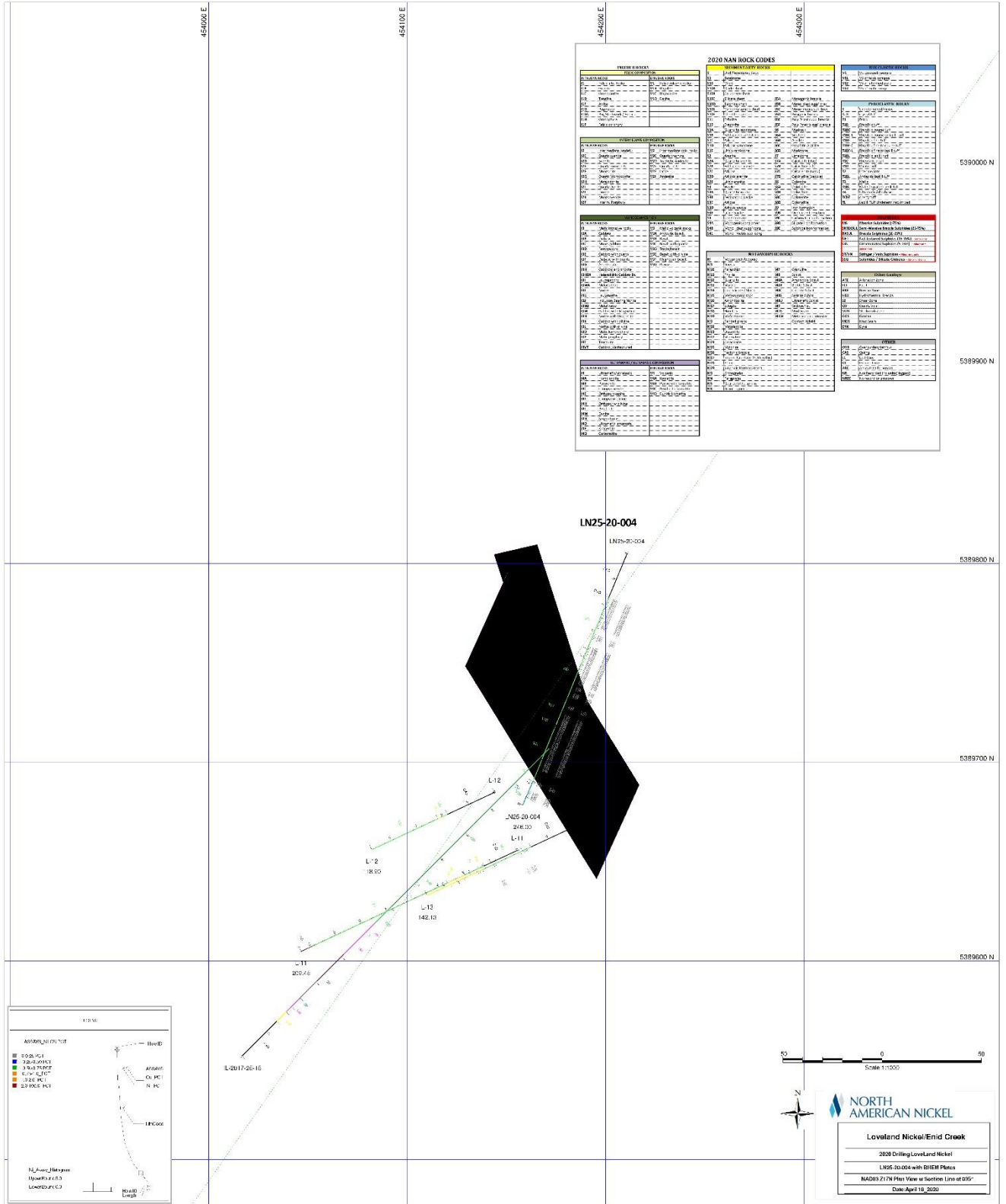


Figure 23. Plan View illustrating hole LN25-20-004 with BHEM Plates. See Appendix 7 for full size plots.

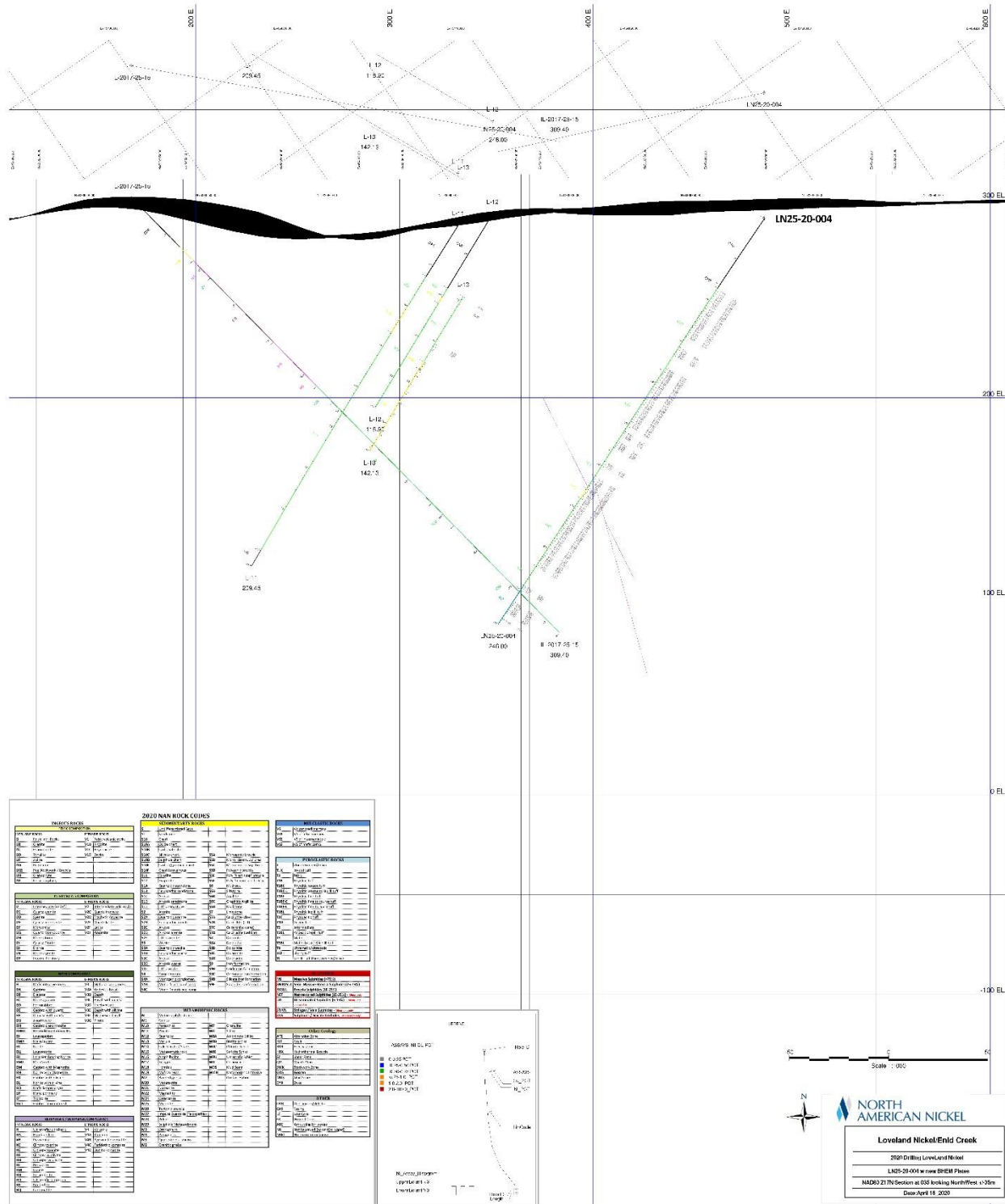


Figure 24. Section View oriented at 035° looking NorthWest. Illustrating the LN25-20-004 and 2020 BHEM Plates. See Appendix 7 for full size 20x24 pdf.

## 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.

The potential for 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 could occur along strike to the south and also to the north because the high amplitude of this anomaly would overwhelm the signal from a more distant conductor.

LN25-20-003 never did encounter a mafic intrusion and because the hole was not able to be surveyed with BHEM, North American Nickel is not certain that the 950m strike of VTEM plates were adequately explained and also cannot say in confidence that the entire strike length has a similar conductive source.

The lithology encountered in LN25-20-004 does not seem to support the magmatic nickel-copper-pgm model. The Rhyodacitic chert fragmental is of interest as it may represent a distal time-stratigraphic equivalent of an exhalite layer related to a potential volcanogenic massive sulphide mineralizing event.

### 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.

Current existing drillholes within the Enid Creek Gabbro should be reviewed with respect to the 3D geological model and related mineralization. A selection of holes should be chosen to be located and be



pulsed with a modern borehole electromagnetic system. Results modelled using information from multiple boreholes will deliver a more robust understanding of the behaviour of the higher grade mineralization and has potential to locate new areas of conductive sulphide mineralization.

Hole LN25-20-003 should be reamed out and be pulsed with BHEM to verify the drillhole has actually intercepted the mineralization responsible for the VTEM plate. That particular suite of VTEM plates has a strike length of just over 950m and has the potential to build tonnes quickly should there be a substantial sulphide mineralized intercept just ahead of the borehole.

The Rhyodacitic chert fragmental unit in hole LN25-20-004 occurs at an apparent break in volcanism between two units of Andesitic composition. Appendix 9 illustrates the gradual buildup of Zinc in the Andesitic unit stratigraphically below the fragmental volcanoclastic unit. It is possible that the Intermediate Porphyry intercepted at the bottom of the hole could play a key role in acting as a heat engine for a VMS mineralizing system. The diorite/monzonite porphyry at depth should be thin sectioned to confirm it's of a hypabyssal intrusive origin and if possible age-dated to determine its relationship with overlying volcanic rocks.

Regional geophysics maybe applied in the vicinity of holes LN25-20-004, L-12 & L-13 to assess the area for anomalous conductance of sulphides related to the fragmental chert volcanoclastic and VMS type mineralization.

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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Percival, J.A., Skulski, T., Sanborn-Barrie, M., Stott, G.M., Leclair, A.D., Corkery, M.T., and Boily, M. 2012. Geology and tectonic evolution of the Superior Province, Canada. Chapter 6 *In* *Tectonic Styles in Canada: The LITHOPROBE Perspective*. Edited by J.A. Percival, F.A. Cook, and R.M. Clowes. Geological Association of Canada, Special Paper 49, pp. 321–378.

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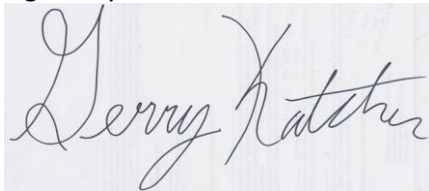
Van Hees, E. 2018. Recommendations for Exploration, 2018-2019. Ministry of Energy, Northern Development of Mines, Ontario Geological Survey, Resident Geologist Program. pp. 76-80

## 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 21 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)

**Interpretation of VTEM™max Geophysical Survey**

**Loveland Nickel Property  
Timmins, Ontario**

**for  
North American Nickel Inc.**

## EXECUTIVE SUMMARY

In December 2016, Geotech Airborne Geophysical surveys flew a VTEM™max survey over the property that hosts the Enid Creek Deposit on behalf of International Explorers and Prospectors Inc. This property was acquired in 2019 by North American Nickel through an earn-in agreement.

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 EL25-05. The northernmost plate that “turns” to the east is 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.

It is recommended that a diamond drill hole program be carried out to target the untested plates in the three areas listed above. All holes should be surveyed with BHEM to determine the size, orientation and conductance of intersected mineralization and locate off-hole targets.

## 1.0 INTRODUCTION

In December 2016, Geotech Airborne Geophysical surveys flew a VTEM™max survey over the property that hosts the Enid Creek Deposit on behalf of International Explorers and Prospectors Inc. This property was acquired in 2019 by North American Nickel through an earn-in agreement.

This report documents plate modeling results of the VTEM™max data. The reader is referred to the contractor report for the survey specifications, data processing, survey location and other logistical information.

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.

## 2.0 MODELING DETAILS

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.

In order to better constrain the position and orientation of the modeled plates, all plates were modeled using data from multiple survey lines.

## 3.0 MODELING RESULTS

Figure 1 shows the results of the modeling with historic drill holes. Note that the confidence level in the orientation of the western plates is low because the flight lines are sub-parallel to the strike of the plates.

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 EL25-05. The northernmost plate that “turns” to the east is 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.

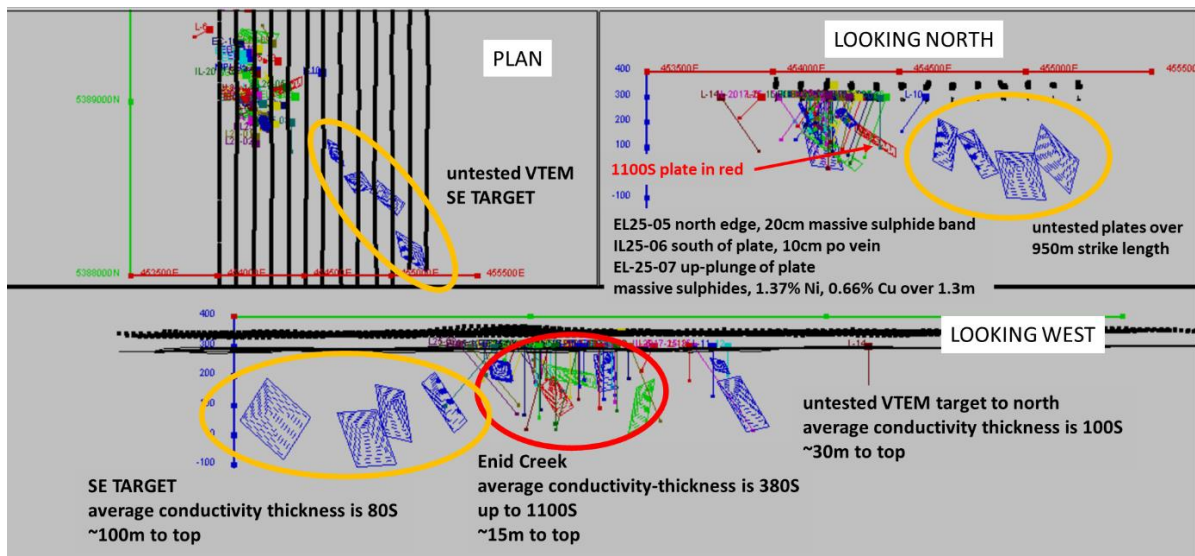


Figure 1. Modeling results.

Figure 2 shows the modelling results plotted on a geology map. The newly defined southeast target is interpreted to lie at the southern contact of the intrusion along strike from the Enid Creek Deposit.

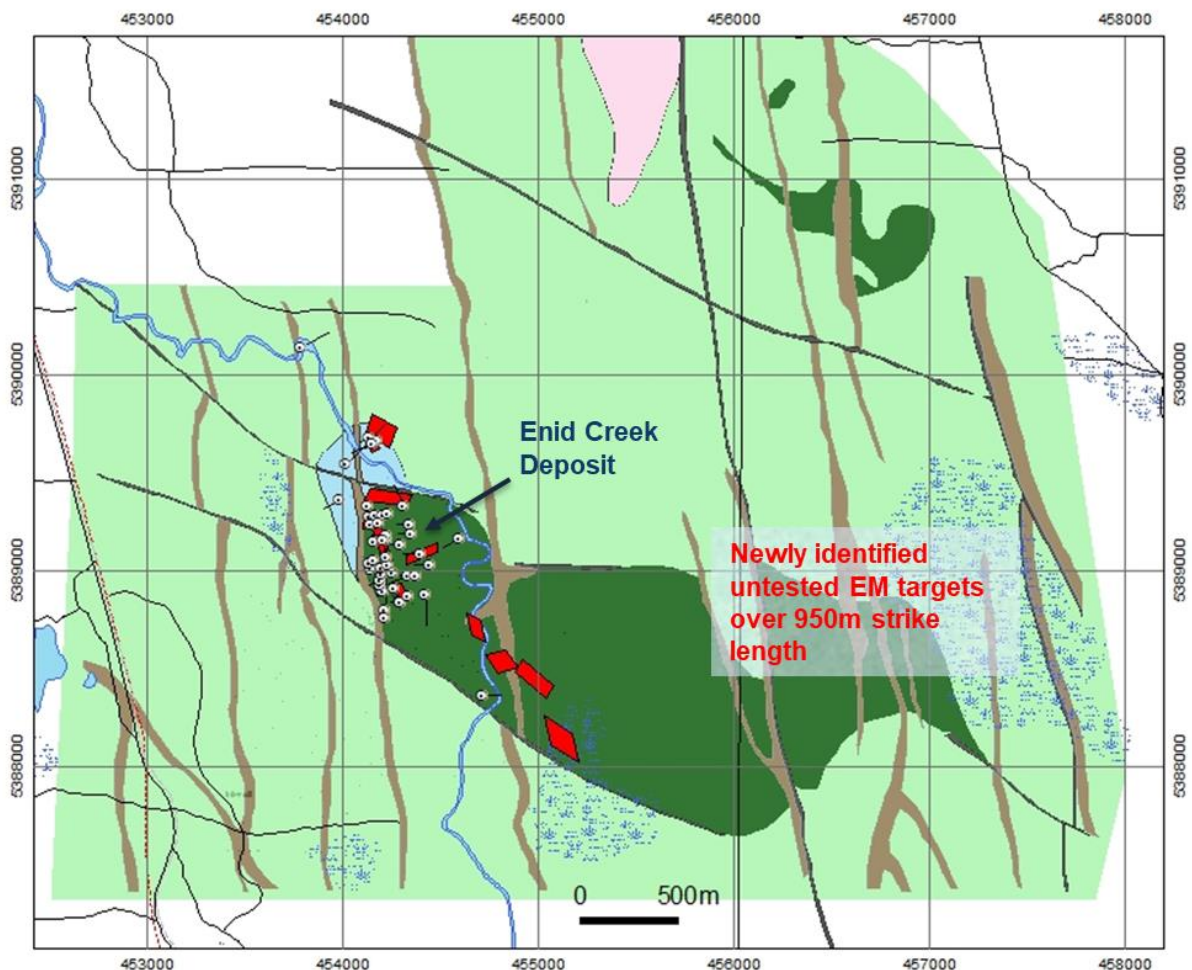


Figure 2. Modeling results plotted on geology.

#### **4.0 RECOMMENDATIONS**

It is recommended that a diamond drill program be carried out to target three areas:

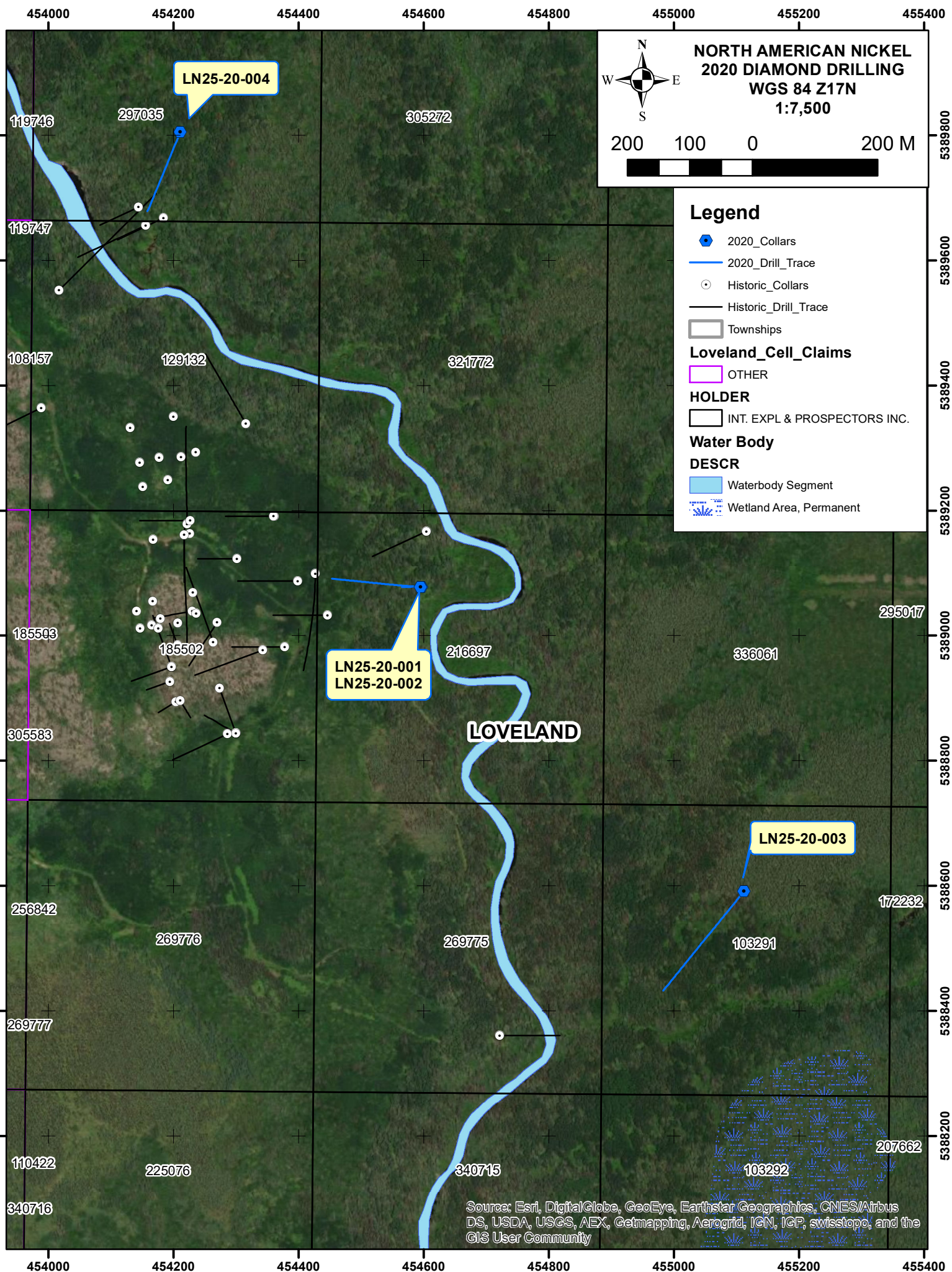
1. the southeast target (2 holes)
2. the northernmost plate that defines the Enid Creek Deposit (1 hole)
3. the untested plate on the north side of Enid Creek (1 hole)

All holes should be surveyed with BHEM to determine the size, orientation and conductance of intersected mineralization and locate off-hole targets.

#### **REFERENCES**

Fiset, N., Wade, T., and Plastow, G., 2017. Report on a helicopter-borne Versatile Time Domain Electromagnetic (VTEM™max) and aeromagnetic geophysical survey on Block A, Halfmoon, Godfrey, Turnbull, Carscallen, Goose Egg, Wilky Walker and MontClerg: Timmins, Ontario Job: GL160061 for International Explorers and Prospectors Inc. Technical report.





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

W N E S

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

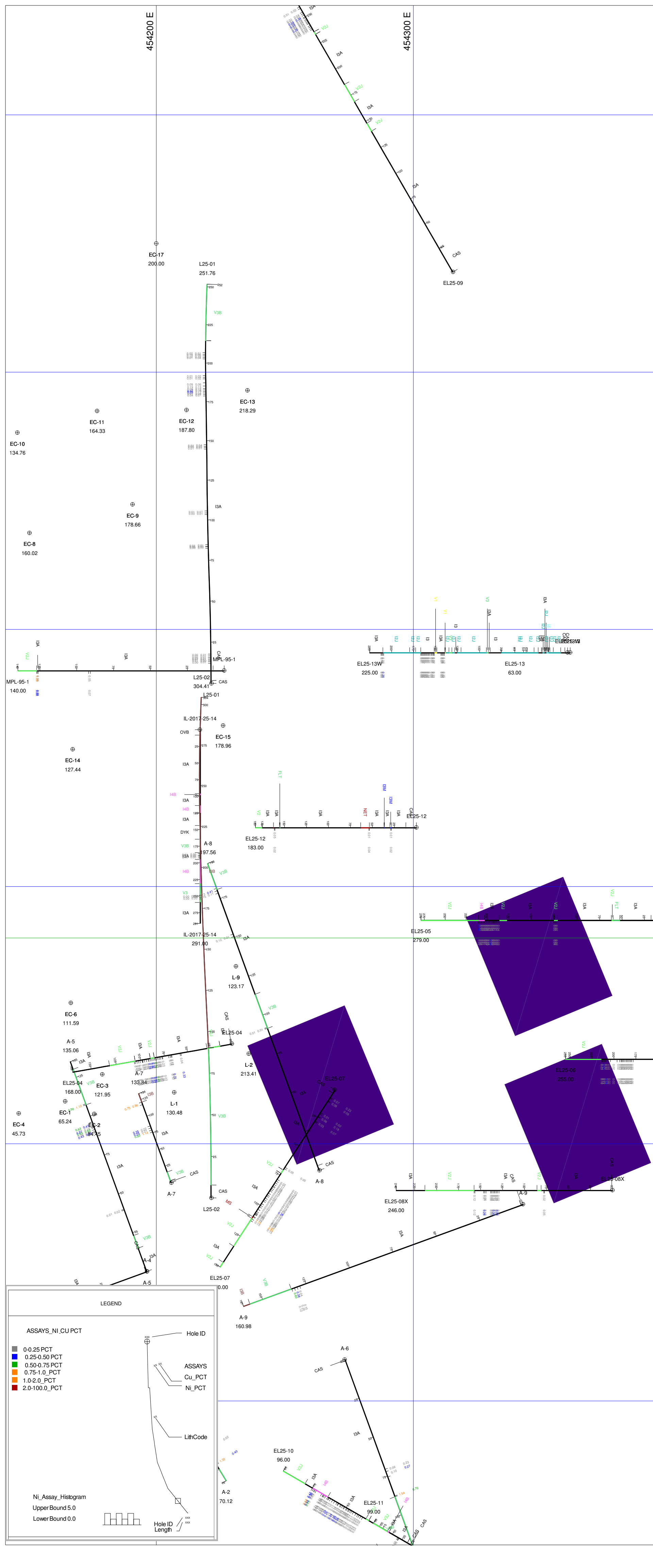
LN25-20-001  
LN25-20-002

LN25-20-004

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



INTRUSIVE ROCKS		INTRUSIVE ROCKS		INTRUSIVE ROCKS	
Code	Description	Code	Description	Code	Description
I1	Felsic intr. Rocks	I1	Felsic intr. Rocks	I1	Felsic intr. Rocks
I2	Granite	I2	Granite	I2	Granite
I3	Granodiorite	I3	Granodiorite	I3	Granodiorite
I4	Tonalite	I4	Tonalite	I4	Tonalite
I5	Aplite	I5	Aplite	I5	Aplite
I6	Pegmatite	I6	Pegmatite	I6	Pegmatite
I7	Peg Stockwork / Breccia	I7	Peg Stockwork / Breccia	I7	Peg Stockwork / Breccia
I8	Quartz monzonite	I8	Quartz monzonite	I8	Quartz monzonite
I9	Granophyre	I9	Granophyre	I9	Granophyre
I10	Felsic porphyry	I10	Felsic porphyry	I10	Felsic porphyry
I11	Intermediate (undef.)	I11	Intermediate (undef.)	I11	Intermediate (undef.)
I12	Quartz syenite	I12	Quartz syenite	I12	Quartz syenite
I13	Syenite	I13	Syenite	I13	Syenite
I14	Quartz monzonite	I14	Quartz monzonite	I14	Quartz monzonite
I15	Monzonite	I15	Monzonite	I15	Monzonite
I16	Quartz Monzonite	I16	Quartz Monzonite	I16	Quartz Monzonite
I17	Monzonite	I17	Monzonite	I17	Monzonite
I18	Quartz Diorite	I18	Quartz Diorite	I18	Quartz Diorite
I19	Diorite	I19	Diorite	I19	Diorite
I20	Monzonite	I20	Monzonite	I20	Monzonite
I21	Interm. Porphyry	I21	Interm. Porphyry	I21	Interm. Porphyry
I22	Mafic intrusive rocks	I22	Mafic intrusive rocks	I22	Mafic intrusive rocks
I23	Gabbro	I23	Gabbro	I23	Gabbro
I24	Diabase	I24	Diabase	I24	Diabase
I25	Monzogabbro	I25	Monzogabbro	I25	Monzogabbro
I26	Ferrogabbro	I26	Ferrogabbro	I26	Ferrogabbro
I27	Gabbro with quartz	I27	Gabbro with quartz	I27	Gabbro with quartz
I28	Diabase with quartz	I28	Diabase with quartz	I28	Diabase with quartz
I29	Anorthosite	I29	Anorthosite	I29	Anorthosite
I30	Gabbroic anorthosite	I30	Gabbroic anorthosite	I30	Gabbroic anorthosite
I31	Heterolithic Gabbro Bx.	I31	Heterolithic Gabbro Bx.	I31	Heterolithic Gabbro Bx.
I32	Leucogabbro	I32	Leucogabbro	I32	Leucogabbro
I33	Melagabbro	I33	Melagabbro	I33	Melagabbro
I34	Norite	I34	Norite	I34	Norite
I35	Leuconorite	I35	Leuconorite	I35	Leuconorite
I36	Inclusion Bearing Norite	I36	Inclusion Bearing Norite	I36	Inclusion Bearing Norite
I37	Melaknorite	I37	Melaknorite	I37	Melaknorite
I38	Gabbro with Magnetite	I38	Gabbro with Magnetite	I38	Gabbro with Magnetite
I39	Norite with Magnetite	I39	Norite with Magnetite	I39	Norite with Magnetite
I40	Gabbro with olivine	I40	Gabbro with olivine	I40	Gabbro with olivine
I41	Norite with olivine	I41	Norite with olivine	I41	Norite with olivine
I42	Mafic lamprophyre	I42	Mafic lamprophyre	I42	Mafic lamprophyre
I43	Mafic porphyry	I43	Mafic porphyry	I43	Mafic porphyry
I44	Troctolite	I44	Troctolite	I44	Troctolite
I45	Gabbro_Vantextured	I45	Gabbro_Vantextured	I45	Gabbro_Vantextured
I46	Mafic volcanic rocks	I46	Mafic volcanic rocks	I46	Mafic volcanic rocks
I47	Andesitic Basalt	I47	Andesitic Basalt	I47	Andesitic Basalt
I48	Basalt	I48	Basalt	I48	Basalt
I49	Basalt with quartz	I49	Basalt with quartz	I49	Basalt with quartz
I50	Trachybasalt	I50	Trachybasalt	I50	Trachybasalt
I51	Basalt with olivine	I51	Basalt with olivine	I51	Basalt with olivine
I52	Magnetite basalt	I52	Magnetite basalt	I52	Magnetite basalt
I53	Picroite	I53	Picroite	I53	Picroite
I54	Ultramafic/ultrabasic	I54	Ultramafic/ultrabasic	I54	Ultramafic/ultrabasic
I55	Hornblende	I55	Hornblende	I55	Hornblende
I56	Pyroxenite	I56	Pyroxenite	I56	Pyroxenite
I57	Chloropyroxenite	I57	Chloropyroxenite	I57	Chloropyroxenite
I58	Orthopyroxenite	I58	Orthopyroxenite	I58	Orthopyroxenite
I59	Chloropyroxenite w/ olivine	I59	Chloropyroxenite w/ olivine	I59	Chloropyroxenite w/ olivine
I60	Orthopyroxenite w/ olivine	I60	Orthopyroxenite w/ olivine	I60	Orthopyroxenite w/ olivine
I61	Peridotite	I61	Peridotite	I61	Peridotite
I62	Dunite	I62	Dunite	I62	Dunite
I63	Serpentinite	I63	Serpentinite	I63	Serpentinite
I64	Ultramafic lamproph.	I64	Ultramafic lamproph.	I64	Ultramafic lamproph.
I65	Kimberlite	I65	Kimberlite	I65	Kimberlite
I66	Carbonatite	I66	Carbonatite	I66	Carbonatite

SEDIMENTARY ROCKS		SEDIMENTARY ROCKS		SEDIMENTARY ROCKS	
Code	Description	Code	Description	Code	Description
S	Undifferentiated Seds	S	Undifferentiated Seds	S	Undifferentiated Seds
S1	Sandstone	S1	Sandstone	S1	Sandstone
S10	Chert	S10	Chert	S10	Chert
S10A	Oolite chert	S10A	Oolite chert	S10A	Oolite chert
S10B	Carbonate chert	S10B	Carbonate chert	S10B	Carbonate chert
S10C	Silicate chert	S10C	Silicate chert	S10C	Silicate chert
S10D	Sulphide chert	S10D	Sulphide chert	S10D	Sulphide chert
S10E	Carbon/graphitic chert	S10E	Carbon/graphitic chert	S10E	Carbon/graphitic chert
S10F	Chert ferruginous	S10F	Chert ferruginous	S10F	Chert ferruginous
S10G	Exhalite	S10G	Exhalite	S10G	Exhalite
S10H	Evaporite	S10H	Evaporite	S10H	Evaporite
S10I	Quartzitic sandstone	S10I	Quartzitic sandstone	S10I	Quartzitic sandstone
S10J	Feldspathic sandstone	S10J	Feldspathic sandstone	S10J	Feldspathic sandstone
S10K	Arkose	S10K	Arkose	S10K	Arkose
S10L	Arkasic sandstone	S10L	Arkasic sandstone	S10L	Arkasic sandstone
S10M	Lithic sandstone	S10M	Lithic sandstone	S10M	Lithic sandstone
S10N	Arenite	S10N	Arenite	S10N	Arenite
S10O	Quartzitic arenite	S10O	Quartzitic arenite	S10O	Quartzitic arenite
S10P	Feldspathic arenite	S10P	Feldspathic arenite	S10P	Feldspathic arenite
S10Q	Arkose	S10Q	Arkose	S10Q	Arkose
S10R	Arkasic arenite	S10R	Arkasic arenite	S10R	Arkasic arenite
S10S	Lithic arenite	S10S	Lithic arenite	S10S	Lithic arenite
S10T	Wacke	S10T	Wacke	S10T	Wacke
S10U	Quartzitic wacke	S10U	Quartzitic wacke	S10U	Quartzitic wacke
S10V	Feldspathic wacke	S10V	Feldspathic wacke	S10V	Feldspathic wacke
S10W	Arkose	S10W	Arkose	S10W	Arkose
S10X	Arkasic wacke	S10X	Arkasic wacke	S10X	Arkasic wacke
S10Y	Lithic wacke	S10Y	Lithic wacke	S10Y	Lithic wacke
S10Z	Conglomerate	S10Z	Conglomerate	S10Z	Conglomerate
S10AA	Mono. clast sup' congl.	S10AA	Mono. clast sup' congl.	S10AA	Mono. clast sup' congl.
S10AB	Mono. 'matrix sup' congl.	S10AB	Mono. 'matrix sup' congl.	S10AB	Mono. 'matrix sup' congl.
S10AC	Mono. 'matrix sup' congl.	S10AC	Mono. 'matrix sup' congl.	S10AC	Mono. 'matrix sup' congl.

METAMORPHIC ROCKS		METAMORPHIC ROCKS	
Code	Description	Code	Description
M	Metamorph/tectonic	M	Metamorph/tectonic
M1	Gneiss	M1	Gneiss
M10	Paraschist	M10	Paraschist
M11	Phyllite	M11	Phyllite
M12	Quartzite	M12	Quartzite
M13	Marble	M13	Marble
M14	Calc. Silicate / Skarn	M14	Calc. Silicate / Skarn
M15	Metasomatic rock	M15	Metasomatic rock
M16	Amphibolite	M16	Amphibolite
M17	Eclogite	M17	Eclogite
M18	Homfels	M18	Homfels
M19	Mafic Gneiss	M19	Mafic Gneiss
M2	Banded gneiss	M2	Banded gneiss
M20	Metabelite	M20	Metabelite
M21	Diatexite	M21	Diatexite
M22	Migmatite	M22	Migmatite
M23	Caradonite	M23	Caradonite
M24	Tectonic breccia	M24	Tectonic breccia
M25	Impure Quartzite (feldspathic)	M25	Impure Quartzite (feldspathic)
M26	Feite	M26	Feite
M27	Sulphidic Metasediment	M27	Sulphidic Metasediment
M28	Orthogneiss	M28	Orthogneiss
M29	Paragneiss	M29	Paragneiss
M3	Quartzofelds. gneiss	M3	Quartzofelds. gneiss
M4	Granitic gneiss	M4	Granitic gneiss

**OTHER GEOLOGY**  
 ATZ Alteration Zone  
 BLT Fault  
 BXR Breccia Zone  
 HBX Hydrothermal Breccia  
 SZ Shear Zone  
 QVY Quartz Vein  
 SWK Stockwork Zone  
 GOS Gosan  
 MDS Mud Seam  
 DPK Dike  
**OTHER**  
 OVB Overburden/debris  
 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

Scale 1:1000  
 North Arrow  
 NORTH AMERICAN NICKEL  
 Loveland Nickel/Enid Creek  
 2020 Drilling LoveLand Nickel  
 LN25-20-01\_002  
 NAD83 217N Plan View w Section Line  
 Date: April 7, 2020

454000 E

454100 E

454200 E

454300 E

2020 NAN ROCK CODES	
IGNEOUS ROCKS	
FELSIC COMPOSITION	
INTRUSIVE ROCKS	
I1	Felsic Intr. Rocks
I1B	Granite
I1C	Granodiorite
I1D	Tonalite
I1F	Apfite
I1G	Pegmatite
I1GS	Peg. Stockwork / Breccia
I1H	Granophyre
I1P	Felsic porphyry
INTERMEDIATE COMPOSITION	
INTRUSIVE ROCKS	
I2	Intermediate (undef.)
I2C	Quartz syenite
I2D	Syenite
I2E	Quartz monzonite
I2F	Monzonite
I2G	Quartz Monzonite
I2H	Monzonite
I2I	Quartz Diorite
I2J	Diorite
I2K	Monzonite
I2P	Intern. Porphyry
MAFIC COMPOSITION	
INTRUSIVE ROCKS	
I3	Mafic intrusive rocks
I3A	Gabbro
I3B	Diabase
I3C	Monzogabbro
I3D	Ferrogabbro
I3E	Gabbro with quartz
I3F	Diabase with quartz
I3G	Anorthosite
I3H	Gabbroic anorthosite
I3HX	Heterolithic Gabbro Bx.
I3I	Leucogabbro
I3MA	Melagabbro
I3J	Norite
I3L	Leuconorite
I3M	Inclusion Bearing Norite
I3MI	Melaknorite
I3N	Gabbro with Magnetite
I3K	Gabbro with olivine
I3L	Norite with olivine
I3O	Mafic lamprophyre
I3P	Mafic porphyry
I3T	Troctolite
I3VT	Gabbro_Van textured
ULTRAMAFIC / ULTRABASIC COMPOSITION	
INTRUSIVE ROCKS	
I4	Ultramafic/Ultrabasic
I4A	Hornblende
I4B	Pyroxenite
I4C	Chrysotroxenite
I4E	Orthopyroxenite
I4F	Chrysoz w olivine
I4H	Orthopyrox w olivine
I4I	Peridotite
I4M	Dunite
I4N	Serpentinite
I4O	Ultramafic lamproph.
I4P	Kimberlite
I4Q	Carbonatite
INTRUSIVE ROCKS	
I4V	Volcanic
I4VA	Komatite
I4VB	Pyroxenitic komatite
I4VC	Peridotitic komatite
I4VD	Dunitic komatite
SEDIMENTARY ROCKS	
S	Undifferentiated Sed.
S1	Sandstone
S10	Chert
S10A	Oxide chert
S10B	Carbonate chert
S10C	Silicate chert
S10D	Sulphide chert
S10E	Carbon/graphitic chert
S10F	Chert ferruginous
S11	Exhalite
S12	Evaporite
S1A	Quartzitic sandstone
S1B	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	Monogenic conglomer.
S4B	Mono. s'last sup' cong.
S4C	Mono. 'matrix sup' cong.
SEDIMENTARY ROCKS	
S5	Undifferentiated Sed.
S5A	Mudstone
S5B	Claystone
S5C	Shale
S5D	Siltstone
S5E	Argillite
S5F	Graphitic argillite
S5G	Mudstone
S7	Limestone
S7A	Calclutite (clay)
S7B	Calclutite (lt)
S7C	Calcanarite (sand)
S7D	Calclutite (pebble)
S8	Dolomite
S8A	Dololite
S8B	Dolostone
S8C	Dolarenite
S8D	Dolorolite
S9	Iron formation
S9C	Oxide iron formation
S9D	Carbonate iron formation
S9E	Silicate iron formation
S9F	Sulphide iron formation
METAMORPHIC ROCKS	
M	Metamorph/tectonic
M1	Gneiss
M10	Paraschist
M11	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	Diatexitic
M22	Migmatite
M24	Canadinite
M25	Mylonite
M26	Tectonic breccia
M27	Impure Quartzite (feldspathic)
M28	Feelite
M29	Sulphidic Metasediment
M3	Orthogneiss
M4	Paragneiss
M5	Quartzofelds. gneiss
M6	Granitic gneiss
M7	Granulite
M8	Schist
M9	Orthochist
M10	Mud Seam
M11	Metamorphic Intrusive
M12	Contact Hybrid
M13	Amphibole Schist
M14	Biotite Schist
M15	Chlorite Schist
M16	Sericite Schist
M17	Ultramafic Schist
M18	Mud Seam
M19	Metamorphic Intrusive
M20	Contact Hybrid
MIX CLASTIC ROCKS	
VS	Volcanosedimentary
VS1	VS of felsic compos.
VS2	VS of intermediate c
VS3	VS of mafic comp.
PYROCLASTIC ROCKS	
T	Undetermined/mixed
T_X	Crystal tuff
T1	felsic
T1B	Rhyolitic tuff
T1C	Rhyolitic coarse tuff
T1BCL	Rhyolitic coarse to lapilli tuff
T1BF	Rhyolitic fine tuff
T1BF-C	Rhyolitic fine to coarse tuff
T1BF-L	Rhyolitic fine to lapilli tuff
T1C	Rhyolitic lapilli tuff
T1D	Dacitic tuff
T1BCL	Rhyolitic coarse to lapilli tuff
T2	Intermediate
T2BL	Andesitic lapilli tuff
T3	Mafic
T3BL	Mafic (basaltic) lapilli tuff
T4	Ultramafic/ultrabasic
TCHT	cherty tuff
TL	Lapilli Tuff Undetermined/mixed
SULPHIDES	
MS	Massive Sulphides (1-25%)
MSXSL	Semi-Massive Breccia Sulphides (25-75%)
BXSUL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>Miner only</i>
DIS	Disseminated Sulphides (5-15%) - <i>Miner only</i>
ST/VN	Stringer / Vein Sulphides - <i>Miner unit only</i>
SSG	Sulphides / Silicate Globules - <i>Miner unit only</i>
Other Geology	
ATZ	Alteration Zone
BT	Basalt
BXR	Breccia Zone
HBX	Hydrothermal Breccia
SZ	Shear Zone
QV	Quartz Vein
GWS	Stockwork Zone
GOS	Gossan
MDS	Mud Seam
DKV	Dike
OTHER	
OVb	Overburden/detritus
CAS	Casing
LC	Lost Core
GC	Ground Core
ARC	Arc cutting for wedge
NRC	Not Recorded (no unit(s) logged)
NREC	No record or unknown

539000 N

5389900 N

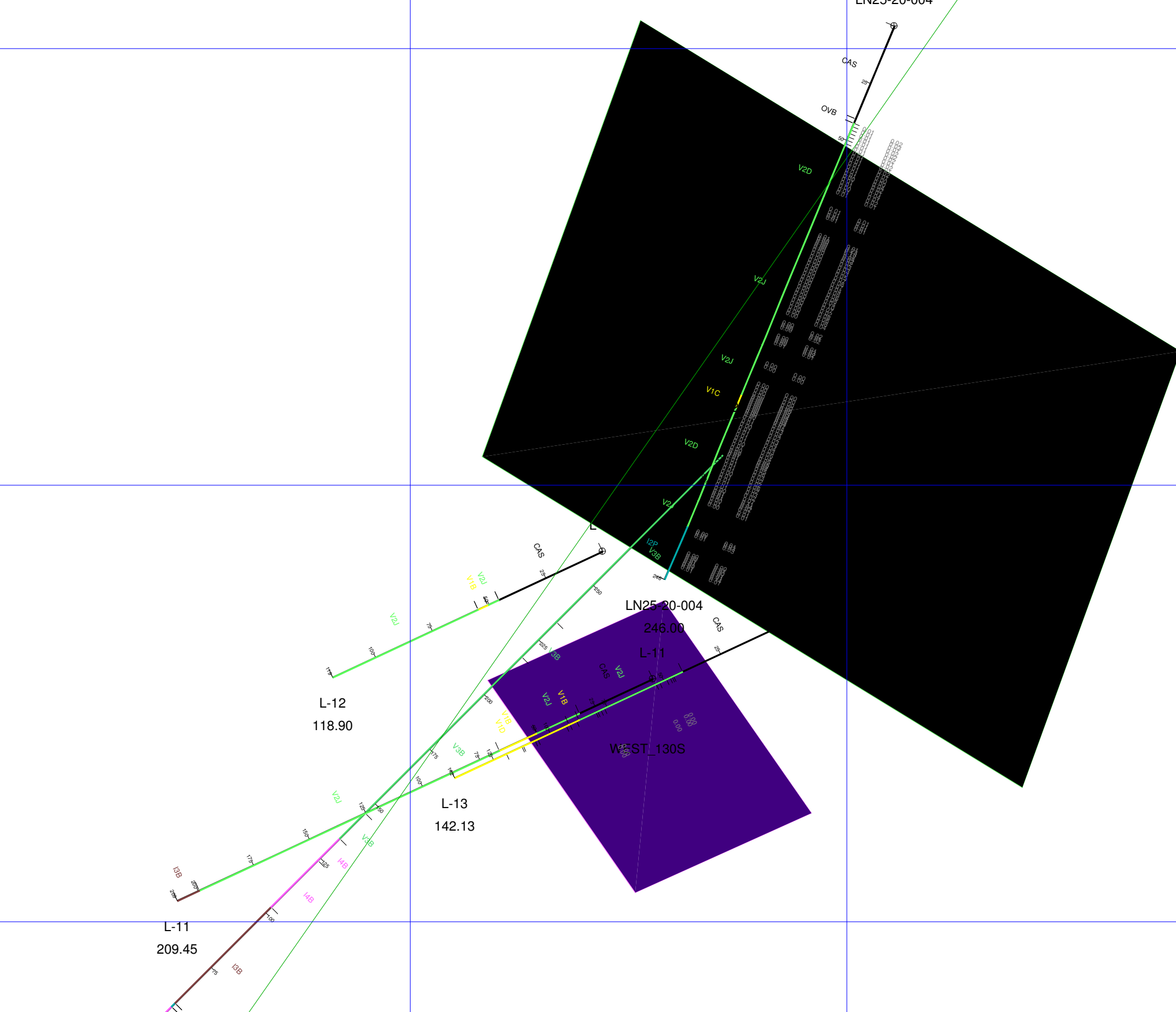
5389800 N

5389700 N

5389600 N

LN25-20-004

LN25-20-004



**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

Ni\_Assay\_Histogram

Upper Bound 5.0

Lower Bound 0.0

Hole ID Length



**North American Nickel**

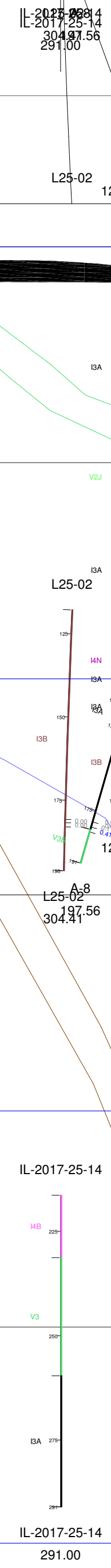
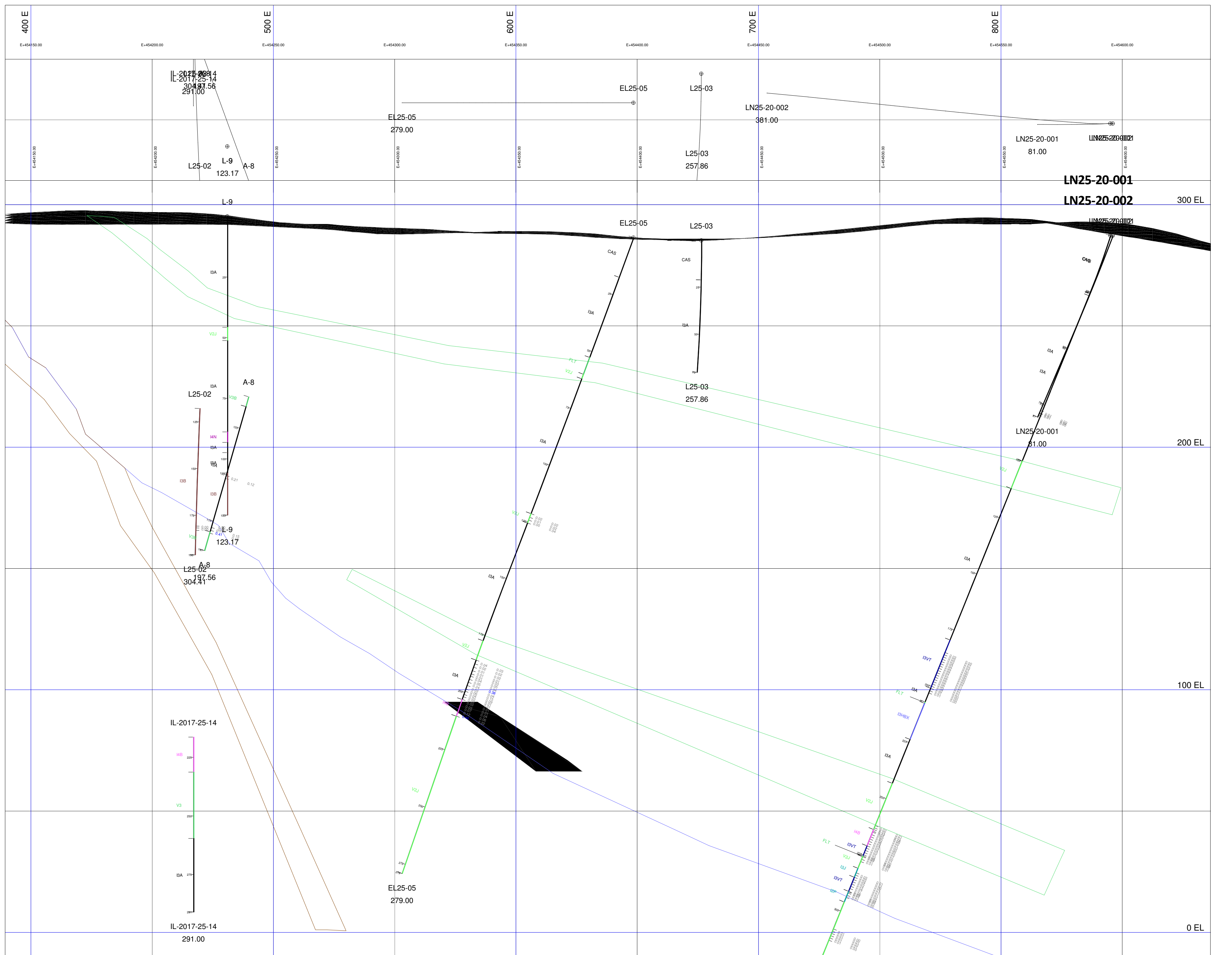
**Loveland Nickel/Enid Creek**

2020 Drilling LoveLand Nickel

LN25-20-004 with VTEM Plates

NAD83 Z17N Plan View w Section Line at 035°

Date: April 16, 2020



### INGEUS ROCKS

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	Applite		
I1G	Pegmatite		
I1GS	Flag Stockwork / Breccia		
I1H	Granophyre		
I1P	Felsic porphyry		

### 2020 NAN ROCK CODES

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	Monodiorite		
I2I	Quartz Diorite		
I2J	Diorite		
I2K	Monopyroxene		
I2P	Interm. Porphyry		

### MAFIC COMPOSITION

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

### SEDIMENTARY ROCKS

SEDIMENTARY ROCKS		SEDIMENTARY ROCKS	
S	Undifferentiated Sed.	S5	Volcanosedimentary
S1	Sandstone	S51	VS of felsic compog.
S1D	Chert	S52	VS of intermediate c.
S1DA	Oxide chert	S53	VS of mafic comp.
S1DB	Carbonate chert		
S1DC	Silicate chert	SSA	Monogenic breccia
S1DD	Sulphide chert	SSB	Mono 'clast sup' brecc
S1DE	Carbon/graphitic chert	SSC	Mono 'matrix sup' brecc
S1DF	Chart ferruginous	SSD	Polygenic breccia
S1E	Falschale	SSE	Poly 'clast sup' breccia
S1F	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	Caliche (clay)
S2B	Feldspathic arenite	S7B	Caliche (silt)
S2C	Arkose	S7C	Calcareite (sand)
S2D	Arkosic arenite	S7D	Caliche (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		

### METAMORPHIC ROCKS

METAMORPHIC ROCKS		METAMORPHIC ROCKS	
M	Metamorph/tectonic	M7	Granulite
M1	Gneiss	M8	Schist
M10	Paraschist	M8A	Amphibole Schist
M11	Phyllite	M8B	Biotite Schist
M12	Quartzite	M8C	Chlorite Schist
M13	Marble	M8S	Sericite Schist
M14	Calc Silicate / Skarn	M8U	Ultramafic Schist
M15	Metasomatic rock	M9	Orthoschist
M16	Amphibolite	M9S	Mud Seam
M17	Ecolite	M9C	Metamorphic Intrusive
M18	Hornfels	M9D	Contact Hybrid
M19	Mafic Gneiss	M20	Metaschist
M20	Banded gneiss	M21	Diatomite
M21	Metaschist	M22	Mylonite
M22	Mylonite	M23	Tectonic breccia
M23	Mylonite	M24	Impure Quartzite (Feldspathic)
M24	Cataclastite	M25	Pelite
M25	Mylonite	M26	Sulphidic Metasediment
M26	Tectonic breccia	M27	Orthogneiss
M27	Impure Quartzite (Feldspathic)	M28	Paragneiss
M28	Pelite	M29	Quartzofelds. gneiss
M29	Sulphidic Metasediment	M30	Granitic gneiss
M30	Orthogneiss		
M31	Orthogneiss		
M32	Orthogneiss		
M33	Orthogneiss		
M34	Paragneiss		
M35	Quartzofelds. gneiss		
M36	Granitic gneiss		

### ULTRAMAFIC / ULTRABASIC COMPOSITION

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I4	Ultramafic/ultrabasic	V4	Volcanic
I4A	Hornblende	V4A	Komatite
I4B	Pyroxenite	V4B	Pyroxenitic komatite
I4C	Clinopyroxenite	V4C	Peridotitic komatite
I4E	Orthopyroxenite	V4D	Dunite komatite
I4F	Clinopyr. w. olivine		
I4H	Orthopyr. w. olivine		
I4I	Panellite		
I4M	Dunite		
I4N	Serpentinite		
I4P	Ultramafic lamproph.		
I4Q	Kimberlite		
I4R	Carbonatite		

### MIX CLASTIC ROCKS

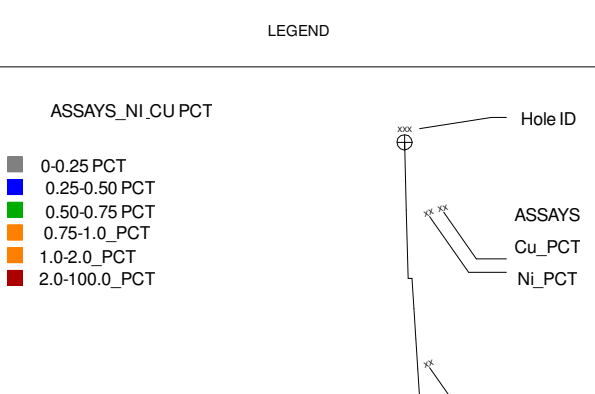
MIX CLASTIC ROCKS		MIX CLASTIC ROCKS	
V5	Volcanosedimentary	V51	VS of felsic compog.
V51	VS of felsic compog.	V52	VS of intermediate c.
V52	VS of intermediate c.	V53	VS of mafic comp.

### PYROCLASTIC ROCKS

PYROCLASTIC ROCKS		PYROCLASTIC ROCKS	
T	Undetermined/mixed	T1	Felsic
T-X	crystal tuff	T1B	Rhyolitic tuff
T1	Felsic	T1BC	Rhyolitic coarse tuff
T1B	Rhyolitic tuff	T1BCL	Rhyolitic coarse to lapilli tuff
T1BC	Rhyolitic coarse tuff	T1BF	Rhyolitic fine tuff
T1BCL	Rhyolitic coarse to lapilli tuff	T1BF-C	Rhyolitic fine to coarse tuff
T1BF	Rhyolitic fine tuff	T1BF-L	Rhyolitic fine to lapilli tuff
T1BF-C	Rhyolitic fine to coarse tuff	T1BL	Rhyolitic lapilli tuff
T1BF-L	Rhyolitic fine to lapilli tuff	T1C	Rhyolitic tuff
T1BL	Rhyolitic lapilli tuff	T1D	Dacitic tuff
T1C	Rhyolitic tuff	T2	Intermediate
T1D	Dacitic tuff	T2B	Andesitic lapilli tuff
T2	Intermediate	T3	Mafic
T2B	Andesitic lapilli tuff	T3BL	Mafic (basaltic) lapilli tuff
T3	Mafic	T4	Ultramafic/ultrabasic
T3BL	Mafic (basaltic) lapilli tuff	TCAT	cherty tuff
T4	Ultramafic/ultrabasic	TL	Lapilli Tuff Undetermined/mixed
TCAT	cherty tuff		
TL	Lapilli Tuff Undetermined/mixed		

### SULPHIDES

SULPHIDES		SULPHIDES	
MS	Massive Sulphides (>75%)	MSXUL	Semi-Massive Breccia Sulphides (25-75%)
MSXUL	Semi-Massive Breccia Sulphides (25-75%)	NET	Networked Sulphides (15-35%) - Minor vein
NET	Networked Sulphides (15-35%) - Minor vein	DIS	Disseminated Sulphides (5-15%) - Minor vein
DIS	Disseminated Sulphides (5-15%) - Minor vein		
		ST/VN	Sulphides / Vein Sulphides - Minor vein only
ST/VN	Sulphides / Vein Sulphides - Minor vein only	SSG	Sulphides / Silicate Globules - Minor vein only
SSG	Sulphides / Silicate Globules - Minor vein only		



Scale 1:1000

**NORTH AMERICAN NICKEL**

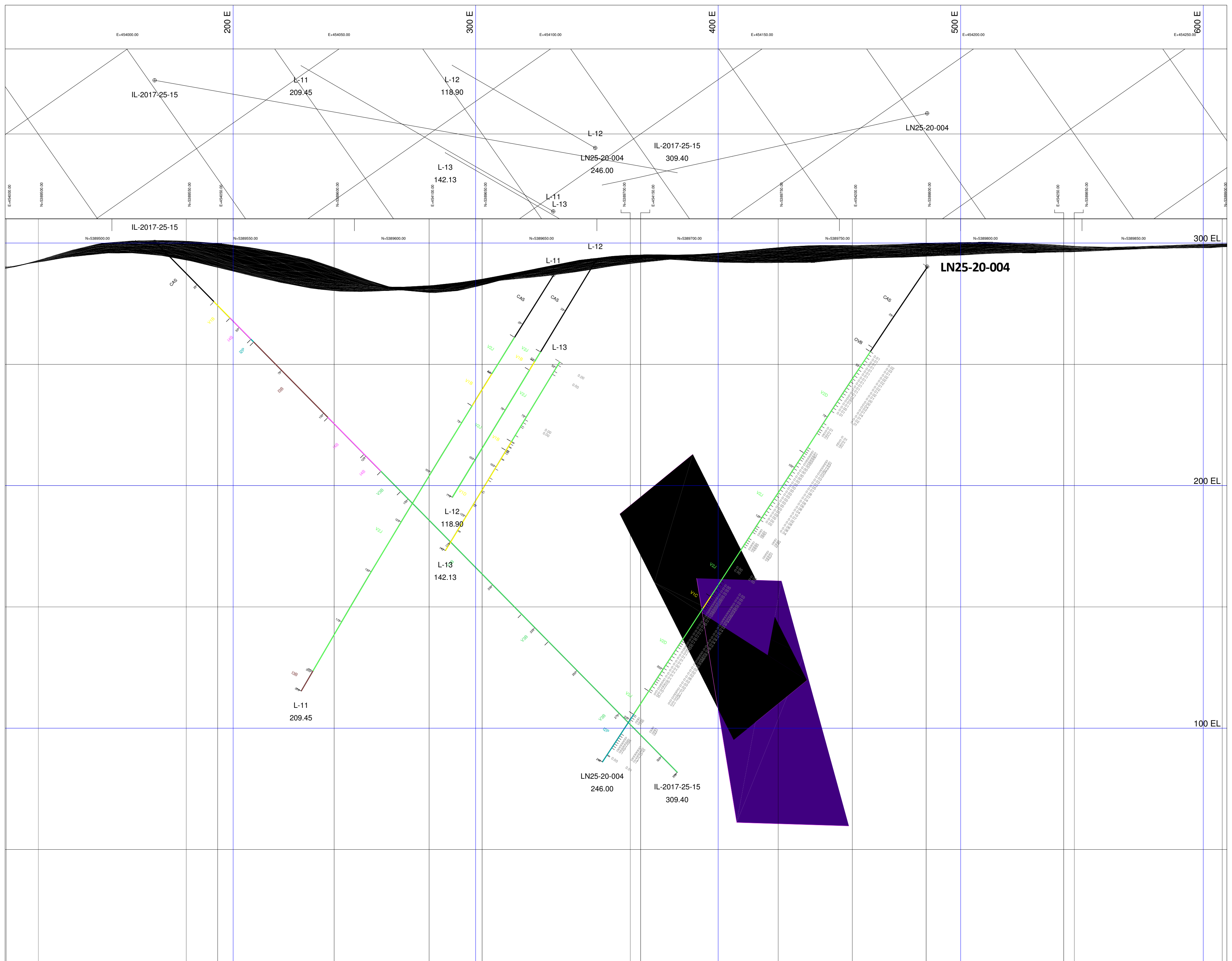
**Loveland Nickel/Enid Creek**

2020 Drilling LoveLand Nickel

LN25-20-001\_002 w Quantec BHEM

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

Date: April 7, 2020



### 2020 NAN ROCK CODES

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I1	Felsic int. Rocks	V1	Felsic volcanic rocks
I1B	Granite	V1B	Rhyolite
I1C	Granodiorite	V1C	Rhyodacite
I1D	Tonalite	V1D	Dacite
I1F	Jaglite		
I1G	Pegmatite		
I1GS	Peg 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
I2F	Quartz monzonite	V2F	Quartz latite
I2G	Monzonite	V2G	Latite
I2H	Quartz Monzonite	V2H	Andesite
I2I	Monzonite		
I2J	Diorite		
I2K	Monzosyenite		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3	Mafic intrusives 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	Perlite
I3H	Gabbroic anorthosite		
I3HX	Heterolithic Gabbro Bx.		
I3I	Leucogabbro		
I3MA	MelaGabbro		
I3J	Norite		
I3L	Inclusion Bearing Norite		
I3MI	MelaNorite		
I3M	Gabbro with Magnetite		
I3N	Norite with Magnetite		
I3K	Gabbro with olivine		
I3L	Norite with olivine		
I3D	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	Peridotitic komatite
I4E	Orthopyroxenite	V4D	Dunitic komatite
I4F	Clinopyroxenite w. olivine		
I4H	Peridotite		
I4I	Dunite		
I4N	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonatite		

SEDIMENTARY ROCKS		MIX CLASTIC ROCKS	
S	Undifferentiated Seds	V5	Volcanosedimentary
S1	Sandstone	V51	V5 of felsic compos.
S10	Chert	V52	V5 of intermediate c.
S10A	Oxide chert	V53	V5 of mafic comp.
S10B	Carbonate chert		
S10C	Silicate chert	S5A	Monogenic breccia
S10D	Sulphide chert	S5B	Mono. 'clast supg' brecc.
S10E	Carbon/graphitic chert	S5C	Mono. 'matrix sup' brecc.
S10F	Chert ferruginous	S5D	Polygenic breccia
S11	Evaporite	S5E	Poly. 'clast supg' breccia
S12	Evaporite	S5F	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	Calcareous (clay)
S2B	Feldspathic arenite	S7B	Calcareous (sand)
S2C	Arkose	S7C	Calcareous (pebble)
S2D	Arkosic arenite	S8	Dolomite
S2E	Lithic arenite	S8A	Dolomite
S2F	Wacke	S8B	Dolomite
S3A	Quartzitic wacke	S8C	Dolomite
S3B	Feldspathic wacke	S9	Iron formation
S3C	Arkose	S9A	Oxide iron formation
S3D	Arkosic wacke	S9B	Oxide iron formation
S3E	Lithic wacke	S9C	Carbonate iron formation
S4	Conglomerate	S9D	Silicate iron formation
S4A	Monogenic conglom.	S9E	Sulphide iron formation
S4B	Mono. 'clast supg' cong.		
S4C	Mono. 'matrix sup' cong.		

PYROCLASTIC ROCKS	
T	Undetermined/mixed
T.X	crystal tuff
T1	felsic
T1B	Rhyolitic tuff
T1BC	Rhyolitic coarse tuff
T1BC-L	Rhyolitic coarse to lapilli tuff
T1BF	Rhyolitic fine tuff
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
T2BL	Andesitic lapilli tuff
T3	Mafic
T3BL	Mafic (basaltic) lapilli tuff
T4	Ultramafic/ultrabasic
T4T	cherty tuff
TL	Lapilli Tuff Undetermined/mixed

SULPHIDES	
MS	Massive Sulphides (0-75%)
SMBXSL	Semi-Massive Breccia Sulphides (25-75%)
BXSUL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>Minor only</i>
DS	Disseminated Sulphides (5-15%) - <i>Minor only</i>
ST/VN	Stringer / Vein Sulphides - <i>Minor only</i>
SSG	Sulphides / Silicate Globules - <i>Minor only</i>

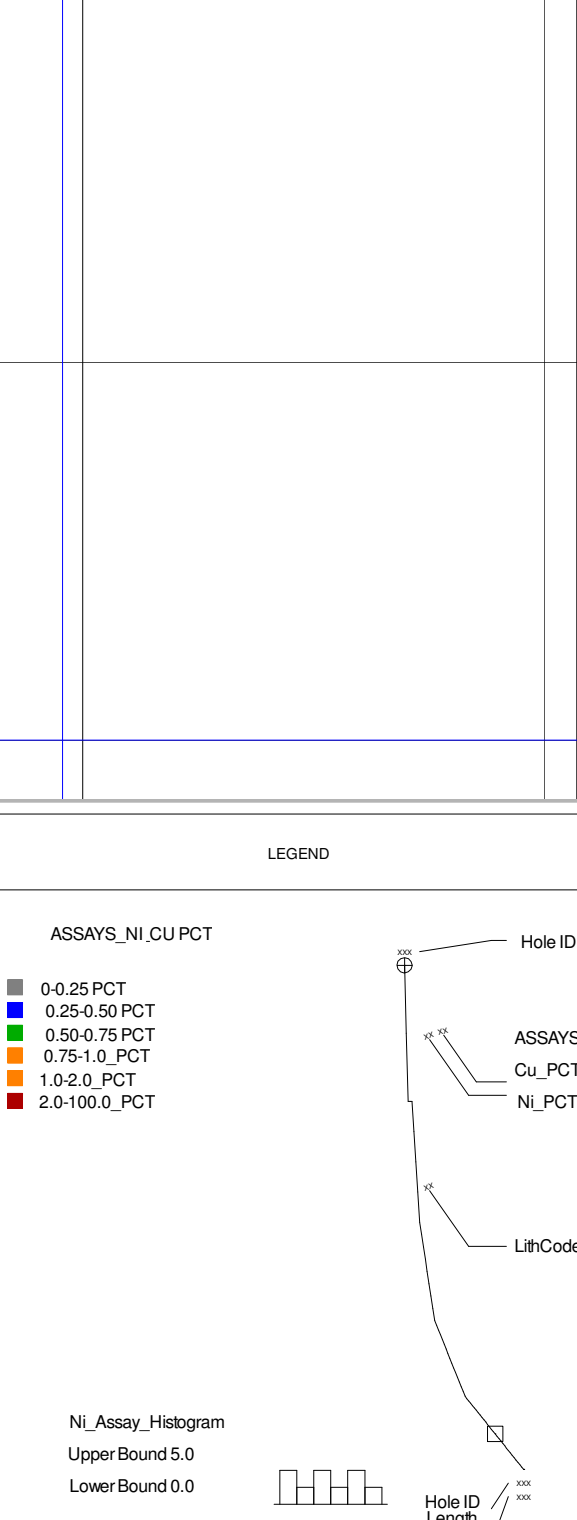
METAMORPHIC ROCKS	
M1	Metamorph/tearitic
M10	Paraschist
M11	Phyllite
M12	Quartzite
M13	M Marble
M14	Calc. Silicate / Skarn
M15	Metasomatic rock
M16	Amphibolite
M17	Eclogite
M18	Hornfels
M19	Mafic Gneiss
M20	Metasiltite
M21	Diatexite
M22	Migmatite
M24	Cataclasite
M25	Mylonite
M26	Tectonic breccia
M27	Impure Quartzite (feldspathic)
M28	Palite
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
MDS	Mud Seam
MICH	Metamorphic Intrusive Contact Hybrid

OTHER GEOLOGY	
AZT	Alteration Zone
FLT	Fault
BXR	Breccia Zone
HBX	Hydrothermal Breccia
SZ	Shear Zone
QV	Quartz Vein
SWK	Stockwork Zone
GOS	Gossan
MSS	Mud Seam
DYK	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



Scale 1:1000

NORTH AMERICAN NICKEL

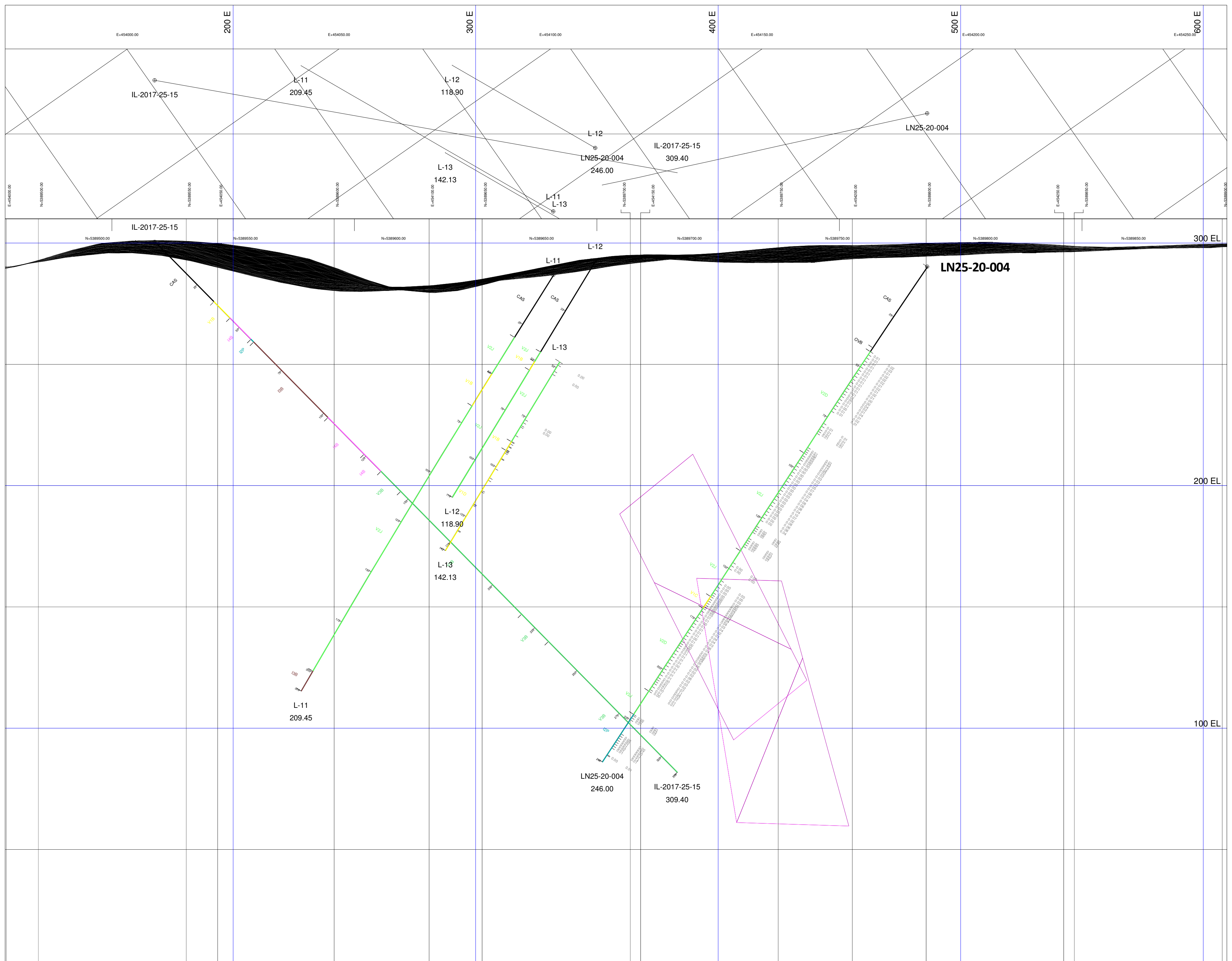
**Loveland Nickel/Enid Creek**

2020 Drilling Loveland Nickel

LN25-20-004 w new BHEM Plates

NAD83 Z17N Section at 035 looking NorthWest +/-35m

Date: April 16, 2020



### 2020 NAN ROCK CODES

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I1	Felsic int. Rocks	V1	Felsic volcanic rocks
I1B	Granite	V1B	Rhyolite
I1C	Granodiorite	V1C	Rhyodacite
I1D	Tonalite	V1D	Dacite
I1F	Jadite		
I1G	Pegmatite		
I1GS	Peg 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
I2F	Quartz monzonite	V2F	Quartz latite
I2G	Monzonite	V2G	Latite
I2G	Quartz Monzonite	V2J	Andesite
I2H	Monzodiorite		
I2I	Quartz diorite		
I2J	Diorite		
I2K	Monzosyenite		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3	Mafic intrusive rocks	V3	Mafic volcanic rocks
I3A	Gabbro	V3A	Andesitic Basalt
I3B	Diabase	V3B	Basalt
I3C	Monzogabbro	V3C	Basalt with quartz
I3D	Ferrogabbro	V3D	Trachybasalt
I3E	Gabbro with quartz	V3E	Basalt with olivine
I3F	Diabase with quartz	V3F	Magnesian basalt
I3G	Anorthosite	V3G	Perlite
I3H	Gabbroic anorthosite		
I3HX	Heterolithic Gabbro Bk.		
I3I	Leucogabbro		
I3MA	MelaGabbro		
I3J	Norite		
I3JL	Inclusion Bearing Norite		
I3MI	MelaNorite		
I3M	Gabbro with Magnetite		
I3N	Norite with Magnetite		
I3K	Gabbro with olivine		
I3L	Norite with olivine		
I3D	Mafic lamprophyre		
I3P	Mafic porphyry		
I3T	Troctolite		
I3VT	Gabbro Varitaxted		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I4	Ultramafic/Ultrabasic	V4	Volcanic
I4A	Hornblende	V4A	Komatite
I4B	Pyroxene	V4B	Pyroxenitic komatite
I4C	Clinopyroxenite	V4C	Peridotitic komatite
I4E	Orthopyroxenite	V4D	Dunitic komatite
I4F	Clinopyr. w. olivine		
I4H	Orthopyr. w. olivine		
I4I	Peridotite		
I4N	Dunite		
I4O	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonate		

SEDIMENTARY ROCKS		MIX CLASTIC ROCKS	
S	Undifferentiated Seds	V5	Volcanosedimentary
S1	Sandstone	V51	V5 of felsic compos.
S1B	Chert	V52	V5 of intermediate c.
S1BA	Oxide chert	V53	V5 of mafic comp.
S1B	Carbonate chert		
S10C	Silicate chert	S5A	Monogenic breccia
S10D	Sulphide chert	S5B	Mono. 'clast supg' brecc
S10E	Carbon/graphitic chert	S5C	Mono. 'matrix sup' brecc
S10F	Chert ferruginous	S5D	Polygenic breccia
S11	Evahlite	S5E	Poly. 'clast supg' breccia
S12	Esoprite	S5F	Poly. 'matrix sup' breccia
S1A	Quartzitic sandstone	S6	Mudrock
S1B	Feldspathic sandstone	S6A	Siltstone
S1C	Arkose	S6B	Argillite
S1D	Arkasic sandstone	S6C	Graphitic Argillite
S1E	Lithic sandstone	S6D	Mudstone
S2	Arenite	S7	Limestone
S2A	Quartzitic arenite	S7A	Calcareite (clay)
S2B	Feldspathic arenite	S7B	Calcareite (sand)
S2C	Arkose	S7C	Calcareite (pebble)
S2D	Arkasic arenite	S7D	Dolomite
S2E	Lithic arenite	S8	Dolomite
S3	Wacke	S8A	Dolomite
S3A	Quartzitic wacke	S8B	Dolomite
S3B	Feldspathic wacke	S8C	Dolomite
S3C	Arkose	S8D	Dolomite
S3D	Arkasic 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 supg' cong	S9E	Sulphide iron formation
S4C	Mono. 'matrix sup' cong		

PYROCLASTIC ROCKS	
T	Undetermined/mixed
T.X	crystal tuff
T1	felsic
T1B	Rhyolitic tuff
T1BC	Rhyolitic coarse tuff
T1BC-L	Rhyolitic coarse to lapilli tuff
T1BF	Rhyolitic fine tuff
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
T2BL	Andesitic lapilli tuff
T3	Mafic
T3BL	Mafic (basaltic) lapilli tuff
T4	Ultramafic/ultrabasic
T4T	cherty tuff
TL	Lapilli Tuff Undetermined/mixed

SULPHIDES	
MS	Massive Sulphides (0-75%)
SMBSUL	Semi-Massive Breccia Sulphides (25-75%)
BXSUL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>Minor only</i>
DS	Disseminated Sulphides (5-15%) - <i>Minor only</i>
ST/VN	Stringer / Vein Sulphides - <i>Minor only</i>
SSG	Sulphides / Silicate Globules - <i>Minor only</i>

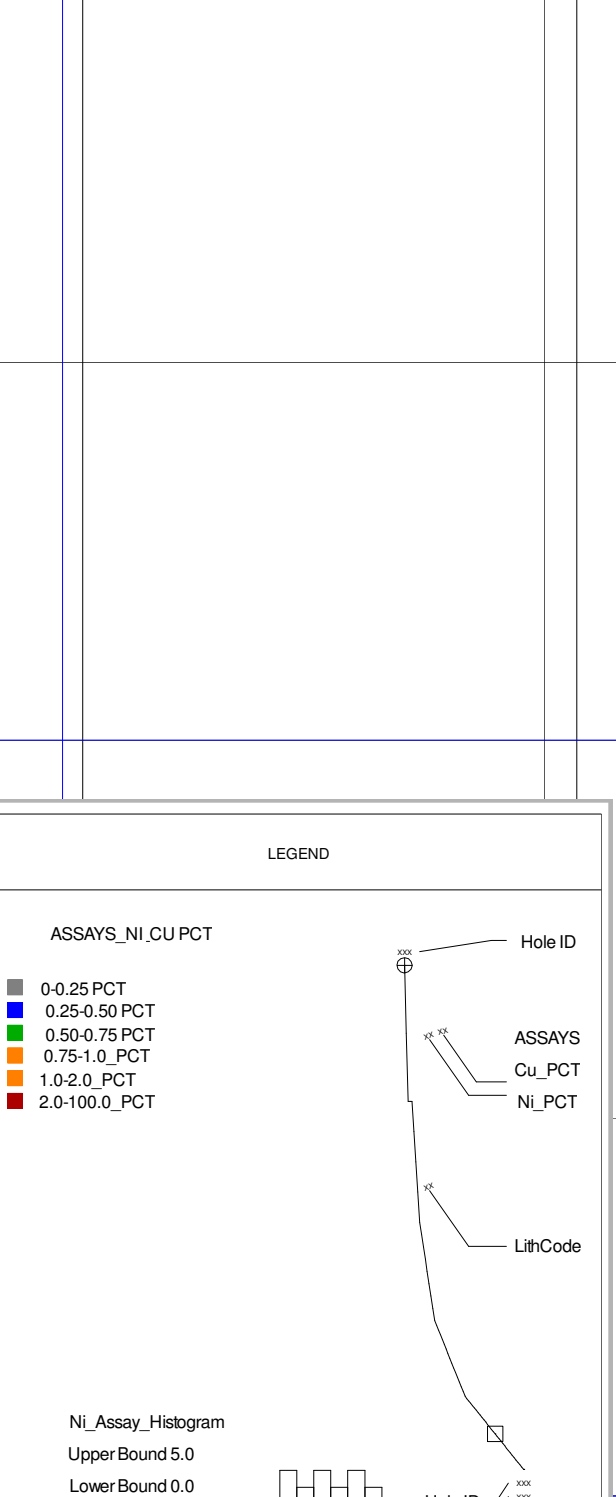
METAMORPHIC ROCKS			
M1	Metamorph/tectonic	M7	Granulite
M10	Paraschist	M8	Schist
M11	Phyllite	M8A	Amphibole Schist
M12	Quartzite	M8B	Biotite Schist
M13	Marble	M8C	Chlorite Schist
M14	Calc. Silicate / Skarn	M8S	Sericite Schist
M15	Metasomatic rock	M8U	Ultramafic Schist
M16	Inclusion Bearing Marble	M9	Orthoschist
M17	Eclogite	M9S	Mud Seam
M18	Hornfels	MICH	Metamorphic Intrusive
M19	Mafic Gneiss		
M20	Banded gneiss		
M21	Metaxenite		
M22	Diatexite		
M23	Mylonite		
M24	Mylonite breccia		
M25	Tectonic breccia		
M26	Impure Quartzite (feldspathic)		
M27	Palite		
M28	Sulphidic Metasediment		
M29	Orthogneiss		
M3	Paragneiss		
M4	Quartzofels, gneiss		
M6	Granitic gneiss		

OTHER GEOLOGY	
ATZ	Alteration Zone
FLT	Fault
BXR	Breccia Zone
HX	Hydrothermal Breccia
SZ	Shear Zone
QV	Quartz Vein
SWK	Stockwork Zone
GOS	Gossan
MSS	Mud Seam
DVK	Dyke

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



-100 EL

Scale 1:1000

NORTH AMERICAN NICKEL

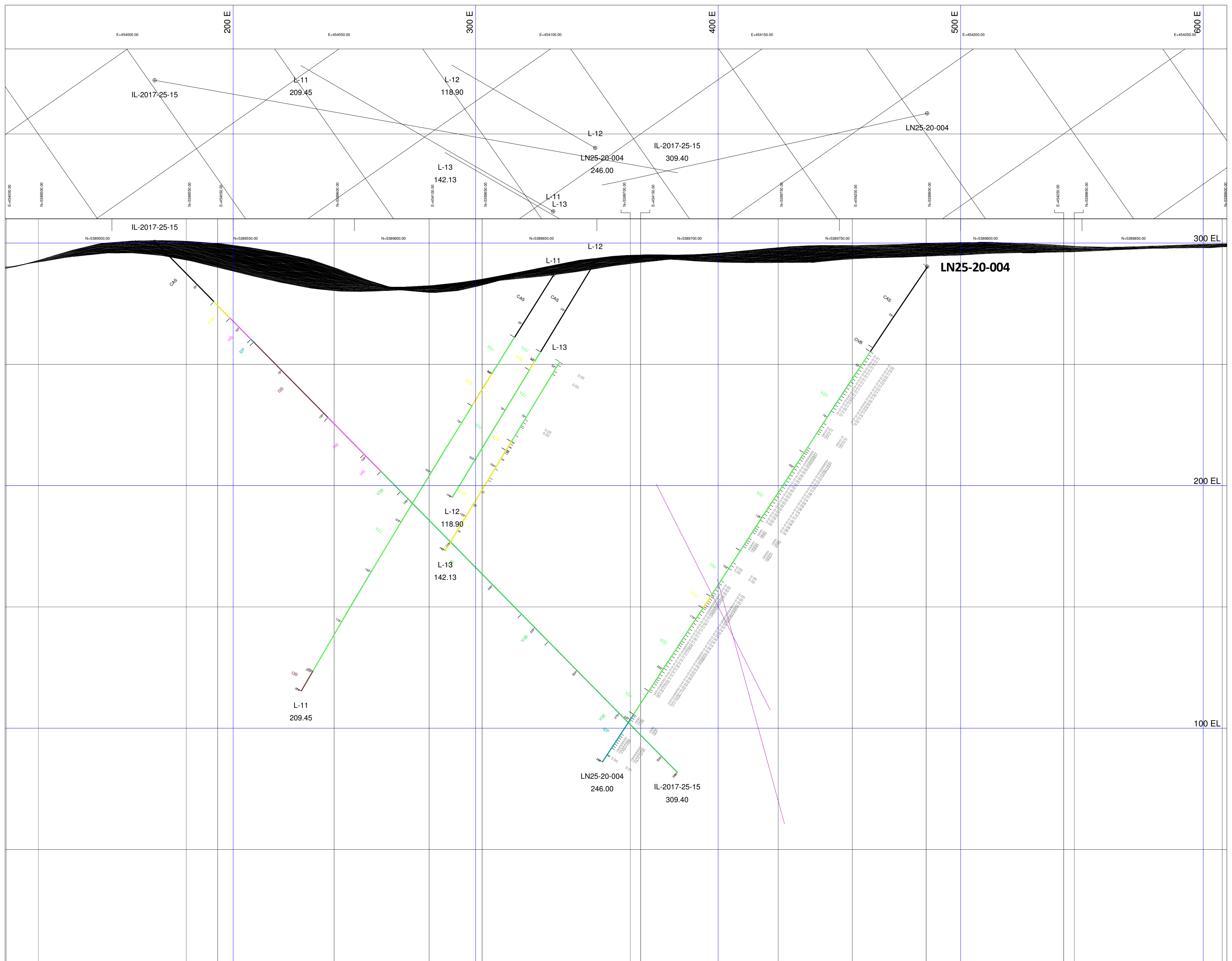
**Loveland Nickel/Enid Creek**

2020 Drilling Loveland Nickel

LN25-20-004 w new BHEM Plates

MAD83 Z17N Section at 035 looking NorthWest +/-35m

Date: April 16, 2020



**2020 NAN ROCK CODES**

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
IL	Felsic int. Rocks	V1	Felsic volcanic rocks
ILB	Granite	V1B	Rhyolite
ILC	Granodiorite	V1C	Rhyodacite
ILD	Tonalite	V1D	Dacite
ILE	Judite		
ILG	Pegmatite		
ILGS	Peg stockwork / Breccia		
ILH	Granophyre		
ILP	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 Monzoniorite	V2G	Andesite
I2H	Monzodiorite		
I2I	Quartz diorite		
I2J	Diorite		
I2K	Monzosyenite		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
IA	Mafic intrusive rocks	V3	Mafic volcanic rocks
IAA	Gabbro	V3A	Andesitic Basalt
IAB	Diorite	V3B	Basalt
IAC	Monzogabbro	V3C	Basalt with quartz
IAD	Ferrogabbro	V3D	Trachybasalt
IAE	Gabbro with quartz	V3E	Basalt with olivine
IAF	Diorite with quartz	V3F	Magnesian basalt
IAG	Anorthosite	V3G	Porfite
IAH	Gabbroic anorthosite		
IAHX	Heterolithic Gabbro Bx.		
IB	Leucogabbro		
IBMA	MelaGabbro		
IBJ	Norite		
IBJL	Inclusion Bearing Norite		
IBK	MelaNorite		
IBM	Gabbro with Magnetite		
IBN	Norite with Magnetite		
IBO	Gabbro with olivine		
IBL	Norite with olivine		
IBD	Mafic lamprophyre		
IBP	Mafic porphyry		
IBT	Troctolite		
IBVT	Gabbro Varitextured		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
IA	Ultramafic/Ultrabasic	V4	Volcanic
IAA	Hornblende	V4A	Komatite
IAB	Pyroxene	V4B	Picroclastic komatite
IAC	Clinopyroxenite	V4C	Peridotitic komatite
IAE	Orthopyroxenite	V4D	Dunitic komatite
IAF	Clinopyr. w. olivine		
IAH	Orthopyr. w. olivine		
IAI	Peridotite		
IAN	Dunite		
IAO	Serpentinite		
IAP	Ultramafic lamproph.		
IAP	Kimberlite		
IAR	Carbonate		

SEDIMENTARY ROCKS	
S	Undifferentiated Seds
S1	Sandstone
S10	Chert
S10A	Oxide chert
S10B	Carbonate chert
S10C	Silicate chert
S10D	Sulphide chert
S10E	Carbon/graphitic chert
S10F	Chert ferruginous
S11	Evaporite
S12	Evaporite
S1A	Quartzitic sandstone
S1B	Feldspathic sandstone
S1C	Arkose
S1D	Arkosic sandstone
S1E	Lithic sandstone
S2	Arenite
S2A	Quartzitic arenite
S2B	Feldspathic arenite
S2C	Arkose
S2D	Arkosic arenite
S2E	Lithic arenite
S2F	Wacke
S3A	Quartzitic wacke
S3B	Feldspathic wacke
S3C	Arkose
S3D	Arkosic wacke
S3E	Lithic wacke
S4	Conglomerate
S4A	Monogenic conglom.
S4B	Mono. 'clast supg' cong
S4C	Mono. 'matrix sup' cong
S5	Lithic tuff
S5A	Monogenic breccia
S5B	Mono. 'clast supg' brecc
S5C	Mono. 'matrix sup' brecc
S5D	Polygenic breccia
S5E	Poly. 'clast supg' breccia
S5F	Poly. 'matrix sup' breccia
S6	Mudrock
S6A	Siltstone
S6B	Argillite
S6C	Graphitic Argillite
S6D	Mudstone
S7	Limestone
S7A	Calcareous (clay)
S7B	Calcareous (sand)
S7C	Calcareous (pebble)
S8	Dolomite
S8A	Dolostone
S8B	Dolostone
S8C	Dolarenite
S8D	Dolarenite
S9	Oxide iron formation
S9A	Silicate iron formation
S9B	Silicate iron formation
S9C	Carbonate iron formation
S9D	Sulphide iron formation

MIX CLASTIC ROCKS	
V5	Volcanosedimentary
V51	V5 of felsic compos.
V52	V5 of intermediate c.
V53	V5 of mafic comp.

PYROCLASTIC ROCKS	
T	Undetermined/mixed
T.X	crystal tuff
T1	felsic
T1B	Rhyolitic tuff
T1BC	Rhyolitic coarse tuff
T1BC-L	Rhyolitic coarse to lapilli tuff
T1BF	Rhyolitic fine tuff
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T1BF-L	Rhyolitic fine to lapilli tuff
T1BL	Rhyolitic lapilli tuff
T1C	Rhyolitic tuff
T1D	Dacitic tuff
T2	Intermediate
T2BL	Andesitic lapilli tuff
T3	Mafic
T3BL	Mafic (basaltic) lapilli tuff
T4	Ultramafic/ultrabasic
T4T	cherty tuff
TL	Lapilli Tuff Undetermined/mixed

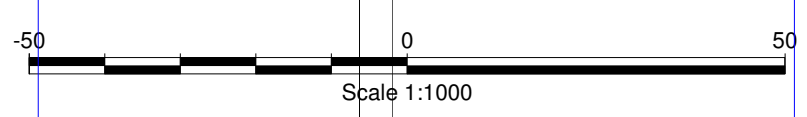
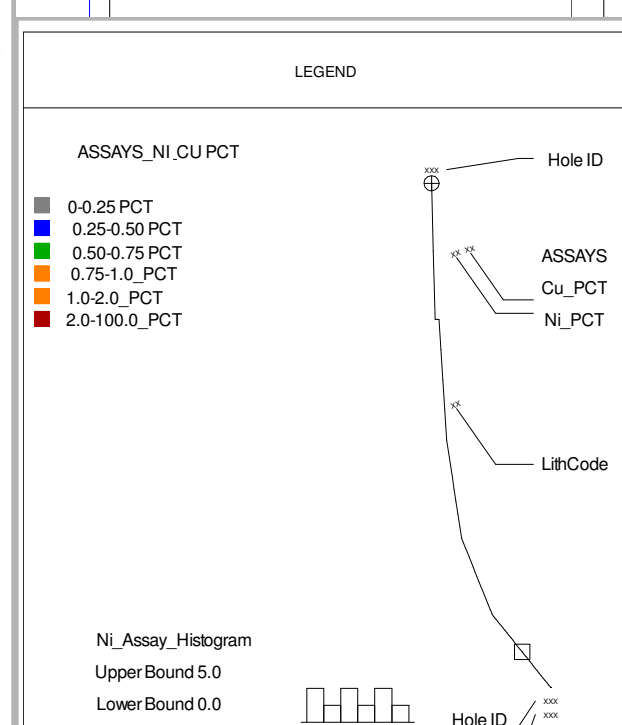
SULPHIDES	
MS	Massive Sulphides (0-75%)
SMBXSUL	Semi-Massive Breccia Sulphides (25-75%)
BXSUL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>minor only</i>
DS	Disseminated Sulphides (5-15%) - <i>minor only</i>
ST/VN	Stringer / Vein Sulphides - <i>minor only</i>
SSG	Sulphides / Silicate Globules - <i>minor only</i>

METAMORPHIC ROCKS	
M	Metamorph/tectonic
M1	Gneiss
M10	Paraschist
M11	Phyllite
M12	Quartzite
M13	Mylonite
M14	Calc. Silicate / Skarn
M15	Metasomatic rock
M16	Amphibolite
M17	Eclogite
M18	Hornfels
M19	Mafic Gneiss
M20	Banded gneiss
M21	Metaxenite
M22	Diatexite
M24	Cataxite
M25	Mylonite
M26	Tectonic breccia
M27	Impure Quartzite (feldspathic)
M28	Palite
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
MDS	Mud Seam
MICH	Metamorphic Intrusive Contact Hybrid

OTHER GEOLOGY	
AZZ	Alteration Zone
FLT	Fault
BXR	Breccia Zone
HXX	Hydrothermal Breccia
SZ	Shear Zone
QV	Quartz Vein
SWK	Stockwork Zone
GOS	Gossan
MDS	Mud Seam
DYK	Dyke
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**

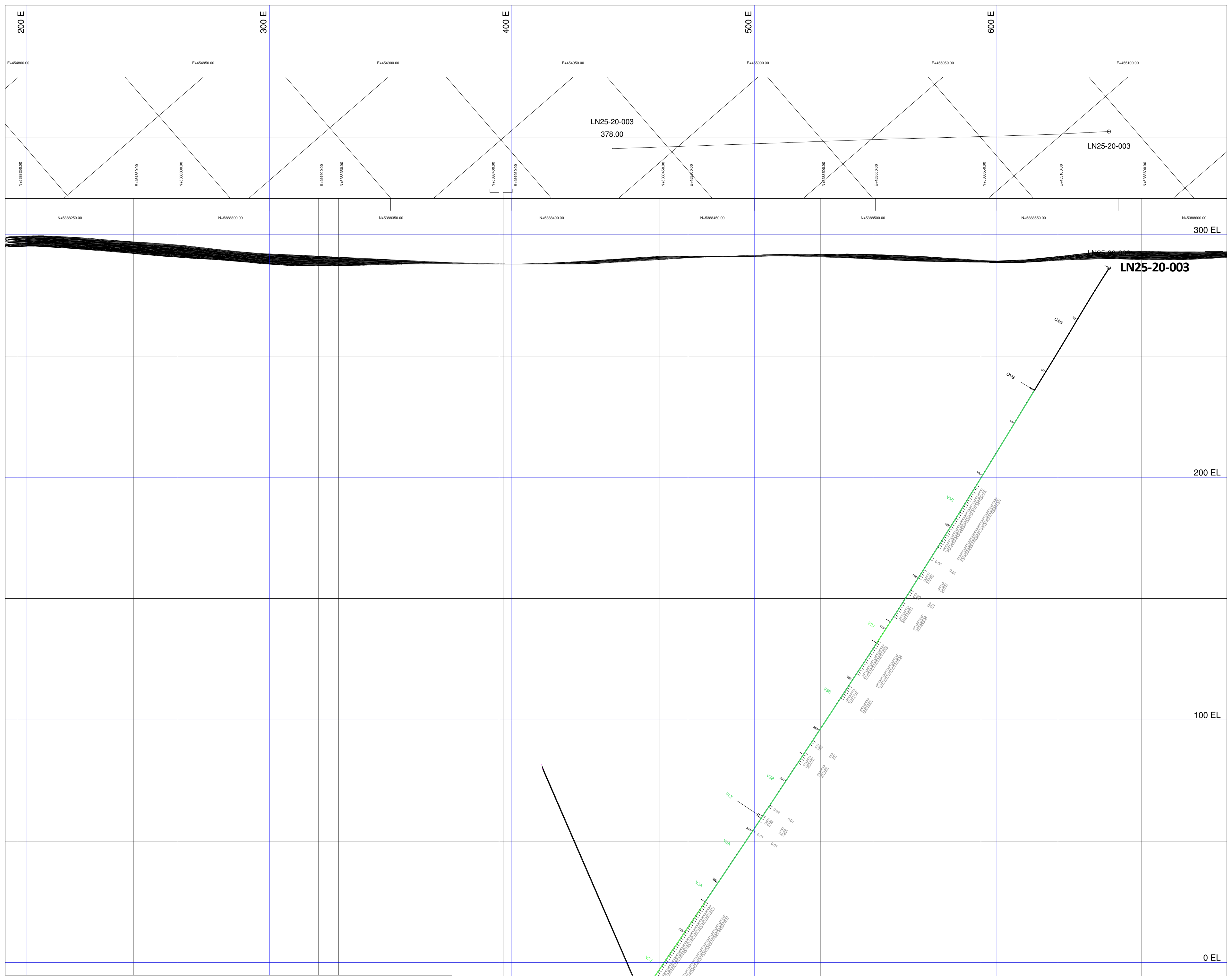
**Loveland Nickel/Enid Creek**

2020 Drilling Loveland Nickel

LN25-20-004 w new BHEM Plates

NAD83 Z17N Section at 035 looking NorthWest +/-35m

Date: April 16, 2020



INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I1	Felsic Int. Rocks	V1	Felsic volcanic rocks
I1B	Granite	V1B	Rhyolite
I1C	Granodiorite	V1C	Rhyodacite
I1D	Tonalite	V1D	Dacite
I1F	Andite		
I1G	Pegmatite		
I1GS	Peg 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 Monzoniorite	V2J	Andesite
I2H	Monzoniorite		
I2I	Quartz Diorite		
I2J	Diorite		
I2K	Monzosyenite		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3A	Gabbro	V3A	Andesitic Basalt
I3B	Diabase	V3B	Basalt
I3C	Monogabbro	V3C	Basalt with quartz
I3D	Ferrogabbro	V3D	Trachybasalt
I3E	Gabbro with quartz	V3E	Basalt with olivine
I3F	Diabase with quartz	V3F	Magnesian basalt
I3G	Anorthosite	V3G	Perlite
I3H	Gabbroic anorthosite		
I3HX	Heterolithic Gabbro Bx.		
I3I	Leucogabbro		
I3MA	MelaGabbro		
I3J	Norite		
I3JL	Leuconorite		
I3K	Inclusion Bearing Norite		
I3MI	MelaNorite		
I3M	Gabbro with Magnetite		
I3N	Norite with Magnetite		
I3O	Gabbro with olivine		
I3L	Norite with olivine		
I3D	Mafic lamprophyre		
I3P	Mafic porphyry		
I3T	Troctolite		
I3VT	Gabbro Varitextured		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I4	Ultramafic/Ultrabasic	V4	Volcanic
I4A	Hornblende	V4A	Tonalite
I4B	Pyroxenite	V4B	Pyroxenitic komatiite
I4C	Clinopyroxenite	V4C	Peridotitic komatiite
I4E	Orthopyroxenite	V4D	Dunitic komatiite
I4F	Clinopyrox w olivine		
I4H	Orthopyrox w olivine		
I4I	Peridotite		
I4N	Dunite		
I4M	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonate		

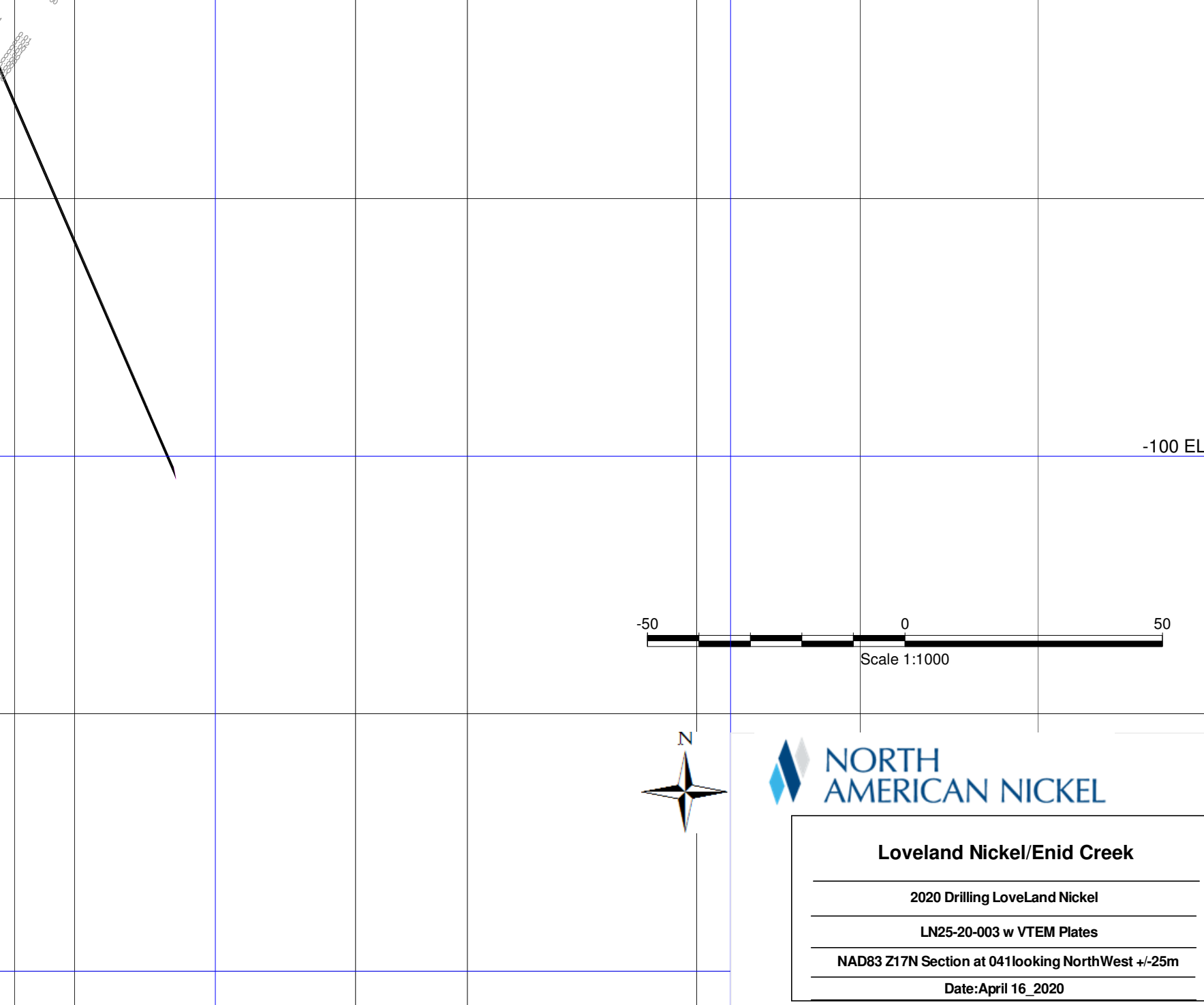
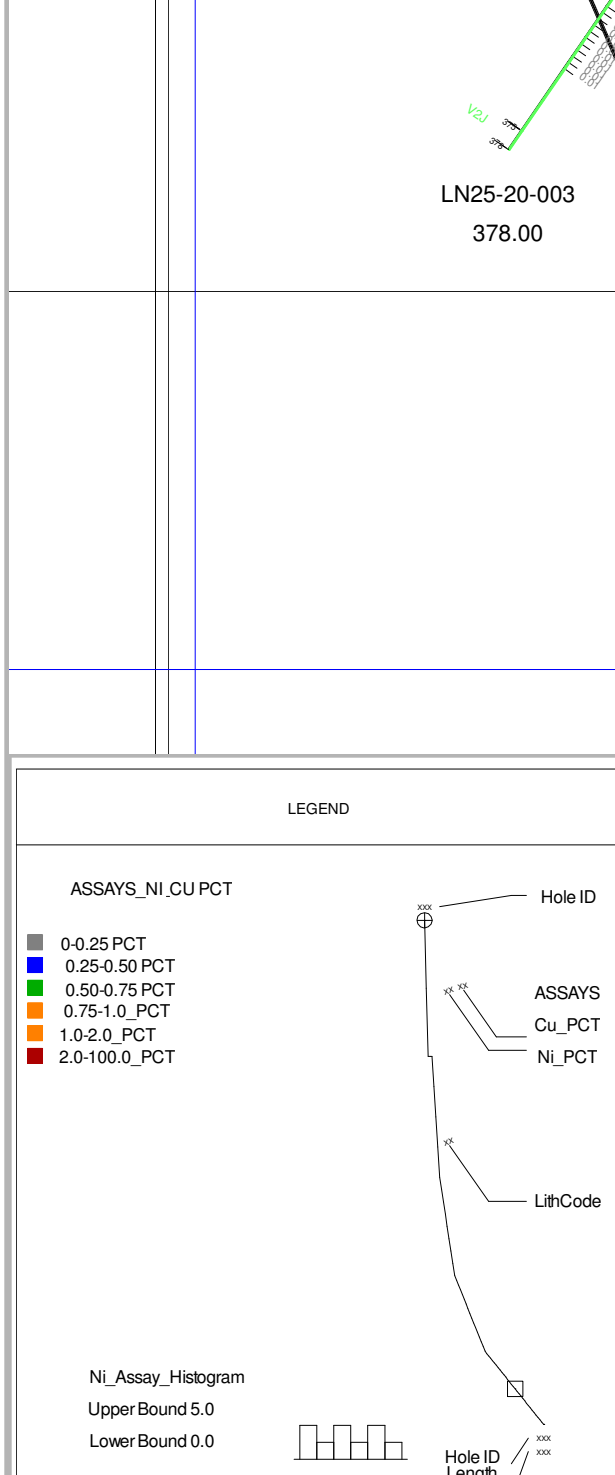
SEDIMENTARY ROCKS		MIX CLASTIC ROCKS	
S	Undifferentiated Seds	V5	Volcanosedimentary
S1	Sandstone	V51	V5 of felsic compos.
S10	Chert	V52	V5 of intermediate c.
S10A	Oxide chert	V53	V5 of mafic comp.
S10B	Carbonate chert		
S10C	Silicate chert	S5A	Monogenic breccia
S10D	Sulphide chert	S5B	Mono. 'clast supg' brecc.
S10E	Carbon/graphitic chert	S5C	Mono. 'matrix sup' brecc.
S10F	Chert ferruginous	S5D	Polygenic breccia
S11	Evaporite	S5E	Poly. 'clast supg' breccia
S12	Evaporite	S5F	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	Calcareous (clay)
S2B	Feldspathic arenite	S7B	Calcareous (sand)
S2C	Arkose	S7C	Calcareous (pebble)
S2D	Arkosic arenite	S7D	Dolomite
S2E	Lithic arenite	S7E	Dolomite
S2F	Wacke	S7A	Dolomite
S3A	Quartzitic wacke	S7B	Dolomite
S3B	Feldspathic wacke	S7C	Dolomite
S3C	Arkose	S7D	Dolomite
S3D	Arkosic wacke	S7E	Dolomite
S3E	Lithic wacke	S7F	Dolomite
S4	Conglomerate	S7G	Dolomite
S4A	Monogenic conglom.	S7H	Dolomite
S4B	Mono. 'clast supg' cong	S7I	Dolomite
S4C	Mono. 'matrix sup' cong	S7J	Dolomite

METAMORPHIC ROCKS		OTHER GEOLOGY	
M1	Metamorph/tectonic	ATZ	Alteration Zone
M10	Paraschist	FLT	Fault
M11	Phyllite	BXR	Breccia Zone
M12	Quartzite	HXR	Hydrothermal Breccia
M13	Marble	SZ	Shear Zone
M14	Calc. Silicate / Skarn	QV	Quartz Vein
M15	Metasomatic rock	SWK	Stockwork Zone
M16	Amphibolite	GOS	Gossan
M17	Eclogite	MDS	Mud Seam
M18	Hornfels	DYK	Dyke
M19	Mafic Gneiss	MIC	Metamorphic Intrusive Contact Hybrid
M20	Metasiltite		
M21	Diatexite		
M22	Migmatite		
M23	Bandied gneiss		
M24	Cataclasite		
M25	Mylonite		
M26	Tectonic breccia		
M27	Impure Quartzite (feldspathic)		
M28	Psilite		
M29	Sulphidic Metasediment		
M3	Orthogneiss		
M4	Paragneiss		
M5	Quartzofels, gneiss		
M6	Granitic gneiss		

ULTRAMAFIC / ULTRABASIC COMPOSITION	
I4	Ultramafic/Ultrabasic
I4A	Hornblende
I4B	Pyroxenite
I4C	Clinopyroxenite
I4E	Orthopyroxenite
I4F	Clinopyrox w olivine
I4H	Orthopyrox w olivine
I4I	Peridotite
I4N	Dunite
I4M	Serpentinite
I4D	Ultramafic lamproph.
I4P	Kimberlite
I4Q	Carbonate



Scale 1:1000

NORTH AMERICAN NICKEL

**Loveland Nickel/Enid Creek**

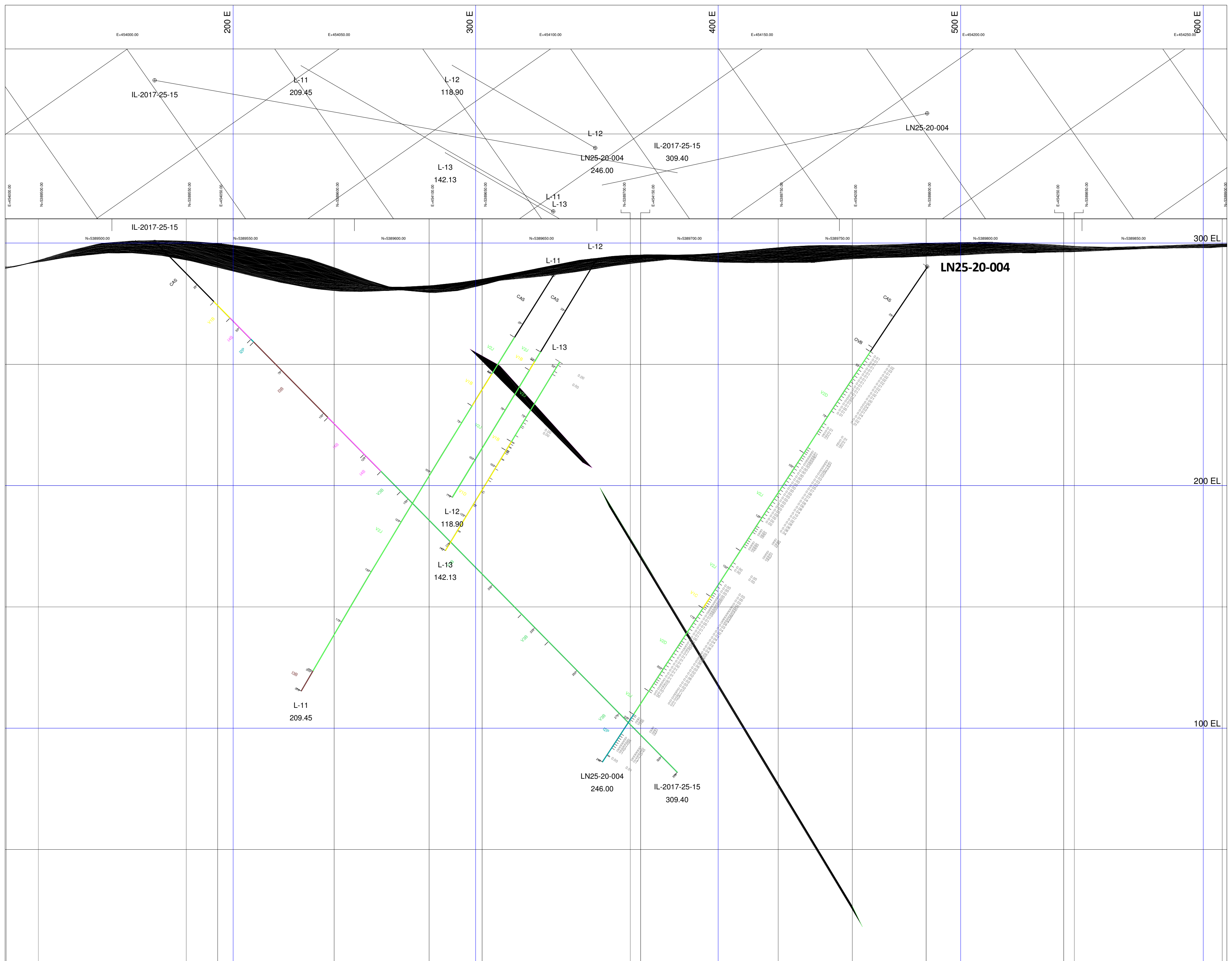
2020 Drilling Loveland Nickel

LN25-20-003 w VTEM Plates

NAD83 Z17N Section at 041 looking NorthWest +/-25m

Date: April 16, 2020





### 2020 NAN ROCK CODES

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
IL	Felsic int. Rocks	V1	Felsic volcanic rocks
ILB	Granite	V1B	Rhyolite
ILC	Granodiorite	V1C	Rhyodacite
ILD	Tonalite	V1D	Dacite
ILE	Jaglite		
ILG	Pegmatite		
ILGS	Peg Stockwork / Breccia		
ILH	Granophyre		
ILP	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	Monzodiorite		
I2I	Quartz diorite		
I2J	Diorite		
I2K	Monzosyenite		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3	Mafic intrusive rocks	V3	Mafic volcanic rocks
I3A	Gabbro	V3A	Andesitic Basalt
I3B	Diabase	V3B	Basalt
I3C	Monzogabbro	V3C	Basalt with quartz
I3D	Ferrogabbro	V3D	Trachybasalt
I3E	Gabbro with quartz	V3E	Basalt with olivine
I3F	Diabase with quartz	V3F	Magnesian basalt
I3G	Anorthosite	V3G	Perlite
I3H	Gabbroic anorthosite		
I3HBX	Heterolithic Gabbro Bx.		
I3I	Leucogabbro		
I3MA	MelaGabbro		
I3J	Norite		
I3JL	Leuconorite		
I3JN	Inclusion Bearing Norite		
I3JM	MelaNorite		
I3MI	Gabbro with Magnetite		
I3N	Norite with Magnetite		
I3K	Gabbro with olivine		
I3L	Norite with olivine		
I3D	Mafic lamprophyre		
I3P	Mafic porphyry		
I3T	Troctolite		
I3VT	Gabbro Varitextured		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I4	Ultramafic/Ultrabasic	V4	Volcanic
I4A	Hornblende	V4A	Komatite
I4B	Pyroxene	V4B	Pyroxenitic komatite
I4C	Clinopyroxenite	V4C	Peridotitic komatite
I4E	Orthopyroxenite	V4D	Dunitic komatite
I4F	Clinopyr. w. olivine		
I4H	Orthopyr. w. olivine		
I4I	Peridotite		
I4N	Dunite		
I4M	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonate		

SEDIMENTARY ROCKS		MIX CLASTIC ROCKS	
S	Undifferentiated Seds	V5	Volcanosedimentary
S1	Sandstone	V51	V5 of felsic compos.
S10	Chert	V52	V5 of intermediate c.
S10A	Oxide chert	V53	V5 of mafic comp.
S10B	Carbonate chert		
S10C	Silicate chert	S5A	Monogenic breccia
S10D	Sulphide chert	S5B	Mono. 'clast supg' brecc.
S10E	Carbon/graphitic chert	S5C	Mono. 'matrix sup' brecc.
S10F	Chert ferruginous	S5D	Polygenic breccia
S11	Evahalite	S5E	Poly. 'clast supg' breccia
S12	Evaporite	S5F	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	Calcareite (clay)
S2B	Feldspathic arenite	S7B	Calcareite (sand)
S2C	Arkose	S7C	Calcareite (pebble)
S2D	Arkosic arenite	S8	Dolomite
S2E	Lithic arenite	S8A	Dolomite
S3	Wacke	S8B	Dolomite
S3A	Quartzitic wacke	S8C	Dolomite
S3B	Feldspathic wacke	S8D	Dolomite
S3C	Arkose	S9	Iron formation
S3D	Arkosic wacke	S9B	Oxide iron formation
S3E	Lithic wacke	S9C	Carbonate iron formation
S4	Conglomerate	S9D	Silicate iron formation
S4A	Monogenic conglom.	S9E	Sulphide iron formation
S4B	Mono. 'clast supg' cong		
S4C	Mono. 'matrix sup' cong		

PYROCLASTIC ROCKS	
T	Undetermined/mixed
T.X	crystal tuff
T1	felsic
T1B	Rhyolitic tuff
T1BC	Rhyolitic coarse tuff
T1BC-L	Rhyolitic coarse to lapilli tuff
T1BF	Rhyolitic fine tuff
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
T2BL	Andesitic lapilli tuff
T3	Mafic
T3BL	Mafic (basaltic) lapilli tuff
T4	Ultramafic/ultrabasic
T4T	cherty tuff
TL	Lapilli Tuff Undetermined/mixed

SULPHIDES	
MS	Massive Sulphides (0-75%)
SMBSUL	Semi-Massive Breccia Sulphides (25-75%)
BXSUL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>Miner. only</i>
DS	Disseminated Sulphides (5-15%) - <i>Miner. only</i>
ST/VN	Stringer / Vein Sulphides - <i>Miner. only</i>
SSG	Sulphides / Silicate Globules - <i>Miner. only</i>

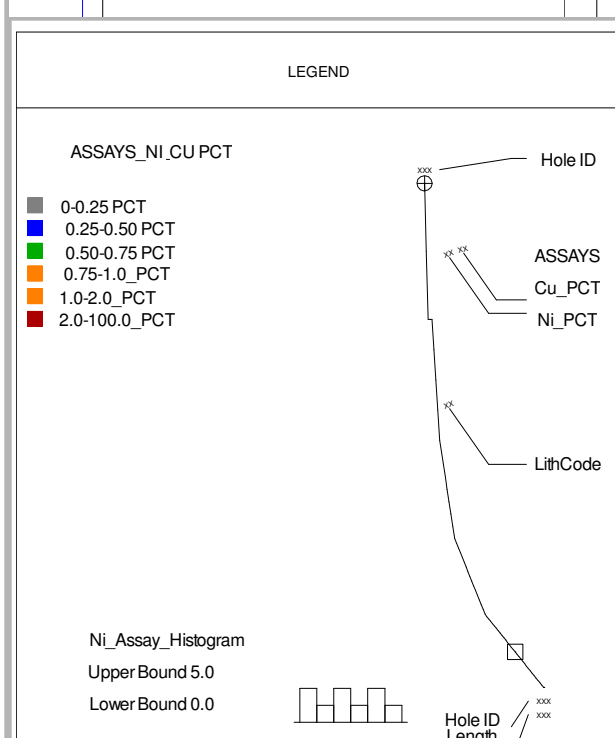
METAMORPHIC ROCKS	
M1	Metamorph/tectonic
M10	Paraschist
M11	Phyllite
M12	Quartzite
M13	Marble
M14	Calc. Silicate / Skarn
M15	Metasomatic rock
M16	Amphibolite
M17	Eclogite
M18	Hornfels
M19	Mafic Gneiss
M20	Metasiltite
M21	Diatexite
M22	Migmatite
M24	Cataclasite
M25	Mylonite
M26	Tectonic breccia
M27	Impure Quartzite (feldspathic)
M28	Pschite
M29	Sulphidic Metasediment
M3	Orthogneiss
M4	Paragneiss
M5	Quartzofels, 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
MDS	Mud Seam
MICH	Metamorphic Intrusive Contact Hybrid

OTHER GEOLOGY	
AZZ	Alteration Zone
FLT	Fault
BXR	Breccia Zone
HXB	Hydrothermal Breccia
SZ	Shear Zone
QV	Quartz Vein
SWK	Stockwork Zone
GOS	Gossan
MES	Mud Seam
DYK	Dyke
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

OTHER	
OVN	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



Scale 1:1000

**NORTH AMERICAN NICKEL**

**Loveland Nickel/Enid Creek**

2020 Drilling Loveland Nickel

LN25-20-004 w VTEM Plates

NAD83 Z17N Section at 035 looking NorthWest +/-35m

Date: April 16, 2020

## 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

## 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>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.							

## 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>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>							

## LITHOLOGY REPORT - Detailed -

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

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

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							

## 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>Final Est (SUL)</i>
	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			<i>Gabbro</i>					
						Chaotic texture/fabric gabbro dykelet.					
	<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			<i>Gabbro</i>					
						Chaotic texture/fabric varitextured gabbro dykelet.					
	<b>Minor Interval:</b>										
	107.60	108.00	I3A			<i>Gabbro</i>					
						Medium to coarse grained bleached gabbro					
	<b>Alteration Min:</b>		<b>Type/Style/Intensity</b>	<b>Comment</b>							
	107.60 - 108.00	BL P M									
112.05	179.45	I3A				<b>Gabbro</b>					
						""Similar unit to one above the intermediate volcanic. Light to medium grey, medium to local coarse					

## LITHOLOGY REPORT - Detailed -

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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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 Project: **NORTH AMERICAN NICKEL**

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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>Est (SUL)</i>		
	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	<i>Quartz Vein</i>									
				qtz vein with minor green amphibole									
179.45	200.90	<b>I3VT</b>	<b>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>	<b>Type/Style/Intensity</b>	<b>Comment</b>	D15009	190.00	191.00	1.00	0.02	0.00	20	0.01	0.10
	179.45 - 184.00	Sil P WM			D15011	191.00	192.00	1.00	0.02	0.00	20	0.03	-
	184.00 - 200.90	EP PCH WM	Variable patchy and along fracture planes		D15012	192.00	193.00	1.00	0.02	0.00	30	0.01	0.20
	184.00 - 200.90	SA P M	Variable		D15013	193.00	194.00	1.00	0.01	0.00	30	0.01	0.20
	184.00 - 200.90	Sil P WM			D15014	194.00	195.00	1.00	0.02	0.02	20	0.06	0.50
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>	D15016	195.00	196.00	1.00	0.02	0.01	30	0.01	0.50
	179.45 - 185.00	NO MIN 0			D15017	196.00	197.00	1.00	0.02	0.01	30	0.05	0.75
	185.00 - 200.90	Po FG 0.15	Local medium blebs		D15018	197.00	198.00	1.00	0.02	0.01	30	0.12	0.25
	185.00 - 200.90	Cp FG 0.15	Local medium blebs		D15019	198.00	199.00	1.00	0.02	0.01	50	0.06	0.20
	185.00 - 200.90	Py FG 0.15			D15020	199.00	200.00	1.00	0.02	0.01	40	0.10	-
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>	D15021	200.00	200.90	0.90	0.02	0.00	20	0.01	-
200.90	207.00	<b>I3A</b>	<b>Gabbro</b>	D15022	200.90	202.00	1.10	0.01	0.00	50	0.01	-	
			""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	D15023	202.00	203.00	1.00	0.01	0.00	20	0.01	-	

## LITHOLOGY REPORT

### - Detailed -

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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</i> <b>Ni</b> (PCT)	<i>Final</i> <b>Cu</b> (PCT)	<i>Final</i> <b>Co</b> (PPM)	<i>Final</i> <b>S</b> (PCT)	<i>Est</i> <b>S</b> (SUL)
		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>									
		<i>Type/Style/Intensity</i>									
		<i>Comment</i>									

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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>									
	207.60 - 223.65	NO MIN 0									
	<b>Structure Maj.:</b>	<b>Type/Core Angle</b>									
	212.50 - 213.30	Flt 30									
	<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>									
	212.50 - 213.30	EP P MS									
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>									
	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""							

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<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											

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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									
		Heavily fractured at low angles to c/a									
		Grey to black gouge with greasy slicken sides									
		<b>Minor Interval:</b>									
		264.45 264.90 DYK									
		<b>Dyke</b>									
		""Sharp contact, approximatley 30dca, felsic dyke, white/grey highly silicified.""									

## 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>Final Est</i> (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	I3VT <i>Varitextured Gabbro</i> ""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.""	D15036	271.00	272.00	1.00	0.04	0.01	50	0.02	-
			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>								
271.00 - 275.50		SA PCH WM									
271.00 - 275.50		TLC P M									
<b>Mineralization Maj. :</b>		<b>Type/Style/%Mineral</b>	<b>Comment</b>								
271.00 - 274.00		Cp BL 0.15									
271.00 - 274.00		Po BL 0.15									
274.00 - 275.00		Cp BL 0.75									
274.00 - 275.00		Po BL 0.75									
275.00 - 275.50		Cp BL 5									
275.00 - 275.50		Po BL 8									
<b>Structure Maj.:</b>		<b>Type/Core Angle</b>	<b>Comment</b>								
275.30 - 275.50		Flt 55	Faulted lower contact								
<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 -

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>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 -

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>
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			Mt F 3						
		<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			SA P W						
		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 -

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)
	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**

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>
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/amygdaloidal frags							
		378.00 - 381.00	Cp FG 0.1	0.1% Cpy fine grained diss within matrix and dark lapilli/amygdaloidal 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**

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</i> <b>Ni</b> (PCT)	<i>Final</i> <b>Cu</b> (PCT)	<i>Final</i> <b>Co</b> (PPM)	<i>Final</i> <b>S</b> (PCT)	<i>Est</i> <b>S</b> (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 -

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>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 (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  
- ICP -**

Hole Number: LN25-20-002

Project: NORTH AMERICAN NICKEL

Project Number: 1

**ICP Report (part 2 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>Mn (ppm)</i>	<i>Mo (ppm)</i>	<i>Na (%)</i>	<i>P (ppm)</i>	<i>Pb (ppm)</i>	<i>S (%)</i>	<i>Sb (ppm)</i>	<i>Sc (ppm)</i>	<i>Sn (ppm)</i>	<i>Sr (ppm)</i>	<i>Te (ppm)</i>	<i>Th (ppm)</i>	<i>Ti (%)</i>	<i>Tl (ppm)</i>	<i>U (ppm)</i>	<i>V (ppm)</i>	<i>W (ppm)</i>	<i>Y (ppm)</i>	<i>Zn (ppm)</i>
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)**

<b>From (m)</b>	<b>To (m)</b>	<b>Length (m)</b>	<b>Sample #</b>	<b>Lab</b>	<b>Certificate #</b>	<b>Date of Certificate</b>	<b>Zr (ppm)</b>	<b>Al2o3 (%)</b>	<b>Cr2o3 (%)</b>	<b>CaO (%)</b>	<b>Fe2o3 (%)</b>	<b>K2o (%)</b>	<b>Mgo (%)</b>	<b>Mno (%)</b>	<b>Sio2 (%)</b>	<b>Tio2 (%)</b>	<b>Nb (ppm)</b>	<b>P (%)</b>	<b>Ta (ppm)</b>
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	-	-	-

# DRILL HOLE REPORT

Hole Number: LN25-20-003

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> 218.39	<b>Length:</b> 60	<b>Dimension:</b> NQ	<b>Township:</b> LOVELAND	<b>Logged by:</b> Jim Sparling & Gerry Katchen
<b>Dip:</b> -56.34	<b>Pulled:</b> no	<b>Storage:</b> Timmins IEP	<b>Claim No.:</b> 103291	<b>Relog by:</b>
<b>Length:</b> 378	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A12	<b>Contractor:</b> NPLH Drilling
<b>Started:</b> 23-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> 29-Feb-20				<b>Surveyed:</b> yes
<b>Logged:</b> 19-Mar-20				<b>Surveyed by:</b> APS
<b>Comment:</b> Casing pushed to 60m but, 63-66m is very bad ground. Requested driller to ream down but casing is jammed solid. Casing block mark was an issue by 3m, appears to be fixed. Hole Gyro'ed and Ave of North Seeking Informaiton is used.				<b>Geophysics:</b> None
			<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>
			<b>East:</b> 455111.83	<b>East:</b> 455111.83
			<b>North:</b> 5388591.54	<b>North:</b> 5388591.54
			<b>Elev.:</b> 286.36	<b>Elev.:</b> 286.36
			<b>Zone:</b> 17N	<b>NAD:</b> NAD83
				<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	218.39	-56.34	C	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
5.00	218.29	-57.71	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
10.00	218.20	-58.19	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
15.00	218.05	-58.64	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
20.00	217.87	-58.76	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
25.00	217.84	-59.16	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
30.00	217.95	-59.23	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
35.00	218.01	-58.97	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
40.00	218.26	-58.72	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
45.00	218.52	-58.49	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
50.00	218.93	-58.41	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
55.00	219.20	-58.51	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
60.00	219.44	-58.68	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
65.00	219.34	-58.68	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
70.00	219.32	-58.72	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
75.00	219.33	-58.72	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
80.00	219.38	-58.67	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
85.00	219.41	-58.60	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
90.00	219.43	-58.54	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
95.00	219.30	-58.37	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
100.00	219.27	-58.31	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
105.00	219.33	-58.23	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
110.00	219.22	-58.14	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
115.00	219.29	-58.09	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
120.00	219.21	-57.99	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
125.00	219.24	-57.94	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro

## HEADER REPORT

Hole Number: \_\_\_\_\_ Project: **NORTH AMERICAN NICKEL** Project Number: **1**

**Deviation Tests**

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
130.00	219.24	-57.90	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
135.00	219.31	-57.79	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
140.00	219.37	-57.72	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
145.00	219.42	-57.73	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
150.00	219.42	-57.71	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
155.00	219.40	-57.69	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
160.00	219.44	-57.61	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
165.00	219.50	-57.49	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
170.00	219.55	-57.32	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
175.00	219.44	-57.11	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
180.00	219.38	-56.97	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
185.00	219.07	-56.81	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
190.00	219.09	-56.69	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
195.00	218.94	-56.71	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
200.00	218.97	-56.70	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
205.00	218.88	-56.67	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
210.00	218.94	-56.66	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
215.00	218.95	-56.64	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
220.00	218.86	-56.63	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
225.00	218.96	-56.59	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
230.00	218.89	-56.59	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
235.00	218.90	-56.52	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
240.00	218.88	-56.52	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
245.00	218.86	-56.47	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
250.00	218.88	-56.42	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
255.00	218.97	-56.40	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
260.00	218.94	-56.39	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
265.00	218.97	-56.37	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
270.00	218.95	-56.33	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
275.00	219.04	-56.28	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro

**Deviation Tests**

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
280.00	219.01	-56.23	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
285.00	218.96	-56.24	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
290.00	218.96	-56.19	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
295.00	218.96	-56.14	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
300.00	218.93	-56.11	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
305.00	218.89	-56.09	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
310.00	218.99	-56.04	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
315.00	218.97	-55.99	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
320.00	218.97	-55.93	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
325.00	218.99	-55.90	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
330.00	219.02	-55.86	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
335.00	219.04	-55.78	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
340.00	219.03	-55.73	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
345.00	219.11	-55.69	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
350.00	219.05	-55.63	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
355.00	219.14	-55.60	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
360.00	219.14	-55.56	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
365.00	219.15	-55.48	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro
370.00	219.26	-55.55	G	<input checked="" type="checkbox"/>	Average of In_Out Reflex Sprint Gyro

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-003**

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>
0.00	59.00	<b>CAS Casing</b>									
59.00	59.30	<b>OVB Overburden/detritus</b> Mix of rubbly boulders and sandy overburden									
59.30	171.55	<b>V3B Basalt</b> Originally logged as Andesite but, Whole Rock geochem suggests basalt. Light to medium green, soft to moderate in hardness, fine grained, locally well foliated by strained amygdules. Unit also has local sections of lapilli frags (qtz and black material). From 59.3m to 80m, unit is highly altered and somewhat friable with eroded cavities (ex-amygdules), almost like a large weathered horizon. Unit has minor chloritic and strong carbonate veining and patchy epidote alteration throughout but increasing from 96m down. Minor to moderate sulphide clots/wisps from 106.65m down, locally strongly conductive. Unit contains large sections of qtz infilled vesicles, plus/minus associated epidote and/or carbonate. Vesicles/amygdules increase in diameter from 114m downwards. Ground Core or 15cm this sand seam from 152.6-152.7m""	D15072	105.00	106.00	1.00	0.01	0.01	40	0.15	-
			D15073	106.00	106.65	0.65	0.01	0.00	40	0.26	-
			D15074	106.65	108.00	1.35	0.00	0.01	10	2.24	7.00
			D15076	108.00	109.00	1.00	0.00	0.00	10	0.71	3.00
			D15077	109.00	110.00	1.00	0.01	0.00	20	0.27	3.00
			D15078	110.00	111.00	1.00	0.00	0.00	20	0.32	3.50
			D15079	111.00	112.00	1.00	0.00	0.01	10	1.17	3.50
			D15080	112.00	113.00	1.00	0.01	0.01	20	0.29	0.25
			D15081	113.00	114.00	1.00	0.01	0.01	10	0.21	0.25
			D15082	114.00	115.00	1.00	0.00	0.00	10	0.11	0.25
			D15083	115.00	116.00	1.00	0.01	0.01	30	0.66	3.50
			D15084	116.00	117.00	1.00	0.00	0.00	20	0.13	0.25
			D15085	117.00	118.00	1.00	0.00	0.00	20	0.19	0.25
			D15086	118.00	119.00	1.00	0.00	0.00	40	0.44	2.50
		<b>Alteration Maj:</b>									
		<b>Type/Style/Intensity</b>									
		<b>Comment</b>									
		59.30 - 81.00	EP	PCH	M						
		59.30 - 81.00	CHL	P	WM						
		81.00 - 97.00	CHL	P	WM						
		81.00 - 97.00	Carb	VN	MS	multiple fracture fillings and veins of carbonate at various angles					
		81.00 - 97.00	EP	PCH	M						



## LITHOLOGY REPORT

### - Detailed -

Hole Number: **LN25-20-003**

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)
97.00 - 114.00		CHL P WM	D15087	119.00	120.00	1.00	0.00	0.01	10	0.62	3.00
97.00 - 114.00		Carb VN WM	D15088	120.00	121.00	1.00	0.00	0.01	40	0.53	3.50
97.00 - 114.00		EP PCH MS	D15089	121.00	122.00	1.00	0.00	0.01	30	0.24	0.75
114.00 - 147.00		EP PCH WM	D15091	122.00	123.00	1.00	0.00	0.00	30	0.29	0.25
114.00 - 147.00		Sil PCH WM	D15092	123.00	124.00	1.00	0.00	0.00	20	0.12	0.25
114.00 - 147.00		CHL P WM	D15093	124.00	125.00	1.00	0.00	0.01	40	0.10	0.25
114.00 - 147.00		Carb PCH W	D15094	125.00	126.00	1.00	0.01	0.01	10	0.11	0.25
147.00 - 149.40		CHL P WM	D15096	126.00	127.00	1.00	0.00	0.02	20	0.73	4.00
147.00 - 149.40		EP PCH MS	D15097	127.00	128.00	1.00	0.00	0.00	20	0.23	3.00
147.00 - 149.40		Carb PCH W	D15098	128.00	129.00	1.00	0.01	0.00	10	0.06	0.25
147.00 - 149.40		Sil P WM	D15099	129.00	130.00	1.00	0.00	0.01	20	0.27	3.00
149.40 - 154.00		CHL P WM	D15100	130.00	131.00	1.00	0.00	0.00	30	0.09	0.25
149.40 - 154.00		Sil PCH WM	D15101	131.00	132.00	1.00	0.00	0.00	20	0.16	0.25
149.40 - 154.00		EP PCH WM	D15102	132.00	133.00	1.00	0.01	0.01	20	0.33	2.00
154.00 - 156.00		Sil P M	D15103	133.00	134.00	1.00	0.00	0.00	10	0.11	0.25
154.00 - 156.00		EP PCH S	D15104	134.00	135.00	1.00	0.01	0.01	10	0.39	3.00
154.00 - 156.00		BL PD MS	D15105	140.00	141.00	1.00	0.00	0.01	20	0.33	1.75
156.00 - 171.55		EP PCH WM	D15106	146.00	147.00	1.00	0.00	0.01	10	0.07	0.25
156.00 - 171.55		Sil P WM	D15107	147.00	148.00	1.00	0.01	0.01	30	0.45	3.00
156.00 - 171.55		CHL P WM	D15108	148.00	149.00	1.00	0.01	0.01	10	0.95	3.00
156.00 - 171.55		Carb PCH WM	D15109	149.00	150.00	1.00	0.01	0.00	20	0.18	0.50
			D15111	156.00	157.00	1.00	0.00	0.01	10	0.20	0.75
			D15112	157.00	158.00	1.00	0.01	0.01	20	0.11	-
			D15113	162.00	163.00	1.00	0.01	0.00	20	0.47	-
			D15114	163.00	164.00	1.00	0.01	0.01	20	0.83	1.00
			D15116	164.00	165.00	1.00	0.01	0.00	10	0.65	4.00
			D15117	165.00	166.00	1.00	0.01	0.00	20	0.42	0.50
		<b>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>	<b>Comment</b>								
71.00 - 72.00		Po BL 0.25	single bleb/wisp of Po								
72.00 - 106.65		Po FG 0.5	fine grained disseminated also associated with amygdules.								

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-003**

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>
	106.65 - 110.60	Cp ws 1 mineralization appears to be concentrated along selvage margins	D15118	166.00	167.00	1.00	0.01	0.01	20	0.80	1.75
	106.65 - 110.60	Py FG 1.5 mineralization appears to be concentrated along selvage margins	D15119	167.00	168.00	1.00	0.01	0.01	30	0.69	5.00
			D15120	168.00	169.00	1.00	0.00	0.01	10	0.29	-
171.55	182.00	<b>V2J Andesite</b> Medium to dark grey, aphanitic-fine grained with local coarse qtz amygdule up to 1.5cm diameter. Unit is not nearly as altered as previously intercepted unit above. Unit is relatively homogenous. Moderately silicified. Nil sulphides. Could be inner part of a larger flow?""  <b>Alteration Maj: Type/Style/Intensity Comment</b> 171.55 - 182.00 Carb VN W 171.55 - 182.00 Sil P WM  <b>Mineralization Maj. : Type/Style/%Mineral Comment</b> 171.55 - 182.00 NO MIN 0	D15121	181.00	182.00	1.00	0.00	0.00	10	0.11	0.25
182.00	237.00	<b>V3B Basalt</b> Originally logged as Andesite but, Whole Rock geochem suggests basalt. Buff yellowish to medium greenish grey, aphanitic/fine grained, locally amygdaloidal but unit presents a lot of pillow selvages marked by orbicular like features marked with darker biotite? Alteration. Selvages are generally mineralized with wisps/clots of Po +/- Cpy and Py. Unit is strongly altered with epidote and carbonate. Amygdules are infilled with silica, carbonate and Po with minor Cpy. Unit becomes more bleached with epidote alteration with depth. Pillow selvages remain quite and evident feature throughout.""  <b>Alteration Maj: Type/Style/Intensity Comment</b> 182.00 - 187.50 Sil P W 182.00 - 187.50 BL P W 182.00 - 187.50 EP P WM 182.00 - 187.50 Carb P M 187.50 - 210.00 Sil P S glassy. Very hard and competent 187.50 - 210.00 Carb P M	D15122	182.00	183.00	1.00	0.01	0.01	30	0.51	2.50
			D15123	183.00	184.00	1.00	0.01	0.01	20	0.83	3.50
			D15124	184.00	185.00	1.00	0.02	0.01	40	0.50	1.00
			D15125	185.00	186.00	1.00	0.01	0.01	30	0.51	2.00
			D15126	186.00	187.00	1.00	0.01	0.01	40	0.17	2.25
			D15127	187.00	188.00	1.00	0.01	0.01	40	0.25	1.75
			D15128	188.00	189.00	1.00	0.01	0.01	30	0.42	0.25
			D15129	189.00	190.00	1.00	0.01	0.01	40	0.33	0.25
			D15131	190.00	191.00	1.00	0.01	0.01	60	0.28	3.50
			D15132	191.00	192.00	1.00	0.01	0.01	30	0.27	0.50
			D15133	192.00	193.00	1.00	0.01	0.01	30	0.46	0.50
			D15134	193.00	194.00	1.00	0.02	0.01	30	0.40	1.00



## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-003**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Final Ni (PCT)	Final Cu (PCT)	Final Co (PPM)	Final S (PCT)	Est (SUL)
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>			<b>Comment</b>					
	237.00 - 239.00	NO MIN	0								
	239.00 - 240.50	Cp	BL 0.25								
	239.00 - 240.50	Po	BL 0.5								
	240.50 - 246.00	Po	DIS 0.25								
	246.00 - 267.55	Po	DIS 0.25								
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>			<b>Comment</b>					
	267.50 - 267.55	ct	55			Lower contact sharp and faulted					
		<b>Minor Interval:</b>									
	255.00	267.55	V2J			<i>Andesite</i>					
		Light to medium green, high epidote, carbonate and silica alteration. Grain size if fine grained and rock is massive. There is an unknown black metallic non-magnetic mineral that is "Salt and Peppering" the core. Possibly tourmaline?, could be very fine grained biotite.									
		<b>Alteration Min:</b>	<b>Type/Style/Intensity</b>			<b>Comment</b>					
	255.00 - 267.55	Sil	P S								
	255.00 - 267.55	Carb	P MS								
	255.00 - 267.55	EP	P S								
267.55	268.50	<b>FLT</b>	<b>Fault</b>	D15156	267.55	268.50	0.95	0.01	0.02	40	0.30 2.00
		Dark grey to black, highly fractured along planes of 50dca to core axis. Dark grey fault zone with local light grey fault gouge present along planes. 2% fine grained disseminated Po/Cpy. Lost core of maybe 0.5m									
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>			<b>Comment</b>					
	267.55 - 268.50	Carb	F M								
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>			<b>Comment</b>					
	267.55 - 268.50	Cp	DIS 0.25			finely grained and disseminated					
	267.55 - 268.50	Po	DIS 1.5			finely grained disseminated					

## LITHOLOGY REPORT - Detailed -

 Hole Number: **LN25-20-003**

 Project: **NORTH AMERICAN NICKEL**

 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>Structure Maj.:</b> 267.55 - 268.50									
		<b>Type/Core Angle</b> Flt 50									
		<b>Comment</b> Fault zone									
268.50	300.65	<b>V3A Andesitic Basalt</b> Originally logged as Andesite but, Whole Rock geochem suggests Andesitic Basalt. Similar to previously drilled unit. Pillowed andesitic unit. Buff yellowish to medium greenish grey, aphanitic/fine grained, locally amygdaloidal but unit presents a lot of pillow selvages marked by orbicular like features (rhines) marked with darker biotite/amphibole? Selvages are generally mineralized with fine disseminations and wisps/clots of Po +/- Cpy and Py, generally average only 0.5% combined Po+Cpy. Unit is strongly altered with epidote and carbonate. Amygdules are infilled with silica, carbonate and Po with minor Cpy. Local little pepper flakes appear to fine grained biotite?""	D15157	268.50	270.00	1.50	0.01	0.01	60	0.23	0.50
			D15158	274.50	275.00	0.50	0.01	0.01	50	0.63	2.00
		<b>Alteration Maj.:</b> 268.50 - 300.65									
		<b>Type/Style/Intensity</b> BL PCH M									
		268.50 - 300.65									
		Sil P MS									
		268.50 - 300.65									
		EP P S									
		268.50 - 300.65									
		Carb P MS									
		<b>Mineralization Maj. :</b> 268.50 - 274.70									
		<b>Type/Style/%Mineral</b> Po DIS 0.25									
		274.70 - 274.80									
		Po VN 2.5									
		274.80 - 300.65									
		Po DIS 0.25									
		<b>Structure Maj.:</b> 276.00 - 279.00									
		<b>Type/Core Angle</b> BLC 0									
		<b>Comment</b> Redrilled Core-must have slipped through core spring. There does not appear to be any shearing/faulting									
300.65	310.05	<b>V3A Andesitic Basalt</b> Originally logged as Andesite but, Whole Rock geochem suggests Andesitic Basalt. Light to medium									

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-003**

Project: **NORTH AMERICAN NICKEL**

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)
		green, locally buff-yellow, aphanitic to fine grained, generally massive with local weak foliation present. Unit has strong epidote and carb alteration with local bleaching. Unit appears to becoming possibly more mafic approx 310m, may be becoming more mafic?. Biotite alteration increases gradually between 310 and 311m.""									
		<b>Alteration Maj:</b>									
		<b>Type/Style/Intensity</b>									
		<b>Comment</b>									
		300.65 - 310.05									
		Sil P MS									
		300.65 - 310.05									
		BL PCH M									
		300.65 - 310.05									
		Carb P S									
		300.65 - 310.05									
		EP P S									
		<b>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>									
		<b>Comment</b>									
		300.65 - 310.05									
		Po DIS 0.25									
310.05	374.95	<b>V2J Andesite</b>									
		Originally logged as Andesitic Basalt. Whole Rock geochem suggests Andesite. Unit is medium to dark green, aphanitic to fine to medium grained, massive, generally non-magnetic with exception of sulphides. Unit has an increase in biotite alteration, chlorite alteration and has some silicification. Bleaching and epidote alteration are absent as are pillows and amygdules/vesicles. Unit has a pronounced increase in Po +/- trace cpy occurring as coarse semi-massive to massive blebs/clots/wisps and vein, all typically are strongly conductive. There are also fine grained Po disseminations (2-3.5%) running throughout core down to approx 336m. Niton Zapping of core suggests that Mg% are around 4-6% and that several hits on Po deliver variable amounts of nickel with the highest being 0.03% (very Fe rich Pyrrhotite). Last two boxes of core appear to have been dropped and appear to be missing some pieces, up to 30cm are missing.""	D15159	310.05	311.00	0.95	0.01	0.01	40	0.06	0.25
			D15160	311.00	312.00	1.00	0.01	0.01	40	0.16	0.25
			D15161	312.00	313.00	1.00	0.01	0.01	60	0.30	2.00
			D15162	313.00	314.00	1.00	0.01	0.01	30	1.02	1.50
			D15163	314.00	315.00	1.00	0.01	0.00	30	0.71	3.00
			D15164	315.00	316.00	1.00	0.01	0.00	20	1.68	5.50
			D15165	316.00	317.00	1.00	0.01	0.00	20	0.30	2.00
			D15166	317.00	318.00	1.00	0.01	0.01	30	0.96	3.00
			D15167	318.00	319.00	1.00	0.01	0.00	30	1.66	5.00
			D15168	319.00	320.00	1.00	0.00	0.00	20	1.05	5.00
			D15169	320.00	321.00	1.00	0.01	0.01	10	1.22	6.00
			D15171	321.00	322.00	1.00	0.01	0.01	40	3.54	10.00
		<b>Alteration Maj:</b>									
		<b>Type/Style/Intensity</b>									
		<b>Comment</b>									
		310.05 - 374.95									
		Carb FF WM									
		310.05 - 374.95									
		Sil P WM									
		310.05 - 374.95									
		BIO P WM									
		310.05 - 374.95									
		CHL P WM									

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-003**

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>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>	<b>Comment</b>								
310.05 - 337.00		Cp ws 0.25		D15172	322.00	323.00	1.00	0.01	0.01	10	2.06 8.00
310.05 - 337.00		Po ws 5.5	Po occurring randomly throughout core as semi massive-massive clots/wisps and veining-strongly conductive	D15173	323.00	324.00	1.00	0.01	0.00	30	1.40 5.00
				D15174	324.00	325.00	1.00	0.01	0.00	20	0.14 0.50
				D15176	325.00	326.00	1.00	0.01	0.00	30	0.30 1.00
310.05 - 337.00		Po DIS 3	3-5% fine grained disseminations	D15177	326.00	327.00	1.00	0.01	0.00	20	0.55 5.00
337.00 - 344.00		Po VN 3	Po occurring randomly throughout core as semi massive-massive clots/wisps and veining-strongly conductive	D15178	327.00	328.00	1.00	0.01	0.00	10	0.67 2.00
				D15179	328.00	329.00	1.00	0.00	0.00	10	0.15 0.25
344.00 - 356.60		Po DIS 0.2	trace	D15180	329.00	330.00	1.00	0.01	0.01	30	0.05 0.25
356.60 - 357.00		Po ws 5	Clotty wispy Po associated with breccia and possible mudstone/mudrock?	D15181	330.00	331.00	1.00	0.01	0.00	10	0.14 0.25
363.00 - 363.40		Cp FF 0.25		D15182	331.00	332.00	1.00	0.00	0.00	10	0.33 2.00
363.00 - 363.40		Po FF 2.5		D15183	332.00	333.00	1.00	0.01	0.00	10	0.12 2.50
				D15184	333.00	334.00	1.00	0.01	0.01	20	1.02 4.00
				D15185	334.00	335.00	1.00	0.01	0.00	10	0.07 0.25
				D15186	335.00	336.00	1.00	0.01	0.00	30	0.34 2.00
				D15187	336.00	337.00	1.00	0.01	0.00	20	0.43 3.00
				D15188	337.00	338.00	1.00	0.01	0.00	10	0.13 1.50
				D15189	338.00	339.00	1.00	0.01	0.01	20	0.46 1.00
				D15191	339.00	340.00	1.00	0.01	0.01	30	1.22 4.00
336.55 - 336.60		Sul Vn 50		D15192	340.00	341.00	1.00	0.01	0.00	10	0.13 0.25
356.60 - 357.00		Sul Vn 40	Healed brecciated sulphide vein with dark grey non conductive material associated with Po	D15193	341.00	342.00	1.00	0.01	0.00	10	0.25 2.00
371.90 - 372.50		B 60	healed breccia with mudstone? Black non-magnetic material. Nil Sulphides	D15194	342.00	343.00	1.00	0.01	0.00	20	0.02 0.25
				D15196	343.00	344.00	1.00	0.01	0.01	10	0.33 2.00
				D15197	344.00	345.00	1.00	0.01	0.00	20	0.27 0.25
				D15198	345.00	346.00	1.00	0.00	0.01	20	0.05 0.25
				D15199	346.00	347.00	1.00	0.01	0.00	10	0.01 0.25
				D15200	355.00	356.00	1.00	0.01	0.01	30	0.06 0.25
				D15201	356.00	357.00	1.00	0.01	0.02	20	1.12 4.00
		<b>Minor Interval:</b>									
356.60	357.00	S6	<i>Mudrock</i>								
			Mudstone associated with brecciated and fractured rock, Po mineralization associated with breccia."""								

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-003**

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>
		<b>Minor Interval:</b>	D15202	357.00	358.00	1.00	0.01	0.00	10	0.11	0.50
363.00	363.50	S6 <i>Mudrock</i>	D15203	358.00	359.00	1.00	0.01	0.01	20	0.21	0.25
		Mudstone associated with brecciated and fractured rock, Po and trace Cpy mineralization associated with breccia."""	D15204	359.00	360.00	1.00	0.01	0.00	10	0.07	0.00
		<b>Minor Interval:</b>	D15205	360.00	361.00	1.00	0.01	0.00	30	0.01	0.00
372.00	372.50	S6 <i>Mudrock</i>	D15206	361.00	362.00	1.00	0.01	0.00	10	0.02	0.00
		Mudstone associated with brecciated and fractured rock	D15207	362.00	363.00	1.00	0.01	0.00	10	0.04	0.25
			D15208	363.00	364.00	1.00	0.01	0.01	20	0.32	1.50
			D15209	364.00	365.00	1.00	0.01	0.00	10	0.01	0.00
374.95	378.00	<b>V2J Andesite</b> Originally logges as Andesitic Basalt. Whole Rock geochem suggests Andesite. Unit is similar to above but could be a chlorite altered mudstone as well. Unit is medium to dark green, locally darker grey, aphanitic to fine grained, non-magnetic, massive. Unit is slightly more silicified than prior units. Unit does not contain any visible sulphides. EOH""									
		<b>Alteration Maj:</b>									
		<b>Type/Style/Intensity</b>									
		<b>Comment</b>									
374.95 - 378.00		BIO P W									
374.95 - 378.00		Sil P MS									
374.95 - 378.00		CHL P WM									
		<b>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>									
		<b>Comment</b>									
374.95 - 378.00		NO MIN 0									
		<b>Minor Interval:</b>									
374.95	378.00	S6 <i>Mudrock</i>									
		Unknown associated dark grey/black material affiliated with volcanic. Unit is strongly silicified than previous above andesitic basalt. Nil sulphides.									



**FULL ANALYTICAL REPORT**  
- Assay -

Hole Number: LN25-20-003

Project: NORTH AMERICAN NICKEL

Project Number: 1

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

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Final Ni (PCT)	Final Cu (PCT)	Final Co (PPM)	Final S (PCT)	Est (SUL)	Ni (100)	Ag (ppm)	Au (ppm)	Au (ppb)	Pd (ppm)	Pd (ppb)	Pt (ppm)	Pt (ppb)	Pulp (SG)	Sgrav (CORE)	Rock (CODE)	og lithm (%)	Pb (%)	Zn (%)
105.00	106.00	1.00	D15072	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	40	0.15	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
106.00	106.65	0.65	D15073	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	40	0.26	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
106.65	108.00	1.35	D15074	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	10	2.24	7.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
108.00	109.00	1.00	D15076	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	10	0.71	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
109.00	110.00	1.00	D15077	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	20	0.27	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
110.00	111.00	1.00	D15078	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	20	0.32	3.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
111.00	112.00	1.00	D15079	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	10	1.17	3.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
112.00	113.00	1.00	D15080	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.29	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
113.00	114.00	1.00	D15081	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	10	0.21	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
114.00	115.00	1.00	D15082	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	10	0.11	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
115.00	116.00	1.00	D15083	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.66	3.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
116.00	117.00	1.00	D15084	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	20	0.13	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
117.00	118.00	1.00	D15085	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	20	0.19	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
118.00	119.00	1.00	D15086	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	40	0.44	2.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
119.00	120.00	1.00	D15087	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	10	0.62	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
120.00	121.00	1.00	D15088	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	40	0.53	3.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
121.00	122.00	1.00	D15089	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	30	0.24	0.75	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
122.00	123.00	1.00	D15091	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	30	0.29	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
123.00	124.00	1.00	D15092	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	20	0.12	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
124.00	125.00	1.00	D15093	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	40	0.10	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
125.00	126.00	1.00	D15094	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	10	0.11	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
126.00	127.00	1.00	D15096	ALS Chemex	SD20059080	09-Apr-20	0.00	0.02	20	0.73	4.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
127.00	128.00	1.00	D15097	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	20	0.23	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
128.00	129.00	1.00	D15098	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	10	0.06	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
129.00	130.00	1.00	D15099	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	20	0.27	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
130.00	131.00	1.00	D15100	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	30	0.09	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
131.00	132.00	1.00	D15101	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	20	0.16	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
132.00	133.00	1.00	D15102	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.33	2.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
133.00	134.00	1.00	D15103	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	10	0.11	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
134.00	135.00	1.00	D15104	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	10	0.39	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01

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

Hole Number: LN25-20-003

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> (%)	
140.00	141.00	1.00	D15105	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	20	0.33	1.75	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
146.00	147.00	1.00	D15106	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	10	0.07	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
147.00	148.00	1.00	D15107	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.45	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
148.00	149.00	1.00	D15108	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	10	0.95	3.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
149.00	150.00	1.00	D15109	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	20	0.18	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
156.00	157.00	1.00	D15111	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	10	0.20	0.75	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
157.00	158.00	1.00	D15112	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.11	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
162.00	163.00	1.00	D15113	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	20	0.47	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
163.00	164.00	1.00	D15114	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.83	1.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
164.00	165.00	1.00	D15116	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	10	0.65	4.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
165.00	166.00	1.00	D15117	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	20	0.42	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
166.00	167.00	1.00	D15118	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.80	1.75	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
167.00	168.00	1.00	D15119	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.69	5.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
168.00	169.00	1.00	D15120	ALS Chemex	SD20059080	09-Apr-20	0.00	0.01	10	0.29	-	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
181.00	182.00	1.00	D15121	ALS Chemex	SD20059080	09-Apr-20	0.00	0.00	10	0.11	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
182.00	183.00	1.00	D15122	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.51	2.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
183.00	184.00	1.00	D15123	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.83	3.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
184.00	185.00	1.00	D15124	ALS Chemex	SD20059080	09-Apr-20	0.02	0.01	40	0.50	1.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
185.00	186.00	1.00	D15125	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.51	2.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
186.00	187.00	1.00	D15126	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	40	0.17	2.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
187.00	188.00	1.00	D15127	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	40	0.25	1.75	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
188.00	189.00	1.00	D15128	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.42	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
189.00	190.00	1.00	D15129	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	40	0.33	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
190.00	191.00	1.00	D15131	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	60	0.28	3.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
191.00	192.00	1.00	D15132	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.27	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
192.00	193.00	1.00	D15133	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	30	0.46	0.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
193.00	194.00	1.00	D15134	ALS Chemex	SD20059080	09-Apr-20	0.02	0.01	30	0.40	1.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
194.00	195.00	1.00	D15136	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	60	0.14	0.50	-	-	0.001	-	0.002	-	0.003	-	-	-	-	NE	0.01	0.01
195.00	196.00	1.00	D15137	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	50	0.27	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01
196.00	197.00	1.00	D15138	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	50	0.27	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.01	0.01





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

Hole Number: LN25-20-003

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> (%)
360.00	361.00	1.00	D15205	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	30	0.01	0.00	-	-	0.002	-	0.001	-	0.003	-	-	-	-	0.01	0.01
361.00	362.00	1.00	D15206	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	10	0.02	0.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	0.01	0.01
362.00	363.00	1.00	D15207	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	10	0.04	0.25	-	-	0.001	-	0.001	-	0.003	-	-	-	-	0.01	0.01
363.00	364.00	1.00	D15208	ALS Chemex	SD20059080	09-Apr-20	0.01	0.01	20	0.32	1.50	-	-	0.001	-	0.001	-	0.003	-	-	-	-	0.01	0.01
364.00	365.00	1.00	D15209	ALS Chemex	SD20059080	09-Apr-20	0.01	0.00	10	0.01	0.00	-	-	0.001	-	0.001	-	0.003	-	-	-	-	0.01	0.00

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

Hole Number: LN25-20-003

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>
105.00	106.00	1.00	D15072	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
106.00	106.65	0.65	D15073	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
106.65	108.00	1.35	D15074	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
108.00	109.00	1.00	D15076	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
109.00	110.00	1.00	D15077	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
110.00	111.00	1.00	D15078	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
111.00	112.00	1.00	D15079	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
112.00	113.00	1.00	D15080	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
113.00	114.00	1.00	D15081	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
114.00	115.00	1.00	D15082	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
115.00	116.00	1.00	D15083	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
116.00	117.00	1.00	D15084	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
117.00	118.00	1.00	D15085	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
118.00	119.00	1.00	D15086	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
119.00	120.00	1.00	D15087	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
120.00	121.00	1.00	D15088	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
121.00	122.00	1.00	D15089	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
122.00	123.00	1.00	D15091	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
123.00	124.00	1.00	D15092	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
124.00	125.00	1.00	D15093	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
125.00	126.00	1.00	D15094	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
126.00	127.00	1.00	D15096	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
127.00	128.00	1.00	D15097	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
128.00	129.00	1.00	D15098	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
129.00	130.00	1.00	D15099	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
130.00	131.00	1.00	D15100	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
131.00	132.00	1.00	D15101	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
132.00	133.00	1.00	D15102	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
133.00	134.00	1.00	D15103	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-

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

Hole Number: LN25-20-003

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>				
134.00	135.00	1.00	D15104	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
140.00	141.00	1.00	D15105	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
146.00	147.00	1.00	D15106	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
147.00	148.00	1.00	D15107	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
148.00	149.00	1.00	D15108	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
149.00	150.00	1.00	D15109	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
156.00	157.00	1.00	D15111	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
157.00	158.00	1.00	D15112	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
162.00	163.00	1.00	D15113	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
163.00	164.00	1.00	D15114	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
164.00	165.00	1.00	D15116	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
165.00	166.00	1.00	D15117	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
166.00	167.00	1.00	D15118	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
167.00	168.00	1.00	D15119	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
168.00	169.00	1.00	D15120	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
181.00	182.00	1.00	D15121	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
182.00	183.00	1.00	D15122	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
183.00	184.00	1.00	D15123	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
184.00	185.00	1.00	D15124	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
185.00	186.00	1.00	D15125	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
186.00	187.00	1.00	D15126	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
187.00	188.00	1.00	D15127	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
188.00	189.00	1.00	D15128	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
189.00	190.00	1.00	D15129	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
190.00	191.00	1.00	D15131	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
191.00	192.00	1.00	D15132	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
192.00	193.00	1.00	D15133	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
193.00	194.00	1.00	D15134	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
194.00	195.00	1.00	D15136	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
195.00	196.00	1.00	D15137	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-

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

Hole Number: LN25-20-003

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>				
196.00	197.00	1.00	D15138	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
203.00	204.00	1.00	D15139	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
204.00	205.00	1.00	D15140	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
205.00	206.00	1.00	D15141	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
206.00	207.00	1.00	D15142	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
207.00	208.00	1.00	D15143	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
208.00	209.00	1.00	D15144	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
230.00	231.00	1.00	D15145	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
231.00	232.00	1.00	D15146	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
236.00	237.00	1.00	D15147	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
237.00	238.00	1.00	D15148	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
238.00	239.00	1.00	D15149	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
239.00	240.00	1.00	D15151	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
240.00	241.00	1.00	D15152	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
262.00	263.00	1.00	D15153	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
267.00	267.55	0.55	D15154	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
267.55	268.50	0.95	D15156	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
268.50	270.00	1.50	D15157	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
274.50	275.00	0.50	D15158	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
310.05	311.00	0.95	D15159	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
311.00	312.00	1.00	D15160	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
312.00	313.00	1.00	D15161	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
313.00	314.00	1.00	D15162	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
314.00	315.00	1.00	D15163	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
315.00	316.00	1.00	D15164	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
316.00	317.00	1.00	D15165	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
317.00	318.00	1.00	D15166	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
318.00	319.00	1.00	D15167	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
319.00	320.00	1.00	D15168	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
320.00	321.00	1.00	D15169	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-



**FULL ANALYTICAL REPORT  
- Assay -**

Hole Number: LN25-20-003

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>
321.00	322.00	1.00	D15171	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
322.00	323.00	1.00	D15172	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
323.00	324.00	1.00	D15173	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
324.00	325.00	1.00	D15174	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
325.00	326.00	1.00	D15176	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
326.00	327.00	1.00	D15177	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
327.00	328.00	1.00	D15178	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
328.00	329.00	1.00	D15179	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
329.00	330.00	1.00	D15180	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
330.00	331.00	1.00	D15181	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
331.00	332.00	1.00	D15182	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
332.00	333.00	1.00	D15183	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
333.00	334.00	1.00	D15184	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
334.00	335.00	1.00	D15185	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
335.00	336.00	1.00	D15186	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
336.00	337.00	1.00	D15187	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
337.00	338.00	1.00	D15188	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
338.00	339.00	1.00	D15189	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
339.00	340.00	1.00	D15191	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
340.00	341.00	1.00	D15192	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
341.00	342.00	1.00	D15193	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
342.00	343.00	1.00	D15194	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
343.00	344.00	1.00	D15196	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
344.00	345.00	1.00	D15197	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
345.00	346.00	1.00	D15198	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
346.00	347.00	1.00	D15199	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
355.00	356.00	1.00	D15200	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
356.00	357.00	1.00	D15201	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
357.00	358.00	1.00	D15202	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
358.00	359.00	1.00	D15203	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-

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

Hole Number: LN25-20-003

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>
359.00	360.00	1.00	D15204	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
360.00	361.00	1.00	D15205	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
361.00	362.00	1.00	D15206	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
362.00	363.00	1.00	D15207	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
363.00	364.00	1.00	D15208	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-
364.00	365.00	1.00	D15209	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-003

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 (%)
105.00	106.00	1.00	D15072	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-	-
106.00	106.65	0.65	D15073	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
106.65	108.00	1.35	D15074	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
108.00	109.00	1.00	D15076	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
109.00	110.00	1.00	D15077	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-	-
110.00	111.00	1.00	D15078	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
111.00	112.00	1.00	D15079	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
112.00	113.00	1.00	D15080	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
113.00	114.00	1.00	D15081	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
114.00	115.00	1.00	D15082	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
115.00	116.00	1.00	D15083	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
116.00	117.00	1.00	D15084	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
117.00	118.00	1.00	D15085	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
118.00	119.00	1.00	D15086	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
119.00	120.00	1.00	D15087	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
120.00	121.00	1.00	D15088	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
121.00	122.00	1.00	D15089	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
122.00	123.00	1.00	D15091	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
123.00	124.00	1.00	D15092	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
124.00	125.00	1.00	D15093	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
125.00	126.00	1.00	D15094	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
126.00	127.00	1.00	D15096	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
127.00	128.00	1.00	D15097	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
128.00	129.00	1.00	D15098	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
129.00	130.00	1.00	D15099	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
130.00	131.00	1.00	D15100	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
131.00	132.00	1.00	D15101	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
132.00	133.00	1.00	D15102	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
133.00	134.00	1.00	D15103	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
134.00	135.00	1.00	D15104	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-003

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 (%)
140.00	141.00	1.00	D15105	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
146.00	147.00	1.00	D15106	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-
147.00	148.00	1.00	D15107	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-
148.00	149.00	1.00	D15108	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
149.00	150.00	1.00	D15109	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
156.00	157.00	1.00	D15111	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-
157.00	158.00	1.00	D15112	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-
162.00	163.00	1.00	D15113	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-
163.00	164.00	1.00	D15114	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
164.00	165.00	1.00	D15116	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
165.00	166.00	1.00	D15117	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
166.00	167.00	1.00	D15118	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
167.00	168.00	1.00	D15119	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
168.00	169.00	1.00	D15120	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
181.00	182.00	1.00	D15121	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
182.00	183.00	1.00	D15122	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
183.00	184.00	1.00	D15123	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
184.00	185.00	1.00	D15124	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
185.00	186.00	1.00	D15125	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
186.00	187.00	1.00	D15126	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
187.00	188.00	1.00	D15127	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
188.00	189.00	1.00	D15128	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
189.00	190.00	1.00	D15129	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
190.00	191.00	1.00	D15131	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
191.00	192.00	1.00	D15132	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
192.00	193.00	1.00	D15133	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
193.00	194.00	1.00	D15134	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
194.00	195.00	1.00	D15136	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
195.00	196.00	1.00	D15137	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
196.00	197.00	1.00	D15138	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-003

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 (%)
203.00	204.00	1.00	D15139	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
204.00	205.00	1.00	D15140	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
205.00	206.00	1.00	D15141	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
206.00	207.00	1.00	D15142	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
207.00	208.00	1.00	D15143	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
208.00	209.00	1.00	D15144	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-
230.00	231.00	1.00	D15145	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
231.00	232.00	1.00	D15146	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
236.00	237.00	1.00	D15147	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
237.00	238.00	1.00	D15148	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
238.00	239.00	1.00	D15149	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
239.00	240.00	1.00	D15151	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
240.00	241.00	1.00	D15152	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
262.00	263.00	1.00	D15153	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
267.00	267.55	0.55	D15154	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
267.55	268.50	0.95	D15156	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
268.50	270.00	1.50	D15157	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
274.50	275.00	0.50	D15158	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
310.05	311.00	0.95	D15159	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
311.00	312.00	1.00	D15160	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
312.00	313.00	1.00	D15161	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
313.00	314.00	1.00	D15162	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
314.00	315.00	1.00	D15163	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
315.00	316.00	1.00	D15164	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
316.00	317.00	1.00	D15165	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
317.00	318.00	1.00	D15166	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
318.00	319.00	1.00	D15167	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
319.00	320.00	1.00	D15168	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
320.00	321.00	1.00	D15169	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
321.00	322.00	1.00	D15171	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-003

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 (%)
322.00	323.00	1.00	D15172	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
323.00	324.00	1.00	D15173	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
324.00	325.00	1.00	D15174	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
325.00	326.00	1.00	D15176	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
326.00	327.00	1.00	D15177	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
327.00	328.00	1.00	D15178	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
328.00	329.00	1.00	D15179	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
329.00	330.00	1.00	D15180	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
330.00	331.00	1.00	D15181	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
331.00	332.00	1.00	D15182	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
332.00	333.00	1.00	D15183	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
333.00	334.00	1.00	D15184	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
334.00	335.00	1.00	D15185	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
335.00	336.00	1.00	D15186	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
336.00	337.00	1.00	D15187	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
337.00	338.00	1.00	D15188	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
338.00	339.00	1.00	D15189	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
339.00	340.00	1.00	D15191	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
340.00	341.00	1.00	D15192	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
341.00	342.00	1.00	D15193	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
342.00	343.00	1.00	D15194	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
343.00	344.00	1.00	D15196	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
344.00	345.00	1.00	D15197	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
345.00	346.00	1.00	D15198	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
346.00	347.00	1.00	D15199	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
355.00	356.00	1.00	D15200	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
356.00	357.00	1.00	D15201	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
357.00	358.00	1.00	D15202	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
358.00	359.00	1.00	D15203	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-
359.00	360.00	1.00	D15204	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT  
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Hole Number: LN25-20-003

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> (%)
360.00	361.00	1.00	D15205	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
361.00	362.00	1.00	D15206	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
362.00	363.00	1.00	D15207	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
363.00	364.00	1.00	D15208	ALS Chemex	SD20059080	09-Apr-20	-	50	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
364.00	365.00	1.00	D15209	ALS Chemex	SD20059080	09-Apr-20	-	100	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-003

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)
105.00	106.00	1.00	D15072	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.00	106.65	0.65	D15073	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.65	108.00	1.35	D15074	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108.00	109.00	1.00	D15076	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109.00	110.00	1.00	D15077	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110.00	111.00	1.00	D15078	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111.00	112.00	1.00	D15079	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112.00	113.00	1.00	D15080	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113.00	114.00	1.00	D15081	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114.00	115.00	1.00	D15082	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115.00	116.00	1.00	D15083	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116.00	117.00	1.00	D15084	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117.00	118.00	1.00	D15085	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118.00	119.00	1.00	D15086	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119.00	120.00	1.00	D15087	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120.00	121.00	1.00	D15088	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121.00	122.00	1.00	D15089	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122.00	123.00	1.00	D15091	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123.00	124.00	1.00	D15092	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124.00	125.00	1.00	D15093	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.00	126.00	1.00	D15094	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126.00	127.00	1.00	D15096	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127.00	128.00	1.00	D15097	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128.00	129.00	1.00	D15098	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129.00	130.00	1.00	D15099	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130.00	131.00	1.00	D15100	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131.00	132.00	1.00	D15101	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132.00	133.00	1.00	D15102	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133.00	134.00	1.00	D15103	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134.00	135.00	1.00	D15104	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-003

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)
140.00	141.00	1.00	D15105	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146.00	147.00	1.00	D15106	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147.00	148.00	1.00	D15107	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148.00	149.00	1.00	D15108	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149.00	150.00	1.00	D15109	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156.00	157.00	1.00	D15111	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157.00	158.00	1.00	D15112	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162.00	163.00	1.00	D15113	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163.00	164.00	1.00	D15114	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164.00	165.00	1.00	D15116	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165.00	166.00	1.00	D15117	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166.00	167.00	1.00	D15118	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
167.00	168.00	1.00	D15119	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168.00	169.00	1.00	D15120	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181.00	182.00	1.00	D15121	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
182.00	183.00	1.00	D15122	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183.00	184.00	1.00	D15123	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
184.00	185.00	1.00	D15124	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
185.00	186.00	1.00	D15125	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186.00	187.00	1.00	D15126	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
187.00	188.00	1.00	D15127	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188.00	189.00	1.00	D15128	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189.00	190.00	1.00	D15129	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190.00	191.00	1.00	D15131	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
191.00	192.00	1.00	D15132	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
192.00	193.00	1.00	D15133	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
193.00	194.00	1.00	D15134	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
194.00	195.00	1.00	D15136	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
195.00	196.00	1.00	D15137	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196.00	197.00	1.00	D15138	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-003

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)
203.00	204.00	1.00	D15139	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204.00	205.00	1.00	D15140	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205.00	206.00	1.00	D15141	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206.00	207.00	1.00	D15142	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
207.00	208.00	1.00	D15143	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208.00	209.00	1.00	D15144	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230.00	231.00	1.00	D15145	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
231.00	232.00	1.00	D15146	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
236.00	237.00	1.00	D15147	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
237.00	238.00	1.00	D15148	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
238.00	239.00	1.00	D15149	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
239.00	240.00	1.00	D15151	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240.00	241.00	1.00	D15152	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
262.00	263.00	1.00	D15153	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
267.00	267.55	0.55	D15154	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
267.55	268.50	0.95	D15156	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268.50	270.00	1.50	D15157	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
274.50	275.00	0.50	D15158	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310.05	311.00	0.95	D15159	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
311.00	312.00	1.00	D15160	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
312.00	313.00	1.00	D15161	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
313.00	314.00	1.00	D15162	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
314.00	315.00	1.00	D15163	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
315.00	316.00	1.00	D15164	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
316.00	317.00	1.00	D15165	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
317.00	318.00	1.00	D15166	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
318.00	319.00	1.00	D15167	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
319.00	320.00	1.00	D15168	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320.00	321.00	1.00	D15169	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
321.00	322.00	1.00	D15171	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-003

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)
322.00	323.00	1.00	D15172	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
323.00	324.00	1.00	D15173	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
324.00	325.00	1.00	D15174	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
325.00	326.00	1.00	D15176	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
326.00	327.00	1.00	D15177	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
327.00	328.00	1.00	D15178	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
328.00	329.00	1.00	D15179	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
329.00	330.00	1.00	D15180	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
330.00	331.00	1.00	D15181	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
331.00	332.00	1.00	D15182	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
332.00	333.00	1.00	D15183	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
333.00	334.00	1.00	D15184	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
334.00	335.00	1.00	D15185	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
335.00	336.00	1.00	D15186	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
336.00	337.00	1.00	D15187	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
337.00	338.00	1.00	D15188	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
338.00	339.00	1.00	D15189	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
339.00	340.00	1.00	D15191	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
340.00	341.00	1.00	D15192	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
341.00	342.00	1.00	D15193	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
342.00	343.00	1.00	D15194	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
343.00	344.00	1.00	D15196	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
344.00	345.00	1.00	D15197	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
345.00	346.00	1.00	D15198	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
346.00	347.00	1.00	D15199	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
355.00	356.00	1.00	D15200	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
356.00	357.00	1.00	D15201	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
357.00	358.00	1.00	D15202	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
358.00	359.00	1.00	D15203	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
359.00	360.00	1.00	D15204	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**

**- ICP -**

Hole Number: **LN25-20-003**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

**ICP Report (part 2 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>Mn (ppm)</i>	<i>Mo (ppm)</i>	<i>Na (%)</i>	<i>P (ppm)</i>	<i>Pb (ppm)</i>	<i>S (%)</i>	<i>Sb (ppm)</i>	<i>Sc (ppm)</i>	<i>Sn (ppm)</i>	<i>Sr (ppm)</i>	<i>Te (ppm)</i>	<i>Th (ppm)</i>	<i>Ti (%)</i>	<i>Tl (ppm)</i>	<i>U (ppm)</i>	<i>V (ppm)</i>	<i>W (ppm)</i>	<i>Y (ppm)</i>	<i>Zn (ppm)</i>	
360.00	361.00	1.00	D15205	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
361.00	362.00	1.00	D15206	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
362.00	363.00	1.00	D15207	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
363.00	364.00	1.00	D15208	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
364.00	365.00	1.00	D15209	ALS Chemex	SD20059080	09-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-003

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)
105.00	106.00	1.00	D15072	ALS Chemex	SD20059080	09-Apr-20	-	14.25	0.02	11.45	12.35	0.20	4.59	0.19	47.90	1.16	-	-	-
106.00	106.65	0.65	D15073	ALS Chemex	SD20059080	09-Apr-20	-	14.00	0.01	11.85	11.15	0.30	3.48	0.22	47.30	1.09	-	-	-
106.65	108.00	1.35	D15074	ALS Chemex	SD20059080	09-Apr-20	-	12.45	0.01	5.34	15.80	1.00	3.24	0.25	53.50	0.82	-	-	-
108.00	109.00	1.00	D15076	ALS Chemex	SD20059080	09-Apr-20	-	13.55	0.01	5.51	10.30	1.00	2.83	0.17	54.50	1.00	-	-	-
109.00	110.00	1.00	D15077	ALS Chemex	SD20059080	09-Apr-20	-	13.05	0.03	7.30	11.40	0.80	5.87	0.20	52.60	0.99	-	-	-
110.00	111.00	1.00	D15078	ALS Chemex	SD20059080	09-Apr-20	-	14.85	0.01	6.74	9.43	0.50	2.94	0.12	59.30	1.06	-	-	-
111.00	112.00	1.00	D15079	ALS Chemex	SD20059080	09-Apr-20	-	14.70	0.01	5.81	10.50	1.20	3.39	0.11	58.00	0.89	-	-	-
112.00	113.00	1.00	D15080	ALS Chemex	SD20059080	09-Apr-20	-	14.55	0.01	6.06	8.41	1.10	3.46	0.12	57.30	0.90	-	-	-
113.00	114.00	1.00	D15081	ALS Chemex	SD20059080	09-Apr-20	-	15.40	0.01	6.52	8.87	1.20	3.74	0.11	57.10	0.95	-	-	-
114.00	115.00	1.00	D15082	ALS Chemex	SD20059080	09-Apr-20	-	14.85	0.01	6.55	8.33	1.10	3.56	0.11	56.50	0.91	-	-	-
115.00	116.00	1.00	D15083	ALS Chemex	SD20059080	09-Apr-20	-	14.35	0.01	5.88	9.85	0.60	3.71	0.13	57.30	0.88	-	-	-
116.00	117.00	1.00	D15084	ALS Chemex	SD20059080	09-Apr-20	-	14.65	0.01	6.51	7.77	1.40	3.32	0.11	56.00	0.89	-	-	-
117.00	118.00	1.00	D15085	ALS Chemex	SD20059080	09-Apr-20	-	15.40	0.01	5.81	8.83	1.30	3.82	0.12	56.90	0.96	-	-	-
118.00	119.00	1.00	D15086	ALS Chemex	SD20059080	09-Apr-20	-	15.20	0.01	6.49	9.73	0.70	3.79	0.13	56.50	0.96	-	-	-
119.00	120.00	1.00	D15087	ALS Chemex	SD20059080	09-Apr-20	-	14.40	0.01	6.21	9.72	0.60	3.47	0.13	57.80	0.86	-	-	-
120.00	121.00	1.00	D15088	ALS Chemex	SD20059080	09-Apr-20	-	14.10	0.01	8.31	9.14	0.70	3.02	0.13	56.30	0.82	-	-	-
121.00	122.00	1.00	D15089	ALS Chemex	SD20059080	09-Apr-20	-	14.90	0.01	5.88	8.59	0.90	3.53	0.13	58.20	0.93	-	-	-
122.00	123.00	1.00	D15091	ALS Chemex	SD20059080	09-Apr-20	-	15.05	0.01	6.44	9.12	0.50	3.69	0.14	58.80	0.93	-	-	-
123.00	124.00	1.00	D15092	ALS Chemex	SD20059080	09-Apr-20	-	14.85	0.01	7.67	7.11	0.50	2.96	0.10	60.30	0.90	-	-	-
124.00	125.00	1.00	D15093	ALS Chemex	SD20059080	09-Apr-20	-	15.25	0.01	6.25	8.67	0.60	3.76	0.12	57.80	0.93	-	-	-
125.00	126.00	1.00	D15094	ALS Chemex	SD20059080	09-Apr-20	-	15.15	0.01	6.32	8.44	1.00	3.76	0.13	57.10	0.93	-	-	-
126.00	127.00	1.00	D15096	ALS Chemex	SD20059080	09-Apr-20	-	14.25	0.01	6.84	10.35	0.70	3.73	0.14	56.90	0.87	-	-	-
127.00	128.00	1.00	D15097	ALS Chemex	SD20059080	09-Apr-20	-	14.95	0.01	5.98	8.96	0.90	3.60	0.13	59.70	0.90	-	-	-
128.00	129.00	1.00	D15098	ALS Chemex	SD20059080	09-Apr-20	-	15.10	0.01	6.07	8.32	1.00	3.54	0.13	59.50	0.92	-	-	-
129.00	130.00	1.00	D15099	ALS Chemex	SD20059080	09-Apr-20	-	15.25	0.01	6.51	9.33	1.20	3.78	0.13	56.70	0.95	-	-	-
130.00	131.00	1.00	D15100	ALS Chemex	SD20059080	09-Apr-20	-	14.95	0.01	6.07	8.64	1.00	3.60	0.13	58.60	0.91	-	-	-
131.00	132.00	1.00	D15101	ALS Chemex	SD20059080	09-Apr-20	-	14.80	0.01	5.19	8.79	1.00	3.75	0.13	59.90	0.92	-	-	-
132.00	133.00	1.00	D15102	ALS Chemex	SD20059080	09-Apr-20	-	15.80	0.01	5.96	10.05	0.90	4.02	0.14	55.80	1.01	-	-	-
133.00	134.00	1.00	D15103	ALS Chemex	SD20059080	09-Apr-20	-	15.25	0.01	4.93	8.73	0.80	3.96	0.14	58.80	0.94	-	-	-
134.00	135.00	1.00	D15104	ALS Chemex	SD20059080	09-Apr-20	-	14.80	0.01	6.82	9.81	0.70	3.65	0.14	58.80	0.91	-	-	-

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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)
140.00	141.00	1.00	D15105	ALS Chemex	SD20059080	09-Apr-20	-	15.10	0.01	6.16	9.16	1.00	3.56	0.12	58.00	0.92	-	-	-
146.00	147.00	1.00	D15106	ALS Chemex	SD20059080	09-Apr-20	-	15.15	0.01	5.39	8.07	0.90	3.75	0.11	59.70	0.92	-	-	-
147.00	148.00	1.00	D15107	ALS Chemex	SD20059080	09-Apr-20	-	14.90	0.01	5.78	9.28	0.80	3.70	0.11	58.40	0.90	-	-	-
148.00	149.00	1.00	D15108	ALS Chemex	SD20059080	09-Apr-20	-	15.30	0.01	5.21	10.65	0.80	3.88	0.12	56.00	0.94	-	-	-
149.00	150.00	1.00	D15109	ALS Chemex	SD20059080	09-Apr-20	-	15.25	0.01	7.29	9.77	0.50	4.09	0.14	59.30	0.97	-	-	-
156.00	157.00	1.00	D15111	ALS Chemex	SD20059080	09-Apr-20	-	13.85	0.01	7.25	8.18	1.00	3.57	0.13	55.20	0.83	-	-	-
157.00	158.00	1.00	D15112	ALS Chemex	SD20059080	09-Apr-20	-	16.10	0.01	4.89	9.69	0.40	4.23	0.13	61.00	0.98	-	-	-
162.00	163.00	1.00	D15113	ALS Chemex	SD20059080	09-Apr-20	-	15.05	0.01	6.59	9.08	0.10	3.69	0.13	57.10	0.88	-	-	-
163.00	164.00	1.00	D15114	ALS Chemex	SD20059080	09-Apr-20	-	14.35	0.01	5.82	10.30	0.10	3.81	0.13	55.60	0.87	-	-	-
164.00	165.00	1.00	D15116	ALS Chemex	SD20059080	09-Apr-20	-	15.10	0.01	6.63	10.25	0.05	3.80	0.13	58.40	0.92	-	-	-
165.00	166.00	1.00	D15117	ALS Chemex	SD20059080	09-Apr-20	-	14.95	0.01	4.34	9.75	0.05	4.31	0.14	56.00	0.90	-	-	-
166.00	167.00	1.00	D15118	ALS Chemex	SD20059080	09-Apr-20	-	15.55	0.01	6.28	11.25	0.05	4.16	0.14	59.50	0.95	-	-	-
167.00	168.00	1.00	D15119	ALS Chemex	SD20059080	09-Apr-20	-	14.60	0.01	5.15	10.50	0.05	4.13	0.13	55.00	0.90	-	-	-
168.00	169.00	1.00	D15120	ALS Chemex	SD20059080	09-Apr-20	-	14.25	0.01	5.11	8.07	0.05	3.25	0.11	61.20	0.83	-	-	-
181.00	182.00	1.00	D15121	ALS Chemex	SD20059080	09-Apr-20	-	12.40	0.01	5.76	4.35	2.60	1.20	0.08	67.40	0.41	-	-	-
182.00	183.00	1.00	D15122	ALS Chemex	SD20059080	09-Apr-20	-	15.75	0.02	10.60	7.50	3.10	1.77	0.13	50.50	0.97	-	-	-
183.00	184.00	1.00	D15123	ALS Chemex	SD20059080	09-Apr-20	-	15.75	0.02	10.35	7.33	3.20	1.64	0.11	49.60	1.02	-	-	-
184.00	185.00	1.00	D15124	ALS Chemex	SD20059080	09-Apr-20	-	16.20	0.02	9.38	7.31	3.20	2.18	0.11	50.30	1.08	-	-	-
185.00	186.00	1.00	D15125	ALS Chemex	SD20059080	09-Apr-20	-	14.95	0.02	10.35	8.92	2.50	3.00	0.13	47.50	1.01	-	-	-
186.00	187.00	1.00	D15126	ALS Chemex	SD20059080	09-Apr-20	-	16.95	0.02	8.94	7.79	3.10	3.43	0.13	45.80	1.15	-	-	-
187.00	188.00	1.00	D15127	ALS Chemex	SD20059080	09-Apr-20	-	15.95	0.02	9.84	7.67	2.80	3.33	0.13	46.40	1.11	-	-	-
188.00	189.00	1.00	D15128	ALS Chemex	SD20059080	09-Apr-20	-	17.35	0.02	7.93	7.50	0.90	2.87	0.11	49.00	1.12	-	-	-
189.00	190.00	1.00	D15129	ALS Chemex	SD20059080	09-Apr-20	-	17.95	0.02	6.84	7.55	0.10	3.13	0.10	52.20	1.19	-	-	-
190.00	191.00	1.00	D15131	ALS Chemex	SD20059080	09-Apr-20	-	17.00	0.02	8.12	9.20	0.10	4.28	0.13	48.60	1.07	-	-	-
191.00	192.00	1.00	D15132	ALS Chemex	SD20059080	09-Apr-20	-	16.95	0.02	8.00	7.03	0.10	3.20	0.09	50.90	1.12	-	-	-
192.00	193.00	1.00	D15133	ALS Chemex	SD20059080	09-Apr-20	-	17.50	0.02	6.93	8.23	0.10	3.80	0.11	51.10	1.20	-	-	-
193.00	194.00	1.00	D15134	ALS Chemex	SD20059080	09-Apr-20	-	16.60	0.02	7.43	7.23	0.10	3.34	0.10	48.80	1.11	-	-	-
194.00	195.00	1.00	D15136	ALS Chemex	SD20059080	09-Apr-20	-	17.25	0.02	11.10	6.90	0.10	2.93	0.10	50.90	1.15	-	-	-
195.00	196.00	1.00	D15137	ALS Chemex	SD20059080	09-Apr-20	-	16.65	0.02	9.79	7.38	0.10	3.62	0.11	47.90	1.14	-	-	-
196.00	197.00	1.00	D15138	ALS Chemex	SD20059080	09-Apr-20	-	17.05	0.02	6.66	8.12	0.10	4.25	0.11	48.60	1.14	-	-	-

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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)
203.00	204.00	1.00	D15139	ALS Chemex	SD20059080	09-Apr-20	-	17.30	0.03	8.80	7.96	0.20	3.87	0.11	49.20	1.20	-	-	-
204.00	205.00	1.00	D15140	ALS Chemex	SD20059080	09-Apr-20	-	17.20	0.02	8.80	7.65	0.20	3.72	0.11	47.70	1.16	-	-	-
205.00	206.00	1.00	D15141	ALS Chemex	SD20059080	09-Apr-20	-	16.15	0.02	8.00	8.02	0.70	4.27	0.11	46.00	1.12	-	-	-
206.00	207.00	1.00	D15142	ALS Chemex	SD20059080	09-Apr-20	-	16.80	0.02	8.81	7.66	0.20	3.78	0.11	51.30	1.15	-	-	-
207.00	208.00	1.00	D15143	ALS Chemex	SD20059080	09-Apr-20	-	17.35	0.02	9.82	7.70	0.20	3.23	0.11	51.10	1.17	-	-	-
208.00	209.00	1.00	D15144	ALS Chemex	SD20059080	09-Apr-20	-	17.20	0.03	11.75	8.82	0.20	3.15	0.12	48.30	1.16	-	-	-
230.00	231.00	1.00	D15145	ALS Chemex	SD20059080	09-Apr-20	-	18.10	0.02	8.09	8.17	0.50	4.47	0.10	50.70	1.23	-	-	-
231.00	232.00	1.00	D15146	ALS Chemex	SD20059080	09-Apr-20	-	16.25	0.02	10.65	8.13	0.40	4.48	0.11	47.90	1.12	-	-	-
236.00	237.00	1.00	D15147	ALS Chemex	SD20059080	09-Apr-20	-	16.10	0.02	11.95	7.24	0.20	2.39	0.11	50.50	1.10	-	-	-
237.00	238.00	1.00	D15148	ALS Chemex	SD20059080	09-Apr-20	-	15.85	0.02	11.50	7.79	0.10	2.88	0.16	49.60	1.06	-	-	-
238.00	239.00	1.00	D15149	ALS Chemex	SD20059080	09-Apr-20	-	16.05	0.02	10.00	8.24	0.20	3.34	0.17	49.40	1.07	-	-	-
239.00	240.00	1.00	D15151	ALS Chemex	SD20059080	09-Apr-20	-	17.15	0.02	8.05	9.44	0.20	3.58	0.18	47.30	1.16	-	-	-
240.00	241.00	1.00	D15152	ALS Chemex	SD20059080	09-Apr-20	-	16.25	0.02	13.90	8.07	0.10	2.33	0.17	48.80	1.12	-	-	-
262.00	263.00	1.00	D15153	ALS Chemex	SD20059080	09-Apr-20	-	15.90	0.02	11.05	9.68	0.10	4.01	0.16	47.30	1.03	-	-	-
267.00	267.55	0.55	D15154	ALS Chemex	SD20059080	09-Apr-20	-	14.75	0.02	9.74	8.63	0.10	3.93	0.15	47.70	0.97	-	-	-
267.55	268.50	0.95	D15156	ALS Chemex	SD20059080	09-Apr-20	-	13.75	0.02	10.55	7.04	3.30	3.07	0.12	45.40	0.92	-	-	-
268.50	270.00	1.50	D15157	ALS Chemex	SD20059080	09-Apr-20	-	16.30	0.02	8.80	8.59	1.20	3.14	0.15	47.50	1.10	-	-	-
274.50	275.00	0.50	D15158	ALS Chemex	SD20059080	09-Apr-20	-	16.25	0.02	8.34	9.30	1.10	3.32	0.16	48.10	1.10	-	-	-
310.05	311.00	0.95	D15159	ALS Chemex	SD20059080	09-Apr-20	-	16.05	0.02	8.98	10.60	0.40	4.51	0.18	47.10	1.17	-	-	-
311.00	312.00	1.00	D15160	ALS Chemex	SD20059080	09-Apr-20	-	15.20	0.02	8.90	10.45	0.50	4.07	0.19	45.40	1.10	-	-	-
312.00	313.00	1.00	D15161	ALS Chemex	SD20059080	09-Apr-20	-	16.65	0.02	8.63	9.53	1.20	3.40	0.19	49.80	1.10	-	-	-
313.00	314.00	1.00	D15162	ALS Chemex	SD20059080	09-Apr-20	-	16.50	0.02	7.56	11.75	1.00	4.00	0.21	48.30	1.06	-	-	-
314.00	315.00	1.00	D15163	ALS Chemex	SD20059080	09-Apr-20	-	14.05	0.01	6.25	9.22	0.60	3.81	0.19	54.30	0.61	-	-	-
315.00	316.00	1.00	D15164	ALS Chemex	SD20059080	09-Apr-20	-	14.75	0.01	6.60	11.40	0.60	3.86	0.18	55.40	0.65	-	-	-
316.00	317.00	1.00	D15165	ALS Chemex	SD20059080	09-Apr-20	-	15.60	0.01	6.73	8.75	0.80	4.09	0.17	58.80	0.70	-	-	-
317.00	318.00	1.00	D15166	ALS Chemex	SD20059080	09-Apr-20	-	15.00	0.01	7.42	9.72	0.70	3.86	0.16	57.10	0.65	-	-	-
318.00	319.00	1.00	D15167	ALS Chemex	SD20059080	09-Apr-20	-	15.15	0.01	7.01	11.05	0.80	4.08	0.16	56.00	0.68	-	-	-
319.00	320.00	1.00	D15168	ALS Chemex	SD20059080	09-Apr-20	-	15.10	0.01	5.81	9.32	0.90	3.97	0.16	57.50	0.65	-	-	-
320.00	321.00	1.00	D15169	ALS Chemex	SD20059080	09-Apr-20	-	15.15	0.01	5.83	10.05	1.20	4.56	0.18	56.90	0.65	-	-	-
321.00	322.00	1.00	D15171	ALS Chemex	SD20059080	09-Apr-20	-	12.50	0.01	9.71	15.00	0.80	3.25	0.21	44.90	0.59	-	-	-

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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)
322.00	323.00	1.00	D15172	ALS Chemex	SD20059080	09-Apr-20	-	14.20	0.01	8.30	12.40	0.80	4.22	0.21	52.00	0.63	-	-	-
323.00	324.00	1.00	D15173	ALS Chemex	SD20059080	09-Apr-20	-	14.20	0.01	6.03	10.45	0.70	3.76	0.16	56.90	0.61	-	-	-
324.00	325.00	1.00	D15174	ALS Chemex	SD20059080	09-Apr-20	-	14.30	0.01	5.61	6.79	0.60	3.40	0.12	56.30	0.62	-	-	-
325.00	326.00	1.00	D15176	ALS Chemex	SD20059080	09-Apr-20	-	14.40	0.01	8.17	7.83	0.70	3.77	0.15	58.40	0.62	-	-	-
326.00	327.00	1.00	D15177	ALS Chemex	SD20059080	09-Apr-20	-	15.50	0.01	6.07	8.78	0.90	4.00	0.16	58.80	0.68	-	-	-
327.00	328.00	1.00	D15178	ALS Chemex	SD20059080	09-Apr-20	-	15.45	0.01	5.82	9.17	0.90	4.33	0.16	59.70	0.67	-	-	-
328.00	329.00	1.00	D15179	ALS Chemex	SD20059080	09-Apr-20	-	15.50	0.01	6.18	8.10	0.80	3.94	0.16	58.80	0.67	-	-	-
329.00	330.00	1.00	D15180	ALS Chemex	SD20059080	09-Apr-20	-	15.65	0.01	6.32	7.78	0.60	3.70	0.13	59.50	0.67	-	-	-
330.00	331.00	1.00	D15181	ALS Chemex	SD20059080	09-Apr-20	-	15.20	0.01	6.02	6.91	0.50	3.33	0.10	58.20	0.65	-	-	-
331.00	332.00	1.00	D15182	ALS Chemex	SD20059080	09-Apr-20	-	15.90	0.01	5.30	8.94	1.40	4.61	0.13	58.40	0.67	-	-	-
332.00	333.00	1.00	D15183	ALS Chemex	SD20059080	09-Apr-20	-	15.00	0.01	6.77	6.94	0.20	3.23	0.10	59.30	0.63	-	-	-
333.00	334.00	1.00	D15184	ALS Chemex	SD20059080	09-Apr-20	-	15.05	0.01	6.10	10.55	0.80	4.25	0.15	54.80	0.65	-	-	-
334.00	335.00	1.00	D15185	ALS Chemex	SD20059080	09-Apr-20	-	15.85	0.01	6.32	7.46	0.60	3.57	0.11	59.30	0.68	-	-	-
335.00	336.00	1.00	D15186	ALS Chemex	SD20059080	09-Apr-20	-	15.40	0.01	6.63	8.09	0.70	3.62	0.13	58.20	0.66	-	-	-
336.00	337.00	1.00	D15187	ALS Chemex	SD20059080	09-Apr-20	-	14.80	0.01	5.51	8.29	1.00	3.81	0.14	57.10	0.64	-	-	-
337.00	338.00	1.00	D15188	ALS Chemex	SD20059080	09-Apr-20	-	14.85	0.01	4.87	7.39	0.70	3.57	0.14	58.80	0.63	-	-	-
338.00	339.00	1.00	D15189	ALS Chemex	SD20059080	09-Apr-20	-	14.10	0.01	6.03	9.27	0.70	4.03	0.18	56.00	0.58	-	-	-
339.00	340.00	1.00	D15191	ALS Chemex	SD20059080	09-Apr-20	-	14.40	0.01	7.22	11.35	0.60	4.08	0.18	52.80	0.60	-	-	-
340.00	341.00	1.00	D15192	ALS Chemex	SD20059080	09-Apr-20	-	15.55	0.01	7.09	7.54	0.80	3.56	0.13	60.80	0.67	-	-	-
341.00	342.00	1.00	D15193	ALS Chemex	SD20059080	09-Apr-20	-	15.85	0.01	6.23	8.79	0.80	3.96	0.16	55.40	0.67	-	-	-
342.00	343.00	1.00	D15194	ALS Chemex	SD20059080	09-Apr-20	-	15.90	0.01	5.99	8.43	0.80	4.21	0.16	55.00	0.67	-	-	-
343.00	344.00	1.00	D15196	ALS Chemex	SD20059080	09-Apr-20	-	14.45	0.01	7.11	11.40	0.60	4.58	0.23	53.10	0.62	-	-	-
344.00	345.00	1.00	D15197	ALS Chemex	SD20059080	09-Apr-20	-	14.65	0.01	6.37	9.60	0.50	4.04	0.18	56.50	0.63	-	-	-
345.00	346.00	1.00	D15198	ALS Chemex	SD20059080	09-Apr-20	-	16.05	0.01	6.73	8.28	0.40	3.81	0.14	59.70	0.69	-	-	-
346.00	347.00	1.00	D15199	ALS Chemex	SD20059080	09-Apr-20	-	16.20	0.01	6.62	7.44	0.60	3.72	0.11	61.40	0.69	-	-	-
355.00	356.00	1.00	D15200	ALS Chemex	SD20059080	09-Apr-20	-	15.70	0.01	6.56	7.51	1.00	3.81	0.12	59.30	0.68	-	-	-
356.00	357.00	1.00	D15201	ALS Chemex	SD20059080	09-Apr-20	-	14.80	0.01	5.80	10.45	0.90	3.77	0.16	58.20	0.64	-	-	-
357.00	358.00	1.00	D15202	ALS Chemex	SD20059080	09-Apr-20	-	15.65	0.01	6.03	8.53	0.80	3.63	0.17	59.90	0.67	-	-	-
358.00	359.00	1.00	D15203	ALS Chemex	SD20059080	09-Apr-20	-	15.75	0.01	6.04	8.43	0.80	3.70	0.17	61.00	0.66	-	-	-
359.00	360.00	1.00	D15204	ALS Chemex	SD20059080	09-Apr-20	-	15.70	0.01	5.62	8.16	0.90	3.68	0.17	59.90	0.67	-	-	-



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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>
360.00	361.00	1.00	D15205	ALS Chemex	SD20059080	09-Apr-20	-	15.90	0.01	6.18	7.62	1.00	3.62	0.15	60.80	0.68	-	-	-
361.00	362.00	1.00	D15206	ALS Chemex	SD20059080	09-Apr-20	-	15.60	0.01	6.87	7.33	0.70	3.53	0.14	59.90	0.66	-	-	-
362.00	363.00	1.00	D15207	ALS Chemex	SD20059080	09-Apr-20	-	15.50	0.01	6.92	8.48	1.00	3.74	0.17	58.80	0.65	-	-	-
363.00	364.00	1.00	D15208	ALS Chemex	SD20059080	09-Apr-20	-	16.25	0.01	7.19	10.05	0.80	4.13	0.18	56.90	0.70	-	-	-
364.00	365.00	1.00	D15209	ALS Chemex	SD20059080	09-Apr-20	-	16.00	0.01	6.10	5.70	0.70	3.02	0.09	62.90	0.68	-	-	-

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: LN25-20-003

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 1 of 4)**

<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>Al2o3 (%)</i>	<i>Bao (%)</i>	<i>Cao (%)</i>	<i>Cr2o3 (%)</i>	<i>Fe2o3 (%)</i>	<i>K2o (%)</i>	<i>Mgo (%)</i>	<i>Mno (%)</i>	<i>Na2o (%)</i>	<i>P2o5 (%)</i>	<i>Sio2 (%)</i>	<i>Sro (%)</i>	<i>Tio2 (%)</i>	<i>Loi (%)</i>	<i>Total (%)</i>	<i>Al (%)</i>	<i>B (ppm)</i>	<i>Ce (ppm)</i>	<i>Cs (ppm)</i>
98.05	98.35	0.30	260862	ALS Chemex	SD20064213	08-Apr-20	15.55	0.01	5.25	0.01	13.45	0.34	6.98	0.19	4.10	0.18	49.60	0.01	1.22	3.14	100.03	-	-	22	0
173.60	174.00	0.40	260863	ALS Chemex	SD20064213	08-Apr-20	15.65	0.01	4.90	0.00	7.81	0.02	4.00	0.12	4.65	0.16	58.20	0.02	0.92	4.03	100.48	-	-	33	0
210.23	210.40	0.17	260864	ALS Chemex	SD20064213	08-Apr-20	19.00	0.01	8.79	0.02	8.31	0.39	3.83	0.12	4.09	0.19	49.70	0.03	1.31	3.99	99.78	-	-	19	0
261.05	261.30	0.25	260865	ALS Chemex	SD20064213	08-Apr-20	15.80	0.01	14.50	0.02	10.60	0.01	3.62	0.16	0.83	0.14	48.80	0.05	0.98	4.34	99.85	-	-	14	0
293.25	293.50	0.25	260866	ALS Chemex	SD20064213	08-Apr-20	18.00	0.01	9.69	0.02	8.69	0.20	4.34	0.12	3.12	0.16	52.10	0.02	1.25	2.55	100.27	-	-	17	0
303.65	303.90	0.25	260867	ALS Chemex	SD20064213	08-Apr-20	17.15	0.01	7.74	0.02	9.84	0.07	3.91	0.17	3.56	0.18	52.90	0.02	1.24	3.64	100.44	-	-	17	0
354.10	354.35	0.25	260868	ALS Chemex	SD20064213	08-Apr-20	16.10	0.02	8.75	0.01	8.54	0.62	3.97	0.12	1.87	0.13	56.30	0.03	0.81	3.73	101.00	-	-	26	0
366.55	366.80	0.25	260869	ALS Chemex	SD20064213	08-Apr-20	15.85	0.02	7.84	0.01	6.97	0.48	3.79	0.10	3.28	0.12	59.80	0.02	0.67	1.91	100.86	-	-	33	0
375.05	375.25	0.20	260870	ALS Chemex	SD20064213	08-Apr-20	15.55	0.03	4.77	0.01	7.21	1.03	3.94	0.15	3.68	0.12	59.40	0.01	0.63	2.83	99.36	-	-	30	1

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: LN25-20-003

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 2 of 4)**

<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>Dy (ppm)</i>	<i>Er (ppm)</i>	<i>Eu (ppm)</i>	<i>Gd (ppm)</i>	<i>Ge (ppm)</i>	<i>Hf (ppm)</i>	<i>Ho (ppm)</i>	<i>In (ppm)</i>	<i>Lu (ppm)</i>	<i>Nb (ppm)</i>	<i>Nd (ppm)</i>	<i>Pr (ppm)</i>	<i>Rb (ppm)</i>	<i>Sm (ppm)</i>	<i>Ta (ppm)</i>	<i>Tb (ppm)</i>	<i>Tm (ppm)</i>	<i>Yb (ppm)</i>	<i>Zr (ppm)</i>
98.05	98.35	0.30	260862	ALS Chemex	SD20064213	08-Apr-20	4	2	1	4	-	2	1	-	0	4	14	3	9	4	0	1	0	2	90
173.60	174.00	0.40	260863	ALS Chemex	SD20064213	08-Apr-20	4	3	1	4	-	4	1	-	0	7	18	4	0	5	1	1	0	2	151
210.23	210.40	0.17	260864	ALS Chemex	SD20064213	08-Apr-20	4	3	1	4	-	3	1	-	0	5	14	3	12	4	0	1	0	3	107
261.05	261.30	0.25	260865	ALS Chemex	SD20064213	08-Apr-20	3	2	1	3	-	2	1	-	0	3	10	2	0	3	0	1	0	2	80
293.25	293.50	0.25	260866	ALS Chemex	SD20064213	08-Apr-20	4	3	1	4	-	3	1	-	0	4	12	3	5	4	0	1	0	3	102
303.65	303.90	0.25	260867	ALS Chemex	SD20064213	08-Apr-20	4	3	1	4	-	3	1	-	0	4	12	3	2	4	0	1	0	2	102
354.10	354.35	0.25	260868	ALS Chemex	SD20064213	08-Apr-20	3	2	1	3	-	3	1	-	0	5	14	3	21	3	0	1	0	2	124
366.55	366.80	0.25	260869	ALS Chemex	SD20064213	08-Apr-20	4	2	1	4	-	5	1	-	0	6	17	4	17	3	0	1	0	2	186
375.05	375.25	0.20	260870	ALS Chemex	SD20064213	08-Apr-20	3	2	1	3	-	4	1	-	0	6	16	4	33	3	0	1	0	2	135

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: LN25-20-003

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 3 of 4)**

<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>Ag (ppm)</i>	<i>As (ppm)</i>	<i>Au (ppb)</i>	<i>Ba (ppm)</i>	<i>Be (ppm)</i>	<i>Bi (ppm)</i>	<i>Br (ppm)</i>	<i>Ca (%)</i>	<i>Cd (ppm)</i>	<i>Ci (ppm)</i>	<i>Co (ppm)</i>	<i>Cr (ppm)</i>	<i>Cu (ppm)</i>	<i>Fe (%)</i>	<i>Ga (ppm)</i>	<i>Hg (ppm)</i>	<i>Ir (ppb)</i>	<i>K (%)</i>	<i>La (ppm)</i>
98.05	98.35	0.30	260862	ALS Chemex	SD20064213	08-Apr-20	0	3	1	99	-	-	-	-	0	-	46	70	43	-	18	-	-	-	9
173.60	174.00	0.40	260863	ALS Chemex	SD20064213	08-Apr-20	0	3	1	29	-	-	-	-	0	-	29	30	47	-	21	-	-	-	16
210.23	210.40	0.17	260864	ALS Chemex	SD20064213	08-Apr-20	0	3	1	98	-	-	-	-	0	-	55	140	100	-	22	-	-	-	8
261.05	261.30	0.25	260865	ALS Chemex	SD20064213	08-Apr-20	0	3	1	9	-	-	-	-	0	-	43	110	71	-	21	-	-	-	6
293.25	293.50	0.25	260866	ALS Chemex	SD20064213	08-Apr-20	0	3	1	50	-	-	-	-	0	-	54	140	93	-	22	-	-	-	7
303.65	303.90	0.25	260867	ALS Chemex	SD20064213	08-Apr-20	0	3	1	32	-	-	-	-	0	-	50	140	72	-	20	-	-	-	7
354.10	354.35	0.25	260868	ALS Chemex	SD20064213	08-Apr-20	0	3	1	157	-	-	-	-	0	-	29	30	62	-	19	-	-	-	13
366.55	366.80	0.25	260869	ALS Chemex	SD20064213	08-Apr-20	0	3	1	215	-	-	-	-	0	-	22	40	46	-	20	-	-	-	15
375.05	375.25	0.20	260870	ALS Chemex	SD20064213	08-Apr-20	0	3	1	317	-	-	-	-	0	-	25	30	9	-	17	-	-	-	14

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: LN25-20-003

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 4 of 4)**

<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>Li (ppm)</i>	<i>Mg (%)</i>	<i>Mn (ppm)</i>	<i>Mo (ppm)</i>	<i>Ni (ppm)</i>	<i>P (%)</i>	<i>Pb (ppm)</i>	<i>Pd (ppb)</i>	<i>Pt (ppb)</i>	<i>S (ppm)</i>	<i>Sb (ppm)</i>	<i>Sc (ppm)</i>	<i>Se (ppm)</i>	<i>Sn (ppm)</i>	<i>Sr (ppm)</i>	<i>Th (ppm)</i>	<i>Ti (%)</i>	<i>Ti (ppm)</i>	<i>U (ppm)</i>
98.05	98.35	0.30	260862	ALS Chemex	SD20064213	08-Apr-20	20	-	-	1	93	-	1	1	3	100	-	26	-	1	109	1	-	5	0
173.60	174.00	0.40	260863	ALS Chemex	SD20064213	08-Apr-20	30	-	-	1	47	-	3	1	3	100	-	20	-	1	199	2	-	5	0
210.23	210.40	0.17	260864	ALS Chemex	SD20064213	08-Apr-20	20	-	-	1	146	-	1	1	3	4300	-	32	-	1	248	1	-	5	0
261.05	261.30	0.25	260865	ALS Chemex	SD20064213	08-Apr-20	10	-	-	1	160	-	3	1	3	400	-	26	-	1	489	0	-	5	0
293.25	293.50	0.25	260866	ALS Chemex	SD20064213	08-Apr-20	10	-	-	1	157	-	1	1	3	700	-	34	-	1	138	1	-	5	0
303.65	303.90	0.25	260867	ALS Chemex	SD20064213	08-Apr-20	20	-	-	1	137	-	1	1	3	1000	-	33	-	1	149	0	-	5	0
354.10	354.35	0.25	260868	ALS Chemex	SD20064213	08-Apr-20	10	-	-	1	58	-	2	1	3	100	-	19	-	1	238	2	-	5	0
366.55	366.80	0.25	260869	ALS Chemex	SD20064213	08-Apr-20	10	-	-	1	63	-	1	1	3	200	-	17	-	1	208	2	-	5	0
375.05	375.25	0.20	260870	ALS Chemex	SD20064213	08-Apr-20	10	-	-	1	63	-	4	1	3	100	-	16	-	1	125	2	-	5	0

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: **LN25-20-003**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

**Whole Rock (part 5 of 4)**

<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>V (ppm)</i>	<i>W (ppm)</i>	<i>Y (ppm)</i>	<i>Zn (ppm)</i>
98.05	98.35	0.30	260862	ALS Chemex	SD20064213	08-Apr-20	241	1	20	127
173.60	174.00	0.40	260863	ALS Chemex	SD20064213	08-Apr-20	176	1	23	95
210.23	210.40	0.17	260864	ALS Chemex	SD20064213	08-Apr-20	254	1	24	103
261.05	261.30	0.25	260865	ALS Chemex	SD20064213	08-Apr-20	200	1	18	79
293.25	293.50	0.25	260866	ALS Chemex	SD20064213	08-Apr-20	254	1	22	97
303.65	303.90	0.25	260867	ALS Chemex	SD20064213	08-Apr-20	235	1	23	113
354.10	354.35	0.25	260868	ALS Chemex	SD20064213	08-Apr-20	155	1	17	78
366.55	366.80	0.25	260869	ALS Chemex	SD20064213	08-Apr-20	127	1	19	76
375.05	375.25	0.20	260870	ALS Chemex	SD20064213	08-Apr-20	119	1	18	86

## DRILL HOLE REPORT

Hole Number: **LN25-20-004**

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> 202.7	<b>Length:</b> 45	<b>Dimension:</b> NQ	<b>Township:</b> LOVELAND	<b>Logged by:</b> Jim Sparling & Gerry Katchen
<b>Dip:</b> -55	<b>Pulled:</b> no	<b>Storage:</b> Timmins IEP	<b>Claim No.:</b> 297035	<b>Relog by:</b>
<b>Length:</b> 246	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A12	<b>Contractor:</b> NPLH Drilling
<b>Started:</b> 29-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> 04-Mar-20				<b>Surveyed:</b> yes
<b>Logged:</b> 19-Mar-20				<b>Surveyed by:</b> APS
<b>Comment:</b> Casing pushed to 45m. Interesting Fragmental Volcanic from 163.9-169.7m				<b>Geophysics:</b> BHPEN
		<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>	<b>Geophysic Contractor:</b> Crone
		<b>East:</b> 454210.8	<b>East:</b> 454210.8	<b>Left in hole:</b> Casing and Casin
		<b>North:</b> 5389805.2	<b>North:</b> 5389805.2	<b>Making water:</b> no
		<b>Elev.:</b> 290.27	<b>Elev.:</b> 290.27	<b>Multi shot survey:</b> yes
			<b>Zone:</b> 17N <b>NAD:</b> NAD83	

**Deviation Tests**

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	202.70	-55.00	C	☑	Collar Set up
75.00	202.50	-56.40	E	☑	
84.00	202.60	-56.40	E	☑	
93.00	202.60	-56.30	E	☑	
102.00	202.60	-56.30	E	☑	
111.00	202.70	-56.30	E	☑	
120.00	202.30	-56.30	E	☑	
129.00	202.00	-56.30	E	☑	
138.00	202.60	-56.30	E	☑	
147.00	202.70	-56.30	E	☑	
156.00	202.90	-56.30	E	☑	
165.00	202.20	-56.30	E	☑	
174.00	202.70	-56.20	E	☑	

**Deviation Tests**

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
183.00	202.80	-56.20	E	☑	
192.00	201.40	-56.20	E	☑	
201.00	201.50	-56.20	E	☑	
210.00	202.20	-56.20	E	☑	
219.00	202.90	-56.10	E	☑	
228.00	203.00	-56.20	E	☑	
237.00	203.90	-56.20	E	☑	
246.00	203.10	-56.10	E	☑	

## LITHOLOGY REPORT

### - Detailed -

 Hole Number: **LN25-20-004**

 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	40.58	<b>CAS</b> <b>Casing</b> Casing pushed to 45m, overburden rock started to be collected at 40.58m									
40.58	42.50	<b>OVB</b> <b>Overburden/detritus</b> Mix of volcanics but, pieces of rock are solid, just variable in lithology.									
42.50	92.80	<b>V2D</b> <b>TrachyAndesite</b> WR Geochem denotes V2D TrachyAndesite. Medium to dark green, Unit is aphanitic to fine grained, non magnetic. Massive with local vesicles/amygdules. Vesicles/amydules occur locally over dm lengths up to 2cm diameter, commonly infilled with silica/epidote and more rarely, Cpy. Epidote alteration occurs through as well as along fracture planes (and local metre length healed breccia zones). Carbonate appears to be localized to vein infilling. Cpy occurs as random fine to medium grained disseminated blebs from trace to 1% overall. Local analysis by Niton puts Mg % range from 3.5-5.5%. ""	D15211	42.50	44.00	1.50	0.01	0.02	40	0.03	0.50
			D15212	44.00	45.50	1.50	0.01	0.03	40	0.03	0.10
			D15213	45.50	47.00	1.50	0.01	0.01	40	0.03	0.20
			D15214	47.00	48.50	1.50	0.01	0.02	40	0.03	0.50
			D15216	48.50	50.00	1.50	0.01	0.02	40	0.03	0.75
		<b>Alteration Maj:</b>	D15217	50.00	51.50	1.50	0.01	0.02	40	0.03	1.00
		<b>Type/Style/Intensity</b>	D15218	51.50	53.00	1.50	0.01	0.01	30	0.03	0.25
		<b>Comment</b>	D15219	53.00	54.50	1.50	0.01	0.02	30	0.03	0.50
		42.50 - 87.50      EP   PCH   M	D15220	54.50	56.00	1.50	0.01	0.01	40	0.03	0.75
		42.50 - 87.50      Carb   VN   W	D15221	56.00	57.50	1.50	0.01	0.02	40	0.03	0.25
		42.50 - 87.50      Sil   P   WM	D15222	57.50	59.00	1.50	0.01	0.01	30	0.03	-
		42.50 - 87.50      CHL   P   M	D15223	59.00	60.50	1.50	0.01	0.00	30	0.03	0.10
		87.50 - 92.80      Sil   P   WM	D15224	60.50	62.00	1.50	0.01	0.00	40	0.03	0.10
		87.50 - 92.80      Carb   F   WM	D15225	62.00	63.25	1.25	0.01	0.04	50	0.07	0.50
		87.50 - 92.80      CHL   P   M									



## LITHOLOGY REPORT

### - Detailed -

Hole Number: **LN25-20-004**

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>
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
	42.50 - 92.80	Cp DIS 0.75	""Variable Cpy as fine grained blebs, trace to 1%""	D15226	63.25	64.55	1.30	0.00	0.02	40	0.05 0.25
				D15227	64.55	66.00	1.45	0.01	0.01	30	0.03 0.75
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
	46.00 - 47.00	Vn 5	Epidote vein	D15228	66.00	67.50	1.50	0.01	0.04	40	0.05 0.50
	65.90 - 66.30	Vn 15	Epidote vein	D15229	67.50	69.00	1.50	0.00	0.01	30	0.03 0.25
	69.50 - 70.00	Vn 15	Epidote vein	D15231	69.00	70.50	1.50	0.01	0.02	40	0.03 1.00
	71.00 - 73.00	Vn 5	Epidote Vein	D15232	70.50	72.00	1.50	0.01	0.01	40	0.03 1.00
	87.50 - 92.50	B 50	Unit is brecciated but healed with white plag and carbonate.	D15233	78.00	79.50	1.50	0.01	0.01	40	0.03 0.25
				D15234	79.50	81.00	1.50	0.01	0.01	30	0.03 1.25
				D15236	81.00	82.00	1.00	0.01	0.01	40	0.03 0.10
				D15237	82.00	83.00	1.00	0.01	0.01	40	0.03 0.25
		<b>Minor Interval:</b>		D15238	90.00	91.00	1.00	0.01	0.02	40	0.03 -
	42.50 51.00	V3A	Andesitic Basalt	D15239	91.00	92.00	1.00	0.00	0.24	40	0.33 0.50
			Amygdaloidal, infilled with Epidote and more rarely Cpy	D15240	92.00	92.80	0.80	0.00	0.13	30	0.18 1.25
92.80	141.25	<b>V2J</b>	<b>Andesite</b>	D15241	92.80	94.00	1.20	0.00	0.12	80	0.21 0.50
			Unit is dark grey to black, aphanitic to fine grained, Unit is generally massive with randomized/erratic flow vesicular/amygdaloidal band seams? These black bands fold around core axis at various angles and are silicified and generally mineralized. These behave like pillow selvages but do not look like selvages? Unit has patch to pervasive strong biotite alteration, is generally well silicified with Niton readings of 1-2% Mg. Unit is mineralized (disseminated to coarse blebs and local semi-massive veining) with Po and Cpy (3:2 ratio).""	D15242	94.00	95.00	1.00	0.00	0.04	60	0.25 0.10
				D15243	95.00	96.00	1.00	0.00	0.02	50	0.14 0.10
				D15244	96.00	97.50	1.50	0.00	0.02	40	0.17 0.50
				D15245	97.50	99.00	1.50	0.00	0.03	60	0.36 1.50
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
	92.80 - 134.00	Carb VN WM		D15246	99.00	100.50	1.50	0.00	0.03	40	0.17 1.00
	92.80 - 134.00	EP VN WM		D15247	100.50	102.00	1.50	0.00	0.03	50	0.26 1.00
	92.80 - 134.00	CHL PCH WM		D15248	102.00	103.50	1.50	0.00	0.05	40	0.19 0.75
	92.80 - 134.00	Sil P M		D15249	103.50	105.00	1.50	0.00	0.07	60	0.27 1.50
	92.80 - 134.00	BIO P MS		D15251	105.00	106.50	1.50	0.00	0.08	50	0.28 1.50
	92.80 - 134.00	Sil P M		D15252	106.50	108.00	1.50	0.00	0.07	30	0.20 0.75
	134.00 - 138.30	CHL P M		D15253	108.00	109.50	1.50	0.00	0.04	20	0.10 1.50
	134.00 - 138.30	Sil P M		D15254	109.50	111.00	1.50	0.00	0.08	30	0.21 0.75
	134.00 - 138.30	CHL P M		D15256	111.00	112.50	1.50	0.00	0.06	40	0.18 1.75

**LITHOLOGY REPORT  
- Detailed -**

Hole Number: LN25-20-004

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>
	134.00 - 138.30	EP VN S	D15257	112.50	114.00	1.50	0.00	0.08	40	0.22	1.75
	134.00 - 138.30	EP P MS	D15258	114.00	115.50	1.50	0.00	0.04	30	0.15	0.75
			D15259	115.50	117.00	1.50	0.00	0.10	30	0.18	1.00
		<b>Mineralization Maj. :</b>									
	92.80 - 101.00	Po BL 1.5	D15260	117.00	118.50	1.50	0.00	0.07	40	0.20	1.00
	92.80 - 101.00	Cp BL 1	D15261	118.50	120.00	1.50	0.00	0.02	40	0.15	1.75
	101.00 - 123.00	Po BL 3.5	D15262	120.00	121.50	1.50	0.00	0.08	50	0.29	2.00
	101.00 - 123.00	Cp BL 2	D15263	121.50	123.00	1.50	0.00	0.06	70	0.38	2.00
	123.00 - 129.00	Cp BL 0.1	D15264	123.00	124.50	1.50	0.00	0.08	30	0.16	2.00
	123.00 - 129.00	Po BL 0.25	D15265	124.50	126.00	1.50	0.00	0.04	30	0.16	1.00
	129.00 - 131.00	Cp BL 0.5	D15266	129.00	130.00	1.00	0.00	0.02	40	0.15	1.75
	129.00 - 131.00	Po BL 1.5	D15267	130.00	131.00	1.00	0.00	0.01	40	0.09	1.00
	131.00 - 136.00	Cp BL 0.25	D15268	131.00	132.00	1.00	0.00	0.02	40	0.20	0.10
	131.00 - 136.00	Po BL 0.25	D15269	135.00	136.00	1.00	0.00	0.01	30	0.17	0.20
	136.00 - 138.00	Pn E 0.5	D15271	136.00	137.00	1.00	0.00	0.03	50	0.76	2.25
	136.00 - 138.00	Cp FF 0.75	D15272	137.00	138.00	1.00	0.00	0.02	50	0.58	2.25
	136.00 - 138.00	Po FF 2	D15273	138.00	139.00	1.00	0.01	0.01	40	0.18	0.10
141.25	163.90	<b>V2J Andesite</b>	D15274	147.00	148.50	1.50	0.00	0.00	20	0.13	1.25
		Light to medium green to light/medium brown, aphanitic to fine grained. Unit is non-magnetic and massive, does not appear as glassy/silicified as previous unit. Chorite alteration is relatively higher with biotite alteration being less. Niton numbers average 34% Si, 9% Al, 9% Fe, 1.5% Mg. Local blebs/disseminations of Cpy and Po on a 1:5 ratio. Unit is quite massive with very little amgdule/vesicular fabric.""	D15276	148.50	150.00	1.50	0.00	0.00	10	0.13	1.00
			D15277	156.00	157.50	1.50	0.00	0.00	10	0.07	0.20
			D15278	157.50	159.00	1.50	0.00	0.00	10	0.13	1.50
			D15279	159.00	160.50	1.50	0.00	0.00	20	0.11	0.20
		<b>Alteration Maj:</b>									
	141.25 - 152.00	Sil P WM	D15280	160.50	162.00	1.50	0.00	0.00	10	0.11	0.20
	141.25 - 152.00	BIO P WM	D15281	162.00	163.00	1.00	0.00	0.00	20	0.19	0.10
	141.25 - 152.00	CHL P M	D15282	163.00	163.90	0.90	0.00	0.02	30	0.56	2.00
	152.00 - 163.90	Sil P WM									
	152.00 - 163.90	EP FF WM									

## LITHOLOGY REPORT

- Detailed -

Hole Number: **LN25-20-004**

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)
	152.00 - 163.90	BIO P WM									
	152.00 - 163.90	CHL P M									
		<b>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>									
	141.25 - 147.00	Po BL 0.5									
	141.25 - 147.00	Cp BL 0.2									
	147.00 - 159.00	Po BL 1.25									
	147.00 - 159.00	Cp BL 0.5									
	159.00 - 163.90	Po BL 0.25									
	159.00 - 163.90	Cp BL 0.1									
		<b>Structure Maj.:</b>									
		<b>Type/Core Angle</b>									
	152.30 - 152.50	Frc 0									
	157.80 - 159.30	Vn 10									
	163.50 - 163.90	Frc 50									
		<b>Comment</b>									
		Healed with strong epidote									
		Calcite and qtz vein									
		Lower contact has a few fracture sets all about 50dca.									
163.90	169.70	<b>V1C Rhyodacite_Fragmental Volcanic</b>	D15283	163.90	165.00	1.10	0.00	0.03	30	0.95	2.50
		Rhyodacitic fragmental volcanoclastic, highly silicified with angular clasts of non-amgydaloidal	D15284	165.00	166.00	1.00	0.00	0.04	30	1.19	5.00
		Intermediate volcanics (above) and amygdaloidal Intermediate volcanics (below). Unit also has approx	D15285	166.00	167.00	1.00	0.00	0.08	50	1.74	6.00
		20% angular chert clasts/fragments at random orientations. Unit is sulphidic (8-12%) with fine to very	D15286	167.00	168.00	1.00	0.00	0.04	30	1.05	5.00
		coarse irregular blebs of Po and Cpy (10:1 ratio). Niton analysis of Po give 0.04% Ni. ""	D15287	168.00	169.00	1.00	0.00	0.05	20	0.68	2.00
		<b>Alteration Maj:</b>	D15288	169.00	169.70	0.70	0.00	0.07	20	0.89	2.00
		<b>Type/Style/Intensity</b>									
	163.90 - 169.70	Sil P S									
		<b>Mineralization Maj. :</b>									
		<b>Type/Style/%Mineral</b>									
	163.90 - 169.70	Cp BL 1									
	163.90 - 169.70	Po BL 10									
		<b>Structure Maj.:</b>									
		<b>Type/Core Angle</b>									
	163.90 - 169.70	B 0									
		<b>Comment</b>									
		volcanoclastic									

## LITHOLOGY REPORT

### - Detailed -

Hole Number: **LN25-20-004**

Project: **NORTH AMERICAN NICKEL**

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>											
163.90	169.70	V2J Andesite 40% Amygdaloidal and Non amygdaloidal clasts/fragments as well as angular chert									
<b>Mineralization Min: Type/Style/%Mineral Comment</b>											
166.05 - 166.07		Po VN 100									
169.63 - 169.65		Cp VN 20									
169.63 - 169.65		Po VN 80									
169.70	210.85	<b>V2D TrachyAndesite</b> WR Geochem denotes V2D TrachyAndesite. Light to medium green to medium brown, amygdaloidal andesitic Basalt. Unit is massive will silicified with silica/feldspar infilled vesicles/amygdules. Unit also has multiple enclaves/large fragments of Felsic rhyodacitic composition (with associated sulphides). Unit is generally non-magnetic with exception of Po sulphide mineralization. Po sulphides also occur as infilling amydules as well. Sulphides amounts vary between 4-10% and occur as disseminations, amygdaloidal infilling, blebs and veins. Po and Cpy on a 10:1 ratio. Niton analysis of sulphides indicate low ni within Po (0.04%). Local semi-massive to massive Po rich veins (2-3cm thick are strongly conductive. Niton average values 33% Sil, 12% Al, 8% Fe, 3.6% Mg, 3.6% K. Bottom 15m of unit is noted to have a different Po:Cpy ratio (5:1) (more cpy occurring.)"	D15289	169.70	171.00	1.30	0.00	0.04	30	1.10	4.00
			D15291	171.00	172.50	1.50	0.01	0.03	20	0.63	3.00
			D15292	172.50	174.00	1.50	0.01	0.04	30	0.79	3.00
			D15293	174.00	175.50	1.50	0.00	0.02	20	0.30	2.75
			D15294	175.50	177.00	1.50	0.01	0.03	20	0.63	4.00
			D15296	177.00	178.50	1.50	0.01	0.04	20	0.57	4.25
			D15297	178.50	180.00	1.50	0.01	0.04	10	0.25	3.50
			D15298	180.00	181.50	1.50	0.01	0.03	10	0.23	3.50
			D15299	181.50	183.00	1.50	0.00	0.06	10	0.23	3.00
			D15300	183.00	184.50	1.50	0.01	0.04	10	0.13	2.00
			D15301	184.50	186.00	1.50	0.00	0.05	10	0.24	2.75
			D15302	186.00	187.00	1.00	0.00	0.05	20	0.52	8.00
			D15303	187.00	188.00	1.00	0.01	0.08	20	0.72	5.00
			D15304	188.00	189.00	1.00	0.01	0.04	20	0.67	4.00
			D15305	189.00	190.50	1.50	0.01	0.05	20	0.51	3.00
			D15306	190.50	192.00	1.50	0.01	0.06	20	0.49	4.50
<b>Alteration Maj: Type/Style/Intensity Comment</b>											
169.70 - 203.25		EP VN M									
169.70 - 203.25		Sil P M									
169.70 - 203.25		CHL P WM									
169.70 - 203.25		BIO P WM									
203.25 - 203.55		EP FF S									
203.55 - 210.85		Sil P M									
203.55 - 210.85		EP P M									

## LITHOLOGY REPORT

### - Detailed -

 Hole Number: **LN25-20-004**

 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>
	203.55 - 210.85	BIO P WM	D15307	192.00	193.50	1.50	0.01	0.03	20	0.43	0.25
	203.55 - 210.85	CHL P WM	D15308	193.50	195.00	1.50	0.01	0.02	20	0.30	0.20
		<b>Mineralization Maj. :</b>									
	169.70 - 170.52	Po BL 6.5	D15311	196.50	198.00	1.50	0.01	0.06	20	0.53	1.00
	169.70 - 170.52	Cp BL 1	D15312	198.00	199.50	1.50	0.01	0.02	10	0.12	0.10
	170.52 - 170.55	Po VN 100	D15313	199.50	201.00	1.50	0.01	0.03	10	0.06	0.10
	170.55 - 186.90	Po BL 7	D15314	201.00	202.50	1.50	0.01	0.02	10	0.07	0.10
	170.55 - 186.90	Cp BL 0.75	D15316	202.50	204.00	1.50	0.00	0.07	10	0.21	1.50
	186.90 - 188.00	Po VN 12	D15317	204.00	205.00	1.00	0.01	0.11	30	0.77	5.00
	186.90 - 188.00	Cp BL 1.5	D15318	205.00	206.00	1.00	0.01	0.04	20	0.29	3.00
	188.00 - 190.60	Cp BL 0.75	D15319	206.00	207.00	1.00	0.01	0.02	20	0.26	1.75
	188.00 - 190.60	Po BL 6	D15320	207.00	208.50	1.50	0.00	0.01	30	0.32	2.00
	190.60 - 190.65	Po VN 80	D15321	208.50	210.00	1.50	0.01	0.01	20	0.28	2.00
	190.65 - 198.00	Cp BL 0.5	D15322	210.00	210.85	0.85	0.00	0.01	30	0.11	0.00
210.85	222.40	<b>V2J Andesite</b>									
		WR Geochem denotes V2J Andesite. Light to medium green to light/medium brown, aphanitic to fine grained. Unit is non-magnetic and massive, Unit is fairly as glassy/silicified. Chorite alteration is relatively higher with biotite alteration being less. Niton numbers average 35% Si, 11% Al, 6% Fe, 4% Mg, 3.3% Ca, 2.5% K. Local trace to 0.5% blebs/disseminations of Cpy and Po on a 1:5 ratio. Lower contact has carbonate alteration for a couple metres.""									
		<b>Alteration Maj.:</b>									
	210.85 - 220.00	BIO P WM									
	210.85 - 220.00	Sil P MS									
	210.85 - 220.00	CHL P WM									
	220.00 - 222.40	Carb FF S									
		<b>Mineralization Maj. :</b>									
	210.85 - 222.40	Cp BL 0.15									
	210.85 - 222.40	Po BL 0.4									

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-004**

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>
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
	220.00 - 220.75	Ftb 65		""infilled with carbonate, highly fractured but unit fits back together""							
	222.00 - 222.40	ct 60		Lower contact							
	222.00 - 222.40	Vn 60		Carbonate veining and fracturing							
222.40	246.00	<b>I2P</b>	<b>Interm. Porphyry_Monzonitic_Dioritic</b>								
		WR Geochems suggests Monzonitic/Diorite Composition. Light to medium green with greyish blue qtz +/- fsp sub angular phenocrysts approximately 0.5-1.0cm in diameter. Unit expresses a 'healed brecciated fabric' for dm to metre lengths. Non magnetic with exception of sulphides and in general, unit is massive. Unit also contains local dm to metre length sections of andesitic basalt. Sulphides are generally low, averaging 0.5 to 0.75% with local areas that are enhanced. Po:Cpy ratio 3:1. Niton values average 34% Si, 12% Al, 4% Fe, 3.5% Mg, 2.4% K, 2.5% Ca. 246m EOH March 4_2020""									
		<b>Alteration Maj.:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>							
	222.40 - 246.00	Carb P W			D15332	222.40	223.00	0.60	0.00	0.01	20 0.17 0.50
	222.40 - 246.00	CHL P M			D15333	223.00	224.00	1.00	0.01	0.03	30 0.37 0.10
	222.40 - 246.00	EP P M			D15334	224.00	225.00	1.00	0.01	0.03	20 0.24 2.25
	222.40 - 246.00	Sil P S			D15323	232.00	233.00	1.00	0.00	0.00	20 0.17 0.50
					D15324	233.00	234.00	1.00	0.00	0.01	30 0.30 0.50
					D15325	234.00	235.00	1.00	0.01	0.00	20 0.17 0.50
					D15326	235.00	236.00	1.00	0.01	0.01	30 0.24 1.00
					D15327	236.00	237.00	1.00	0.00	0.01	20 0.18 0.50
					D15328	237.00	238.00	1.00	0.01	0.14	30 0.51 2.00
					D15329	238.00	239.00	1.00	0.01	0.01	30 0.23 1.25
					D15331	242.35	242.65	0.30	0.00	0.01	10 0.23 0.10
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>							
	222.40 - 232.50	Cp BL 0.15									
	222.40 - 232.50	Po BL 0.2									
	232.50 - 239.00	Cp BL 1									
	232.50 - 239.00	Po BL 1.5									
	239.00 - 246.00	Cp BL 0.2									
	239.00 - 246.00	Po BL 0.25									
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>							
	230.15 - 230.45	Frc 75		heavily fractured.							
	232.00 - 241.00	Bre 0		Healed intrusion breccia.							

## LITHOLOGY REPORT - Detailed -

Hole Number: **LN25-20-004**

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>Final Est (SUL)</i>
<b>Minor Interval:</b>											
222.40	229.00	V3A <i>Andesitic Basalt</i> Andesitic basalt enclaves/fragments/rafts ~30%									
<b>Minor Interval:</b>											
232.50	241.00	HBX <i>Hydrothermal Breccia</i> Quartz Feldspar Porphyry, healed brecciated zones, intrusion breccia-like.									
<b>Minor Interval:</b>											
242.35	242.65	QV <i>Quartz Vein</i> White massive qtz vein with trace cpy									
<b>Structure Min.:</b>											
242.60 - 242.65		<b>Type/Core Angle</b> ct 20	<b>Comment</b> Lower contact								

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

Hole Number: LN25-20-004

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</i> (CODE)	<i>og</i>	<i>lithm</i>	<i>Pb</i> (%)	<i>Zn</i> (%)
42.50	44.00	1.50	D15211	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
44.00	45.50	1.50	D15212	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	40	0.03	0.10	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
45.50	47.00	1.50	D15213	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.03	0.20	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
47.00	48.50	1.50	D15214	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
48.50	50.00	1.50	D15216	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	0.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
50.00	51.50	1.50	D15217	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
51.50	53.00	1.50	D15218	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	30	0.03	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
53.00	54.50	1.50	D15219	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	30	0.03	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
54.50	56.00	1.50	D15220	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.03	0.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
56.00	57.50	1.50	D15221	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
57.50	59.00	1.50	D15222	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	30	0.03	-	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
59.00	60.50	1.50	D15223	ALS Chemex	SD20064203	16-Apr-20	0.01	0.00	30	0.03	0.10	-	1	0.018	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
60.50	62.00	1.50	D15224	ALS Chemex	SD20064203	16-Apr-20	0.01	0.00	40	0.03	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
62.00	63.25	1.25	D15225	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	50	0.07	0.50	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
63.25	64.55	1.30	D15226	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	40	0.05	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
64.55	66.00	1.45	D15227	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	30	0.03	0.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
66.00	67.50	1.50	D15228	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	40	0.05	0.50	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
67.50	69.00	1.50	D15229	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	30	0.03	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
69.00	70.50	1.50	D15231	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
70.50	72.00	1.50	D15232	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.03	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
78.00	79.50	1.50	D15233	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.03	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
79.50	81.00	1.50	D15234	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	30	0.03	1.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
81.00	82.00	1.00	D15236	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.03	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
82.00	83.00	1.00	D15237	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.03	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
90.00	91.00	1.00	D15238	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	40	0.03	-	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02	
91.00	92.00	1.00	D15239	ALS Chemex	SD20064203	16-Apr-20	0.00	0.24	40	0.33	0.50	-	1	0.032	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.04	
92.00	92.80	0.80	D15240	ALS Chemex	SD20064203	16-Apr-20	0.00	0.13	30	0.18	1.25	-	1	0.009	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02	
92.80	94.00	1.20	D15241	ALS Chemex	SD20064203	16-Apr-20	0.00	0.12	80	0.21	0.50	-	1	0.008	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02	
94.00	95.00	1.00	D15242	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	60	0.25	0.10	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	
95.00	96.00	1.00	D15243	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	50	0.14	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01	



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

Hole Number: LN25-20-004

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</i> (CODE)	<i>ogolithm</i>	<i>Pb</i> (%)	<i>Zn</i> (%)
96.00	97.50	1.50	D15244	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	40	0.17	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
97.50	99.00	1.50	D15245	ALS Chemex	SD20064203	16-Apr-20	0.00	0.03	60	0.36	3.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
99.00	100.50	1.50	D15246	ALS Chemex	SD20064203	16-Apr-20	0.00	0.03	40	0.17	2.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
100.50	102.00	1.50	D15247	ALS Chemex	SD20064203	16-Apr-20	0.00	0.03	50	0.26	2.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
102.00	103.50	1.50	D15248	ALS Chemex	SD20064203	16-Apr-20	0.00	0.05	40	0.19	0.75	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
103.50	105.00	1.50	D15249	ALS Chemex	SD20064203	16-Apr-20	0.00	0.07	60	0.27	6.00	-	1	0.004	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
105.00	106.50	1.50	D15251	ALS Chemex	SD20064203	16-Apr-20	0.00	0.08	50	0.28	1.50	-	1	0.007	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
106.50	108.00	1.50	D15252	ALS Chemex	SD20064203	16-Apr-20	0.00	0.07	30	0.20	0.75	-	1	0.006	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
108.00	109.50	1.50	D15253	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	20	0.10	1.50	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
109.50	111.00	1.50	D15254	ALS Chemex	SD20064203	16-Apr-20	0.00	0.08	30	0.21	0.75	-	1	0.007	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
111.00	112.50	1.50	D15256	ALS Chemex	SD20064203	16-Apr-20	0.00	0.06	40	0.18	1.75	-	1	0.005	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
112.50	114.00	1.50	D15257	ALS Chemex	SD20064203	16-Apr-20	0.00	0.08	40	0.22	1.75	-	1	0.009	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
114.00	115.50	1.50	D15258	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	30	0.15	0.75	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
115.50	117.00	1.50	D15259	ALS Chemex	SD20064203	16-Apr-20	0.00	0.10	30	0.18	3.50	-	1	0.012	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
117.00	118.50	1.50	D15260	ALS Chemex	SD20064203	16-Apr-20	0.00	0.07	40	0.20	1.00	-	1	0.005	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
118.50	120.00	1.50	D15261	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	40	0.15	1.75	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
120.00	121.50	1.50	D15262	ALS Chemex	SD20064203	16-Apr-20	0.00	0.08	50	0.29	7.00	-	1	0.009	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
121.50	123.00	1.50	D15263	ALS Chemex	SD20064203	16-Apr-20	0.00	0.06	70	0.38	7.00	-	1	0.005	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
123.00	124.50	1.50	D15264	ALS Chemex	SD20064203	16-Apr-20	0.00	0.08	30	0.16	2.00	-	1	0.008	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
124.50	126.00	1.50	D15265	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	30	0.16	1.00	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
129.00	130.00	1.00	D15266	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	40	0.15	1.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
130.00	131.00	1.00	D15267	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	40	0.09	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
131.00	132.00	1.00	D15268	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	40	0.20	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
135.00	136.00	1.00	D15269	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	30	0.17	0.20	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
136.00	137.00	1.00	D15271	ALS Chemex	SD20064203	16-Apr-20	0.00	0.03	50	0.76	2.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
137.00	138.00	1.00	D15272	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	50	0.58	2.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
138.00	139.00	1.00	D15273	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	40	0.18	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
147.00	148.50	1.50	D15274	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	20	0.13	1.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
148.50	150.00	1.50	D15276	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	10	0.13	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
156.00	157.50	1.50	D15277	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	10	0.07	0.20	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01

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

Hole Number: LN25-20-004

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> (%)	
157.50	159.00	1.50	D15278	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	10	0.13	1.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
159.00	160.50	1.50	D15279	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	20	0.11	0.20	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
160.50	162.00	1.50	D15280	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	10	0.11	0.20	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
162.00	163.00	1.00	D15281	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	20	0.19	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
163.00	163.90	0.90	D15282	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	30	0.56	2.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02
163.90	165.00	1.10	D15283	ALS Chemex	SD20064203	16-Apr-20	0.00	0.03	30	0.95	2.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.14
165.00	166.00	1.00	D15284	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	30	1.19	10.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.03
166.00	167.00	1.00	D15285	ALS Chemex	SD20064203	16-Apr-20	0.00	0.08	50	1.74	8.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.10
167.00	168.00	1.00	D15286	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	30	1.05	7.00	-	1	0.004	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02
168.00	169.00	1.00	D15287	ALS Chemex	SD20064203	16-Apr-20	0.00	0.05	20	0.68	11.50	-	1	0.004	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.05
169.00	169.70	0.70	D15288	ALS Chemex	SD20064203	16-Apr-20	0.00	0.07	20	0.89	10.50	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.04
169.70	171.00	1.30	D15289	ALS Chemex	SD20064203	16-Apr-20	0.00	0.04	30	1.10	10.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02
171.00	172.50	1.50	D15291	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	20	0.63	8.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.05
172.50	174.00	1.50	D15292	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	30	0.79	5.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.06
174.00	175.50	1.50	D15293	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	20	0.30	2.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02
175.50	177.00	1.50	D15294	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	20	0.63	4.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.02
177.00	178.50	1.50	D15296	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	20	0.57	4.25	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
178.50	180.00	1.50	D15297	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	10	0.25	3.50	-	1	0.006	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
180.00	181.50	1.50	D15298	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	10	0.23	3.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
181.50	183.00	1.50	D15299	ALS Chemex	SD20064203	16-Apr-20	0.00	0.06	10	0.23	5.00	-	1	0.002	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
183.00	184.50	1.50	D15300	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	10	0.13	4.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
184.50	186.00	1.50	D15301	ALS Chemex	SD20064203	16-Apr-20	0.00	0.05	10	0.24	2.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
186.00	187.00	1.00	D15302	ALS Chemex	SD20064203	16-Apr-20	0.00	0.05	20	0.52	8.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
187.00	188.00	1.00	D15303	ALS Chemex	SD20064203	16-Apr-20	0.01	0.08	20	0.72	13.50	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
188.00	189.00	1.00	D15304	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	20	0.67	8.00	-	1	0.021	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
189.00	190.50	1.50	D15305	ALS Chemex	SD20064203	16-Apr-20	0.01	0.05	20	0.51	3.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
190.50	192.00	1.50	D15306	ALS Chemex	SD20064203	16-Apr-20	0.01	0.06	20	0.49	4.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
192.00	193.50	1.50	D15307	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	20	0.43	0.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
193.50	195.00	1.50	D15308	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	20	0.30	0.20	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
195.00	196.50	1.50	D15309	ALS Chemex	SD20064203	16-Apr-20	0.00	0.02	10	0.19	4.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01

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

Hole Number: LN25-20-004

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> (%)	
196.50	198.00	1.50	D15311	ALS Chemex	SD20064203	16-Apr-20	0.01	0.06	20	0.53	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
198.00	199.50	1.50	D15312	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	10	0.12	0.10	-	1	0.005	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
199.50	201.00	1.50	D15313	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	10	0.06	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
201.00	202.50	1.50	D15314	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	10	0.07	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
202.50	204.00	1.50	D15316	ALS Chemex	SD20064203	16-Apr-20	0.00	0.07	10	0.21	1.50	-	1	0.003	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
204.00	205.00	1.00	D15317	ALS Chemex	SD20064203	16-Apr-20	0.01	0.11	30	0.77	10.00	-	1	0.005	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
205.00	206.00	1.00	D15318	ALS Chemex	SD20064203	16-Apr-20	0.01	0.04	20	0.29	6.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
206.00	207.00	1.00	D15319	ALS Chemex	SD20064203	16-Apr-20	0.01	0.02	20	0.26	1.75	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
207.00	208.50	1.50	D15320	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	30	0.32	3.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
208.50	210.00	1.50	D15321	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	20	0.28	3.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
210.00	210.85	0.85	D15322	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	30	0.11	0.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	0.00	0.01	
222.40	223.00	0.60	D15332	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	20	0.17	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
223.00	224.00	1.00	D15333	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	30	0.37	0.10	-	1	0.004	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
224.00	225.00	1.00	D15334	ALS Chemex	SD20064203	16-Apr-20	0.01	0.03	20	0.24	2.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
232.00	233.00	1.00	D15323	ALS Chemex	SD20064203	16-Apr-20	0.00	0.00	20	0.17	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
233.00	234.00	1.00	D15324	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	30	0.30	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
234.00	235.00	1.00	D15325	ALS Chemex	SD20064203	16-Apr-20	0.01	0.00	20	0.17	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
235.00	236.00	1.00	D15326	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	30	0.24	1.00	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
236.00	237.00	1.00	D15327	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	20	0.18	0.50	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
237.00	238.00	1.00	D15328	ALS Chemex	SD20064203	16-Apr-20	0.01	0.14	30	0.51	2.00	-	1	0.006	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.01
238.00	239.00	1.00	D15329	ALS Chemex	SD20064203	16-Apr-20	0.01	0.01	30	0.23	1.25	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00
242.35	242.65	0.30	D15331	ALS Chemex	SD20064203	16-Apr-20	0.00	0.01	10	0.23	0.10	-	1	0.001	-	0.001	-	0.003	-	-	-	-	NE	0.00	0.00

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

Hole Number: LN25-20-004

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>
42.50	44.00	1.50	D15211	ALS Chemex	SD20064203	16-Apr-20	160	-	-	-	-	-	-
44.00	45.50	1.50	D15212	ALS Chemex	SD20064203	16-Apr-20	310	-	-	-	-	-	-
45.50	47.00	1.50	D15213	ALS Chemex	SD20064203	16-Apr-20	110	-	-	-	-	-	-
47.00	48.50	1.50	D15214	ALS Chemex	SD20064203	16-Apr-20	210	-	-	-	-	-	-
48.50	50.00	1.50	D15216	ALS Chemex	SD20064203	16-Apr-20	180	-	-	-	-	-	-
50.00	51.50	1.50	D15217	ALS Chemex	SD20064203	16-Apr-20	180	-	-	-	-	-	-
51.50	53.00	1.50	D15218	ALS Chemex	SD20064203	16-Apr-20	90	-	-	-	-	-	-
53.00	54.50	1.50	D15219	ALS Chemex	SD20064203	16-Apr-20	160	-	-	-	-	-	-
54.50	56.00	1.50	D15220	ALS Chemex	SD20064203	16-Apr-20	140	-	-	-	-	-	-
56.00	57.50	1.50	D15221	ALS Chemex	SD20064203	16-Apr-20	210	-	-	-	-	-	-
57.50	59.00	1.50	D15222	ALS Chemex	SD20064203	16-Apr-20	60	-	-	-	-	-	-
59.00	60.50	1.50	D15223	ALS Chemex	SD20064203	16-Apr-20	10	-	-	-	-	-	-
60.50	62.00	1.50	D15224	ALS Chemex	SD20064203	16-Apr-20	30	-	-	-	-	-	-
62.00	63.25	1.25	D15225	ALS Chemex	SD20064203	16-Apr-20	430	-	-	-	-	-	-
63.25	64.55	1.30	D15226	ALS Chemex	SD20064203	16-Apr-20	170	-	-	-	-	-	-
64.55	66.00	1.45	D15227	ALS Chemex	SD20064203	16-Apr-20	70	-	-	-	-	-	-
66.00	67.50	1.50	D15228	ALS Chemex	SD20064203	16-Apr-20	370	-	-	-	-	-	-
67.50	69.00	1.50	D15229	ALS Chemex	SD20064203	16-Apr-20	90	-	-	-	-	-	-
69.00	70.50	1.50	D15231	ALS Chemex	SD20064203	16-Apr-20	180	-	-	-	-	-	-
70.50	72.00	1.50	D15232	ALS Chemex	SD20064203	16-Apr-20	120	-	-	-	-	-	-
78.00	79.50	1.50	D15233	ALS Chemex	SD20064203	16-Apr-20	80	-	-	-	-	-	-
79.50	81.00	1.50	D15234	ALS Chemex	SD20064203	16-Apr-20	70	-	-	-	-	-	-
81.00	82.00	1.00	D15236	ALS Chemex	SD20064203	16-Apr-20	90	-	-	-	-	-	-
82.00	83.00	1.00	D15237	ALS Chemex	SD20064203	16-Apr-20	100	-	-	-	-	-	-
90.00	91.00	1.00	D15238	ALS Chemex	SD20064203	16-Apr-20	150	-	-	-	-	-	-
91.00	92.00	1.00	D15239	ALS Chemex	SD20064203	16-Apr-20	2350	-	-	-	-	-	-
92.00	92.80	0.80	D15240	ALS Chemex	SD20064203	16-Apr-20	1270	-	-	-	-	-	-
92.80	94.00	1.20	D15241	ALS Chemex	SD20064203	16-Apr-20	1240	-	-	-	-	-	-
94.00	95.00	1.00	D15242	ALS Chemex	SD20064203	16-Apr-20	400	-	-	-	-	-	-

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

Hole Number: LN25-20-004

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>
95.00	96.00	1.00	D15243	ALS Chemex	SD20064203	16-Apr-20	160	-	-	-	-	-	-
96.00	97.50	1.50	D15244	ALS Chemex	SD20064203	16-Apr-20	190	-	-	-	-	-	-
97.50	99.00	1.50	D15245	ALS Chemex	SD20064203	16-Apr-20	310	-	-	-	-	-	-
99.00	100.50	1.50	D15246	ALS Chemex	SD20064203	16-Apr-20	330	-	-	-	-	-	-
100.50	102.00	1.50	D15247	ALS Chemex	SD20064203	16-Apr-20	340	-	-	-	-	-	-
102.00	103.50	1.50	D15248	ALS Chemex	SD20064203	16-Apr-20	480	-	-	-	-	-	-
103.50	105.00	1.50	D15249	ALS Chemex	SD20064203	16-Apr-20	710	-	-	-	-	-	-
105.00	106.50	1.50	D15251	ALS Chemex	SD20064203	16-Apr-20	840	-	-	-	-	-	-
106.50	108.00	1.50	D15252	ALS Chemex	SD20064203	16-Apr-20	710	-	-	-	-	-	-
108.00	109.50	1.50	D15253	ALS Chemex	SD20064203	16-Apr-20	420	-	-	-	-	-	-
109.50	111.00	1.50	D15254	ALS Chemex	SD20064203	16-Apr-20	780	-	-	-	-	-	-
111.00	112.50	1.50	D15256	ALS Chemex	SD20064203	16-Apr-20	600	-	-	-	-	-	-
112.50	114.00	1.50	D15257	ALS Chemex	SD20064203	16-Apr-20	820	-	-	-	-	-	-
114.00	115.50	1.50	D15258	ALS Chemex	SD20064203	16-Apr-20	420	-	-	-	-	-	-
115.50	117.00	1.50	D15259	ALS Chemex	SD20064203	16-Apr-20	1020	-	-	-	-	-	-
117.00	118.50	1.50	D15260	ALS Chemex	SD20064203	16-Apr-20	670	-	-	-	-	-	-
118.50	120.00	1.50	D15261	ALS Chemex	SD20064203	16-Apr-20	230	-	-	-	-	-	-
120.00	121.50	1.50	D15262	ALS Chemex	SD20064203	16-Apr-20	780	-	-	-	-	-	-
121.50	123.00	1.50	D15263	ALS Chemex	SD20064203	16-Apr-20	570	-	-	-	-	-	-
123.00	124.50	1.50	D15264	ALS Chemex	SD20064203	16-Apr-20	810	-	-	-	-	-	-
124.50	126.00	1.50	D15265	ALS Chemex	SD20064203	16-Apr-20	420	-	-	-	-	-	-
129.00	130.00	1.00	D15266	ALS Chemex	SD20064203	16-Apr-20	190	-	-	-	-	-	-
130.00	131.00	1.00	D15267	ALS Chemex	SD20064203	16-Apr-20	60	-	-	-	-	-	-
131.00	132.00	1.00	D15268	ALS Chemex	SD20064203	16-Apr-20	160	-	-	-	-	-	-
135.00	136.00	1.00	D15269	ALS Chemex	SD20064203	16-Apr-20	120	-	-	-	-	-	-
136.00	137.00	1.00	D15271	ALS Chemex	SD20064203	16-Apr-20	340	-	-	-	-	-	-
137.00	138.00	1.00	D15272	ALS Chemex	SD20064203	16-Apr-20	210	-	-	-	-	-	-
138.00	139.00	1.00	D15273	ALS Chemex	SD20064203	16-Apr-20	90	-	-	-	-	-	-
147.00	148.50	1.50	D15274	ALS Chemex	SD20064203	16-Apr-20	40	-	-	-	-	-	-
148.50	150.00	1.50	D15276	ALS Chemex	SD20064203	16-Apr-20	30	-	-	-	-	-	-

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

Hole Number: LN25-20-004

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>
156.00	157.50	1.50	D15277	ALS Chemex	SD20064203	16-Apr-20	10	-	-	-	-	-	-
157.50	159.00	1.50	D15278	ALS Chemex	SD20064203	16-Apr-20	20	-	-	-	-	-	-
159.00	160.50	1.50	D15279	ALS Chemex	SD20064203	16-Apr-20	20	-	-	-	-	-	-
160.50	162.00	1.50	D15280	ALS Chemex	SD20064203	16-Apr-20	20	-	-	-	-	-	-
162.00	163.00	1.00	D15281	ALS Chemex	SD20064203	16-Apr-20	40	-	-	-	-	-	-
163.00	163.90	0.90	D15282	ALS Chemex	SD20064203	16-Apr-20	200	-	-	-	-	-	-
163.90	165.00	1.10	D15283	ALS Chemex	SD20064203	16-Apr-20	320	-	-	-	-	-	-
165.00	166.00	1.00	D15284	ALS Chemex	SD20064203	16-Apr-20	350	-	-	-	-	-	-
166.00	167.00	1.00	D15285	ALS Chemex	SD20064203	16-Apr-20	780	-	-	-	-	-	-
167.00	168.00	1.00	D15286	ALS Chemex	SD20064203	16-Apr-20	400	-	-	-	-	-	-
168.00	169.00	1.00	D15287	ALS Chemex	SD20064203	16-Apr-20	450	-	-	-	-	-	-
169.00	169.70	0.70	D15288	ALS Chemex	SD20064203	16-Apr-20	660	-	-	-	-	-	-
169.70	171.00	1.30	D15289	ALS Chemex	SD20064203	16-Apr-20	350	-	-	-	-	-	-
171.00	172.50	1.50	D15291	ALS Chemex	SD20064203	16-Apr-20	300	-	-	-	-	-	-
172.50	174.00	1.50	D15292	ALS Chemex	SD20064203	16-Apr-20	430	-	-	-	-	-	-
174.00	175.50	1.50	D15293	ALS Chemex	SD20064203	16-Apr-20	230	-	-	-	-	-	-
175.50	177.00	1.50	D15294	ALS Chemex	SD20064203	16-Apr-20	330	-	-	-	-	-	-
177.00	178.50	1.50	D15296	ALS Chemex	SD20064203	16-Apr-20	400	-	-	-	-	-	-
178.50	180.00	1.50	D15297	ALS Chemex	SD20064203	16-Apr-20	390	-	-	-	-	-	-
180.00	181.50	1.50	D15298	ALS Chemex	SD20064203	16-Apr-20	310	-	-	-	-	-	-
181.50	183.00	1.50	D15299	ALS Chemex	SD20064203	16-Apr-20	580	-	-	-	-	-	-
183.00	184.50	1.50	D15300	ALS Chemex	SD20064203	16-Apr-20	400	-	-	-	-	-	-
184.50	186.00	1.50	D15301	ALS Chemex	SD20064203	16-Apr-20	490	-	-	-	-	-	-
186.00	187.00	1.00	D15302	ALS Chemex	SD20064203	16-Apr-20	500	-	-	-	-	-	-
187.00	188.00	1.00	D15303	ALS Chemex	SD20064203	16-Apr-20	760	-	-	-	-	-	-
188.00	189.00	1.00	D15304	ALS Chemex	SD20064203	16-Apr-20	430	-	-	-	-	-	-
189.00	190.50	1.50	D15305	ALS Chemex	SD20064203	16-Apr-20	470	-	-	-	-	-	-
190.50	192.00	1.50	D15306	ALS Chemex	SD20064203	16-Apr-20	620	-	-	-	-	-	-
192.00	193.50	1.50	D15307	ALS Chemex	SD20064203	16-Apr-20	280	-	-	-	-	-	-
193.50	195.00	1.50	D15308	ALS Chemex	SD20064203	16-Apr-20	200	-	-	-	-	-	-

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

Hole Number: LN25-20-004

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>
195.00	196.50	1.50	D15309	ALS Chemex	SD20064203	16-Apr-20	210	-	-	-	-	-	-
196.50	198.00	1.50	D15311	ALS Chemex	SD20064203	16-Apr-20	560	-	-	-	-	-	-
198.00	199.50	1.50	D15312	ALS Chemex	SD20064203	16-Apr-20	180	-	-	-	-	-	-
199.50	201.00	1.50	D15313	ALS Chemex	SD20064203	16-Apr-20	300	-	-	-	-	-	-
201.00	202.50	1.50	D15314	ALS Chemex	SD20064203	16-Apr-20	190	-	-	-	-	-	-
202.50	204.00	1.50	D15316	ALS Chemex	SD20064203	16-Apr-20	720	-	-	-	-	-	-
204.00	205.00	1.00	D15317	ALS Chemex	SD20064203	16-Apr-20	1060	-	-	-	-	-	-
205.00	206.00	1.00	D15318	ALS Chemex	SD20064203	16-Apr-20	360	-	-	-	-	-	-
206.00	207.00	1.00	D15319	ALS Chemex	SD20064203	16-Apr-20	230	-	-	-	-	-	-
207.00	208.50	1.50	D15320	ALS Chemex	SD20064203	16-Apr-20	130	-	-	-	-	-	-
208.50	210.00	1.50	D15321	ALS Chemex	SD20064203	16-Apr-20	100	-	-	-	-	-	-
210.00	210.85	0.85	D15322	ALS Chemex	SD20064203	16-Apr-20	80	-	-	-	-	-	-
222.40	223.00	0.60	D15332	ALS Chemex	SD20064203	16-Apr-20	60	-	-	-	-	-	-
223.00	224.00	1.00	D15333	ALS Chemex	SD20064203	16-Apr-20	260	-	-	-	-	-	-
224.00	225.00	1.00	D15334	ALS Chemex	SD20064203	16-Apr-20	280	-	-	-	-	-	-
232.00	233.00	1.00	D15323	ALS Chemex	SD20064203	16-Apr-20	20	-	-	-	-	-	-
233.00	234.00	1.00	D15324	ALS Chemex	SD20064203	16-Apr-20	80	-	-	-	-	-	-
234.00	235.00	1.00	D15325	ALS Chemex	SD20064203	16-Apr-20	20	-	-	-	-	-	-
235.00	236.00	1.00	D15326	ALS Chemex	SD20064203	16-Apr-20	100	-	-	-	-	-	-
236.00	237.00	1.00	D15327	ALS Chemex	SD20064203	16-Apr-20	70	-	-	-	-	-	-
237.00	238.00	1.00	D15328	ALS Chemex	SD20064203	16-Apr-20	1380	-	-	-	-	-	-
238.00	239.00	1.00	D15329	ALS Chemex	SD20064203	16-Apr-20	80	-	-	-	-	-	-
242.35	242.65	0.30	D15331	ALS Chemex	SD20064203	16-Apr-20	140	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-004

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 (%)
42.50	44.00	1.50	D15211	ALS Chemex	SD20064203	16-Apr-20	5.23	25	-	240	5	10	2.67	5	20	6.42	-	-	6.42	25	-	1.40	25	-	2.00
44.00	45.50	1.50	D15212	ALS Chemex	SD20064203	16-Apr-20	5.02	25	-	270	5	10	3.04	5	20	6.10	-	-	6.10	25	-	1.20	25	-	1.87
45.50	47.00	1.50	D15213	ALS Chemex	SD20064203	16-Apr-20	5.48	25	-	240	5	10	3.42	5	20	5.87	-	-	5.87	25	-	1.40	25	-	1.82
47.00	48.50	1.50	D15214	ALS Chemex	SD20064203	16-Apr-20	6.05	25	-	270	5	10	2.97	5	20	6.04	-	-	6.04	25	-	1.40	25	-	1.96
48.50	50.00	1.50	D15216	ALS Chemex	SD20064203	16-Apr-20	5.62	25	-	260	5	10	3.10	5	20	6.01	-	-	6.01	25	-	1.20	25	-	1.96
50.00	51.50	1.50	D15217	ALS Chemex	SD20064203	16-Apr-20	6.06	25	-	230	5	10	3.05	5	20	6.07	-	-	6.07	25	-	1.20	25	-	2.02
51.50	53.00	1.50	D15218	ALS Chemex	SD20064203	16-Apr-20	4.89	25	-	190	5	10	3.58	5	20	5.76	-	-	5.76	25	-	0.90	25	-	1.77
53.00	54.50	1.50	D15219	ALS Chemex	SD20064203	16-Apr-20	5.70	25	-	210	5	10	3.35	5	20	6.24	-	-	6.24	25	-	1.20	25	-	2.06
54.50	56.00	1.50	D15220	ALS Chemex	SD20064203	16-Apr-20	5.79	25	-	200	5	10	2.97	5	20	6.40	-	-	6.40	25	-	0.90	25	-	2.33
56.00	57.50	1.50	D15221	ALS Chemex	SD20064203	16-Apr-20	5.37	25	-	160	5	10	3.24	5	20	5.82	-	-	5.82	25	-	0.50	25	-	1.92
57.50	59.00	1.50	D15222	ALS Chemex	SD20064203	16-Apr-20	6.45	25	-	90	5	10	3.06	5	20	6.06	-	-	6.06	25	-	0.40	25	-	2.16
59.00	60.50	1.50	D15223	ALS Chemex	SD20064203	16-Apr-20	6.81	25	-	70	5	10	5.25	5	20	5.99	-	-	5.99	25	-	0.40	25	-	2.37
60.50	62.00	1.50	D15224	ALS Chemex	SD20064203	16-Apr-20	6.30	25	-	60	5	10	3.05	5	30	6.39	-	-	6.39	25	-	0.20	25	-	2.29
62.00	63.25	1.25	D15225	ALS Chemex	SD20064203	16-Apr-20	6.17	25	-	200	5	10	3.49	5	20	5.73	-	-	5.73	25	-	0.90	25	-	1.98
63.25	64.55	1.30	D15226	ALS Chemex	SD20064203	16-Apr-20	5.65	25	-	240	5	10	3.36	5	20	5.65	-	-	5.65	25	-	0.90	25	-	1.89
64.55	66.00	1.45	D15227	ALS Chemex	SD20064203	16-Apr-20	5.77	25	-	290	5	10	3.11	5	20	6.19	-	-	6.19	25	-	1.10	25	-	2.31
66.00	67.50	1.50	D15228	ALS Chemex	SD20064203	16-Apr-20	6.16	25	-	280	5	10	2.99	5	20	6.08	-	-	6.08	25	-	1.10	25	-	2.26
67.50	69.00	1.50	D15229	ALS Chemex	SD20064203	16-Apr-20	5.46	25	-	240	5	10	3.60	5	20	5.69	-	-	5.69	25	-	0.80	25	-	2.07
69.00	70.50	1.50	D15231	ALS Chemex	SD20064203	16-Apr-20	6.02	25	-	250	5	10	2.85	5	20	5.68	-	-	5.68	25	-	0.90	25	-	2.00
70.50	72.00	1.50	D15232	ALS Chemex	SD20064203	16-Apr-20	6.79	25	-	200	5	10	2.93	5	20	6.21	-	-	6.21	25	-	0.70	25	-	2.26
78.00	79.50	1.50	D15233	ALS Chemex	SD20064203	16-Apr-20	6.08	25	-	270	5	10	2.78	5	20	5.68	-	-	5.68	25	-	1.10	25	-	1.97
79.50	81.00	1.50	D15234	ALS Chemex	SD20064203	16-Apr-20	5.48	25	-	260	5	10	3.51	5	20	4.88	-	-	4.88	25	-	1.20	25	-	1.72
81.00	82.00	1.00	D15236	ALS Chemex	SD20064203	16-Apr-20	6.22	25	-	230	5	10	2.79	5	20	5.70	-	-	5.70	25	-	0.90	25	-	2.20
82.00	83.00	1.00	D15237	ALS Chemex	SD20064203	16-Apr-20	6.26	25	-	200	5	10	3.05	5	20	6.25	-	-	6.25	25	-	0.90	25	-	2.20
90.00	91.00	1.00	D15238	ALS Chemex	SD20064203	16-Apr-20	5.68	25	-	460	5	10	3.42	5	20	6.13	-	-	6.13	25	-	1.10	25	-	1.89
91.00	92.00	1.00	D15239	ALS Chemex	SD20064203	16-Apr-20	7.08	25	-	300	5	10	2.94	5	10	6.52	-	-	6.52	25	-	0.80	25	-	1.61
92.00	92.80	0.80	D15240	ALS Chemex	SD20064203	16-Apr-20	6.24	25	-	170	5	10	2.90	5	10	6.08	-	-	6.08	25	-	0.80	25	-	0.97
92.80	94.00	1.20	D15241	ALS Chemex	SD20064203	16-Apr-20	5.97	80	-	190	5	10	2.75	5	5	6.98	-	-	6.98	25	-	0.90	25	-	0.91
94.00	95.00	1.00	D15242	ALS Chemex	SD20064203	16-Apr-20	6.70	25	-	200	5	10	2.91	5	10	8.46	-	-	8.46	25	-	0.80	25	-	1.08
95.00	96.00	1.00	D15243	ALS Chemex	SD20064203	16-Apr-20	5.86	25	-	210	5	10	2.51	5	5	7.40	-	-	7.40	25	-	1.00	25	-	0.91



**FULL ANALYTICAL REPORT**  
- ICP -

Hole Number: LN25-20-004

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 (%)
96.00	97.50	1.50	D15244	ALS Chemex	SD20064203	16-Apr-20	6.04	25	-	200	5	10	2.40	5	5	7.12	-	-	7.12	25	-	0.80	25	-	0.89
97.50	99.00	1.50	D15245	ALS Chemex	SD20064203	16-Apr-20	5.79	25	-	280	5	10	2.29	5	5	7.35	-	-	7.35	25	-	1.10	25	-	0.87
99.00	100.50	1.50	D15246	ALS Chemex	SD20064203	16-Apr-20	6.31	25	-	250	5	10	3.13	5	10	7.83	-	-	7.83	25	-	0.90	25	-	0.94
100.50	102.00	1.50	D15247	ALS Chemex	SD20064203	16-Apr-20	6.47	25	-	320	5	10	2.77	5	5	8.09	-	-	8.09	25	-	1.60	25	-	0.91
102.00	103.50	1.50	D15248	ALS Chemex	SD20064203	16-Apr-20	6.31	25	-	320	5	10	2.29	5	5	7.71	-	-	7.71	25	-	1.30	25	-	0.90
103.50	105.00	1.50	D15249	ALS Chemex	SD20064203	16-Apr-20	6.50	25	-	340	5	10	2.17	5	5	8.32	-	-	8.32	25	-	1.60	25	-	1.00
105.00	106.50	1.50	D15251	ALS Chemex	SD20064203	16-Apr-20	6.96	25	-	370	5	10	2.43	5	5	8.71	-	-	8.71	25	-	1.40	25	-	1.00
106.50	108.00	1.50	D15252	ALS Chemex	SD20064203	16-Apr-20	6.68	25	-	340	5	10	2.18	5	5	8.10	-	-	8.10	25	-	1.30	25	-	0.91
108.00	109.50	1.50	D15253	ALS Chemex	SD20064203	16-Apr-20	6.45	25	-	270	5	10	2.10	5	5	7.25	-	-	7.25	25	-	0.90	25	-	0.83
109.50	111.00	1.50	D15254	ALS Chemex	SD20064203	16-Apr-20	6.53	25	-	310	5	10	2.16	5	5	7.98	-	-	7.98	25	-	1.00	25	-	0.85
111.00	112.50	1.50	D15256	ALS Chemex	SD20064203	16-Apr-20	6.63	25	-	350	5	10	2.17	5	5	8.24	-	-	8.24	25	-	1.30	25	-	0.87
112.50	114.00	1.50	D15257	ALS Chemex	SD20064203	16-Apr-20	6.18	25	-	380	5	10	2.30	5	5	8.38	-	-	8.38	25	-	1.70	25	-	0.85
114.00	115.50	1.50	D15258	ALS Chemex	SD20064203	16-Apr-20	6.00	25	-	370	5	10	2.02	5	5	8.17	-	-	8.17	25	-	1.80	25	-	0.81
115.50	117.00	1.50	D15259	ALS Chemex	SD20064203	16-Apr-20	6.88	25	-	350	5	10	2.16	5	5	8.28	-	-	8.28	25	-	1.30	25	-	0.91
117.00	118.50	1.50	D15260	ALS Chemex	SD20064203	16-Apr-20	7.23	25	-	410	5	10	2.05	5	5	8.67	-	-	8.67	25	-	1.70	25	-	0.90
118.50	120.00	1.50	D15261	ALS Chemex	SD20064203	16-Apr-20	6.83	25	-	340	5	10	1.98	5	5	8.15	-	-	8.15	25	-	1.20	25	-	0.82
120.00	121.50	1.50	D15262	ALS Chemex	SD20064203	16-Apr-20	6.38	25	-	170	5	10	2.74	5	5	8.64	-	-	8.64	25	-	0.70	25	-	0.79
121.50	123.00	1.50	D15263	ALS Chemex	SD20064203	16-Apr-20	7.18	25	-	350	5	10	2.32	5	5	9.34	-	-	9.34	25	-	1.50	25	-	0.84
123.00	124.50	1.50	D15264	ALS Chemex	SD20064203	16-Apr-20	6.59	25	-	260	5	10	2.49	5	5	9.17	-	-	9.17	25	-	1.00	25	-	0.84
124.50	126.00	1.50	D15265	ALS Chemex	SD20064203	16-Apr-20	6.83	25	-	350	5	10	2.09	5	5	9.03	-	-	9.03	25	-	1.40	25	-	0.84
129.00	130.00	1.00	D15266	ALS Chemex	SD20064203	16-Apr-20	6.86	25	-	360	5	10	2.38	5	5	9.15	-	-	9.15	25	-	1.40	25	-	0.77
130.00	131.00	1.00	D15267	ALS Chemex	SD20064203	16-Apr-20	6.55	25	-	320	5	10	2.47	5	5	8.81	-	-	8.81	25	-	1.10	25	-	0.74
131.00	132.00	1.00	D15268	ALS Chemex	SD20064203	16-Apr-20	6.68	25	-	280	5	10	2.32	5	5	8.98	-	-	8.98	25	-	1.20	25	-	0.77
135.00	136.00	1.00	D15269	ALS Chemex	SD20064203	16-Apr-20	6.84	25	-	380	5	10	2.72	5	5	9.32	-	-	9.32	25	-	1.40	25	-	0.81
136.00	137.00	1.00	D15271	ALS Chemex	SD20064203	16-Apr-20	7.12	25	-	130	5	10	2.32	5	5	9.61	-	-	9.61	25	-	0.50	25	-	1.02
137.00	138.00	1.00	D15272	ALS Chemex	SD20064203	16-Apr-20	6.58	25	-	80	5	10	2.56	5	5	9.18	-	-	9.18	25	-	0.40	25	-	1.21
138.00	139.00	1.00	D15273	ALS Chemex	SD20064203	16-Apr-20	7.05	25	-	480	5	10	5.17	5	50	10.60	-	-	10.60	25	-	1.60	25	-	2.79
147.00	148.50	1.50	D15274	ALS Chemex	SD20064203	16-Apr-20	6.62	25	-	270	5	10	2.42	5	5	8.20	-	-	8.20	25	-	1.30	25	-	0.83
148.50	150.00	1.50	D15276	ALS Chemex	SD20064203	16-Apr-20	6.66	25	-	360	5	10	2.59	5	5	8.25	-	-	8.25	25	-	1.80	25	-	0.80
156.00	157.50	1.50	D15277	ALS Chemex	SD20064203	16-Apr-20	6.77	25	-	300	5	10	2.45	5	5	8.16	-	-	8.16	25	-	1.50	25	-	0.74

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

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 (%)
157.50	159.00	1.50	D15278	ALS Chemex	SD20064203	16-Apr-20	5.51	25	-	300	5	10	3.80	5	5	8.38	-	-	8.38	25	-	1.40	25	-	0.66
159.00	160.50	1.50	D15279	ALS Chemex	SD20064203	16-Apr-20	6.88	25	-	340	5	10	2.64	5	5	9.25	-	-	9.25	25	-	1.80	25	-	0.84
160.50	162.00	1.50	D15280	ALS Chemex	SD20064203	16-Apr-20	6.45	25	-	290	5	10	3.08	5	5	9.32	-	-	9.32	25	-	1.60	25	-	0.72
162.00	163.00	1.00	D15281	ALS Chemex	SD20064203	16-Apr-20	6.58	25	-	340	5	10	2.73	5	5	9.79	-	-	9.79	25	-	1.70	25	-	0.71
163.00	163.90	0.90	D15282	ALS Chemex	SD20064203	16-Apr-20	6.86	25	-	320	5	10	1.95	5	5	10.40	-	-	10.40	25	-	1.30	25	-	1.13
163.90	165.00	1.10	D15283	ALS Chemex	SD20064203	16-Apr-20	5.55	25	-	180	5	10	0.86	5	20	5.74	-	-	5.74	25	-	0.60	25	-	0.62
165.00	166.00	1.00	D15284	ALS Chemex	SD20064203	16-Apr-20	4.73	25	-	240	5	10	0.33	5	40	3.96	-	-	3.96	25	-	0.70	25	-	0.30
166.00	167.00	1.00	D15285	ALS Chemex	SD20064203	16-Apr-20	5.42	25	-	430	5	10	0.55	5	40	5.77	-	-	5.77	25	-	1.40	25	-	0.51
167.00	168.00	1.00	D15286	ALS Chemex	SD20064203	16-Apr-20	6.31	25	-	480	5	10	0.84	5	60	5.74	-	-	5.74	25	-	1.60	25	-	0.78
168.00	169.00	1.00	D15287	ALS Chemex	SD20064203	16-Apr-20	4.37	25	-	200	5	10	0.46	5	40	3.18	-	-	3.18	25	-	0.70	25	-	0.36
169.00	169.70	0.70	D15288	ALS Chemex	SD20064203	16-Apr-20	5.34	25	-	220	5	10	0.82	5	30	4.30	-	-	4.30	25	-	0.70	50	-	0.46
169.70	171.00	1.30	D15289	ALS Chemex	SD20064203	16-Apr-20	7.73	25	-	440	5	10	1.27	5	40	8.92	-	-	8.92	25	-	2.40	25	-	1.63
171.00	172.50	1.50	D15291	ALS Chemex	SD20064203	16-Apr-20	6.66	25	-	320	5	10	1.26	5	40	7.34	-	-	7.34	25	-	2.10	25	-	1.49
172.50	174.00	1.50	D15292	ALS Chemex	SD20064203	16-Apr-20	7.99	25	-	350	5	10	1.43	5	40	8.03	-	-	8.03	25	-	1.80	25	-	1.75
174.00	175.50	1.50	D15293	ALS Chemex	SD20064203	16-Apr-20	6.59	25	-	230	5	10	1.16	5	40	6.81	-	-	6.81	25	-	1.50	25	-	1.59
175.50	177.00	1.50	D15294	ALS Chemex	SD20064203	16-Apr-20	7.47	25	-	380	5	10	1.31	5	40	7.44	-	-	7.44	25	-	2.30	25	-	1.67
177.00	178.50	1.50	D15296	ALS Chemex	SD20064203	16-Apr-20	7.31	25	-	310	5	10	1.30	5	40	7.75	-	-	7.75	25	-	2.10	25	-	1.69
178.50	180.00	1.50	D15297	ALS Chemex	SD20064203	16-Apr-20	7.67	25	-	190	5	10	1.03	5	40	7.79	-	-	7.79	25	-	1.50	25	-	1.80
180.00	181.50	1.50	D15298	ALS Chemex	SD20064203	16-Apr-20	6.85	25	-	200	5	10	1.17	5	40	7.69	-	-	7.69	25	-	1.50	25	-	1.79
181.50	183.00	1.50	D15299	ALS Chemex	SD20064203	16-Apr-20	5.64	25	-	190	5	10	0.88	5	40	6.84	-	-	6.84	25	-	1.50	25	-	1.51
183.00	184.50	1.50	D15300	ALS Chemex	SD20064203	16-Apr-20	6.05	25	-	200	5	10	0.97	5	40	7.30	-	-	7.30	25	-	1.70	25	-	1.59
184.50	186.00	1.50	D15301	ALS Chemex	SD20064203	16-Apr-20	6.51	25	-	220	5	10	1.03	5	40	6.92	-	-	6.92	25	-	1.70	25	-	1.57
186.00	187.00	1.00	D15302	ALS Chemex	SD20064203	16-Apr-20	6.31	25	-	290	5	10	1.36	5	40	7.59	-	-	7.59	25	-	1.80	25	-	1.63
187.00	188.00	1.00	D15303	ALS Chemex	SD20064203	16-Apr-20	6.81	25	-	290	5	10	1.49	5	40	7.62	-	-	7.62	25	-	1.60	25	-	1.61
188.00	189.00	1.00	D15304	ALS Chemex	SD20064203	16-Apr-20	7.43	25	-	380	5	10	1.62	5	40	7.42	-	-	7.42	25	-	2.20	25	-	1.63
189.00	190.50	1.50	D15305	ALS Chemex	SD20064203	16-Apr-20	6.72	25	-	260	5	10	1.91	5	40	7.04	-	-	7.04	25	-	1.70	25	-	1.59
190.50	192.00	1.50	D15306	ALS Chemex	SD20064203	16-Apr-20	6.71	25	-	250	5	10	1.72	5	40	7.01	-	-	7.01	25	-	1.60	25	-	1.58
192.00	193.50	1.50	D15307	ALS Chemex	SD20064203	16-Apr-20	5.88	25	-	300	5	10	1.46	5	40	6.80	-	-	6.80	25	-	1.60	25	-	1.49
193.50	195.00	1.50	D15308	ALS Chemex	SD20064203	16-Apr-20	5.51	25	-	220	5	10	1.86	5	40	6.52	-	-	6.52	25	-	1.80	25	-	1.44
195.00	196.50	1.50	D15309	ALS Chemex	SD20064203	16-Apr-20	5.79	25	-	210	5	10	1.61	5	40	6.58	-	-	6.58	25	-	1.70	25	-	1.55

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

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 (%)
196.50	198.00	1.50	D15311	ALS Chemex	SD20064203	16-Apr-20	5.96	25	-	230	5	10	1.57	5	40	7.22	-	-	7.22	25	-	1.70	25	-	1.60
198.00	199.50	1.50	D15312	ALS Chemex	SD20064203	16-Apr-20	5.04	25	-	170	5	10	1.82	5	40	5.92	-	-	5.92	25	-	1.30	25	-	1.34
199.50	201.00	1.50	D15313	ALS Chemex	SD20064203	16-Apr-20	5.10	25	-	230	5	10	1.85	5	40	5.74	-	-	5.74	25	-	1.90	25	-	1.36
201.00	202.50	1.50	D15314	ALS Chemex	SD20064203	16-Apr-20	5.40	25	-	240	5	10	2.23	5	40	6.63	-	-	6.63	25	-	1.60	25	-	1.51
202.50	204.00	1.50	D15316	ALS Chemex	SD20064203	16-Apr-20	5.92	25	-	220	5	10	3.32	5	40	6.78	-	-	6.78	25	-	1.30	25	-	1.28
204.00	205.00	1.00	D15317	ALS Chemex	SD20064203	16-Apr-20	6.96	25	-	250	5	10	2.13	5	40	8.68	-	-	8.68	25	-	2.00	25	-	1.47
205.00	206.00	1.00	D15318	ALS Chemex	SD20064203	16-Apr-20	6.91	25	-	240	5	10	2.26	5	40	8.44	-	-	8.44	25	-	2.10	25	-	1.60
206.00	207.00	1.00	D15319	ALS Chemex	SD20064203	16-Apr-20	6.54	25	-	260	5	10	2.30	5	40	7.86	-	-	7.86	25	-	1.80	25	-	1.56
207.00	208.50	1.50	D15320	ALS Chemex	SD20064203	16-Apr-20	6.35	25	-	310	5	10	2.50	5	50	6.96	-	-	6.96	25	-	1.80	25	-	1.49
208.50	210.00	1.50	D15321	ALS Chemex	SD20064203	16-Apr-20	5.36	25	-	260	5	10	2.39	5	40	6.40	-	-	6.40	25	-	1.40	25	-	1.61
210.00	210.85	0.85	D15322	ALS Chemex	SD20064203	16-Apr-20	5.37	25	-	360	5	10	1.94	5	40	5.31	-	-	5.31	25	-	2.00	25	-	1.71
222.40	223.00	0.60	D15332	ALS Chemex	SD20064203	16-Apr-20	5.24	25	-	280	5	10	4.47	5	40	4.75	-	-	4.75	25	-	1.30	25	-	1.43
223.00	224.00	1.00	D15333	ALS Chemex	SD20064203	16-Apr-20	5.23	25	-	280	5	10	3.20	5	40	5.52	-	-	5.52	25	-	1.40	25	-	1.48
224.00	225.00	1.00	D15334	ALS Chemex	SD20064203	16-Apr-20	4.81	25	-	270	5	10	2.97	5	40	5.02	-	-	5.02	25	-	1.30	25	-	1.41
232.00	233.00	1.00	D15323	ALS Chemex	SD20064203	16-Apr-20	4.43	25	-	180	5	10	3.12	5	50	5.02	-	-	5.02	25	-	1.10	25	-	1.38
233.00	234.00	1.00	D15324	ALS Chemex	SD20064203	16-Apr-20	4.23	25	-	200	5	10	3.00	5	50	4.68	-	-	4.68	25	-	1.00	25	-	1.20
234.00	235.00	1.00	D15325	ALS Chemex	SD20064203	16-Apr-20	4.90	25	-	180	5	10	2.94	5	40	5.14	-	-	5.14	25	-	1.00	25	-	1.34
235.00	236.00	1.00	D15326	ALS Chemex	SD20064203	16-Apr-20	4.88	25	-	220	5	10	2.89	5	40	5.48	-	-	5.48	25	-	1.00	25	-	1.56
236.00	237.00	1.00	D15327	ALS Chemex	SD20064203	16-Apr-20	4.66	25	-	220	5	10	3.03	5	40	4.79	-	-	4.79	25	-	1.00	25	-	1.36
237.00	238.00	1.00	D15328	ALS Chemex	SD20064203	16-Apr-20	4.79	25	-	250	5	10	3.00	5	40	5.75	-	-	5.75	25	-	1.20	25	-	1.42
238.00	239.00	1.00	D15329	ALS Chemex	SD20064203	16-Apr-20	4.65	25	-	190	5	10	3.28	5	40	5.24	-	-	5.24	25	-	1.00	25	-	1.38
242.35	242.65	0.30	D15331	ALS Chemex	SD20064203	16-Apr-20	2.38	25	-	25	5	10	7.47	5	50	1.98	-	-	1.98	25	-	0.30	25	-	0.52

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

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 (%)	TI (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)
42.50	44.00	1.50	D15211	ALS Chemex	SD20064203	16-Apr-20	880	5	3.15	630	10	0.03	25	10	-	100	-	25	0.50	25	25	150	25	-	70
44.00	45.50	1.50	D15212	ALS Chemex	SD20064203	16-Apr-20	890	5	3.05	630	10	0.03	25	10	-	120	-	25	0.50	25	25	160	25	-	60
45.50	47.00	1.50	D15213	ALS Chemex	SD20064203	16-Apr-20	870	5	3.11	630	10	0.03	25	10	-	120	-	25	0.51	25	25	160	25	-	50
47.00	48.50	1.50	D15214	ALS Chemex	SD20064203	16-Apr-20	880	5	3.39	680	10	0.03	25	10	-	110	-	25	0.52	25	25	160	25	-	60
48.50	50.00	1.50	D15216	ALS Chemex	SD20064203	16-Apr-20	910	5	3.38	660	10	0.03	25	10	-	110	-	25	0.53	25	25	160	25	-	60
50.00	51.50	1.50	D15217	ALS Chemex	SD20064203	16-Apr-20	880	5	3.30	670	10	0.03	25	20	-	110	-	25	0.51	25	25	160	25	-	60
51.50	53.00	1.50	D15218	ALS Chemex	SD20064203	16-Apr-20	840	5	3.26	640	10	0.03	25	10	-	120	-	25	0.49	25	25	160	25	-	50
53.00	54.50	1.50	D15219	ALS Chemex	SD20064203	16-Apr-20	880	5	3.03	670	10	0.03	25	10	-	110	-	25	0.50	25	25	160	25	-	60
54.50	56.00	1.50	D15220	ALS Chemex	SD20064203	16-Apr-20	920	5	3.09	580	10	0.03	25	10	-	90	-	25	0.48	25	25	150	25	-	70
56.00	57.50	1.50	D15221	ALS Chemex	SD20064203	16-Apr-20	840	5	3.30	610	10	0.03	25	10	-	100	-	25	0.49	25	25	150	25	-	70
57.50	59.00	1.50	D15222	ALS Chemex	SD20064203	16-Apr-20	860	5	3.87	740	10	0.03	25	20	-	120	-	25	0.57	25	25	170	25	-	80
59.00	60.50	1.50	D15223	ALS Chemex	SD20064203	16-Apr-20	970	5	3.97	760	10	0.03	25	10	-	130	-	25	0.59	25	25	170	25	-	80
60.50	62.00	1.50	D15224	ALS Chemex	SD20064203	16-Apr-20	950	5	4.20	780	10	0.03	25	10	-	150	-	25	0.63	25	25	190	25	-	90
62.00	63.25	1.25	D15225	ALS Chemex	SD20064203	16-Apr-20	850	5	3.45	710	10	0.07	25	20	-	110	-	25	0.52	25	25	170	25	-	70
63.25	64.55	1.30	D15226	ALS Chemex	SD20064203	16-Apr-20	840	5	3.51	640	10	0.05	25	10	-	110	-	25	0.51	25	25	160	25	-	60
64.55	66.00	1.45	D15227	ALS Chemex	SD20064203	16-Apr-20	910	5	2.95	610	10	0.03	25	10	-	90	-	25	0.50	25	25	150	25	-	70
66.00	67.50	1.50	D15228	ALS Chemex	SD20064203	16-Apr-20	870	5	3.12	620	10	0.05	25	20	-	90	-	25	0.50	25	25	150	25	-	90
67.50	69.00	1.50	D15229	ALS Chemex	SD20064203	16-Apr-20	910	5	3.24	620	10	0.03	25	10	-	90	-	25	0.49	25	25	160	25	-	70
69.00	70.50	1.50	D15231	ALS Chemex	SD20064203	16-Apr-20	840	5	3.59	670	10	0.03	25	10	-	90	-	25	0.52	25	25	160	25	-	70
70.50	72.00	1.50	D15232	ALS Chemex	SD20064203	16-Apr-20	860	5	3.69	680	10	0.03	25	20	-	90	-	25	0.54	25	25	160	25	-	80
78.00	79.50	1.50	D15233	ALS Chemex	SD20064203	16-Apr-20	860	5	3.76	670	10	0.03	25	10	-	70	-	25	0.52	25	25	150	25	-	70
79.50	81.00	1.50	D15234	ALS Chemex	SD20064203	16-Apr-20	830	5	3.80	710	10	0.03	25	10	-	60	-	25	0.52	25	25	150	25	-	60
81.00	82.00	1.00	D15236	ALS Chemex	SD20064203	16-Apr-20	910	5	3.66	670	10	0.03	25	20	-	90	-	25	0.53	25	25	160	25	-	70
82.00	83.00	1.00	D15237	ALS Chemex	SD20064203	16-Apr-20	910	5	3.28	640	10	0.03	25	20	-	130	-	25	0.53	25	25	160	25	-	70
90.00	91.00	1.00	D15238	ALS Chemex	SD20064203	16-Apr-20	930	5	2.30	690	10	0.03	25	10	-	70	-	25	0.53	25	25	150	25	-	180
91.00	92.00	1.00	D15239	ALS Chemex	SD20064203	16-Apr-20	880	5	2.67	1750	10	0.33	25	20	-	70	-	25	0.66	25	25	50	25	-	440
92.00	92.80	0.80	D15240	ALS Chemex	SD20064203	16-Apr-20	850	5	3.17	2070	10	0.18	25	20	-	50	-	25	0.69	25	25	5	25	-	200
92.80	94.00	1.20	D15241	ALS Chemex	SD20064203	16-Apr-20	900	5	3.30	2100	20	0.21	25	20	-	50	-	25	0.70	25	25	5	25	-	190
94.00	95.00	1.00	D15242	ALS Chemex	SD20064203	16-Apr-20	1020	5	3.06	2100	10	0.25	25	20	-	60	-	25	0.70	25	25	5	25	-	120
95.00	96.00	1.00	D15243	ALS Chemex	SD20064203	16-Apr-20	900	5	3.31	2150	10	0.14	25	20	-	50	-	25	0.70	25	25	5	25	-	90

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

Project: NORTH AMERICAN NICKEL

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**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)
96.00	97.50	1.50	D15244	ALS Chemex	SD20064203	16-Apr-20	850	5	3.37	2100	10	0.17	25	20	-	50	-	25	0.70	25	25	5	25	-	80
97.50	99.00	1.50	D15245	ALS Chemex	SD20064203	16-Apr-20	730	5	3.07	2090	10	0.36	25	20	-	60	-	25	0.69	25	25	5	25	-	70
99.00	100.50	1.50	D15246	ALS Chemex	SD20064203	16-Apr-20	840	5	2.89	2160	10	0.17	25	20	-	80	-	25	0.71	25	25	5	25	-	60
100.50	102.00	1.50	D15247	ALS Chemex	SD20064203	16-Apr-20	730	5	3.09	2050	10	0.26	25	20	-	70	-	25	0.69	25	25	5	25	-	50
102.00	103.50	1.50	D15248	ALS Chemex	SD20064203	16-Apr-20	600	5	3.27	2170	10	0.19	25	20	-	60	-	25	0.70	25	25	5	25	-	50
103.50	105.00	1.50	D15249	ALS Chemex	SD20064203	16-Apr-20	600	5	2.96	2050	10	0.27	25	20	-	60	-	25	0.68	25	25	5	25	-	40
105.00	106.50	1.50	D15251	ALS Chemex	SD20064203	16-Apr-20	590	5	2.95	2080	10	0.28	25	30	-	60	-	25	0.70	25	25	5	25	-	40
106.50	108.00	1.50	D15252	ALS Chemex	SD20064203	16-Apr-20	530	5	3.08	2140	10	0.20	25	20	-	60	-	25	0.69	25	25	5	25	-	40
108.00	109.50	1.50	D15253	ALS Chemex	SD20064203	16-Apr-20	510	5	3.26	2080	10	0.10	25	20	-	50	-	25	0.68	25	25	5	25	-	30
109.50	111.00	1.50	D15254	ALS Chemex	SD20064203	16-Apr-20	510	5	3.01	2060	10	0.21	25	20	-	60	-	25	0.68	25	25	5	25	-	40
111.00	112.50	1.50	D15256	ALS Chemex	SD20064203	16-Apr-20	500	5	3.18	2130	10	0.18	25	20	-	50	-	25	0.70	25	25	5	25	-	40
112.50	114.00	1.50	D15257	ALS Chemex	SD20064203	16-Apr-20	490	5	2.78	2020	10	0.22	25	20	-	60	-	25	0.66	25	25	5	25	-	50
114.00	115.50	1.50	D15258	ALS Chemex	SD20064203	16-Apr-20	510	5	2.96	1980	10	0.15	25	20	-	50	-	25	0.66	25	25	5	25	-	30
115.50	117.00	1.50	D15259	ALS Chemex	SD20064203	16-Apr-20	510	5	2.66	2080	10	0.18	25	20	-	80	-	25	0.67	25	25	5	25	-	30
117.00	118.50	1.50	D15260	ALS Chemex	SD20064203	16-Apr-20	480	5	3.02	2190	10	0.20	25	30	-	70	-	25	0.71	25	25	5	25	-	30
118.50	120.00	1.50	D15261	ALS Chemex	SD20064203	16-Apr-20	450	5	3.27	2120	10	0.15	25	20	-	50	-	25	0.70	25	25	5	25	-	30
120.00	121.50	1.50	D15262	ALS Chemex	SD20064203	16-Apr-20	550	5	2.87	2030	10	0.29	25	20	-	70	-	25	0.65	25	25	5	25	-	30
121.50	123.00	1.50	D15263	ALS Chemex	SD20064203	16-Apr-20	460	5	3.10	2120	10	0.38	25	30	-	60	-	25	0.70	25	25	5	25	-	30
123.00	124.50	1.50	D15264	ALS Chemex	SD20064203	16-Apr-20	530	5	2.70	1970	10	0.16	25	20	-	60	-	25	0.65	25	25	5	25	-	30
124.50	126.00	1.50	D15265	ALS Chemex	SD20064203	16-Apr-20	530	5	3.06	2130	10	0.16	25	20	-	50	-	25	0.69	25	25	5	25	-	40
129.00	130.00	1.00	D15266	ALS Chemex	SD20064203	16-Apr-20	530	5	3.01	2120	10	0.15	25	30	-	60	-	25	0.70	25	25	5	25	-	70
130.00	131.00	1.00	D15267	ALS Chemex	SD20064203	16-Apr-20	590	5	2.99	2100	10	0.09	25	20	-	60	-	25	0.70	25	25	5	25	-	40
131.00	132.00	1.00	D15268	ALS Chemex	SD20064203	16-Apr-20	540	5	3.09	2100	10	0.20	25	20	-	40	-	25	0.69	25	25	5	25	-	30
135.00	136.00	1.00	D15269	ALS Chemex	SD20064203	16-Apr-20	690	5	2.22	2030	10	0.17	25	20	-	100	-	25	0.66	25	25	5	25	-	70
136.00	137.00	1.00	D15271	ALS Chemex	SD20064203	16-Apr-20	840	5	2.49	2160	10	0.76	25	30	-	70	-	25	0.72	25	25	5	25	-	80
137.00	138.00	1.00	D15272	ALS Chemex	SD20064203	16-Apr-20	880	5	1.97	2100	10	0.58	25	30	-	70	-	25	0.68	25	25	10	25	-	70
138.00	139.00	1.00	D15273	ALS Chemex	SD20064203	16-Apr-20	1360	5	1.23	1000	10	0.18	25	30	-	160	-	25	0.86	25	25	230	25	-	100
147.00	148.50	1.50	D15274	ALS Chemex	SD20064203	16-Apr-20	710	5	2.82	2110	10	0.13	25	20	-	80	-	25	0.70	25	25	5	25	-	40
148.50	150.00	1.50	D15276	ALS Chemex	SD20064203	16-Apr-20	670	5	2.54	2010	10	0.13	25	20	-	110	-	25	0.68	25	25	5	25	-	40
156.00	157.50	1.50	D15277	ALS Chemex	SD20064203	16-Apr-20	670	5	3.17	2130	10	0.07	25	20	-	70	-	25	0.70	25	25	5	25	-	70

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

Project: NORTH AMERICAN NICKEL

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**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)
157.50	159.00	1.50	D15278	ALS Chemex	SD20064203	16-Apr-20	800	5	3.09	1960	10	0.13	25	20	-	80	-	25	0.65	25	25	5	25	-	70
159.00	160.50	1.50	D15279	ALS Chemex	SD20064203	16-Apr-20	750	5	2.70	2040	10	0.11	25	20	-	100	-	25	0.69	25	25	5	25	-	80
160.50	162.00	1.50	D15280	ALS Chemex	SD20064203	16-Apr-20	750	5	2.92	2030	10	0.11	25	20	-	80	-	25	0.67	25	25	5	25	-	60
162.00	163.00	1.00	D15281	ALS Chemex	SD20064203	16-Apr-20	790	5	2.74	1990	10	0.19	25	20	-	90	-	25	0.67	25	25	5	25	-	100
163.00	163.90	0.90	D15282	ALS Chemex	SD20064203	16-Apr-20	720	10	2.32	1960	30	0.56	25	30	-	70	-	25	0.66	25	25	5	25	-	230
163.90	165.00	1.10	D15283	ALS Chemex	SD20064203	16-Apr-20	410	10	3.19	570	10	0.95	25	10	-	50	-	25	0.25	25	25	5	25	-	1420
165.00	166.00	1.00	D15284	ALS Chemex	SD20064203	16-Apr-20	200	5	3.69	100	10	1.19	25	5	-	20	-	25	0.11	25	25	10	25	-	330
166.00	167.00	1.00	D15285	ALS Chemex	SD20064203	16-Apr-20	310	10	3.08	160	10	1.74	25	5	-	40	-	25	0.16	25	25	20	25	-	1030
167.00	168.00	1.00	D15286	ALS Chemex	SD20064203	16-Apr-20	400	10	3.16	300	10	1.05	25	10	-	60	-	25	0.22	25	25	50	25	-	190
168.00	169.00	1.00	D15287	ALS Chemex	SD20064203	16-Apr-20	240	10	3.46	100	10	0.68	25	5	-	30	-	25	0.11	25	25	10	25	-	450
169.00	169.70	0.70	D15288	ALS Chemex	SD20064203	16-Apr-20	310	10	3.30	140	10	0.89	25	5	-	40	-	25	0.12	25	25	20	25	-	390
169.70	171.00	1.30	D15289	ALS Chemex	SD20064203	16-Apr-20	640	5	2.72	540	10	1.10	25	20	-	90	-	25	0.37	25	25	110	25	-	200
171.00	172.50	1.50	D15291	ALS Chemex	SD20064203	16-Apr-20	610	5	3.13	540	10	0.63	25	10	-	80	-	25	0.38	25	25	120	25	-	490
172.50	174.00	1.50	D15292	ALS Chemex	SD20064203	16-Apr-20	620	5	2.89	540	10	0.79	25	20	-	90	-	25	0.38	25	25	110	25	-	590
174.00	175.50	1.50	D15293	ALS Chemex	SD20064203	16-Apr-20	550	5	3.38	540	10	0.30	25	10	-	90	-	25	0.38	25	25	120	25	-	220
175.50	177.00	1.50	D15294	ALS Chemex	SD20064203	16-Apr-20	510	5	3.02	560	10	0.63	25	20	-	100	-	25	0.38	25	25	120	25	-	150
177.00	178.50	1.50	D15296	ALS Chemex	SD20064203	16-Apr-20	590	5	2.94	560	10	0.57	25	20	-	90	-	25	0.38	25	25	120	25	-	100
178.50	180.00	1.50	D15297	ALS Chemex	SD20064203	16-Apr-20	600	5	3.32	560	10	0.25	25	20	-	70	-	25	0.39	25	25	120	25	-	110
180.00	181.50	1.50	D15298	ALS Chemex	SD20064203	16-Apr-20	650	5	3.07	520	10	0.23	25	10	-	70	-	25	0.37	25	25	120	25	-	120
181.50	183.00	1.50	D15299	ALS Chemex	SD20064203	16-Apr-20	590	5	3.52	550	10	0.23	25	10	-	60	-	25	0.38	25	25	120	25	-	100
183.00	184.50	1.50	D15300	ALS Chemex	SD20064203	16-Apr-20	570	5	3.36	530	10	0.13	25	10	-	70	-	25	0.38	25	25	120	25	-	110
184.50	186.00	1.50	D15301	ALS Chemex	SD20064203	16-Apr-20	550	5	3.51	560	10	0.24	25	10	-	60	-	25	0.38	25	25	120	25	-	110
186.00	187.00	1.00	D15302	ALS Chemex	SD20064203	16-Apr-20	590	5	2.81	520	10	0.52	25	10	-	80	-	25	0.37	25	25	110	25	-	120
187.00	188.00	1.00	D15303	ALS Chemex	SD20064203	16-Apr-20	550	5	3.04	550	10	0.72	25	10	-	90	-	25	0.38	25	25	120	25	-	120
188.00	189.00	1.00	D15304	ALS Chemex	SD20064203	16-Apr-20	500	5	2.87	580	10	0.67	25	20	-	110	-	25	0.38	25	25	120	25	-	130
189.00	190.50	1.50	D15305	ALS Chemex	SD20064203	16-Apr-20	590	5	2.86	550	10	0.51	25	10	-	90	-	25	0.37	25	25	120	25	-	110
190.50	192.00	1.50	D15306	ALS Chemex	SD20064203	16-Apr-20	570	5	3.00	570	10	0.49	25	10	-	90	-	25	0.38	25	25	120	25	-	110
192.00	193.50	1.50	D15307	ALS Chemex	SD20064203	16-Apr-20	530	5	2.90	540	10	0.43	25	10	-	90	-	25	0.38	25	25	120	25	-	90
193.50	195.00	1.50	D15308	ALS Chemex	SD20064203	16-Apr-20	530	5	2.77	540	10	0.30	25	10	-	100	-	25	0.37	25	25	120	25	-	70
195.00	196.50	1.50	D15309	ALS Chemex	SD20064203	16-Apr-20	560	5	3.10	570	10	0.19	25	10	-	90	-	25	0.38	25	25	120	25	-	70

**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

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)
196.50	198.00	1.50	D15311	ALS Chemex	SD20064203	16-Apr-20	580	5	2.88	570	10	0.53	25	10	-	80	-	25	0.38	25	25	120	25	-	60
198.00	199.50	1.50	D15312	ALS Chemex	SD20064203	16-Apr-20	500	5	3.09	570	10	0.12	25	10	-	100	-	25	0.37	25	25	120	25	-	40
199.50	201.00	1.50	D15313	ALS Chemex	SD20064203	16-Apr-20	460	5	2.61	500	10	0.06	25	10	-	110	-	25	0.36	25	25	120	25	-	40
201.00	202.50	1.50	D15314	ALS Chemex	SD20064203	16-Apr-20	490	5	2.46	550	10	0.07	25	10	-	120	-	25	0.38	25	25	120	25	-	40
202.50	204.00	1.50	D15316	ALS Chemex	SD20064203	16-Apr-20	470	5	1.84	540	10	0.21	25	10	-	140	-	25	0.36	25	25	120	25	-	50
204.00	205.00	1.00	D15317	ALS Chemex	SD20064203	16-Apr-20	390	5	2.25	550	10	0.77	25	10	-	120	-	25	0.36	25	25	110	25	-	70
205.00	206.00	1.00	D15318	ALS Chemex	SD20064203	16-Apr-20	430	5	2.14	570	40	0.29	25	10	-	130	-	25	0.38	25	25	120	25	-	60
206.00	207.00	1.00	D15319	ALS Chemex	SD20064203	16-Apr-20	380	5	2.11	550	10	0.26	25	10	-	130	-	25	0.38	25	25	120	25	-	60
207.00	208.50	1.50	D15320	ALS Chemex	SD20064203	16-Apr-20	360	5	1.95	540	10	0.32	25	10	-	130	-	25	0.38	25	25	120	25	-	60
208.50	210.00	1.50	D15321	ALS Chemex	SD20064203	16-Apr-20	350	5	2.08	520	10	0.28	25	10	-	110	-	25	0.37	25	25	120	25	-	60
210.00	210.85	0.85	D15322	ALS Chemex	SD20064203	16-Apr-20	330	5	2.18	520	10	0.11	25	10	-	100	-	25	0.36	25	25	110	25	-	60
222.40	223.00	0.60	D15332	ALS Chemex	SD20064203	16-Apr-20	720	5	2.63	480	10	0.17	25	10	-	50	-	25	0.34	25	25	110	25	-	50
223.00	224.00	1.00	D15333	ALS Chemex	SD20064203	16-Apr-20	690	5	2.65	530	10	0.37	25	10	-	80	-	25	0.37	25	25	120	25	-	50
224.00	225.00	1.00	D15334	ALS Chemex	SD20064203	16-Apr-20	660	5	2.61	550	10	0.24	25	10	-	120	-	25	0.36	25	25	120	25	-	40
232.00	233.00	1.00	D15323	ALS Chemex	SD20064203	16-Apr-20	720	5	3.14	510	10	0.17	25	10	-	80	-	25	0.35	25	25	110	25	-	30
233.00	234.00	1.00	D15324	ALS Chemex	SD20064203	16-Apr-20	680	5	3.28	530	10	0.30	25	10	-	80	-	25	0.35	25	25	110	25	-	30
234.00	235.00	1.00	D15325	ALS Chemex	SD20064203	16-Apr-20	750	5	3.30	560	10	0.17	25	10	-	90	-	25	0.38	25	25	120	25	-	30
235.00	236.00	1.00	D15326	ALS Chemex	SD20064203	16-Apr-20	800	5	3.22	510	10	0.24	25	10	-	100	-	25	0.38	25	25	120	25	-	40
236.00	237.00	1.00	D15327	ALS Chemex	SD20064203	16-Apr-20	730	5	3.31	520	10	0.18	25	10	-	90	-	25	0.36	25	25	120	25	-	30
237.00	238.00	1.00	D15328	ALS Chemex	SD20064203	16-Apr-20	750	5	2.68	500	10	0.51	25	10	-	110	-	25	0.36	25	25	110	25	-	60
238.00	239.00	1.00	D15329	ALS Chemex	SD20064203	16-Apr-20	770	5	2.80	500	10	0.23	25	10	-	80	-	25	0.35	25	25	110	25	-	40
242.35	242.65	0.30	D15331	ALS Chemex	SD20064203	16-Apr-20	450	5	1.01	180	10	0.23	25	10	-	30	-	25	0.13	25	25	30	25	-	40

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-004

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)
42.50	44.00	1.50	D15211	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
44.00	45.50	1.50	D15212	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
45.50	47.00	1.50	D15213	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
47.00	48.50	1.50	D15214	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
48.50	50.00	1.50	D15216	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
50.00	51.50	1.50	D15217	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
51.50	53.00	1.50	D15218	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
53.00	54.50	1.50	D15219	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
54.50	56.00	1.50	D15220	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
56.00	57.50	1.50	D15221	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
57.50	59.00	1.50	D15222	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
59.00	60.50	1.50	D15223	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
60.50	62.00	1.50	D15224	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
62.00	63.25	1.25	D15225	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
63.25	64.55	1.30	D15226	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
64.55	66.00	1.45	D15227	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
66.00	67.50	1.50	D15228	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
67.50	69.00	1.50	D15229	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
69.00	70.50	1.50	D15231	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
70.50	72.00	1.50	D15232	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
78.00	79.50	1.50	D15233	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
79.50	81.00	1.50	D15234	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
81.00	82.00	1.00	D15236	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
82.00	83.00	1.00	D15237	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
90.00	91.00	1.00	D15238	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
91.00	92.00	1.00	D15239	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
92.00	92.80	0.80	D15240	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
92.80	94.00	1.20	D15241	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
94.00	95.00	1.00	D15242	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-
95.00	96.00	1.00	D15243	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-



**FULL ANALYTICAL REPORT**  
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Hole Number: LN25-20-004

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)	
96.00	97.50	1.50	D15244	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97.50	99.00	1.50	D15245	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99.00	100.50	1.50	D15246	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.50	102.00	1.50	D15247	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102.00	103.50	1.50	D15248	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103.50	105.00	1.50	D15249	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105.00	106.50	1.50	D15251	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.50	108.00	1.50	D15252	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108.00	109.50	1.50	D15253	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109.50	111.00	1.50	D15254	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111.00	112.50	1.50	D15256	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112.50	114.00	1.50	D15257	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114.00	115.50	1.50	D15258	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115.50	117.00	1.50	D15259	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117.00	118.50	1.50	D15260	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118.50	120.00	1.50	D15261	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120.00	121.50	1.50	D15262	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121.50	123.00	1.50	D15263	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123.00	124.50	1.50	D15264	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124.50	126.00	1.50	D15265	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129.00	130.00	1.00	D15266	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130.00	131.00	1.00	D15267	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131.00	132.00	1.00	D15268	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135.00	136.00	1.00	D15269	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136.00	137.00	1.00	D15271	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137.00	138.00	1.00	D15272	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138.00	139.00	1.00	D15273	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147.00	148.50	1.50	D15274	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148.50	150.00	1.50	D15276	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156.00	157.50	1.50	D15277	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT  
- ICP -**

Hole Number: LN25-20-004

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>	
157.50	159.00	1.50	D15278	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159.00	160.50	1.50	D15279	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160.50	162.00	1.50	D15280	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162.00	163.00	1.00	D15281	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163.00	163.90	0.90	D15282	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163.90	165.00	1.10	D15283	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165.00	166.00	1.00	D15284	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166.00	167.00	1.00	D15285	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
167.00	168.00	1.00	D15286	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168.00	169.00	1.00	D15287	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169.00	169.70	0.70	D15288	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169.70	171.00	1.30	D15289	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171.00	172.50	1.50	D15291	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172.50	174.00	1.50	D15292	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174.00	175.50	1.50	D15293	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
175.50	177.00	1.50	D15294	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
177.00	178.50	1.50	D15296	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178.50	180.00	1.50	D15297	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180.00	181.50	1.50	D15298	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181.50	183.00	1.50	D15299	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183.00	184.50	1.50	D15300	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
184.50	186.00	1.50	D15301	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186.00	187.00	1.00	D15302	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
187.00	188.00	1.00	D15303	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188.00	189.00	1.00	D15304	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189.00	190.50	1.50	D15305	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190.50	192.00	1.50	D15306	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
192.00	193.50	1.50	D15307	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
193.50	195.00	1.50	D15308	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
195.00	196.50	1.50	D15309	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT**
**- ICP -**

Hole Number: LN25-20-004

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)	
196.50	198.00	1.50	D15311	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198.00	199.50	1.50	D15312	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
199.50	201.00	1.50	D15313	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
201.00	202.50	1.50	D15314	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
202.50	204.00	1.50	D15316	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204.00	205.00	1.00	D15317	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205.00	206.00	1.00	D15318	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206.00	207.00	1.00	D15319	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
207.00	208.50	1.50	D15320	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208.50	210.00	1.50	D15321	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210.00	210.85	0.85	D15322	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
222.40	223.00	0.60	D15332	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
223.00	224.00	1.00	D15333	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
224.00	225.00	1.00	D15334	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
232.00	233.00	1.00	D15323	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
233.00	234.00	1.00	D15324	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
234.00	235.00	1.00	D15325	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
235.00	236.00	1.00	D15326	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
236.00	237.00	1.00	D15327	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
237.00	238.00	1.00	D15328	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
238.00	239.00	1.00	D15329	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
242.35	242.65	0.30	D15331	ALS Chemex	SD20064203	16-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: LN25-20-004

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 1 of 4)**

<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>Al2o3 (%)</i>	<i>Bao (%)</i>	<i>Cao (%)</i>	<i>Cr2o3 (%)</i>	<i>Fe2o3 (%)</i>	<i>K2o (%)</i>	<i>Mgo (%)</i>	<i>Mno (%)</i>	<i>Na2o (%)</i>	<i>P2o5 (%)</i>	<i>Sio2 (%)</i>	<i>Sro (%)</i>	<i>Tio2 (%)</i>	<i>Loi (%)</i>	<i>Total (%)</i>	<i>Al (%)</i>	<i>B (ppm)</i>	<i>Ce (ppm)</i>	<i>Cs (ppm)</i>
64.30	64.55	0.25	260871	ALS Chemex	SD20064213	08-Apr-20	15.60	0.04	4.09	0.01	8.36	1.83	4.01	0.11	4.80	0.16	57.50	0.01	0.89	1.79	99.20	-	-	40	0
76.75	77.00	0.25	260872	ALS Chemex	SD20064213	08-Apr-20	15.45	0.03	3.57	0.01	8.56	1.64	4.17	0.12	5.21	0.15	57.10	0.01	0.89	1.59	98.50	-	-	35	1
134.70	134.85	0.15	260873	ALS Chemex	SD20064213	08-Apr-20	13.45	0.05	2.48	0.00	13.10	2.31	1.52	0.09	4.00	0.46	60.00	0.01	1.15	1.24	99.85	-	-	50	3
142.33	142.55	0.22	260874	ALS Chemex	SD20064213	08-Apr-20	13.10	0.03	1.98	0.00	16.95	1.29	1.85	0.11	2.86	0.46	59.10	0.01	1.12	2.28	101.13	-	-	45	2
150.00	150.20	0.20	260875	ALS Chemex	SD20064213	08-Apr-20	13.30	0.04	3.58	0.00	12.95	2.33	1.48	0.11	3.98	0.47	59.80	0.01	1.14	1.03	100.22	-	-	51	4
184.03	184.20	0.17	260876	ALS Chemex	SD20064213	08-Apr-20	15.90	0.03	1.46	0.01	11.40	3.10	3.29	0.07	4.50	0.13	58.90	0.01	0.65	1.37	100.82	-	-	35	4
202.55	202.75	0.20	260877	ALS Chemex	SD20064213	08-Apr-20	15.80	0.03	3.25	0.01	10.55	3.32	3.16	0.06	3.13	0.12	58.90	0.01	0.64	1.55	100.53	-	-	15	4
218.05	218.20	0.15	260878	ALS Chemex	SD20064213	08-Apr-20	15.80	0.03	5.63	0.00	10.55	1.92	3.67	0.10	2.33	0.12	56.80	0.03	0.79	2.29	100.06	-	-	26	2
226.50	226.77	0.27	260879	ALS Chemex	SD20064213	08-Apr-20	15.80	0.03	3.89	0.01	7.50	1.51	3.12	0.09	4.46	0.13	59.60	0.01	0.64	4.24	101.03	-	-	26	1
242.05	242.25	0.20	260880	ALS Chemex	SD20064213	08-Apr-20	18.20	0.02	5.68	0.01	7.74	1.65	2.78	0.10	5.13	0.13	57.10	0.01	0.72	1.71	100.98	-	-	77	0

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: LN25-20-004

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 2 of 4)**

<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>Dy (ppm)</i>	<i>Er (ppm)</i>	<i>Eu (ppm)</i>	<i>Gd (ppm)</i>	<i>Ge (ppm)</i>	<i>Hf (ppm)</i>	<i>Ho (ppm)</i>	<i>In (ppm)</i>	<i>Lu (ppm)</i>	<i>Nb (ppm)</i>	<i>Nd (ppm)</i>	<i>Pr (ppm)</i>	<i>Rb (ppm)</i>	<i>Sm (ppm)</i>	<i>Ta (ppm)</i>	<i>Tb (ppm)</i>	<i>Tm (ppm)</i>	<i>Yb (ppm)</i>	<i>Zr (ppm)</i>
64.30	64.55	0.25	260871	ALS Chemex	SD20064213	08-Apr-20	4	2	1	4	-	4	1	-	0	6	18	5	47	4	0	1	0	2	146
76.75	77.00	0.25	260872	ALS Chemex	SD20064213	08-Apr-20	4	2	1	4	-	4	1	-	0	6	17	4	62	4	0	1	0	2	137
134.70	134.85	0.15	260873	ALS Chemex	SD20064213	08-Apr-20	9	5	2	9	-	7	2	-	1	10	32	7	92	9	1	1	1	5	302
142.33	142.55	0.22	260874	ALS Chemex	SD20064213	08-Apr-20	8	5	2	8	-	7	2	-	1	11	29	6	44	8	1	1	1	5	282
150.00	150.20	0.20	260875	ALS Chemex	SD20064213	08-Apr-20	9	5	2	9	-	7	2	-	1	11	32	7	100	8	1	1	1	5	296
184.03	184.20	0.17	260876	ALS Chemex	SD20064213	08-Apr-20	4	2	1	3	-	4	1	-	0	6	16	4	160	3	0	1	0	2	140
202.55	202.75	0.20	260877	ALS Chemex	SD20064213	08-Apr-20	3	2	1	2	-	4	1	-	0	6	7	2	166	2	0	0	0	2	139
218.05	218.20	0.15	260878	ALS Chemex	SD20064213	08-Apr-20	3	2	1	3	-	3	1	-	0	5	14	3	78	3	0	1	0	2	123
226.50	226.77	0.27	260879	ALS Chemex	SD20064213	08-Apr-20	3	2	1	3	-	4	1	-	0	6	14	3	67	3	0	1	0	2	141
242.05	242.25	0.20	260880	ALS Chemex	SD20064213	08-Apr-20	4	2	2	5	-	4	1	-	0	7	38	9	36	7	1	1	0	2	157

**FULL ANALYTICAL REPORT**  
- Whole Rock -

Hole Number: LN25-20-004

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 3 of 4)**

<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>Ag</i> (ppm)	<i>As</i> (ppm)	<i>Au</i> (ppb)	<i>Ba</i> (ppm)	<i>Be</i> (ppm)	<i>Bi</i> (ppm)	<i>Br</i> (ppm)	<i>Ca</i> (%)	<i>Cd</i> (ppm)	<i>Ci</i> (ppm)	<i>Co</i> (ppm)	<i>Cr</i> (ppm)	<i>Cu</i> (ppm)	<i>Fe</i> (%)	<i>Ga</i> (ppm)	<i>Hg</i> (ppm)	<i>Ir</i> (ppb)	<i>K</i> (%)	<i>La</i> (ppm)
64.30	64.55	0.25	260871	ALS Chemex	SD20064213	08-Apr-20	0	5	1	361	-	-	-	-	0	-	39	30	161	-	20	-	-	-	21
76.75	77.00	0.25	260872	ALS Chemex	SD20064213	08-Apr-20	0	3	1	313	-	-	-	-	0	-	43	20	4	-	18	-	-	-	19
134.70	134.85	0.15	260873	ALS Chemex	SD20064213	08-Apr-20	0	3	1	437	-	-	-	-	0	-	26	5	147	-	24	-	-	-	22
142.33	142.55	0.22	260874	ALS Chemex	SD20064213	08-Apr-20	0	3	1	258	-	-	-	-	0	-	18	5	19	-	23	-	-	-	20
150.00	150.20	0.20	260875	ALS Chemex	SD20064213	08-Apr-20	0	3	1	334	-	-	-	-	0	-	16	5	38	-	24	-	-	-	22
184.03	184.20	0.17	260876	ALS Chemex	SD20064213	08-Apr-20	1	3	3	256	-	-	-	-	1	-	11	40	499	-	18	-	-	-	18
202.55	202.75	0.20	260877	ALS Chemex	SD20064213	08-Apr-20	0	3	1	279	-	-	-	-	0	-	14	40	236	-	19	-	-	-	8
218.05	218.20	0.15	260878	ALS Chemex	SD20064213	08-Apr-20	0	3	1	263	-	-	-	-	0	-	31	20	34	-	19	-	-	-	12
226.50	226.77	0.27	260879	ALS Chemex	SD20064213	08-Apr-20	0	3	1	243	-	-	-	-	0	-	19	50	16	-	19	-	-	-	12
242.05	242.25	0.20	260880	ALS Chemex	SD20064213	08-Apr-20	0	3	1	212	-	-	-	-	0	-	22	50	46	-	22	-	-	-	38

**FULL ANALYTICAL REPORT**  
**- Whole Rock -**

Hole Number: LN25-20-004

Project: NORTH AMERICAN NICKEL

Project Number: 1

**Whole Rock (part 4 of 4)**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Length</i> <i>(m)</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of</i> <i>Certificate</i>	<i>Li</i> <i>(ppm)</i>	<i>Mg</i> <i>(%)</i>	<i>Mn</i> <i>(ppm)</i>	<i>Mo</i> <i>(ppm)</i>	<i>Ni</i> <i>(ppm)</i>	<i>P</i> <i>(%)</i>	<i>Pb</i> <i>(ppm)</i>	<i>Pd</i> <i>(ppb)</i>	<i>Pt</i> <i>(ppb)</i>	<i>S</i> <i>(ppm)</i>	<i>Sb</i> <i>(ppm)</i>	<i>Sc</i> <i>(ppm)</i>	<i>Se</i> <i>(ppm)</i>	<i>Sn</i> <i>(ppm)</i>	<i>Sr</i> <i>(ppm)</i>	<i>Th</i> <i>(ppm)</i>	<i>Ti</i> <i>(%)</i>	<i>Ti</i> <i>(ppm)</i>	<i>U</i> <i>(ppm)</i>
64.30	64.55	0.25	260871	ALS Chemex	SD20064213	08-Apr-20	20	-	-	2	50	-	6	1	3	200	-	18	-	1	122	2	-	5	0
76.75	77.00	0.25	260872	ALS Chemex	SD20064213	08-Apr-20	20	-	-	2	51	-	3	1	3	50	-	18	-	1	112	2	-	5	0
134.70	134.85	0.15	260873	ALS Chemex	SD20064213	08-Apr-20	20	-	-	2	2	-	3	1	3	400	-	25	-	4	51	2	-	5	1
142.33	142.55	0.22	260874	ALS Chemex	SD20064213	08-Apr-20	30	-	-	1	1	-	2	1	3	500	-	25	-	2	35	2	-	5	1
150.00	150.20	0.20	260875	ALS Chemex	SD20064213	08-Apr-20	20	-	-	1	2	-	4	1	3	1600	-	26	-	3	100	2	-	5	1
184.03	184.20	0.17	260876	ALS Chemex	SD20064213	08-Apr-20	30	-	-	2	46	-	13	1	3	800	-	17	-	1	80	2	-	5	1
202.55	202.75	0.20	260877	ALS Chemex	SD20064213	08-Apr-20	30	-	-	1	49	-	4	1	3	600	-	16	-	2	136	2	-	5	1
218.05	218.20	0.15	260878	ALS Chemex	SD20064213	08-Apr-20	30	-	-	1	56	-	3	1	3	900	-	19	-	3	229	2	-	5	0
226.50	226.77	0.27	260879	ALS Chemex	SD20064213	08-Apr-20	30	-	-	1	48	-	1	1	3	500	-	16	-	3	87	2	-	5	1
242.05	242.25	0.20	260880	ALS Chemex	SD20064213	08-Apr-20	20	-	-	1	43	-	2	1	3	2000	-	18	-	4	126	2	-	5	1

**FULL ANALYTICAL REPORT  
- Whole Rock -**

Hole Number: **LN25-20-004**

Project: **NORTH AMERICAN NICKEL**

Project Number: **1**

**Whole Rock (part 5 of 4)**

<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>V (ppm)</i>	<i>W (ppm)</i>	<i>Y (ppm)</i>	<i>Zn (ppm)</i>
64.30	64.55	0.25	260871	ALS Chemex	SD20064213	08-Apr-20	166	1	21	64
76.75	77.00	0.25	260872	ALS Chemex	SD20064213	08-Apr-20	154	1	20	89
134.70	134.85	0.15	260873	ALS Chemex	SD20064213	08-Apr-20	6	1	44	61
142.33	142.55	0.22	260874	ALS Chemex	SD20064213	08-Apr-20	3	1	45	45
150.00	150.20	0.20	260875	ALS Chemex	SD20064213	08-Apr-20	6	1	45	40
184.03	184.20	0.17	260876	ALS Chemex	SD20064213	08-Apr-20	116	1	19	120
202.55	202.75	0.20	260877	ALS Chemex	SD20064213	08-Apr-20	120	1	18	46
218.05	218.20	0.15	260878	ALS Chemex	SD20064213	08-Apr-20	159	1	16	43
226.50	226.77	0.27	260879	ALS Chemex	SD20064213	08-Apr-20	120	1	17	39
242.05	242.25	0.20	260880	ALS Chemex	SD20064213	08-Apr-20	133	1	20	50





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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

**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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**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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**CERTIFICATE OF ANALYSIS SD20047101**

Sample Description	Method	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	ME-ICP81
	Analyte Units LOD	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  
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 Finalized Date: 17-MAR-2020  
 Account: NRAMNI

Project: LN\_EC Batch 20-001

CERTIFICATE OF ANALYSIS SD20047101
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Sample Description	Method Analyte Units LOD	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 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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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	



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**CERTIFICATE SD20059080**

Project: LN\_EC Batch 20-002

This report is for 153 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 12-MAR-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-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
SPL-34X	Pulp Split - For send out
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP81	ICP Fusion - Ore Grade	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 20-002

**CERTIFICATE OF ANALYSIS SD20059080**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr2O3 %	ME-ICP81 Cu %	ME-ICP81 Fe2O3 %	ME-ICP81 K2O %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %	ME-ICP81 SiO2 %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.1	0.01	0.01	0.01	0.002	0.01	0.01
D15072		2.52	14.25	<0.01	11.45	0.004	0.02	0.006	12.35	0.2	4.59	0.19	0.008	<0.01	0.15	47.9
D15073		1.74	14.00	0.01	11.85	0.004	0.01	0.004	11.15	0.3	3.48	0.22	0.009	<0.01	0.26	47.3
D15074		3.43	12.45	0.01	5.34	<0.002	<0.01	0.005	15.80	1.0	3.24	0.25	<0.002	<0.01	2.24	53.5
D15074-SP		<0.02	12.60	<0.01	5.47	0.002	<0.01	0.005	15.80	1.1	3.28	0.25	<0.002	<0.01	2.20	54.3
D15075		0.08	2.86	0.01	0.15	<0.002	0.02	0.003	1.42	0.5	0.11	0.01	<0.002	<0.01	0.03	92.8
D15076		2.55	13.55	0.01	5.51	<0.002	0.01	0.004	10.30	1.0	2.83	0.17	<0.002	<0.01	0.71	54.5
D15077		2.19	13.05	0.01	7.30	0.002	0.03	0.002	11.40	0.8	5.87	0.20	0.011	<0.01	0.27	52.6
D15077-PD		<0.02														
D15078		2.58	14.85	0.01	6.74	0.002	0.01	0.004	9.43	0.5	2.94	0.12	<0.002	<0.01	0.32	59.3
D15079		1.52	14.70	<0.01	5.81	<0.002	0.01	0.008	10.50	1.2	3.39	0.11	0.004	<0.01	1.17	58.0
D15080		3.68	14.55	0.01	6.06	0.002	0.01	0.005	8.41	1.1	3.46	0.12	0.007	<0.01	0.29	57.3
D15081		2.92	15.40	0.01	6.52	<0.002	0.01	0.005	8.87	1.2	3.74	0.11	0.005	<0.01	0.21	57.1
D15082		2.43	14.85	0.01	6.55	<0.002	<0.01	0.004	8.33	1.1	3.56	0.11	0.002	<0.01	0.11	56.5
D15083		2.47	14.35	0.01	5.88	0.003	0.01	0.008	9.85	0.6	3.71	0.13	0.006	<0.01	0.66	57.3
D15083-SP		<0.02	14.40	0.01	5.75	<0.002	<0.01	0.007	10.00	0.6	3.73	0.13	0.004	<0.01	0.65	57.8
D15084		2.29	14.65	0.01	6.51	0.002	<0.01	0.004	7.77	1.4	3.32	0.11	<0.002	<0.01	0.13	56.0
D15085		2.40	15.40	0.01	5.81	0.002	<0.01	0.003	8.83	1.3	3.82	0.12	<0.002	<0.01	0.19	56.9
D15086		2.38	15.20	<0.01	6.49	0.004	<0.01	0.004	9.73	0.7	3.79	0.13	0.003	<0.01	0.44	56.5
D15087		2.34	14.40	0.01	6.21	<0.002	<0.01	0.005	9.72	0.6	3.47	0.13	<0.002	<0.01	0.62	57.8
D15088		2.32	14.10	<0.01	8.31	0.004	0.01	0.009	9.14	0.7	3.02	0.13	0.002	<0.01	0.53	56.3
D15089		2.55	14.90	0.01	5.88	0.003	0.01	0.005	8.59	0.9	3.53	0.13	<0.002	<0.01	0.24	58.2
D15090		0.07	12.00	0.01	7.67	0.019	0.05	0.341	15.60	0.8	7.08	0.16	0.312	<0.01	1.73	47.9
D15091		2.42	15.05	0.01	6.44	0.003	0.01	0.004	9.12	0.5	3.69	0.14	0.002	<0.01	0.29	58.8
D15092		2.39	14.85	0.01	7.67	0.002	0.01	0.004	7.11	0.5	2.96	0.10	0.003	<0.01	0.12	60.3
D15093		2.27	15.25	0.01	6.25	0.004	0.01	0.005	8.67	0.6	3.76	0.12	0.003	<0.01	0.10	57.8
D15094		2.50	15.15	0.01	6.32	<0.002	0.01	0.006	8.44	1.0	3.76	0.13	0.005	<0.01	0.11	57.1
D15095		0.08	2.97	<0.01	0.07	<0.002	0.01	0.002	1.37	0.6	0.11	0.01	0.003	<0.01	0.03	96.7
D15096		2.30	14.25	<0.01	6.84	0.002	<0.01	0.015	10.35	0.7	3.73	0.14	0.004	<0.01	0.73	56.9
D15096-PD		<0.02														
D15097		2.41	14.95	<0.01	5.98	0.002	<0.01	0.004	8.96	0.9	3.60	0.13	0.004	<0.01	0.23	59.7
D15098		2.21	15.10	<0.01	6.07	<0.002	0.01	0.003	8.32	1.0	3.54	0.13	0.005	<0.01	0.06	59.5
D15099		2.45	15.25	<0.01	6.51	0.002	0.01	0.006	9.33	1.2	3.78	0.13	0.004	<0.01	0.27	56.7
D15100		2.38	14.95	<0.01	6.07	0.003	<0.01	0.003	8.64	1.0	3.60	0.13	0.004	<0.01	0.09	58.6
D15101		2.43	14.80	<0.01	5.19	0.002	<0.01	0.003	8.79	1.0	3.75	0.13	0.004	<0.01	0.16	59.9
D15102		2.38	15.80	<0.01	5.96	0.002	0.01	0.008	10.05	0.9	4.02	0.14	0.006	<0.01	0.33	55.8
D15103		2.24	15.25	<0.01	4.93	<0.002	<0.01	0.002	8.73	0.8	3.96	0.14	0.004	<0.01	0.11	58.8
D15104		2.33	14.80	<0.01	6.82	<0.002	0.01	0.006	9.81	0.7	3.65	0.14	0.006	<0.01	0.39	58.8
D15104-SP		<0.02	14.50	<0.01	6.64	<0.002	<0.01	0.005	9.75	0.7	3.56	0.14	0.003	<0.01	0.39	58.0
D15105		2.57	15.10	<0.01	6.16	0.002	0.01	0.006	9.16	1.0	3.56	0.12	0.003	<0.01	0.33	58.0
D15106		2.28	15.15	<0.01	5.39	<0.002	<0.01	0.005	8.07	0.9	3.75	0.11	0.004	<0.01	0.07	59.7





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Project: LN\_EC Batch 20-002

**CERTIFICATE OF ANALYSIS SD20059080**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC
		TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass2mm %	Pass75um %
D15072		1.16	0.008	<0.001	<0.005	<0.001	79.2	87.9
D15073		1.09	0.008	<0.001	<0.005	<0.001		94.3
D15074		0.82	0.009	<0.001	<0.005	<0.001		
D15074-SP		0.84	0.009	<0.001	<0.005	<0.001		
D15075		0.09	<0.002	<0.001	<0.005	0.001		
D15076		1.00	0.007	<0.001	<0.005	<0.001		
D15077		0.99	0.009	<0.001	<0.005	0.001		
D15077-PD								
D15078		1.06	0.008	<0.001	<0.005	<0.001		
D15079		0.89	0.007	<0.001	<0.005	<0.001		
D15080		0.90	0.007	<0.001	<0.005	<0.001		
D15081		0.95	0.007	<0.001	<0.005	<0.001		
D15082		0.91	0.007	<0.001	<0.005	<0.001		
D15083		0.88	0.008	<0.001	<0.005	<0.001		
D15083-SP		0.88	0.009	<0.001	<0.005	<0.001		
D15084		0.89	0.007	<0.001	<0.005	<0.001		
D15085		0.96	0.008	<0.001	<0.005	<0.001		
D15086		0.96	0.008	<0.001	<0.005	<0.001		
D15087		0.86	0.008	<0.001	<0.005	<0.001		
D15088		0.82	0.006	<0.001	<0.005	<0.001		
D15089		0.93	0.008	<0.001	<0.005	<0.001		
D15090		0.71	0.009	0.172	0.318	0.364		
D15091		0.93	0.009	<0.001	<0.005	<0.001		
D15092		0.90	0.006	<0.001	<0.005	<0.001		
D15093		0.93	0.008	<0.001	<0.005	0.001		
D15094		0.93	0.008	<0.001	<0.005	<0.001		
D15095		0.09	<0.002	<0.001	<0.005	0.001		
D15096		0.87	0.008	<0.001	<0.005	<0.001		
D15096-PD								
D15097		0.90	0.008	<0.001	<0.005	<0.001		
D15098		0.92	0.007	<0.001	<0.005	<0.001		
D15099		0.95	0.008	<0.001	<0.005	<0.001		
D15100		0.91	0.007	<0.001	<0.005	<0.001		
D15101		0.92	0.008	<0.001	<0.005	<0.001		
D15102		1.01	0.008	<0.001	<0.005	<0.001		
D15103		0.94	0.008	<0.001	<0.005	<0.001		
D15104		0.91	0.008	<0.001	<0.005	<0.001		
D15104-SP		0.89	0.008	<0.001	<0.005	<0.001		
D15105		0.92	0.008	<0.001	<0.005	<0.001		
D15106		0.92	0.007	<0.001	<0.005	<0.001	73.3	94.0



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CERTIFICATE OF ANALYSIS SD20059080
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr2O3 %	ME-ICP81 Cu %	ME-ICP81 Fe2O3 %	ME-ICP81 K2O %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %	ME-ICP81 SiO2 %
D15107		2.28	14.90	<0.01	5.78	0.003	<0.01	0.007	9.28	0.8	3.70	0.11	0.005	<0.01	0.45	58.4
D15108		2.04	15.30	<0.01	5.21	<0.002	0.01	0.011	10.65	0.8	3.88	0.12	0.005	<0.01	0.95	56.0
D15108-PD		<0.02														
D15109		2.41	15.25	<0.01	7.29	0.002	0.01	0.004	9.77	0.5	4.09	0.14	0.006	<0.01	0.18	59.3
D15110		0.08	12.75	0.01	7.69	0.020	0.05	0.361	16.35	0.9	7.38	0.17	0.321	<0.01	1.81	50.9
D15111		2.27	13.85	<0.01	7.25	<0.002	<0.01	0.005	8.18	1.0	3.57	0.13	0.003	<0.01	0.20	55.2
D15112		2.28	16.10	<0.01	4.89	0.002	<0.01	0.006	9.69	0.4	4.23	0.13	0.007	<0.01	0.11	61.0
D15113		2.33	15.05	<0.01	6.59	0.002	<0.01	0.004	9.08	0.1	3.69	0.13	0.006	<0.01	0.47	57.1
D15114		2.32	14.35	<0.01	5.82	0.002	0.01	0.006	10.30	0.1	3.81	0.13	0.006	<0.01	0.83	55.6
D15115		0.08	2.93	<0.01	0.05	<0.002	0.01	0.002	1.39	0.5	0.10	0.01	0.004	<0.01	0.01	95.0
D15116		2.41	15.10	<0.01	6.63	<0.002	0.01	0.004	10.25	<0.1	3.80	0.13	0.006	<0.01	0.65	58.4
D15117		2.19	14.95	<0.01	4.34	0.002	0.01	0.003	9.75	<0.1	4.31	0.14	0.007	<0.01	0.42	56.0
D15118		2.47	15.55	<0.01	6.28	0.002	0.01	0.005	11.25	<0.1	4.16	0.14	0.005	<0.01	0.80	59.5
D15119		2.29	14.60	<0.01	5.15	0.003	0.01	0.011	10.50	<0.1	4.13	0.13	0.005	<0.01	0.69	55.0
D15119-PD		<0.02														
D15120		2.26	14.25	<0.01	5.11	<0.002	0.01	0.005	8.07	<0.1	3.25	0.11	0.003	<0.01	0.29	61.2
D15121		2.02	12.40	<0.01	5.76	<0.002	0.01	<0.002	4.35	2.6	1.20	0.08	0.003	<0.01	0.11	67.4
D15122		2.29	15.75	<0.01	10.60	0.003	0.02	0.007	7.50	3.1	1.77	0.13	0.013	<0.01	0.51	50.5
D15123		2.26	15.75	<0.01	10.35	0.002	0.02	0.011	7.33	3.2	1.64	0.11	0.013	<0.01	0.83	49.6
D15124		2.21	16.20	<0.01	9.38	0.004	0.02	0.006	7.31	3.2	2.18	0.11	0.015	<0.01	0.50	50.3
D15125		2.09	14.95	0.01	10.35	0.003	0.02	0.010	8.92	2.5	3.00	0.13	0.009	<0.01	0.51	47.5
D15126		2.17	16.95	<0.01	8.94	0.004	0.02	0.010	7.79	3.1	3.43	0.13	0.014	<0.01	0.17	45.8
D15127		2.25	15.95	<0.01	9.84	0.004	0.02	0.009	7.67	2.8	3.33	0.13	0.010	<0.01	0.25	46.4
D15128		2.44	17.35	<0.01	7.93	0.003	0.02	0.008	7.50	0.9	2.87	0.11	0.013	<0.01	0.42	49.0
D15129		2.45	17.95	<0.01	6.84	0.004	0.02	0.008	7.55	0.1	3.13	0.10	0.013	<0.01	0.33	52.2
D15130		0.07	11.30	0.02	7.05	0.018	0.04	0.322	14.55	0.8	6.63	0.15	0.293	<0.01	1.61	44.7
D15131		2.22	17.00	<0.01	8.12	0.006	0.02	0.007	9.20	0.1	4.28	0.13	0.014	<0.01	0.28	48.6
D15131-SP		<0.02	16.90	<0.01	8.14	0.005	0.02	0.006	9.27	<0.1	4.32	0.13	0.012	<0.01	0.27	48.6
D15132		2.19	16.95	0.01	8.00	0.003	0.02	0.006	7.03	0.1	3.20	0.09	0.013	<0.01	0.27	50.9
D15133		2.38	17.50	<0.01	6.93	0.003	0.02	0.008	8.23	0.1	3.80	0.11	0.013	<0.01	0.46	51.1
D15134		2.24	16.60	<0.01	7.43	0.003	0.02	0.008	7.23	0.1	3.34	0.10	0.015	<0.01	0.40	48.8
D15135		0.07	2.72	0.01	0.11	<0.002	0.01	0.002	1.31	0.5	0.10	0.01	<0.002	<0.01	0.02	88.8
D15136		2.66	17.25	0.01	11.10	0.006	0.02	0.005	6.90	0.1	2.93	0.10	0.014	<0.01	0.14	50.9
D15137		2.25	16.65	0.01	9.79	0.005	0.02	0.007	7.38	0.1	3.62	0.11	0.014	<0.01	0.27	47.9
D15138		2.51	17.05	0.01	6.66	0.005	0.02	0.007	8.12	0.1	4.25	0.11	0.013	<0.01	0.27	48.6
D15139		2.43	17.30	0.01	8.80	0.005	0.03	0.008	7.96	0.2	3.87	0.11	0.015	<0.01	0.27	49.2
D15140		2.48	17.20	0.01	8.80	0.005	0.02	0.006	7.65	0.2	3.72	0.11	0.013	<0.01	0.23	47.7
D15141		2.32	16.15	0.01	8.00	0.005	0.02	0.009	8.02	0.7	4.27	0.11	0.016	<0.01	0.41	46.0
D15142		2.38	16.80	0.01	8.81	0.003	0.02	0.006	7.66	0.2	3.78	0.11	0.015	<0.01	0.22	51.3
D15143		2.41	17.35	<0.01	9.82	0.006	0.02	0.008	7.70	0.2	3.23	0.11	0.014	<0.01	0.27	51.1



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**CERTIFICATE OF ANALYSIS SD20059080**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC
		TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass2mm %	Pass75um %
D15107		0.90	0.007	<0.001	<0.005	<0.001		
D15108		0.94	0.007	<0.001	<0.005	<0.001		
D15108-PD								
D15109		0.97	0.007	<0.001	<0.005	<0.001		
D15110		0.76	0.009	0.174	0.313	0.368		
D15111		0.83	0.008	<0.001	<0.005	<0.001		
D15112		0.98	0.009	<0.001	<0.005	<0.001		
D15113		0.88	0.013	<0.001	<0.005	<0.001		
D15114		0.87	0.009	<0.001	<0.005	<0.001		
D15115		0.09	<0.002	<0.001	<0.005	0.001		
D15116		0.92	0.007	<0.001	<0.005	<0.001		
D15117		0.90	0.008	<0.001	<0.005	<0.001		
D15118		0.95	0.008	<0.001	<0.005	<0.001		
D15119		0.90	0.008	<0.001	<0.005	<0.001		
D15119-PD								
D15120		0.83	0.006	<0.001	<0.005	<0.001		
D15121		0.41	0.005	<0.001	<0.005	<0.001		
D15122		0.97	0.009	<0.001	<0.005	<0.001		
D15123		1.02	0.007	0.001	<0.005	<0.001		
D15124		1.08	0.009	<0.001	<0.005	<0.001		
D15125		1.01	0.012	<0.001	<0.005	<0.001		
D15126		1.15	0.012	<0.001	<0.005	<0.001		
D15127		1.11	0.010	<0.001	<0.005	<0.001		
D15128		1.12	0.009	<0.001	<0.005	<0.001		
D15129		1.19	0.010	<0.001	<0.005	<0.001		
D15130		0.67	0.013	0.174	0.306	0.364		
D15131		1.07	0.014	<0.001	<0.005	0.001		
D15131-SP		1.06	0.013	<0.001	<0.005	<0.001		
D15132		1.12	0.008	<0.001	<0.005	0.001		
D15133		1.20	0.011	<0.001	<0.005	<0.001		
D15134		1.11	0.009	<0.001	<0.005	<0.001		
D15135		0.08	<0.002	<0.001	<0.005	0.001		
D15136		1.15	0.008	<0.001	<0.005	0.002	71.7	
D15137		1.14	0.009	<0.001	<0.005	0.001		
D15138		1.14	0.011	<0.001	<0.005	0.001		
D15139		1.20	0.010	<0.001	<0.005	0.001		
D15140		1.16	0.009	<0.001	<0.005	0.001		
D15141		1.12	0.011	<0.001	<0.005	<0.001		
D15142		1.15	0.008	<0.001	<0.005	0.001		94.8
D15143		1.17	0.009	<0.001	<0.005	<0.001	71.6	94.1



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**CERTIFICATE OF ANALYSIS SD20059080**

Sample Description	Method	WEI-21	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
	Analyte	Recvd Wt.	Al2O3	As	CaO	Co	Cr2O3	Cu	Fe2O3	K2O	MgO	MnO	Ni	Pb	S	SiO2
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOD	0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2
D15144		2.35	17.20	0.01	11.75	0.005	0.03	0.013	8.82	0.2	3.15	0.12	0.015	<0.01	0.61	48.3
D15145		2.29	18.10	<0.01	8.09	0.006	0.02	0.007	8.17	0.5	4.47	0.10	0.016	<0.01	0.13	50.7
D15146		2.31	16.25	0.01	10.65	0.004	0.02	0.011	8.13	0.4	4.48	0.11	0.015	<0.01	0.16	47.9
D15147		2.40	16.10	<0.01	11.95	0.003	0.02	0.006	7.24	0.2	2.39	0.11	0.013	<0.01	0.20	50.5
D15148		2.39	15.85	0.01	11.50	0.006	0.02	0.007	7.79	0.1	2.88	0.16	0.015	<0.01	0.23	49.6
D15149		2.63	16.05	0.01	10.00	0.003	0.02	0.007	8.24	0.2	3.34	0.17	0.013	<0.01	0.20	49.4
D15150		0.08	9.93	0.01	5.53	0.034	0.04	0.865	24.9	0.7	5.54	0.14	1.165	<0.01	6.65	39.6
D15151		1.98	17.15	<0.01	8.05	0.006	0.02	0.008	9.44	0.2	3.58	0.18	0.016	<0.01	0.36	47.3
D15152		2.43	16.25	0.01	13.90	0.005	0.02	0.007	8.07	0.1	2.33	0.17	0.014	<0.01	0.15	48.8
D15153		2.34	15.90	0.01	11.05	0.004	0.02	0.006	9.68	0.1	4.01	0.16	0.017	<0.01	0.34	47.3
D15153-SP		<0.02	16.10	<0.01	11.30	0.004	0.02	0.006	9.83	0.1	4.02	0.16	0.015	<0.01	0.35	47.7
D15154		1.24	14.75	<0.01	9.74	0.004	0.02	0.006	8.63	0.1	3.93	0.15	0.012	<0.01	0.04	47.7
D15155		0.71	14.25	0.01	1.20	<0.002	0.01	<0.002	0.81	4.8	0.11	0.01	<0.002	<0.01	0.01	71.4
D15156		2.34	13.75	0.01	10.55	0.004	0.02	0.019	7.04	3.3	3.07	0.12	0.010	<0.01	0.30	45.4
D15157		3.55	16.30	<0.01	8.80	0.006	0.02	0.008	8.59	1.2	3.14	0.15	0.013	<0.01	0.23	47.5
D15158		1.25	16.25	<0.01	8.34	0.005	0.02	0.009	9.30	1.1	3.32	0.16	0.013	<0.01	0.63	48.1
D15159		2.22	16.05	0.01	8.98	0.004	0.02	0.008	10.60	0.4	4.51	0.18	0.013	<0.01	0.06	47.1
D15160		2.24	15.20	<0.01	8.90	0.004	0.02	0.008	10.45	0.5	4.07	0.19	0.012	<0.01	0.16	45.4
D15161		2.36	16.65	0.01	8.63	0.006	0.02	0.008	9.53	1.2	3.40	0.19	0.013	<0.01	0.30	49.8
D15162		2.52	16.50	<0.01	7.56	0.003	0.02	0.006	11.75	1.0	4.00	0.21	0.013	<0.01	1.02	48.3
D15163		2.31	14.05	<0.01	6.25	0.003	0.01	0.002	9.22	0.6	3.81	0.19	0.006	<0.01	0.71	54.3
D15164		2.50	14.75	0.01	6.60	0.002	0.01	0.004	11.40	0.6	3.86	0.18	0.007	<0.01	1.68	55.4
D15164-SP		<0.02	15.10	<0.01	6.90	0.002	0.01	0.006	11.50	0.6	3.97	0.18	0.008	<0.01	1.69	56.7
D15165		2.31	15.60	<0.01	6.73	0.002	0.01	0.003	8.75	0.8	4.09	0.17	0.005	<0.01	0.30	58.8
D15166		2.14	15.00	<0.01	7.42	0.003	0.01	0.005	9.72	0.7	3.86	0.16	0.005	0.01	0.96	57.1
D15167		2.26	15.15	<0.01	7.01	0.003	0.01	0.004	11.05	0.8	4.08	0.16	0.007	<0.01	1.66	56.0
D15167-PD		<0.02														
D15168		2.09	15.10	<0.01	5.81	0.002	0.01	0.003	9.32	0.9	3.97	0.16	0.004	<0.01	1.05	57.5
D15168-SP		<0.02	15.00	0.01	5.75	0.003	0.01	0.004	9.15	0.9	3.92	0.16	0.007	<0.01	1.00	56.9
D15169		2.21	15.15	0.01	5.83	<0.002	0.01	0.005	10.05	1.2	4.56	0.18	0.006	<0.01	1.22	56.9
D15170		0.08	9.92	0.01	5.44	0.032	0.04	0.883	24.8	0.7	5.52	0.14	1.150	<0.01	6.51	40.9
D15171		2.26	12.50	0.01	9.71	0.004	0.01	0.014	15.00	0.8	3.25	0.21	0.006	0.01	3.54	44.9
D15171-PD		<0.02														
D15172		2.28	14.20	<0.01	8.30	<0.002	0.01	0.010	12.40	0.8	4.22	0.21	0.005	<0.01	2.06	52.0
D15173		2.07	14.20	0.01	6.03	0.003	0.01	0.003	10.45	0.7	3.76	0.16	0.005	<0.01	1.40	56.9
D15174		2.26	14.30	0.01	5.61	0.002	0.01	0.002	6.79	0.6	3.40	0.12	0.006	<0.01	0.14	56.3
D15175		0.08	2.84	<0.01	0.07	<0.002	0.01	0.003	1.38	0.5	0.10	0.01	<0.002	<0.01	0.02	95.8
D15176		2.22	14.40	0.01	8.17	0.003	0.01	0.002	7.83	0.7	3.77	0.15	0.005	0.01	0.30	58.4
D15177		2.34	15.50	0.01	6.07	0.002	0.01	0.003	8.78	0.9	4.00	0.16	0.007	<0.01	0.55	58.8
D15178		2.38	15.45	0.01	5.82	<0.002	0.01	0.003	9.17	0.9	4.33	0.16	0.007	<0.01	0.67	59.7



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**CERTIFICATE OF ANALYSIS SD20059080**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC
		TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass2mm %	Pass75um %
		0.01	0.002	0.001	0.005	0.001	0.01	0.01
D15144		1.16	0.010	<0.001	<0.005	<0.001		
D15145		1.23	0.009	<0.001	<0.005	<0.001		
D15146		1.12	0.011	<0.001	<0.005	0.001		
D15147		1.10	0.007	<0.001	<0.005	0.001		
D15148		1.06	0.007	<0.001	<0.005	<0.001		
D15149		1.07	0.010	0.085	<0.005	<0.001		
D15150		0.59	0.013	0.179	0.518	0.584		
D15151		1.16	0.010	<0.001	<0.005	0.001		
D15152		1.12	0.007	<0.001	<0.005	<0.001		
D15153		1.03	0.007	<0.001	<0.005	<0.001		
D15153-SP		1.03	0.008	<0.001	<0.005	<0.001		
D15154		0.97	0.007	<0.001	<0.005	<0.001		
D15155		0.03	<0.002	<0.001	<0.005	<0.001		
D15156		0.92	0.009	<0.001	<0.005	<0.001		
D15157		1.10	0.010	<0.001	<0.005	<0.001		
D15158		1.10	0.011	<0.001	<0.005	<0.001		
D15159		1.17	0.010	<0.001	<0.005	<0.001		
D15160		1.10	0.010	<0.001	<0.005	<0.001		
D15161		1.10	0.008	<0.001	<0.005	<0.001		
D15162		1.06	0.009	<0.001	<0.005	<0.001		
D15163		0.61	0.006	<0.001	<0.005	<0.001		
D15164		0.65	0.006	<0.001	<0.005	<0.001		
D15164-SP		0.67	0.006	<0.001	<0.005	<0.001		
D15165		0.70	0.007	<0.001	<0.005	<0.001		
D15166		0.65	0.006	<0.001	<0.005	0.001		
D15167		0.68	0.007	0.002	<0.005	<0.001		
D15167-PD								
D15168		0.65	0.006	<0.001	<0.005	<0.001		
D15168-SP		0.64	0.006	<0.001	<0.005	<0.001		
D15169		0.65	0.006	<0.001	<0.005	<0.001		
D15170		0.60	0.014	0.180	0.547	0.601		
D15171		0.59	0.005	0.003	<0.005	<0.001		
D15171-PD								
D15172		0.63	0.006	<0.001	<0.005	<0.001		
D15173		0.61	0.006	<0.001	<0.005	<0.001		
D15174		0.62	0.006	<0.001	<0.005	<0.001		
D15175		0.09	<0.002	<0.001	<0.005	0.001		
D15176		0.62	0.006	<0.001	<0.005	0.001		
D15177		0.68	0.006	<0.001	<0.005	<0.001		89.0
D15178		0.67	0.007	<0.001	<0.005	<0.001	70.3	96.9



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**CERTIFICATE OF ANALYSIS SD20059080**

Sample Description	Method	WEI-21	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
	Analyte	Recvd Wt.	Al2O3	As	CaO	Co	Cr2O3	Cu	Fe2O3	K2O	MgO	MnO	Ni	Pb	S	SiO2
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOD	0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2
D15179		2.04	15.50	0.01	6.18	<0.002	0.01	0.002	8.10	0.8	3.94	0.16	0.004	<0.01	0.15	58.8
D15180		2.37	15.65	<0.01	6.32	0.003	0.01	0.005	7.78	0.6	3.70	0.13	0.006	<0.01	0.05	59.5
D15181		2.30	15.20	<0.01	6.02	<0.002	0.01	0.004	6.91	0.5	3.33	0.10	0.005	<0.01	0.14	58.2
D15182		2.53	15.90	0.01	5.30	<0.002	0.01	0.004	8.94	1.4	4.61	0.13	0.004	<0.01	0.33	58.4
D15183		2.29	15.00	<0.01	6.77	<0.002	0.01	0.002	6.94	0.2	3.23	0.10	0.005	<0.01	0.12	59.3
D15184		2.45	15.05	<0.01	6.10	0.002	0.01	0.007	10.55	0.8	4.25	0.15	0.005	<0.01	1.02	54.8
D15184-PD		<0.02														
D15185		2.26	15.85	0.01	6.32	<0.002	0.01	0.004	7.46	0.6	3.57	0.11	0.009	<0.01	0.07	59.3
D15186		2.49	15.40	<0.01	6.63	0.003	0.01	0.003	8.09	0.7	3.62	0.13	0.006	<0.01	0.34	58.2
D15187		2.45	14.80	<0.01	5.51	0.002	0.01	0.003	8.29	1.0	3.81	0.14	0.005	<0.01	0.43	57.1
D15188		2.34	14.85	<0.01	4.87	<0.002	0.01	0.003	7.39	0.7	3.57	0.14	0.006	<0.01	0.13	58.8
D15189		2.18	14.10	<0.01	6.03	0.002	0.01	0.005	9.27	0.7	4.03	0.18	0.006	<0.01	0.46	56.0
D15190		0.08	12.00	0.01	7.11	0.018	0.05	0.352	15.40	0.8	6.97	0.15	0.310	<0.01	1.67	48.8
D15191		2.42	14.40	<0.01	7.22	0.003	0.01	0.012	11.35	0.6	4.08	0.18	0.005	<0.01	1.22	52.8
D15192		2.35	15.55	0.01	7.09	<0.002	0.01	0.004	7.54	0.8	3.56	0.13	0.005	<0.01	0.13	60.8
D15193		2.54	15.85	<0.01	6.23	<0.002	0.01	0.004	8.79	0.8	3.96	0.16	0.005	<0.01	0.25	55.4
D15194		2.29	15.90	0.01	5.99	0.002	0.01	<0.002	8.43	0.8	4.21	0.16	0.006	<0.01	0.02	55.0
D15195		0.84	0.20	0.01	45.1	<0.002	0.01	<0.002	0.30	<0.1	3.80	0.01	<0.002	<0.01	0.01	12.2
D15196		2.48	14.45	<0.01	7.11	<0.002	0.01	0.005	11.40	0.6	4.58	0.23	0.005	<0.01	0.33	53.1
D15197		2.37	14.65	<0.01	6.37	0.002	0.01	0.004	9.60	0.5	4.04	0.18	0.005	<0.01	0.27	56.5
D15198		2.39	16.05	<0.01	6.73	0.002	0.01	0.005	8.28	0.4	3.81	0.14	0.004	<0.01	0.05	59.7
D15199		2.44	16.20	<0.01	6.62	<0.002	0.01	0.004	7.44	0.6	3.72	0.11	0.006	<0.01	0.01	61.4
D15200		2.48	15.70	<0.01	6.56	0.003	0.01	0.005	7.51	1.0	3.81	0.12	0.006	<0.01	0.06	59.3
D15201		2.56	14.80	<0.01	5.80	0.002	0.01	0.023	10.45	0.9	3.77	0.16	0.008	<0.01	1.12	58.2
D15202		2.45	15.65	<0.01	6.03	<0.002	0.01	0.002	8.53	0.8	3.63	0.17	0.007	<0.01	0.11	59.9
D15203		2.34	15.75	<0.01	6.04	0.002	0.01	0.006	8.43	0.8	3.70	0.17	0.008	<0.01	0.21	61.0
D15204		2.41	15.70	<0.01	5.62	<0.002	0.01	<0.002	8.16	0.9	3.68	0.17	0.008	<0.01	0.07	59.9
D15205		2.29	15.90	<0.01	6.18	0.003	0.01	0.002	7.62	1.0	3.62	0.15	0.009	<0.01	0.01	60.8
D15206		2.37	15.60	<0.01	6.87	<0.002	0.01	0.002	7.33	0.7	3.53	0.14	0.005	<0.01	0.02	59.9
D15207		2.41	15.50	<0.01	6.92	<0.002	0.01	0.002	8.48	1.0	3.74	0.17	0.007	<0.01	0.04	58.8
D15208		2.53	16.25	<0.01	7.19	0.002	0.01	0.006	10.05	0.8	4.13	0.18	0.007	<0.01	0.32	56.9
D15209		2.23	16.00	0.01	6.10	<0.002	0.01	0.004	5.70	0.7	3.02	0.09	0.007	<0.01	0.01	62.9
D15210		0.08	12.10	0.02	7.53	0.020	0.05	0.333	15.70	0.8	7.11	0.16	0.305	<0.01	1.73	46.8



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CERTIFICATE OF ANALYSIS SD20059080
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Sample Description	Method Analyte Units LOD	ME-ICP81 TiO2 %	ME-ICP81 Zn %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	CRU-QC Pass2mm %	PUL-QC Pass75um %
D15179		0.67	0.007	<0.001	<0.005	0.001		
D15180		0.67	0.006	<0.001	<0.005	0.001		
D15181		0.65	0.006	<0.001	<0.005	0.001		
D15182		0.67	0.008	<0.001	<0.005	0.001		
D15183		0.63	0.005	<0.001	<0.005	<0.001		
D15184		0.65	0.007	<0.001	<0.005	0.001		
D15184-PD								
D15185		0.68	0.006	<0.001	<0.005	<0.001		
D15186		0.66	0.006	0.001	<0.005	0.001		
D15187		0.64	0.009	0.001	<0.005	0.001		
D15188		0.63	0.007	<0.001	<0.005	<0.001		
D15189		0.58	0.007	<0.001	<0.005	<0.001		
D15190		0.72	0.009	0.172	0.341	0.366		
D15191		0.60	0.007	0.001	<0.005	0.001		
D15192		0.67	0.006	<0.001	<0.005	0.001		
D15193		0.67	0.007	0.001	<0.005	<0.001		
D15194		0.67	0.007	<0.001	<0.005	<0.001		
D15195		0.02	<0.002	<0.001	<0.005	0.001		
D15196		0.62	0.008	0.002	<0.005	0.001		
D15197		0.63	0.007	<0.001	<0.005	0.001		
D15198		0.69	0.007	<0.001	<0.005	0.001		
D15199		0.69	0.006	<0.001	<0.005	0.001		
D15200		0.68	0.005	<0.001	<0.005	0.001		
D15201		0.64	0.008	0.003	<0.005	0.002		
D15202		0.67	0.007	0.001	<0.005	0.002		
D15203		0.66	0.007	0.001	<0.005	0.001		
D15204		0.67	0.007	<0.001	<0.005	0.001		
D15205		0.68	0.006	0.002	<0.005	0.001		
D15206		0.66	0.006	<0.001	<0.005	0.001		
D15207		0.65	0.006	<0.001	<0.005	0.001		
D15208		0.70	0.008	<0.001	<0.005	0.001		
D15209		0.68	0.004	<0.001	<0.005	0.001		
D15210		0.72	0.008	0.173	0.320	0.362		



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**CERTIFICATE OF ANALYSIS SD20059080**

**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
	LOG-24	PUL-31	PUL-31d
	SPL-21	SPL-21d	SPL-34X
			LOG-22
			PUL-QC
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP81	PGM-ICP23	





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**CERTIFICATE SD20064203**

Project: LN\_EC Batch 20-003

This report is for 143 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 18-MAR-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
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
LOG-22d	Sample login - Rcd w/o BarCode dup
PUL-31d	Pulverize Split - duplicate
SPL-34X	Pulp Split - For send out
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61a	High Grade Four Acid ICP-AES	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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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.001	0.005	0.001	1	0.05	50	50	10	20	0.05	10	10	10	10
D15211		3.43	0.001	<0.005	0.001	1	5.23	<50	240	<10	<20	2.67	<10	40	20	160
D15212		3.59	0.003	<0.005	0.001	<1	5.02	<50	270	<10	<20	3.04	<10	40	20	310
D15213		3.32	<0.001	<0.005	<0.001	<1	5.48	<50	240	<10	<20	3.42	<10	40	20	110
D15214		3.55	0.001	<0.005	<0.001	<1	6.05	<50	270	<10	<20	2.97	<10	40	20	210
D15215		0.07	<0.001	<0.005	<0.001	<1	1.14	<50	<50	<10	<20	0.07	<10	<10	50	30
D15216		3.52	<0.001	<0.005	<0.001	<1	5.62	<50	260	<10	<20	3.10	<10	40	20	180
D15217		3.99	<0.001	<0.005	<0.001	<1	6.06	<50	230	<10	<20	3.05	<10	40	20	180
D15218		3.73	<0.001	<0.005	<0.001	<1	4.89	<50	190	<10	<20	3.58	<10	30	20	90
D15219		3.40	<0.001	<0.005	<0.001	<1	5.70	<50	210	<10	<20	3.35	<10	30	20	160
D15220		3.23	<0.001	<0.005	<0.001	<1	5.79	<50	200	<10	<20	2.97	<10	40	20	140
D15221		3.10	0.001	<0.005	<0.001	<1	5.37	<50	160	<10	<20	3.24	<10	40	20	210
D15222		3.38	<0.001	<0.005	<0.001	<1	6.45	<50	90	<10	<20	3.06	<10	30	20	60
D15223		3.66	0.018	<0.005	<0.001	<1	6.81	<50	70	<10	<20	5.25	<10	30	20	10
D15224		3.38	<0.001	<0.005	<0.001	<1	6.30	<50	60	<10	<20	3.05	<10	40	30	30
D15225		3.01	0.002	<0.005	<0.001	<1	6.17	<50	200	<10	<20	3.49	<10	50	20	430
D15226		2.57	0.001	<0.005	<0.001	<1	5.65	<50	240	<10	<20	3.36	<10	40	20	170
D15227		3.62	<0.001	<0.005	<0.001	<1	5.77	<50	290	<10	<20	3.11	<10	30	20	70
D15228		3.59	0.003	<0.005	<0.001	<1	6.16	<50	280	<10	<20	2.99	<10	40	20	370
D15229		3.66	<0.001	<0.005	<0.001	<1	5.46	<50	240	<10	<20	3.60	<10	30	20	90
D15230		0.07	0.177	0.321	0.354	2	6.18	80	200	<10	20	5.32	<10	190	250	3380
D15231		3.47	0.001	<0.005	<0.001	<1	6.02	<50	250	<10	<20	2.85	<10	40	20	180
D15232		3.45	<0.001	<0.005	<0.001	<1	6.79	<50	200	<10	<20	2.93	<10	40	20	120
D15233		3.48	<0.001	<0.005	<0.001	<1	6.08	<50	270	<10	<20	2.78	<10	40	20	80
D15234		3.46	<0.001	<0.005	<0.001	<1	5.48	<50	260	<10	<20	3.51	<10	30	20	70
D15235		0.84	<0.001	<0.005	<0.001	<1	3.64	<50	110	<10	<20	0.60	<10	<10	10	<10
D15236		2.50	<0.001	<0.005	<0.001	<1	6.22	<50	230	<10	<20	2.79	<10	40	20	90
D15237		2.39	<0.001	<0.005	<0.001	<1	6.26	<50	200	<10	<20	3.05	<10	40	20	100
D15238		2.61	0.002	<0.005	<0.001	<1	5.68	<50	460	<10	<20	3.42	<10	40	20	150
D15239		2.44	0.032	<0.005	<0.001	1	7.08	<50	300	<10	<20	2.94	<10	40	10	2350
D15240		1.84	0.009	<0.005	<0.001	<1	6.24	<50	170	<10	<20	2.90	<10	30	10	1270
D15240-SP		<0.02	0.010	<0.005	<0.001	<1	6.69	<50	170	<10	<20	2.99	<10	40	<10	1320
D15241		2.99	0.008	<0.005	<0.001	<1	5.97	80	190	<10	<20	2.75	<10	80	<10	1240
D15242		2.44	0.002	<0.005	<0.001	<1	6.70	<50	200	<10	<20	2.91	<10	60	10	400
D15243		2.31	<0.001	<0.005	<0.001	<1	5.86	<50	210	<10	<20	2.51	<10	50	<10	160
D15244		3.40	<0.001	<0.005	<0.001	<1	6.04	<50	200	<10	<20	2.40	<10	40	<10	190
D15245		3.50	0.001	<0.005	<0.001	<1	5.79	<50	280	<10	<20	2.29	<10	60	<10	310
D15245-PD		<0.02														
D15246		3.57	0.001	<0.005	<0.001	<1	6.31	<50	250	<10	<20	3.13	<10	40	10	330
D15247		3.98	0.001	<0.005	<0.001	<1	6.47	<50	320	<10	<20	2.77	<10	50	<10	340
D15248		3.26	0.002	<0.005	<0.001	<1	6.31	<50	320	<10	<20	2.29	<10	40	<10	480



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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	
		Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		0.05	50	0.1	50	0.05	10	10	0.05	10	50	20	0.05	50	10	10
D15211		6.42	<50	1.4	<50	2.00	880	<10	3.15	60	630	<20	<0.05	<50	10	100
D15212		6.10	<50	1.2	<50	1.87	890	<10	3.05	60	630	<20	<0.05	<50	10	120
D15213		5.87	<50	1.4	<50	1.82	870	<10	3.11	50	630	<20	<0.05	<50	10	120
D15214		6.04	<50	1.4	<50	1.96	880	<10	3.39	50	680	<20	<0.05	<50	10	110
D15215		0.90	<50	0.4	<50	0.06	90	10	0.34	20	80	<20	<0.05	<50	<10	10
D15216		6.01	<50	1.2	<50	1.96	910	<10	3.38	50	660	<20	<0.05	<50	10	110
D15217		6.07	<50	1.2	<50	2.02	880	<10	3.30	50	670	<20	<0.05	<50	20	110
D15218		5.76	<50	0.9	<50	1.77	840	<10	3.26	50	640	<20	<0.05	<50	10	120
D15219		6.24	<50	1.2	<50	2.06	880	<10	3.03	50	670	<20	<0.05	<50	10	110
D15220		6.40	<50	0.9	<50	2.33	920	<10	3.09	50	580	<20	<0.05	<50	10	90
D15221		5.82	<50	0.5	<50	1.92	840	<10	3.30	50	610	<20	<0.05	<50	10	100
D15222		6.06	<50	0.4	<50	2.16	860	<10	3.87	50	740	<20	<0.05	<50	20	120
D15223		5.99	<50	0.4	<50	2.37	970	<10	3.97	50	760	<20	<0.05	<50	10	130
D15224		6.39	<50	0.2	<50	2.29	950	<10	4.20	60	780	<20	<0.05	<50	10	150
D15225		5.73	<50	0.9	<50	1.98	850	<10	3.45	50	710	<20	0.07	<50	20	110
D15226		5.65	<50	0.9	<50	1.89	840	<10	3.51	40	640	<20	0.05	<50	10	110
D15227		6.19	<50	1.1	<50	2.31	910	<10	2.95	50	610	<20	<0.05	<50	10	90
D15228		6.08	<50	1.1	<50	2.26	870	<10	3.12	50	620	<20	0.05	<50	20	90
D15229		5.69	<50	0.8	<50	2.07	910	<10	3.24	40	620	<20	<0.05	<50	10	90
D15230		10.45	<50	0.6	<50	3.99	1200	10	1.25	2940	1060	<20	1.58	<50	30	310
D15231		5.68	<50	0.9	<50	2.00	840	<10	3.59	50	670	<20	<0.05	<50	10	90
D15232		6.21	<50	0.7	<50	2.26	860	<10	3.69	50	680	<20	<0.05	<50	20	90
D15233		5.68	<50	1.1	<50	1.97	860	<10	3.76	50	670	<20	<0.05	<50	10	70
D15234		4.88	<50	1.2	<50	1.72	830	<10	3.80	50	710	<20	<0.05	<50	10	60
D15235		0.38	<50	3.6	<50	<0.05	50	<10	3.05	<10	<50	40	<0.05	<50	<10	110
D15236		5.70	<50	0.9	<50	2.20	910	<10	3.66	50	670	<20	<0.05	<50	20	90
D15237		6.25	<50	0.9	<50	2.20	910	<10	3.28	60	640	<20	<0.05	<50	20	130
D15238		6.13	<50	1.1	<50	1.89	930	<10	2.30	50	690	<20	<0.05	<50	10	70
D15239		6.52	<50	0.8	<50	1.61	880	<10	2.67	30	1750	<20	0.33	<50	20	70
D15240		6.08	<50	0.8	<50	0.97	850	<10	3.17	<10	2070	<20	0.18	<50	20	50
D15240-SP		6.29	<50	0.8	<50	1.03	880	<10	3.30	10	2130	<20	0.19	<50	20	60
D15241		6.98	<50	0.9	<50	0.91	900	<10	3.30	10	2100	20	0.21	<50	20	50
D15242		8.46	<50	0.8	<50	1.08	1020	<10	3.06	<10	2100	<20	0.25	<50	20	60
D15243		7.40	<50	1.0	<50	0.91	900	<10	3.31	<10	2150	<20	0.14	<50	20	50
D15244		7.12	<50	0.8	<50	0.89	850	<10	3.37	<10	2100	<20	0.17	<50	20	50
D15245		7.35	<50	1.1	<50	0.87	730	<10	3.07	<10	2090	<20	0.36	<50	20	60
D15245-PD																
D15246		7.83	<50	0.9	<50	0.94	840	<10	2.89	<10	2160	<20	0.17	<50	20	80
D15247		8.09	<50	1.6	<50	0.91	730	<10	3.09	<10	2050	<20	0.26	<50	20	70
D15248		7.71	<50	1.3	<50	0.90	600	<10	3.27	<10	2170	<20	0.19	<50	20	60



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<b>CERTIFICATE OF ANALYSIS SD20064203</b>
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Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	CRU-QC	PUL-QC
		Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pass2mm %	Pass75um %
		50	0.05	50	50	10	50	20	0.01	0.01
D15211		<50	0.50	<50	<50	150	<50	70	77.1	95.5
D15212		<50	0.50	<50	<50	160	<50	60		94.6
D15213		<50	0.51	<50	<50	160	<50	50		
D15214		<50	0.52	<50	<50	160	<50	60		
D15215		<50	<0.05	<50	<50	10	<50	<20		
D15216		<50	0.53	<50	<50	160	<50	60		
D15217		<50	0.51	<50	<50	160	<50	60		
D15218		<50	0.49	<50	<50	160	<50	50		
D15219		<50	0.50	<50	<50	160	<50	60		
D15220		<50	0.48	<50	<50	150	<50	70		
D15221		<50	0.49	<50	<50	150	<50	70		
D15222		<50	0.57	<50	<50	170	<50	80		
D15223		<50	0.59	<50	<50	170	<50	80		
D15224		<50	0.63	<50	<50	190	<50	90		
D15225		<50	0.52	<50	<50	170	<50	70		
D15226		<50	0.51	<50	<50	160	<50	60		
D15227		<50	0.50	<50	<50	150	<50	70		
D15228		<50	0.50	<50	<50	150	<50	90		
D15229		<50	0.49	<50	<50	160	<50	70		
D15230		<50	0.42	<50	<50	270	<50	100		
D15231		<50	0.52	<50	<50	160	<50	70		
D15232		<50	0.54	<50	<50	160	<50	80	76.1	
D15233		<50	0.52	<50	<50	150	<50	70		
D15234		<50	0.52	<50	<50	150	<50	60		
D15235		<50	<0.05	<50	<50	<10	<50	<20		
D15236		<50	0.53	<50	<50	160	<50	70		
D15237		<50	0.53	<50	<50	160	<50	70	74.4	
D15238		<50	0.53	<50	<50	150	<50	180		
D15239		<50	0.66	<50	<50	50	<50	440		
D15240		<50	0.69	<50	<50	<10	<50	200		
D15240-SP		<50	0.71	<50	<50	<10	<50	210		
D15241		<50	0.70	<50	<50	<10	<50	190		
D15242		<50	0.70	<50	<50	<10	<50	120		
D15243		<50	0.70	<50	<50	<10	<50	90		
D15244		<50	0.70	<50	<50	<10	<50	80		
D15245		<50	0.69	<50	<50	<10	<50	70		
D15245-PD										
D15246		<50	0.71	<50	<50	<10	<50	60		
D15247		<50	0.69	<50	<50	<10	<50	50	97.5	
D15248		<50	0.70	<50	<50	<10	<50	50	75.8	99.2



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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.001	0.005	0.001	1	0.05	50	50	10	20	0.05	10	10	10	10
D15249		4.06	0.004	<0.005	<0.001	<1	6.50	<50	340	<10	<20	2.17	<10	60	<10	710
D15249-SP		<0.02	0.005	<0.005	<0.001	<1	6.58	<50	350	<10	<20	2.22	<10	60	<10	730
D15250		0.07	0.184	0.542	0.603	3	5.58	80	200	<10	<20	4.19	<10	340	220	8990
D15251		4.08	0.007	<0.005	<0.001	<1	6.96	<50	370	<10	<20	2.43	<10	50	<10	840
D15252		3.56	0.006	<0.005	<0.001	<1	6.68	<50	340	<10	<20	2.18	<10	30	<10	710
D15253		3.48	0.003	<0.005	<0.001	<1	6.45	<50	270	<10	<20	2.10	<10	20	<10	420
D15254		3.61	0.007	<0.005	<0.001	<1	6.53	<50	310	<10	<20	2.16	<10	30	<10	780
D15255		1.22	0.004	<0.005	<0.001	<1	0.09	<50	<50	<10	<20	34.0	<10	<10	<10	<10
D15256		3.68	0.005	<0.005	<0.001	<1	6.63	<50	350	<10	<20	2.17	<10	40	<10	600
D15257		3.79	0.009	<0.005	<0.001	<1	6.18	<50	380	<10	<20	2.30	<10	40	<10	820
D15258		3.86	0.003	<0.005	<0.001	<1	6.00	<50	370	<10	<20	2.02	<10	30	<10	420
D15259		3.68	0.012	<0.005	<0.001	<1	6.88	<50	350	<10	<20	2.16	<10	30	<10	1020
D15259-PD		<0.02														
D15260		3.83	0.005	<0.005	<0.001	<1	7.23	<50	410	<10	<20	2.05	<10	40	<10	670
D15261		3.93	0.002	<0.005	<0.001	<1	6.83	<50	340	<10	<20	1.98	<10	40	<10	230
D15262		4.05	0.009	<0.005	<0.001	<1	6.38	<50	170	<10	<20	2.74	<10	50	<10	780
D15262-SP		<0.02	0.018	<0.005	<0.001	<1	6.98	<50	180	<10	<20	2.87	<10	50	<10	860
D15263		3.75	0.005	<0.005	<0.001	<1	7.18	<50	350	<10	<20	2.32	<10	70	<10	570
D15264		3.75	0.008	<0.005	<0.001	<1	6.59	<50	260	<10	<20	2.49	<10	30	<10	810
D15265		3.71	0.002	<0.005	<0.001	<1	6.83	<50	350	<10	<20	2.09	<10	30	<10	420
D15266		2.23	0.001	<0.005	<0.001	<1	6.86	<50	360	<10	<20	2.38	<10	40	<10	190
D15267		2.76	<0.001	<0.005	<0.001	<1	6.55	<50	320	<10	<20	2.47	<10	40	<10	60
D15268		2.56	<0.001	<0.005	<0.001	<1	6.68	<50	280	<10	<20	2.32	<10	40	<10	160
D15269		2.46	<0.001	<0.005	<0.001	<1	6.84	<50	380	<10	<20	2.72	<10	30	<10	120
D15270		0.07	0.171	0.322	0.358	2	6.65	100	220	<10	<20	5.50	<10	200	270	3530
D15271		2.51	<0.001	<0.005	0.001	<1	7.12	<50	130	<10	<20	2.32	<10	50	<10	340
D15272		2.07	<0.001	<0.005	<0.001	<1	6.58	<50	80	<10	<20	2.56	<10	50	<10	210
D15273		2.45	<0.001	<0.005	<0.001	<1	7.05	<50	480	<10	<20	5.17	<10	40	50	90
D15274		3.29	<0.001	<0.005	<0.001	<1	6.62	<50	270	<10	<20	2.42	<10	20	<10	40
D15275		0.07	<0.001	<0.005	0.001	<1	1.21	<50	<50	<10	<20	0.07	<10	<10	50	30
D15276		3.71	<0.001	<0.005	<0.001	<1	6.66	<50	360	<10	<20	2.59	<10	10	<10	30
D15277		3.42	<0.001	<0.005	0.001	<1	6.77	<50	300	<10	<20	2.45	<10	10	<10	10
D15278		3.22	<0.001	<0.005	<0.001	<1	5.51	<50	300	<10	<20	3.80	<10	10	<10	20
D15279		3.45	<0.001	<0.005	<0.001	<1	6.88	<50	340	<10	<20	2.64	<10	20	<10	20
D15280		4.21	<0.001	<0.005	<0.001	<1	6.45	<50	290	<10	<20	3.08	<10	10	<10	20
D15281		2.79	<0.001	<0.005	<0.001	<1	6.58	<50	340	<10	<20	2.73	<10	20	<10	40
D15282		1.64	<0.001	<0.005	<0.001	<1	6.86	<50	320	<10	<20	1.95	<10	30	<10	200
D15283		2.96	<0.001	<0.005	<0.001	<1	5.55	<50	180	<10	<20	0.86	<10	30	20	320
D15284		2.42	<0.001	<0.005	<0.001	<1	4.73	<50	240	<10	<20	0.33	<10	30	40	350
D15284-PD		<0.02														



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Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	
		Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		0.05	50	0.1	50	0.05	10	10	0.05	10	50	20	0.05	50	10	10
D15249		8.32	<50	1.6	<50	1.00	600	<10	2.96	<10	2050	<20	0.27	<50	20	60
D15249-SP		8.45	<50	1.4	<50	1.01	610	<10	3.04	<10	2050	<20	0.27	<50	20	60
D15250		17.55	<50	0.5	<50	3.29	1110	10	1.13	11450	1430	20	5.79	<50	20	200
D15251		8.71	<50	1.4	<50	1.00	590	<10	2.95	10	2080	<20	0.28	<50	30	60
D15252		8.10	<50	1.3	<50	0.91	530	<10	3.08	<10	2140	<20	0.20	<50	20	60
D15253		7.25	<50	0.9	<50	0.83	510	<10	3.26	<10	2080	<20	0.10	<50	20	50
D15254		7.98	<50	1.0	<50	0.85	510	<10	3.01	<10	2060	<20	0.21	<50	20	60
D15255		0.16	<50	<0.1	<50	1.22	110	<10	<0.05	<10	80	<20	<0.05	<50	<10	70
D15256		8.24	<50	1.3	<50	0.87	500	<10	3.18	<10	2130	<20	0.18	<50	20	50
D15257		8.38	<50	1.7	<50	0.85	490	<10	2.78	<10	2020	<20	0.22	<50	20	60
D15258		8.17	<50	1.8	<50	0.81	510	<10	2.96	<10	1980	<20	0.15	<50	20	50
D15259		8.28	<50	1.3	<50	0.91	510	<10	2.66	<10	2080	<20	0.18	<50	20	80
D15259-PD																
D15260		8.67	<50	1.7	<50	0.90	480	<10	3.02	<10	2190	<20	0.20	<50	30	70
D15261		8.15	<50	1.2	<50	0.82	450	<10	3.27	<10	2120	<20	0.15	<50	20	50
D15262		8.64	<50	0.7	<50	0.79	550	<10	2.87	<10	2030	<20	0.29	<50	20	70
D15262-SP		9.10	<50	0.7	<50	0.84	580	<10	2.96	<10	2080	<20	0.33	<50	30	70
D15263		9.34	<50	1.5	<50	0.84	460	<10	3.10	<10	2120	<20	0.38	<50	30	60
D15264		9.17	<50	1.0	<50	0.84	530	<10	2.70	<10	1970	<20	0.16	<50	20	60
D15265		9.03	<50	1.4	<50	0.84	530	<10	3.06	10	2130	<20	0.16	<50	20	50
D15266		9.15	<50	1.4	<50	0.77	530	<10	3.01	<10	2120	<20	0.15	<50	30	60
D15267		8.81	<50	1.1	<50	0.74	590	<10	2.99	<10	2100	<20	0.09	<50	20	60
D15268		8.98	<50	1.2	<50	0.77	540	<10	3.09	<10	2100	<20	0.20	<50	20	40
D15269		9.32	<50	1.4	<50	0.81	690	<10	2.22	<10	2030	<20	0.17	<50	20	100
D15270		10.80	<50	0.6	<50	4.15	1250	10	1.30	3040	1130	<20	1.57	<50	30	330
D15271		9.61	<50	0.5	<50	1.02	840	<10	2.49	<10	2160	<20	0.76	<50	30	70
D15272		9.18	<50	0.4	<50	1.21	880	<10	1.97	10	2100	<20	0.58	<50	30	70
D15273		10.60	<50	1.6	<50	2.79	1360	<10	1.23	70	1000	<20	0.18	<50	30	160
D15274		8.20	<50	1.3	<50	0.83	710	<10	2.82	<10	2110	<20	0.13	<50	20	80
D15275		0.88	<50	0.4	<50	0.05	90	10	0.35	10	80	<20	<0.05	<50	<10	10
D15276		8.25	<50	1.8	<50	0.80	670	<10	2.54	<10	2010	<20	0.13	<50	20	110
D15277		8.16	<50	1.5	<50	0.74	670	<10	3.17	<10	2130	<20	0.07	<50	20	70
D15278		8.38	<50	1.4	<50	0.66	800	<10	3.09	<10	1960	<20	0.13	<50	20	80
D15279		9.25	<50	1.8	<50	0.84	750	<10	2.70	<10	2040	<20	0.11	<50	20	100
D15280		9.32	<50	1.6	<50	0.72	750	<10	2.92	<10	2030	<20	0.11	<50	20	80
D15281		9.79	<50	1.7	<50	0.71	790	<10	2.74	<10	1990	<20	0.19	<50	20	90
D15282		10.40	<50	1.3	<50	1.13	720	10	2.32	<10	1960	30	0.56	<50	30	70
D15283		5.74	<50	0.6	<50	0.62	410	10	3.19	10	570	<20	0.95	<50	10	50
D15284		3.96	<50	0.7	<50	0.30	200	<10	3.69	<10	100	<20	1.19	<50	<10	20
D15284-PD																



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Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	CRU-QC	PUL-QC
		Th	Ti	Tl	U	V	W	Zn	Pass2mm	Pass75um
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	%
		50	0.05	50	50	10	50	20	0.01	0.01
D15249		<50	0.68	<50	<50	<10	<50	40		
D15249-SP		<50	0.68	<50	<50	<10	<50	40		
D15250		<50	0.36	<50	<50	220	<50	160		
D15251		<50	0.70	<50	<50	<10	<50	40		
D15252		<50	0.69	<50	<50	<10	<50	40		
D15253		<50	0.68	<50	<50	<10	<50	30		
D15254		<50	0.68	<50	<50	<10	<50	40		
D15255		<50	<0.05	<50	<50	<10	<50	<20		
D15256		<50	0.70	<50	<50	<10	<50	40		
D15257		<50	0.66	<50	<50	<10	<50	50		
D15258		<50	0.66	<50	<50	<10	<50	30		
D15259		<50	0.67	<50	<50	<10	<50	30		
D15259-PD										
D15260		<50	0.71	<50	<50	<10	<50	30		
D15261		<50	0.70	<50	<50	<10	<50	30		
D15262		<50	0.65	<50	<50	<10	<50	30		
D15262-SP		<50	0.67	<50	<50	<10	<50	30		
D15263		<50	0.70	<50	<50	<10	<50	30		
D15264		<50	0.65	<50	<50	<10	<50	30		
D15265		<50	0.69	<50	<50	<10	<50	40		
D15266		<50	0.70	<50	<50	<10	<50	70		
D15267		<50	0.70	<50	<50	<10	<50	40		
D15268		<50	0.69	<50	<50	<10	<50	30		
D15269		<50	0.66	<50	<50	<10	<50	70		
D15270		<50	0.44	<50	<50	280	<50	110		
D15271		<50	0.72	<50	<50	<10	<50	80		
D15272		<50	0.68	<50	<50	10	<50	70		
D15273		<50	0.86	<50	<50	230	<50	100		
D15274		<50	0.70	<50	<50	<10	<50	40		
D15275		<50	<0.05	<50	<50	10	<50	20		
D15276		<50	0.68	<50	<50	<10	<50	40		
D15277		<50	0.70	<50	<50	<10	<50	70		
D15278		<50	0.65	<50	<50	<10	<50	70		
D15279		<50	0.69	<50	<50	<10	<50	80		
D15280		<50	0.67	<50	<50	<10	<50	60		
D15281		<50	0.67	<50	<50	<10	<50	100		
D15282		<50	0.66	<50	<50	<10	<50	230		
D15283		<50	0.25	<50	<50	<10	<50	1420		
D15284		<50	0.11	<50	<50	10	<50	330		
D15284-PD										



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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.001	0.005	0.001	1	0.05	50	50	10	20	0.05	10	10	10	
D15285		2.49	0.001	<0.005	<0.001	<1	5.42	<50	430	<10	<20	0.55	<10	50	40	780
D15285-PD		<0.02														
D15286		2.80	0.004	<0.005	<0.001	<1	6.31	<50	480	<10	<20	0.84	<10	30	60	400
D15287		2.46	0.004	<0.005	<0.001	<1	4.37	<50	200	<10	<20	0.46	<10	20	40	450
D15287-SP		<0.02	0.002	<0.005	<0.001	<1	5.02	<50	210	<10	<20	0.50	<10	20	50	490
D15288		1.65	0.003	<0.005	<0.001	<1	5.34	<50	220	<10	<20	0.82	<10	20	30	660
D15288-PD		<0.02														
D15289		3.41	0.001	<0.005	0.001	<1	7.73	<50	440	<10	<20	1.27	<10	30	40	350
D15289-SP		<0.02	0.002	<0.005	<0.001	<1	7.22	<50	430	<10	<20	1.25	<10	30	40	320
D15290		0.07	0.177	0.550	0.576	3	5.55	70	200	<10	<20	4.19	<10	340	220	9020
D15291		4.01	<0.001	<0.005	0.001	<1	6.66	<50	320	<10	<20	1.26	<10	20	40	300
D15291-SP		<0.02	<0.001	<0.005	0.001	<1	7.53	<50	320	<10	<20	1.28	<10	30	40	280
D15292		3.65	<0.001	<0.005	<0.001	<1	7.99	<50	350	<10	<20	1.43	<10	30	40	430
D15293		4.06	<0.001	<0.005	0.001	<1	6.59	<50	230	<10	<20	1.16	<10	20	40	230
D15294		3.34	<0.001	<0.005	<0.001	<1	7.47	<50	380	<10	<20	1.31	<10	20	40	330
D15295		0.84	<0.001	<0.005	<0.001	<1	3.16	<50	110	<10	<20	0.51	<10	<10	20	<10
D15296		4.04	0.003	<0.005	<0.001	<1	7.31	<50	310	<10	<20	1.30	<10	20	40	400
D15296-PD		<0.02														
D15297		3.78	0.006	<0.005	<0.001	<1	7.67	<50	190	<10	<20	1.03	<10	10	40	390
D15298		3.24	<0.001	<0.005	<0.001	<1	6.85	<50	200	<10	<20	1.17	<10	10	40	310
D15299		3.54	0.002	<0.005	0.001	<1	5.64	<50	190	<10	<20	0.88	<10	10	40	580
D15300		3.66	0.001	<0.005	0.001	<1	6.05	<50	200	<10	<20	0.97	<10	10	40	400
D15301		3.48	<0.001	<0.005	0.001	<1	6.51	<50	220	<10	<20	1.03	<10	10	40	490
D15302		2.29	<0.001	<0.005	0.001	<1	6.31	<50	290	<10	<20	1.36	<10	20	40	500
D15303		2.36	0.003	<0.005	<0.001	<1	6.81	<50	290	<10	<20	1.49	<10	20	40	760
D15303-SP		<0.02	0.008	<0.005	<0.001	<1	6.52	<50	290	<10	<20	1.51	<10	30	40	800
D15304		2.84	0.021	<0.005	<0.001	<1	7.43	<50	380	<10	<20	1.62	<10	20	40	430
D15304-PD		<0.02														
D15305		3.49	0.001	<0.005	0.001	<1	6.72	<50	260	<10	<20	1.91	<10	20	40	470
D15306		3.39	0.001	<0.005	0.001	<1	6.71	<50	250	<10	<20	1.72	<10	20	40	620
D15307		3.87	<0.001	<0.005	<0.001	<1	5.88	<50	300	<10	<20	1.46	<10	20	40	280
D15308		4.02	<0.001	<0.005	<0.001	<1	5.51	<50	220	<10	<20	1.86	<10	20	40	200
D15309		3.71	<0.001	<0.005	<0.001	<1	5.79	<50	210	<10	<20	1.61	<10	10	40	210
D15310		0.07	0.172	0.536	0.584	4	5.64	70	210	<10	<20	4.21	<10	340	220	9090
D15311		3.53	0.001	<0.005	0.001	<1	5.96	<50	230	<10	<20	1.57	<10	20	40	560
D15312		3.91	0.005	<0.005	0.001	<1	5.04	<50	170	<10	<20	1.82	<10	10	40	180
D15313		3.76	0.001	<0.005	<0.001	<1	5.10	<50	230	<10	<20	1.85	<10	10	40	300
D15314		3.68	<0.001	<0.005	<0.001	<1	5.40	<50	240	<10	<20	2.23	<10	10	40	190
D15315		0.08	<0.001	<0.005	0.001	<1	1.23	<50	<50	<10	<20	0.07	<10	10	50	20
D15316		3.13	0.003	<0.005	<0.001	<1	5.92	<50	220	<10	<20	3.32	<10	10	40	720





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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	
		Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
D15285		5.77	<50	1.4	<50	0.51	310	10	3.08	10	160	<20	1.74	<50	<10	40
D15285-PD																
D15286		5.74	<50	1.6	<50	0.78	400	10	3.16	20	300	<20	1.05	<50	10	60
D15287		3.18	<50	0.7	<50	0.36	240	10	3.46	10	100	<20	0.68	<50	<10	30
D15287-SP		3.39	<50	0.7	<50	0.38	250	10	3.53	10	90	<20	0.75	<50	<10	30
D15288		4.30	<50	0.7	50	0.46	310	10	3.30	10	140	<20	0.89	<50	<10	40
D15288-PD																
D15289		8.92	<50	2.4	<50	1.63	640	<10	2.72	40	540	<20	1.10	<50	20	90
D15289-SP		8.52	<50	2.2	<50	1.57	630	<10	2.72	40	530	<20	0.96	<50	10	80
D15290		17.45	<50	0.6	<50	3.26	1110	10	1.13	11350	1430	20	5.57	<50	20	200
D15291		7.34	<50	2.1	<50	1.49	610	<10	3.13	50	540	<20	0.63	<50	10	80
D15291-SP		7.30	<50	1.4	<50	1.56	600	<10	3.07	40	550	<20	0.59	<50	20	80
D15292		8.03	<50	1.8	<50	1.75	620	<10	2.89	50	540	<20	0.79	<50	20	90
D15293		6.81	<50	1.5	<50	1.59	550	<10	3.38	40	540	<20	0.30	<50	10	90
D15294		7.44	<50	2.3	<50	1.67	510	<10	3.02	60	560	<20	0.63	<50	20	100
D15295		0.36	<50	3.7	<50	<0.05	50	<10	3.05	<10	<50	30	<0.05	<50	<10	90
D15296		7.75	<50	2.1	<50	1.69	590	<10	2.94	60	560	<20	0.57	<50	20	90
D15296-PD																
D15297		7.79	<50	1.5	<50	1.80	600	<10	3.32	50	560	<20	0.25	<50	20	70
D15298		7.69	<50	1.5	<50	1.79	650	<10	3.07	50	520	<20	0.23	<50	10	70
D15299		6.84	<50	1.5	<50	1.51	590	<10	3.52	40	550	<20	0.23	<50	10	60
D15300		7.30	<50	1.7	<50	1.59	570	<10	3.36	50	530	<20	0.13	<50	10	70
D15301		6.92	<50	1.7	<50	1.57	550	<10	3.51	40	560	<20	0.24	<50	10	60
D15302		7.59	<50	1.8	<50	1.63	590	<10	2.81	40	520	<20	0.52	<50	10	80
D15303		7.62	<50	1.6	<50	1.61	550	<10	3.04	60	550	<20	0.72	<50	10	90
D15303-SP		7.79	<50	2.0	<50	1.58	560	<10	3.05	60	560	<20	0.80	<50	10	90
D15304		7.42	<50	2.2	<50	1.63	500	<10	2.87	70	580	<20	0.67	<50	20	110
D15304-PD																
D15305		7.04	<50	1.7	<50	1.59	590	<10	2.86	60	550	<20	0.51	<50	10	90
D15306		7.01	<50	1.6	<50	1.58	570	<10	3.00	60	570	<20	0.49	<50	10	90
D15307		6.80	<50	1.6	<50	1.49	530	<10	2.90	80	540	<20	0.43	<50	10	90
D15308		6.52	<50	1.8	<50	1.44	530	<10	2.77	50	540	<20	0.30	<50	10	100
D15309		6.58	<50	1.7	<50	1.55	560	<10	3.10	30	570	<20	0.19	<50	10	90
D15310		17.75	<50	0.6	<50	3.32	1110	<10	1.14	11600	1450	20	5.52	<50	20	210
D15311		7.22	<50	1.7	<50	1.60	580	<10	2.88	60	570	<20	0.53	<50	10	80
D15312		5.92	<50	1.3	<50	1.34	500	<10	3.09	60	570	<20	0.12	<50	10	100
D15313		5.74	<50	1.9	<50	1.36	460	<10	2.61	60	500	<20	0.06	<50	10	110
D15314		6.63	<50	1.6	<50	1.51	490	<10	2.46	60	550	<20	0.07	<50	10	120
D15315		0.87	<50	0.4	<50	0.06	90	10	0.34	10	90	<20	<0.05	<50	<10	10
D15316		6.78	<50	1.3	<50	1.28	470	<10	1.84	40	540	<20	0.21	<50	10	140



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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	CRU-QC	PUL-QC
		Th	Ti	Tl	U	V	W	Zn	Pass2mm	Pass75um
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	%
		50	0.05	50	50	10	50	20	0.01	0.01
D15285		<50	0.16	<50	<50	20	<50	1030	75.7	86.4
D15285-PD										
D15286		<50	0.22	<50	<50	50	<50	190		94.3
D15287		<50	0.11	<50	<50	10	<50	450		
D15287-SP		<50	0.11	<50	<50	10	<50	490		
D15288		<50	0.12	<50	<50	20	<50	390		
D15288-PD										
D15289		<50	0.37	<50	<50	110	<50	200		
D15289-SP		<50	0.37	<50	<50	110	<50	190		
D15290		<50	0.36	<50	<50	220	<50	160		
D15291		<50	0.38	<50	<50	120	<50	490		
D15291-SP		<50	0.38	<50	<50	110	<50	440		
D15292		<50	0.38	<50	<50	110	<50	590		
D15293		<50	0.38	<50	<50	120	<50	220		
D15294		<50	0.38	<50	<50	120	<50	150		
D15295		<50	<0.05	<50	<50	<10	<50	<20		
D15296		<50	0.38	<50	<50	120	<50	100		
D15296-PD										
D15297		<50	0.39	<50	<50	120	<50	110		
D15298		<50	0.37	<50	<50	120	<50	120		
D15299		<50	0.38	<50	<50	120	<50	100		
D15300		<50	0.38	<50	<50	120	<50	110		
D15301		<50	0.38	<50	<50	120	<50	110		
D15302		<50	0.37	<50	<50	110	<50	120		
D15303		<50	0.38	<50	<50	120	<50	120		
D15303-SP		<50	0.39	<50	<50	120	<50	120		
D15304		<50	0.38	<50	<50	120	<50	130		
D15304-PD										
D15305		<50	0.37	<50	<50	120	<50	110		
D15306		<50	0.38	<50	<50	120	<50	110		
D15307		<50	0.38	<50	<50	120	<50	90		
D15308		<50	0.37	<50	<50	120	<50	70		
D15309		<50	0.38	<50	<50	120	<50	70		
D15310		<50	0.37	<50	<50	220	<50	160		
D15311		<50	0.38	<50	<50	120	<50	60		
D15312		<50	0.37	<50	<50	120	<50	40		
D15313		<50	0.36	<50	<50	120	<50	40		
D15314		<50	0.38	<50	<50	120	<50	40		96.7
D15315		<50	<0.05	<50	<50	10	<50	<20		
D15316		<50	0.36	<50	<50	120	<50	50	76.3	94.2



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**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
D15317		2.69	0.005	<0.005	0.001	1	6.96	<50	250	<10	<20	2.13	<10	30	40	1060
D15317-PD		<0.02														
D15318		2.46	<0.001	<0.005	0.001	<1	6.91	<50	240	<10	<20	2.26	<10	20	40	360
D15318-SP		<0.02	<0.001	<0.005	<0.001	<1	7.51	<50	240	<10	<20	2.27	<10	30	40	350
D15319		2.35	<0.001	<0.005	0.001	<1	6.54	<50	260	<10	<20	2.30	<10	20	40	230
D15320		3.83	<0.001	<0.005	0.001	<1	6.35	<50	310	<10	<20	2.50	<10	30	50	130
D15321		3.98	<0.001	<0.005	0.001	<1	5.36	<50	260	<10	<20	2.39	<10	20	40	100
D15322		2.22	<0.001	<0.005	<0.001	<1	5.37	<50	360	<10	<20	1.94	<10	30	40	80
D15323		2.39	<0.001	<0.005	<0.001	<1	4.43	<50	180	<10	<20	3.12	<10	20	50	20
D15324		2.55	<0.001	<0.005	<0.001	<1	4.23	<50	200	<10	<20	3.00	<10	30	50	80
D15325		2.35	<0.001	<0.005	<0.001	<1	4.90	<50	180	<10	<20	2.94	<10	20	40	20
D15326		2.29	<0.001	<0.005	<0.001	<1	4.88	<50	220	<10	<20	2.89	<10	30	40	100
D15327		2.26	<0.001	<0.005	<0.001	<1	4.66	<50	220	<10	<20	3.03	<10	20	40	70
D15328		2.48	0.006	<0.005	0.001	1	4.79	<50	250	<10	<20	3.00	<10	30	40	1380
D15329		2.79	<0.001	<0.005	0.001	<1	4.65	<50	190	<10	<20	3.28	<10	30	40	80
D15330		0.08	0.173	0.318	0.359	2	6.24	100	200	<10	<20	5.17	<10	190	230	3340
D15331		1.17	<0.001	<0.005	<0.001	<1	2.38	<50	<50	<10	<20	7.47	<10	10	50	140
D15332		1.60	<0.001	<0.005	<0.001	<1	5.24	<50	280	<10	<20	4.47	<10	20	40	60
D15333		2.08	0.004	<0.005	<0.001	<1	5.23	<50	280	<10	<20	3.20	<10	30	40	260
D15334		2.60	0.001	<0.005	<0.001	<1	4.81	<50	270	<10	<20	2.97	<10	20	40	280
D15335		0.96	<0.001	<0.005	<0.001	<1	2.50	<50	110	<10	<20	0.49	<10	<10	20	<10
D15336		1.17	0.276	<0.005	0.001	<1	1.36	<50	50	<10	<20	0.13	<10	20	80	26100
D15337		0.32	0.361	0.443	0.534	<1	5.99	<50	<50	<10	<20	8.56	<10	70	440	2090



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Project: LN\_EC Batch 20-003

**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	
		Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
D15317		8.68	<50	2.0	<50	1.47	390	<10	2.25	60	550	<20	0.77	<50	10	120
D15317-PD																
D15318		8.44	<50	2.1	<50	1.60	430	<10	2.14	50	570	40	0.29	<50	10	130
D15318-SP		8.41	<50	1.9	<50	1.65	430	<10	2.10	60	550	<20	0.27	<50	20	130
D15319		7.86	<50	1.8	<50	1.56	380	<10	2.11	60	550	<20	0.26	<50	10	130
D15320		6.96	<50	1.8	<50	1.49	360	<10	1.95	40	540	<20	0.32	<50	10	130
D15321		6.40	<50	1.4	<50	1.61	350	<10	2.08	50	520	<20	0.28	<50	10	110
D15322		5.31	<50	2.0	<50	1.71	330	<10	2.18	40	520	<20	0.11	<50	10	100
D15323		5.02	<50	1.1	<50	1.38	720	<10	3.14	40	510	<20	0.17	<50	10	80
D15324		4.68	<50	1.0	<50	1.20	680	<10	3.28	40	530	<20	0.30	<50	10	80
D15325		5.14	<50	1.0	<50	1.34	750	<10	3.30	50	560	<20	0.17	<50	10	90
D15326		5.48	<50	1.0	<50	1.56	800	<10	3.22	60	510	<20	0.24	<50	10	100
D15327		4.79	<50	1.0	<50	1.36	730	<10	3.31	40	520	<20	0.18	<50	10	90
D15328		5.75	<50	1.2	<50	1.42	750	<10	2.68	90	500	<20	0.51	<50	10	110
D15329		5.24	<50	1.0	<50	1.38	770	<10	2.80	60	500	<20	0.23	<50	10	80
D15330		10.10	<50	0.6	<50	3.88	1170	10	1.22	2820	1050	<20	1.49	<50	30	300
D15331		1.98	<50	0.3	<50	0.52	450	<10	1.01	30	180	<20	0.23	<50	10	30
D15332		4.75	<50	1.3	<50	1.43	720	<10	2.63	40	480	<20	0.17	<50	10	50
D15333		5.52	<50	1.4	<50	1.48	690	<10	2.65	70	530	<20	0.37	<50	10	80
D15334		5.02	<50	1.3	<50	1.41	660	<10	2.61	50	550	<20	0.24	<50	10	120
D15335		0.32	<50	4.0	<50	<0.05	50	<10	3.07	<10	<50	40	<0.05	<50	<10	100
D15336		4.88	<50	0.2	<50	0.89	300	<10	0.05	30	160	<20	2.68	<50	<10	10
D15337		6.53	<50	0.2	<50	6.32	1220	<10	0.78	860	120	<20	0.51	<50	40	80



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Project: LN\_EC Batch 20-003

**CERTIFICATE OF ANALYSIS SD20064203**

Sample Description	Method Analyte Units LOD	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	CRU-QC	PUL-QC
		Th	Ti	Tl	U	V	W	Zn	Pass2mm	Pass75um
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	%
		50	0.05	50	50	10	50	20	0.01	0.01
D15317		<50	0.36	<50	<50	110	<50	70		
D15317-PD										
D15318		<50	0.38	<50	<50	120	<50	60		
D15318-SP		<50	0.38	<50	<50	120	<50	70		
D15319		<50	0.38	<50	<50	120	<50	60		
D15320		<50	0.38	<50	<50	120	<50	60		94.9
D15321		<50	0.37	<50	<50	120	<50	60		91.4
D15322		<50	0.36	<50	<50	110	<50	60		
D15323		<50	0.35	<50	<50	110	<50	30		
D15324		<50	0.35	<50	<50	110	<50	30		
D15325		<50	0.38	<50	<50	120	<50	30		
D15326		<50	0.38	<50	<50	120	<50	40		
D15327		<50	0.36	<50	<50	120	<50	30		
D15328		<50	0.36	<50	<50	110	<50	60		
D15329		<50	0.35	<50	<50	110	<50	40	77.4	
D15330		<50	0.41	<50	<50	260	<50	100		
D15331		<50	0.13	<50	<50	30	<50	40		
D15332		<50	0.34	<50	<50	110	<50	50		
D15333		<50	0.37	<50	<50	120	<50	50		
D15334		<50	0.36	<50	<50	120	<50	40		
D15335		<50	<0.05	<50	<50	<10	<50	<20		
D15336		<50	0.06	<50	<50	30	<50	40		
D15337		<50	0.20	<50	<50	210	<50	60		



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Project: LN\_EC Batch 20-003

**CERTIFICATE OF ANALYSIS SD20064203**

**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-22d
	PUL-31	PUL-31d	PUL-QC
	SPL-21d	SPL-34X	WEI-21
			LOG-24
			SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	ME-ICP61a	PGM-ICP23	



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**CERTIFICATE SD20064213**

Project: LN\_EC Batch 20-004 Whole Rocks

This report is for 31 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 18-MAR-2020.

The following have access to data associated with this certificate:

GERRY KATCHEN

PETER LIGHTFOOT

JIM SPARLING

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
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 20-004 Whole Rocks

**CERTIFICATE OF ANALYSIS SD20064213**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm
260851		2.05	<0.001	<0.005	0.001	147.5	17.0	110	0.46	1.98	1.30	0.57	17.6	1.86	2.0	0.36
260852		0.48	<0.001	<0.005	<0.001	73.7	20.2	30	0.18	2.50	1.43	0.89	20.1	2.73	2.0	0.52
260853		0.58	<0.001	<0.005	<0.001	8.3	27.7	120	0.07	2.60	1.65	1.00	25.4	2.61	2.3	0.53
260854		1.13	<0.001	<0.005	0.001	135.5	13.1	450	0.36	1.88	1.21	0.49	14.1	1.83	1.9	0.40
260855		0.70	<0.001	<0.005	<0.001	39.3	11.6	130	0.31	3.48	2.31	0.82	17.2	3.39	1.9	0.74
260856		0.53	<0.001	<0.005	<0.001	36.8	12.2	130	0.18	3.62	2.38	0.78	17.6	3.16	2.0	0.78
260857		0.55	<0.001	<0.005	0.002	56.4	5.4	220	0.31	1.59	1.07	0.41	14.2	1.25	0.5	0.36
260858		0.39	<0.001	<0.005	<0.001	135.5	28.3	50	0.39	2.75	1.67	0.82	17.8	3.16	2.9	0.57
260859		0.61	<0.001	<0.005	<0.001	401	29.7	50	0.60	3.10	1.85	0.85	17.8	3.22	3.4	0.62
260860		0.63	<0.001	<0.005	<0.001	112.5	31.9	50	0.33	3.18	1.81	0.92	18.7	3.62	3.5	0.66
260861		0.41	<0.001	<0.005	<0.001	541	30.8	20	0.55	3.80	2.23	1.18	18.9	3.75	3.2	0.78
260862		0.48	<0.001	<0.005	<0.001	99.4	21.9	70	0.19	3.89	2.36	0.99	17.6	3.63	2.3	0.74
260863		1.17	<0.001	<0.005	<0.001	28.5	32.5	30	0.04	4.18	2.72	1.24	20.7	4.25	3.9	0.88
260864		0.37	<0.001	<0.005	<0.001	98.1	19.3	140	0.35	4.47	2.83	1.15	21.6	4.21	2.7	0.89
260865		0.71	<0.001	<0.005	<0.001	9.3	13.9	110	0.07	3.25	1.94	0.98	21.1	3.13	2.1	0.72
260866		0.50	<0.001	<0.005	<0.001	50.3	17.4	140	0.16	4.18	2.69	1.12	22.4	4.04	2.5	0.84
260867		0.49	<0.001	<0.005	<0.001	31.8	17.3	140	0.09	4.13	2.65	1.17	19.9	4.10	2.6	0.85
260868		0.42	<0.001	<0.005	<0.001	157.0	26.2	30	0.44	3.37	2.04	1.03	19.3	3.39	3.2	0.67
260869		0.44	<0.001	<0.005	<0.001	215	33.1	40	0.30	3.58	2.24	1.06	20.3	3.79	4.6	0.77
260870		0.29	<0.001	<0.005	<0.001	317	29.9	30	0.56	3.42	2.12	0.80	16.8	3.36	3.5	0.69
260871		0.60	<0.001	<0.005	<0.001	361	39.5	30	0.35	4.09	2.48	0.90	19.5	3.97	3.6	0.81
260872		0.35	<0.001	<0.005	<0.001	313	34.7	20	1.27	3.91	2.32	0.81	17.7	4.00	3.5	0.82
260873		0.29	<0.001	<0.005	<0.001	437	49.9	<10	3.28	8.81	5.13	2.39	24.2	8.82	7.4	1.74
260874		0.58	<0.001	<0.005	<0.001	258	44.8	<10	1.76	8.16	5.42	1.70	22.7	7.78	7.1	1.72
260875		0.69	<0.001	<0.005	<0.001	334	50.5	<10	4.32	8.89	5.30	2.42	24.0	8.69	7.3	1.77
260876		0.50	0.003	<0.005	<0.001	256	35.4	40	3.82	3.61	2.25	0.62	17.7	3.31	3.5	0.68
260877		0.27	0.001	<0.005	<0.001	279	14.9	40	4.26	3.00	2.19	0.52	18.7	2.10	3.7	0.71
260878		0.29	<0.001	<0.005	<0.001	263	25.6	20	1.62	3.22	2.08	1.07	18.6	3.15	3.2	0.64
260879		0.73	<0.001	<0.005	<0.001	243	26.4	50	0.77	3.43	2.12	0.95	18.7	3.34	3.5	0.68
260880		0.48	<0.001	<0.005	<0.001	212	76.5	50	0.24	4.04	2.11	2.15	22.3	5.24	3.9	0.80
260881		0.22	<0.001	<0.005	0.001	816	68.7	120	0.71	3.95	2.03	1.22	20.0	4.66	4.6	0.71

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Project: LN\_EC Batch 20-004 Whole Rocks

**CERTIFICATE OF ANALYSIS SD20064213**

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		La ppm	Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Tm ppm	U ppm	V ppm
		0.1	0.01	0.1	0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5
260851		7.4	0.15	3.5	9.9	2.18	25.6	2.01	1	188.0	0.3	0.29	1.16	0.17	0.25	109
260852		10.0	0.24	3.7	10.6	2.44	8.0	2.77	1	204	0.3	0.42	1.18	0.23	0.34	162
260853		17.7	0.27	3.4	11.6	2.77	0.3	2.45	1	436	0.2	0.41	0.68	0.26	0.35	401
260854		5.4	0.15	2.8	7.6	1.82	23.2	1.72	1	125.0	0.2	0.30	1.25	0.19	0.18	108
260855		4.9	0.33	2.7	8.9	1.67	7.5	2.60	1	124.0	0.2	0.54	0.41	0.35	0.11	257
260856		5.1	0.34	2.9	8.9	1.79	7.9	2.62	1	118.5	0.2	0.53	0.41	0.34	0.11	263
260857		2.4	0.19	0.8	3.5	0.76	12.5	1.12	<1	118.5	<0.1	0.26	0.08	0.17	<0.05	120
260858		13.8	0.24	4.8	13.7	3.50	19.1	3.12	1	182.0	0.4	0.45	1.67	0.22	0.39	120
260859		14.5	0.27	5.3	15.4	3.71	44.3	3.41	1	211	0.4	0.54	1.92	0.26	0.47	118
260860		15.0	0.27	5.8	16.1	4.00	20.3	3.46	1	164.5	0.5	0.50	2.16	0.30	0.89	129
260861		15.0	0.32	5.4	16.9	3.90	60.0	3.82	2	172.0	0.4	0.64	1.94	0.30	0.55	178
260862		9.1	0.35	4.0	14.1	3.09	8.7	3.51	1	109.0	0.2	0.59	0.58	0.32	0.17	241
260863		15.7	0.38	6.5	18.2	4.25	0.4	4.57	1	199.0	0.5	0.69	2.19	0.37	0.42	176
260864		8.2	0.41	4.6	14.2	2.78	12.0	3.81	1	248	0.3	0.70	0.66	0.40	0.14	254
260865		5.9	0.29	3.4	10.2	2.04	0.3	2.92	1	489	0.2	0.50	0.42	0.30	0.09	200
260866		6.9	0.40	4.4	12.1	2.53	5.4	3.53	1	137.5	0.3	0.70	0.52	0.39	0.11	254
260867		7.3	0.37	4.3	12.2	2.74	1.5	3.62	1	149.0	0.3	0.65	0.43	0.34	0.12	235
260868		12.5	0.26	4.9	14.0	3.29	21.2	3.09	1	238	0.3	0.54	1.73	0.26	0.49	155
260869		15.4	0.32	6.0	16.5	3.95	17.3	3.48	1	208	0.4	0.56	1.91	0.32	0.49	127
260870		14.3	0.28	5.5	15.6	3.70	33.3	3.26	1	124.5	0.4	0.57	1.67	0.30	0.43	119
260871		21.4	0.35	6.0	18.3	4.66	46.8	4.14	1	121.5	0.4	0.60	1.63	0.33	0.44	166
260872		18.7	0.33	5.5	16.9	4.19	61.6	3.65	1	111.5	0.4	0.62	1.53	0.33	0.44	154
260873		22.1	0.77	10.4	31.7	6.90	91.6	8.54	4	50.8	0.6	1.33	2.42	0.75	0.61	6
260874		19.6	0.83	10.9	28.7	6.30	43.9	7.59	2	34.5	0.7	1.25	2.24	0.78	0.60	<5
260875		22.2	0.73	10.7	31.6	6.85	99.5	8.14	3	99.7	0.7	1.35	2.40	0.78	0.65	6
260876		18.4	0.28	5.5	16.3	4.07	159.5	3.30	1	79.8	0.4	0.51	2.12	0.30	0.67	116
260877		8.0	0.28	5.8	7.0	1.77	165.5	1.58	2	136.0	0.4	0.38	1.99	0.28	0.52	120
260878		12.3	0.30	4.8	13.7	3.17	78.4	3.09	3	229	0.3	0.50	1.82	0.27	0.42	159
260879		12.3	0.27	5.7	13.9	3.23	66.6	3.13	3	87.2	0.4	0.52	2.04	0.28	0.51	120
260880		37.8	0.30	6.5	37.9	9.36	36.1	6.80	4	125.5	0.5	0.68	2.28	0.32	0.66	133
260881		34.0	0.24	8.3	33.2	8.34	66.8	6.10	1	326	0.5	0.66	8.41	0.27	1.85	139



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 Account: NRAMNI

Project: LN\_EC Batch 20-004 Whole Rocks

**CERTIFICATE OF ANALYSIS SD20064213**

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
		W ppm	Y ppm	Yb ppm	Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %
260851	1	10.2	1.19	79	56.2	17.80	6.92	8.49	4.72	2.80	0.85	0.017	0.44	0.10	0.06	
260852	1	13.8	1.61	83	55.5	17.15	8.54	9.03	4.39	3.10	0.26	0.005	0.70	0.15	0.10	
260853	1	14.4	1.49	84	53.0	16.65	9.39	14.60	1.58	0.55	0.01	0.018	1.28	0.12	0.17	
260854	1	10.6	1.22	73	56.3	14.15	8.56	7.76	8.68	1.76	0.75	0.068	0.36	0.15	0.06	
260855	<1	19.4	2.26	67	50.3	14.50	12.85	10.85	6.91	1.65	0.22	0.020	0.95	0.20	0.08	
260856	1	20.5	2.48	71	50.4	14.60	12.80	10.45	6.99	1.48	0.23	0.020	0.94	0.21	0.08	
260857	1	9.1	1.12	20	44.2	16.90	12.20	10.75	9.13	1.19	0.40	0.034	0.42	0.17	0.04	
260858	1	14.8	1.63	116	57.4	16.20	8.31	7.65	3.59	2.31	0.60	0.009	0.63	0.11	0.10	
260859	1	16.4	1.81	132	59.7	16.15	6.47	6.45	3.60	3.03	1.56	0.008	0.63	0.13	0.12	
260860	<1	17.7	1.87	144	59.9	16.65	8.02	5.82	3.51	3.91	0.67	0.008	0.67	0.10	0.13	
260861	1	19.9	2.09	129	58.1	16.20	8.91	5.76	3.73	3.46	2.25	0.004	0.84	0.12	0.12	
260862	1	19.6	2.25	90	49.6	15.55	13.45	5.25	6.98	4.10	0.34	0.011	1.22	0.19	0.18	
260863	1	22.7	2.49	151	58.2	15.65	7.81	4.90	4.00	4.65	0.02	0.004	0.92	0.12	0.16	
260864	1	23.9	2.56	107	49.7	19.00	8.31	8.79	3.83	4.09	0.39	0.020	1.31	0.12	0.19	
260865	1	17.5	2.03	80	48.8	15.80	10.60	14.50	3.62	0.83	15.80	0.017	0.98	0.16	0.14	
260866	1	21.7	2.50	102	52.1	18.00	8.69	9.69	4.34	3.12	0.20	0.020	1.25	0.12	0.16	
260867	1	22.7	2.40	102	52.9	17.15	9.84	7.74	3.91	3.56	0.07	0.020	1.24	0.17	0.18	
260868	1	16.9	1.87	124	56.3	16.10	8.54	8.75	3.97	1.87	0.62	0.005	0.81	0.12	0.13	
260869	1	18.5	2.19	186	59.8	15.85	6.97	7.84	3.79	3.28	0.48	0.007	0.67	0.10	0.12	
260870	1	18.1	2.02	135	59.4	15.55	7.21	4.77	3.94	3.68	1.03	0.006	0.63	0.15	0.12	
260871	1	20.8	2.13	146	57.5	15.60	8.36	4.09	4.01	4.80	1.83	0.005	0.89	0.11	0.16	
260872	1	20.3	2.22	137	57.1	15.45	8.56	3.57	4.17	5.21	1.64	0.005	0.89	0.12	0.15	
260873	1	43.9	4.89	302	60.0	13.45	13.10	2.48	1.52	4.00	2.31	<0.002	1.15	0.09	0.46	
260874	1	45.0	5.48	282	59.1	13.10	16.95	1.98	1.85	2.86	1.29	<0.002	1.12	0.11	0.46	
260875	1	45.0	4.88	296	59.8	13.30	12.95	3.58	1.48	3.98	2.33	<0.002	1.14	0.11	0.47	
260876	1	18.7	2.10	140	58.9	15.90	11.40	1.46	3.29	4.50	3.10	0.007	0.65	0.07	0.13	
260877	<1	17.5	1.84	139	58.9	15.80	10.55	3.25	3.16	3.13	3.32	0.007	0.64	0.06	0.12	
260878	1	16.4	1.82	123	56.8	15.80	10.55	5.63	3.67	2.33	1.92	0.004	0.79	0.10	0.12	
260879	1	17.3	1.94	141	59.6	15.80	7.50	3.89	3.12	4.46	1.51	0.007	0.64	0.09	0.13	
260880	1	20.2	2.02	157	57.1	18.20	7.74	5.68	2.78	5.13	1.65	0.008	0.72	0.10	0.13	
260881	1	18.4	1.88	181	61.0	14.65	7.08	4.89	3.74	3.94	2.44	0.019	0.73	0.09	0.20	



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 Account: NRAMNI

Project: LN\_EC Batch 20-004 Whole Rocks

**CERTIFICATE OF ANALYSIS SD20064213**

Sample Description	Method Analyte Units LOD	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	
		SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
260851		0.02	0.02	2.12	100.56	<0.5	<5	<0.5	29	8	10	1	100	<2	14	<10
260852		0.02	0.01	2.28	101.24	<0.5	<5	<0.5	27	73	10	1	64	<2	20	<10
260853		0.05	<0.01	2.67	100.09	<0.5	13	<0.5	25	24	10	1	53	2	32	<10
260854		0.01	0.02	2.78	101.41	<0.5	<5	<0.5	41	16	20	<1	221	2	21	<10
260855		0.02	0.01	2.37	100.93	<0.5	5	<0.5	51	95	10	<1	90	<2	38	<10
260856		0.01	<0.01	2.47	100.68	<0.5	5	<0.5	52	102	10	<1	93	<2	34	<10
260857		0.02	0.01	3.31	98.77	<0.5	13	<0.5	63	27	20	<1	311	2	15	<10
260858		0.02	0.02	2.31	99.26	<0.5	5	<0.5	25	54	20	1	62	2	17	<10
260859		0.02	0.05	1.82	99.74	<0.5	<5	<0.5	21	24	10	1	59	<2	16	<10
260860		0.02	0.01	2.03	101.45	<0.5	<5	<0.5	27	13	10	1	68	<2	17	<10
260861		0.02	0.06	1.73	101.30	<0.5	<5	<0.5	30	2	10	<1	49	3	19	<10
260862		0.01	0.01	3.14	100.03	<0.5	<5	<0.5	46	43	20	<1	93	<2	26	<10
260863		0.02	<0.01	4.03	100.48	<0.5	<5	<0.5	29	47	30	1	47	3	20	<10
260864		0.03	0.01	3.99	99.78	<0.5	<5	<0.5	55	100	20	<1	146	<2	32	<10
260865		0.05	<0.01	4.34	99.85	<0.5	<5	<0.5	43	71	10	<1	160	3	26	<10
260866		0.02	0.01	2.55	100.27	<0.5	<5	<0.5	54	93	10	1	157	<2	34	<10
260867		0.02	<0.01	3.64	100.44	<0.5	<5	<0.5	50	72	20	<1	137	<2	33	<10
260868		0.03	0.02	3.73	101.00	<0.5	<5	<0.5	29	62	10	1	58	2	19	<10
260869		0.02	0.02	1.91	100.86	<0.5	<5	<0.5	22	46	10	1	63	<2	17	<10
260870		0.01	0.03	2.83	99.36	<0.5	<5	<0.5	25	9	10	1	63	4	16	<10
260871		0.01	0.04	1.79	99.20	<0.5	5	<0.5	39	161	20	2	50	6	18	<10
260872		0.01	0.03	1.59	98.50	<0.5	<5	<0.5	43	4	20	2	51	3	18	<10
260873		<0.01	0.05	1.24	99.85	<0.5	<5	<0.5	26	147	20	2	2	3	25	<10
260874		<0.01	0.03	2.28	101.13	<0.5	<5	<0.5	18	19	30	1	<1	2	25	<10
260875		0.01	0.04	1.03	100.22	<0.5	<5	<0.5	16	38	20	1	2	4	26	<10
260876		0.01	0.03	1.37	100.82	0.5	<5	0.8	11	499	30	2	46	13	17	<10
260877		0.01	0.03	1.55	100.53	<0.5	<5	<0.5	14	236	30	<1	49	4	16	<10
260878		0.03	0.03	2.29	100.06	<0.5	<5	<0.5	31	34	30	1	56	3	19	<10
260879		0.01	0.03	4.24	101.03	<0.5	<5	<0.5	19	16	30	<1	48	<2	16	<10
260880		0.01	0.02	1.71	100.98	<0.5	<5	<0.5	22	46	20	1	43	2	18	<10
260881		0.04	0.09	1.40	100.31	<0.5	<5	<0.5	25	18	20	<1	71	9	15	<10



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Project: LN\_EC Batch 20-004 Whole Rocks

**CERTIFICATE OF ANALYSIS SD20064213**

Sample Description	Method Analyte Units LOD	ME-4ACD81	S-IR08	CRU-QC	PUL-QC
		Zn ppm	S %	Pass2mm %	Pass75um %
		2	0.01	0.01	0.01
260851		40	0.01	81.9	93.2
260852		63	0.01		92.9
260853		32	0.01		
260854		61	0.01		
260855		101	0.08		
260856		113	0.10		
260857		75	0.03		
260858		63	0.02		
260859		52	0.01		
260860		46	0.01		
260861		79	<0.01		
260862		127	0.01		
260863		95	0.01		
260864		103	0.43		
260865		79	0.04		
260866		97	0.07		
260867		113	0.10		
260868		78	0.01		
260869		76	0.02		
260870		86	0.01		
260871		64	0.02		
260872		89	<0.01		
260873		61	0.04		
260874		45	0.05		
260875		40	0.16		
260876		120	0.08		
260877		46	0.06		
260878		43	0.09		
260879		39	0.05		
260880		50	0.20		
260881		32	0.10		



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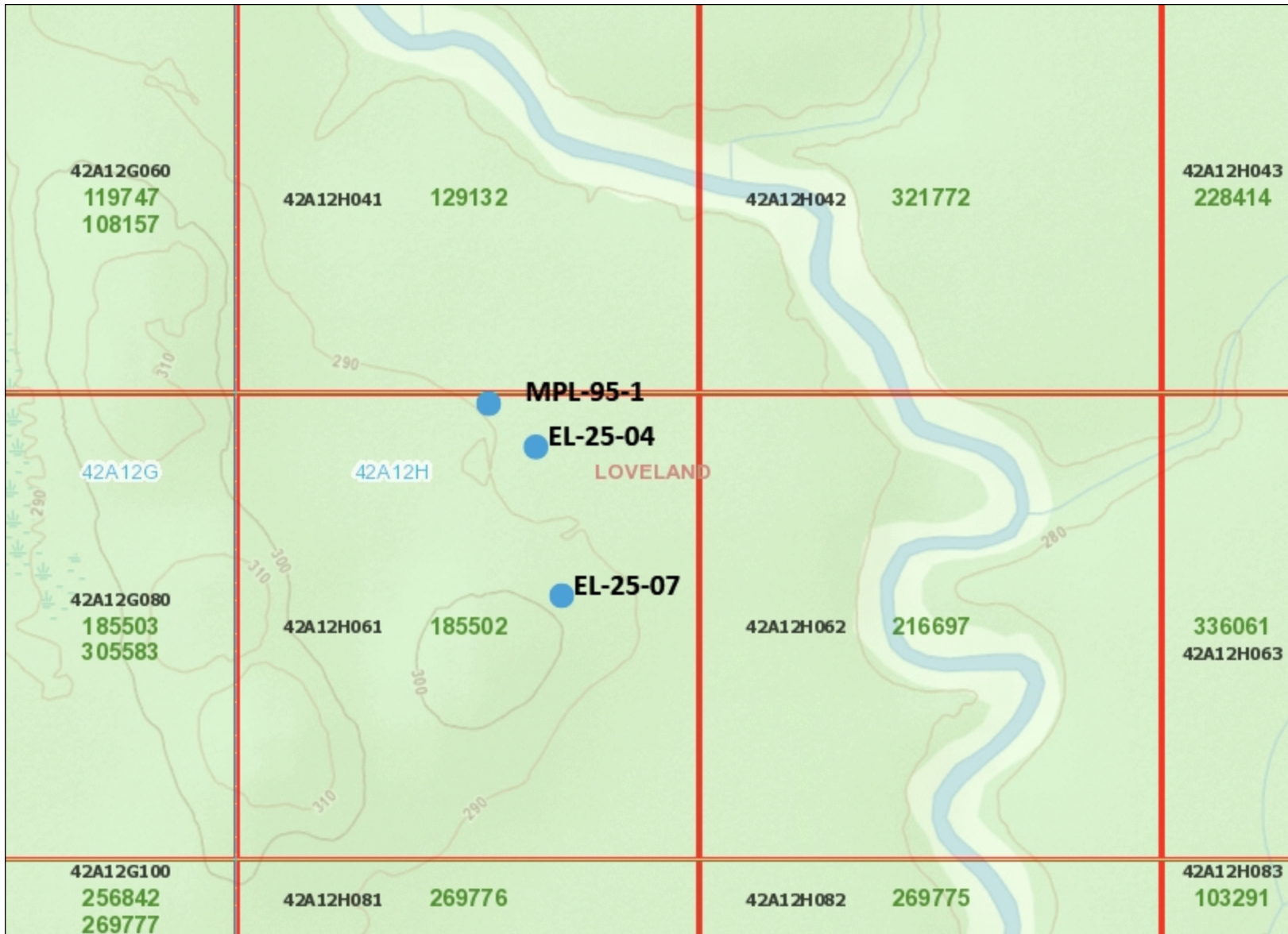
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Project: LN\_EC Batch 20-004 Whole Rocks

**CERTIFICATE OF ANALYSIS SD20064213**

CERTIFICATE COMMENTS									
	<b>LABORATORY ADDRESSES</b>								
Applies to Method:	<p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table border="0"> <tr> <td>CRU-31</td> <td>CRU-QC</td> <td>LOG-22</td> <td>PUL-31</td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	PUL-31	PUL-QC	SPL-21	WEI-21	
CRU-31	CRU-QC	LOG-22	PUL-31						
PUL-QC	SPL-21	WEI-21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>ME-4ACD81</td> <td>ME-ICP06</td> <td>ME-MS81</td> <td>OA-GRA05</td> </tr> <tr> <td>PGM-ICP23</td> <td>S-IR08</td> <td>TOT-ICP06</td> <td></td> </tr> </table>	ME-4ACD81	ME-ICP06	ME-MS81	OA-GRA05	PGM-ICP23	S-IR08	TOT-ICP06	
ME-4ACD81	ME-ICP06	ME-MS81	OA-GRA05						
PGM-ICP23	S-IR08	TOT-ICP06							



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Energy, Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Energy, Northern Development and Mines web site.

0 0.30 km

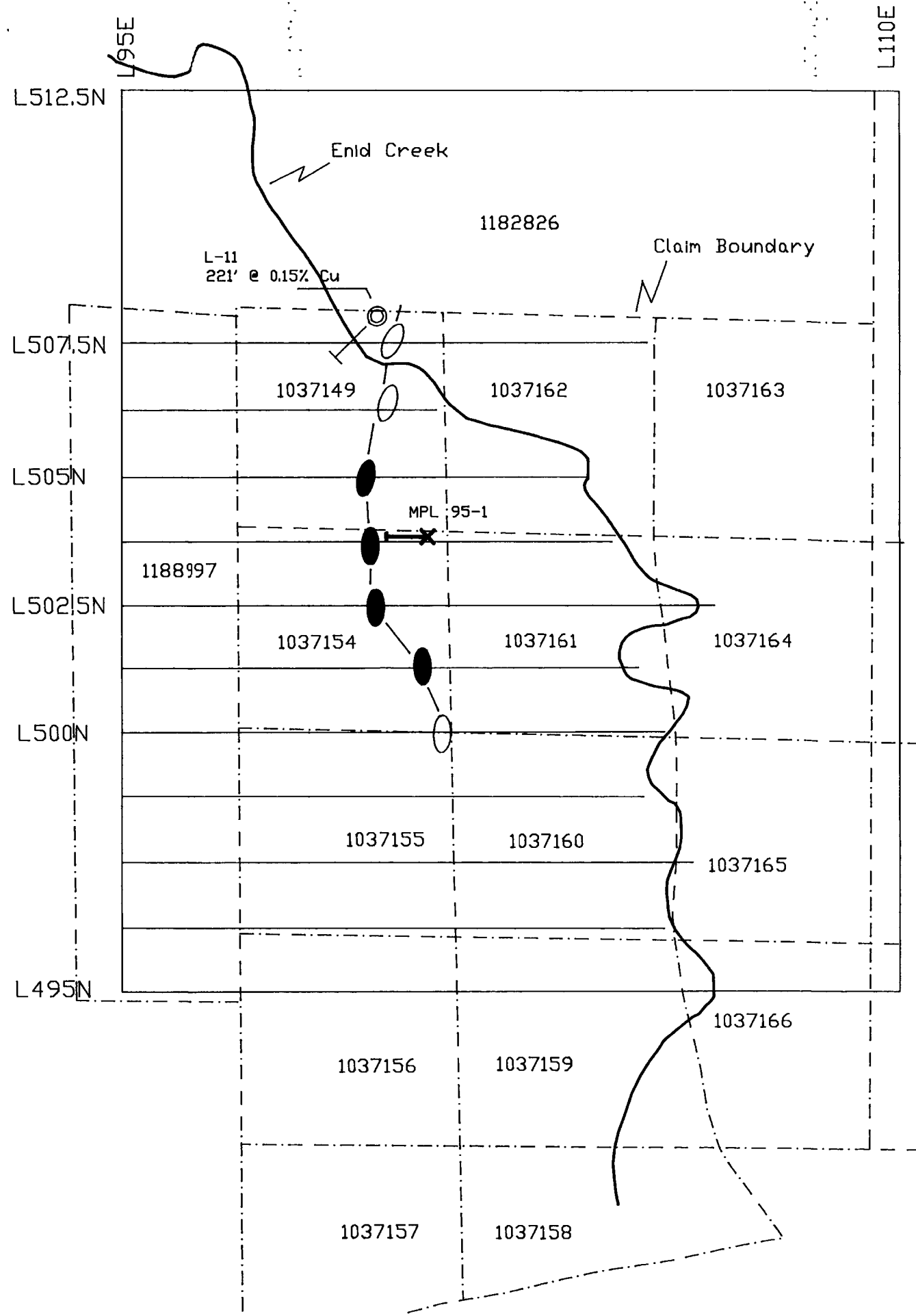
Projection: Web Mercator



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- — ○ TEM Anomaly Trend  
definite, possible
- ⊞ Collar, surface projection  
of hole MPL 95-1

Hole MPL 95-1 was collared at 5388965N, 454225E. It was drilled to a depth of 140 m at  $-55^\circ$  with NQ core.

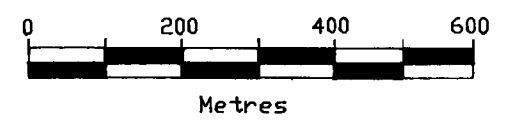
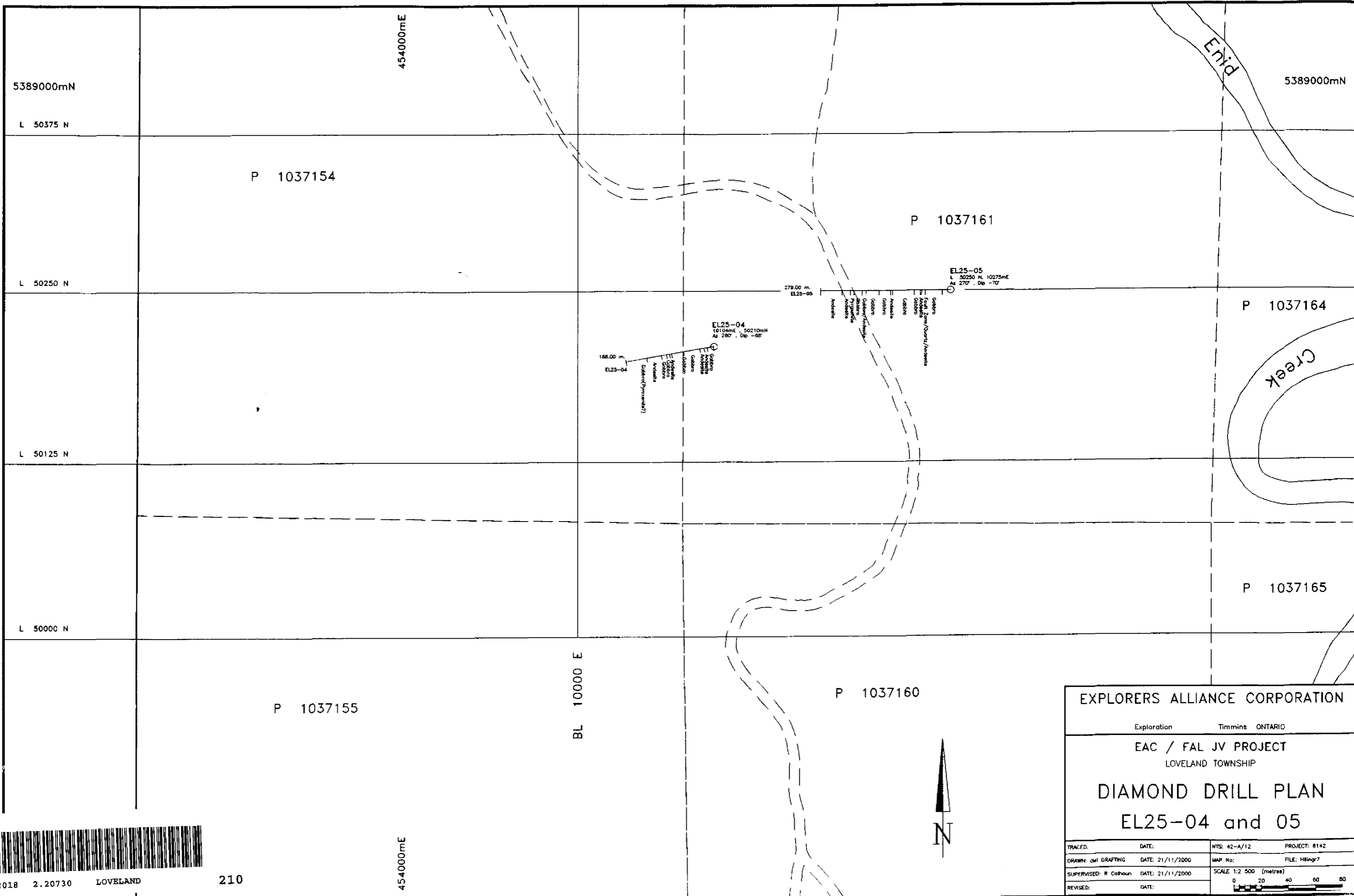


Figure 3: Location of the conductor and drill hole MPL 95-1





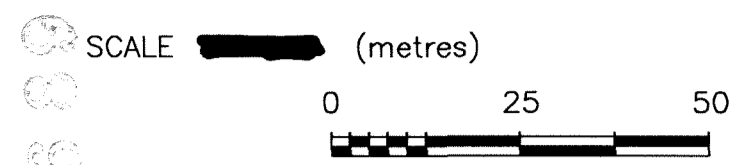
42A12NE2018 2.20730 LOVELAND

EXPLORERS ALLIANCE CORPORATION			
Exploration		Timmins ONTARIO	
EAC / FAL JV PROJECT			
LOVELAND TOWNSHIP			
DIAMOND DRILL PLAN			
EL25-04 and 05			
TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 21/11/2000	MAP No:	FILE: Hllng7
SUPERVISED: R Calhoun	DATE: 21/11/2000	SCALE 1:2 500 (metres)	
REVISED:	DATE:	0 20 40 60 80	



EXPLORERS ALLIANCE CORPORATION  
ENID CREEK PROJECT

GEOLOGICAL COMPILATION



P 1037162



L 50625 N

454100mE

P 1037149

L 50500 N

5389000mN

P 1037161

5389000mN

L 50375 N

P 1037154

L 50250 N

EL25-06

L 50200 N, 10325mE  
Az 270°, Dip -70°

EL25-07

L 50185 N, 10150mE  
Az 213°, Dip -60°

255.00 m.

EL25-06

150.00 m.

EL25-07

186.00 m.

EL25-08

EL25-08

L 50150 N, 10250mE  
Az 270°, Dip -70°

L 50125 N

5388700mN

P 1037155

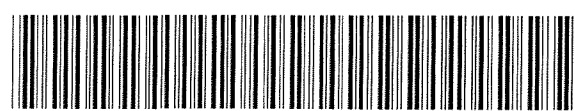
BL 10000 E

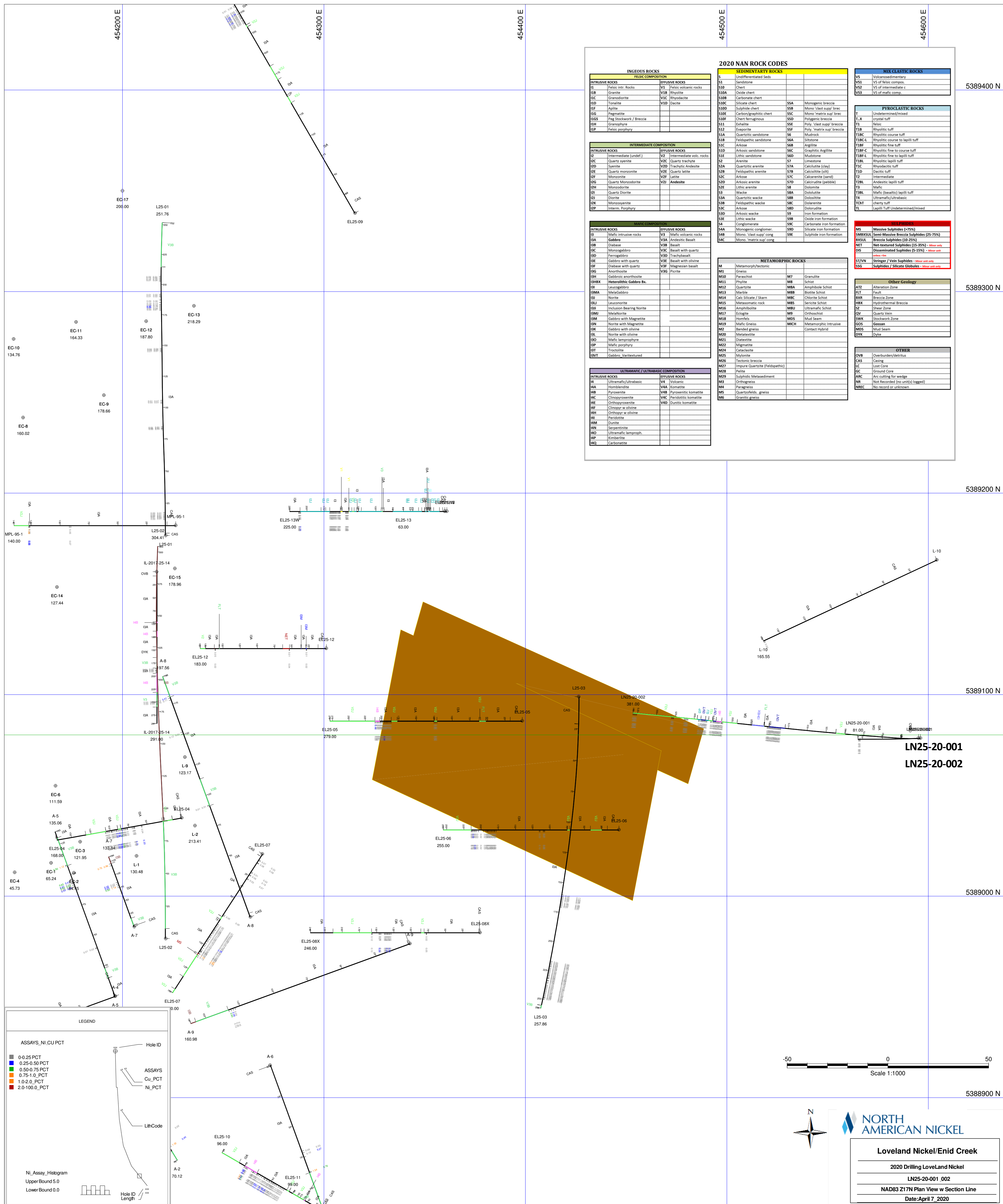
L 50000 N

454100mE

P 1037160

FILE : ENIDCR8





INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I1	Felsic intr. Rocks	VI	Felsic volcanic rocks
I2	Granite	VI8	Rhyolite
I3	Granodiorite	VI1	Rhyodacite
I4	Tonalite	VI2	Dacite
I5	Andite		
I6	Granophyre		
I7	Felsic porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I8	Intermediate (undef.)	VI3	Intermediate volc. rocks
I9	Quartz syenite	VI4	Quartz trachyte
I10	Syenite	VI5	Trachytic Andesite
I11	Quartz monzonite	VI6	Quartz latite
I12	Monzonite	VI7	Latite
I13	Quartz Monzoniorite	VI8	Andesite
I14	Monzoniorite		
I15	Quartz Diorite		
I16	Diorite		
I17	Monzonite		
I18	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I19	Mafic intrusive rocks	VI9	Mafic volcanic rocks
I20	Gabbro	VI10	Andesitic Basalt
I21	Diabase	VI11	Basalt
I22	Monzogabbro	VI12	Basalt with quartz
I23	Ferrogabbro	VI13	Trachybasalt
I24	Gabbro with quartz	VI14	Basalt with olivine
I25	Diabase with quartz	VI15	Magnesian basalt
I26	Anorthosite	VI16	Picrite
I27	Gabbroic anorthosite		
I28	Heterolithic Gabbro Bx.		
I29	Leucogabbro		
I30	Melagabbro		
I31	Norite		
I32	Leuconorite		
I33	Inclusion Bearing Norite		
I34	Melakhorite		
I35	Gabbro with Magnetite		
I36	Norite with Magnetite		
I37	Gabbro with olivine		
I38	Norite with olivine		
I39	Mafic lamprophyre		
I40	Mafic porphyry		
I41	Tracholite		
I42	Gabbro_Vantextured		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I43	Ultramafic/ultrabasic	VI17	Volcanic
I44	Hornblende	VI18	Komatite
I45	Pyroxenite	VI19	Pyroxenitic komatite
I46	Chloropyroxenite	VI20	Peridotitic komatite
I47	Orthopyroxenite	VI21	Dunitic komatite
I48	Chloropyr w olivine		
I49	Orthopyr w olivine		
I50	Peridotite		
I51	Dunite		
I52	Serpentinite		
I53	Ultramafic lamproph.		
I54	Kimberlite		
I55	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
S10G	Chert siliceous
S10H	Exhalite
S10I	Evaporite
S10J	Quartzitic sandstone
S10K	Mudrock
S10L	Feldspathic sandstone
S10M	Siltstone
S10N	Arkose
S10O	Arkasic sandstone
S10P	Lithic sandstone
S10Q	Mudstone
S10R	Arenite
S10S	Quartzitic arenite
S10T	Feldspathic arenite
S10U	Arkasic arenite
S10V	Lithic arenite
S10W	Wacke
S10X	Quartzitic wacke
S10Y	Feldspathic wacke
S10Z	Arkasic wacke
S10AA	Lithic wacke
S10AB	Conglomerate
S10AC	Mono. 'matrix sup' cong.
S10AD	Mono. 'matrix sup' cong.

SEDIMENTARY ROCKS	
S10	Undifferentiated Seds
S11	Sandstone
S12	Chert
S13	Oolite chert
S14	Carbonate chert
S15	Silicate chert
S16	Sulphide chert
S17	Carbon/graphitic chert
S18	Chert ferruginous
S19	Chert siliceous
S20	Exhalite
S21	Evaporite
S22	Quartzitic sandstone
S23	Mudrock
S24	Feldspathic sandstone
S25	Siltstone
S26	Arkose
S27	Arkasic sandstone
S28	Lithic sandstone
S29	Mudstone
S30	Arenite
S31	Quartzitic arenite
S32	Feldspathic arenite
S33	Arkasic arenite
S34	Lithic arenite
S35	Wacke
S36	Quartzitic wacke
S37	Feldspathic wacke
S38	Arkasic wacke
S39	Lithic wacke
S40	Conglomerate
S41	Mono. 'matrix sup' cong.
S42	Mono. 'matrix sup' cong.

MIX CLASTIC ROCKS	
V5	Volcanosedimentary
V51	V5 of felsic compos.
V52	V5 of intermediate c
V53	V5 of mafic comp.

PYROCLASTIC ROCKS	
T	Undetermined/mixed
T-X	Crystal tuff
T1	felsic
T1B	Rhyolitic tuff
T1BC	Rhyolitic coarse tuff
T1BCL	Rhyolitic coarse to lapilli tuff
T1BF	Rhyolitic fine tuff
T1BF-C	Rhyolitic fine to coarse tuff
T1BF-L	Rhyolitic fine to lapilli tuff
T1C	Rhyolitic lapilli tuff
T1D	Dacitic tuff
T2	Intermediate
T2BL	Andesitic lapilli tuff
T3	Mafic
T3BL	Mafic (basaltic) lapilli tuff
T4	Ultramafic/ultrabasic
T4CH	cherty tuff
TL	Lapilli Tuff Undetermined/mixed

SULPHIDES	
S5	Massive Sulphides (0-25%)
S5XSL	Semi-Massive Breccia Sulphides (25-75%)
S5XSL	Breccia Sulphides (10-25%)
NET	Net-textured Sulphides (15-35%) - <i>Miner only</i>
D5	Disseminated Sulphides (5-15%) - <i>Miner only</i>
ST/VN	Stringer / Vein Sulphides - <i>Miner unit only</i>
SSG	Sulphides / Silicate Globules - <i>Miner unit only</i>

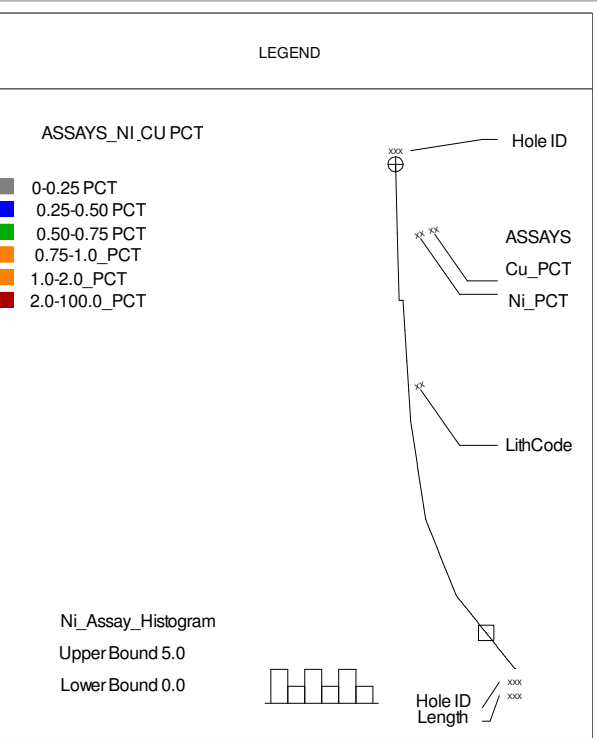
METAMORPHIC ROCKS	
M1	Metamorph/Tectonic
M11	Gneiss
M10	Paraschist
M11	Phyllite
M12	Quartzite
M13	Marble
M14	Calc Silicate / Skarn
M15	Metasomatic rock
M16	Amphibolite
M17	Eclogite
M18	Homfels
M19	Mafic Gneiss
M2	Banded gneiss
M20	Metabelite
M21	Diatexite
M22	Migmatite
M23	Carapelite
M24	Mylonite
M25	Mylonite
M26	Tectonic breccia
M27	Impure Quartzite (feldspathic)
M28	Feelite
M29	Sulphidic Metasediment
M3	Orthogneiss
M4	Paragneiss
M5	Quartzofelds. gneiss
M6	Granitic gneiss
M7	Granulite
M8	Schist
M9	Amphibole Schist
M10	Biotite Schist
M11	Chlorite Schist
M12	Sericite Schist
M13	Ultramafic Schist
M14	Orthoschist
M15	Mud Seam
M16	Metamorphic Intrusive
M17	Contact Hybrid
M18	Sulphide iron formation
M19	Silicate iron formation

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



-50 0 50  
Scale 1:1000

5388900 N

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

454000 E

454100 E

454200 E

454300 E

INGEIOUS ROCKS		2020 NAN ROCK CODES		
<b>FELSIC COMPOSITION</b>		<b>SEDIMENTARY ROCKS</b>		
<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>	<b>S</b>	Undifferentiated Sed.	
I1	Felsic intr. Rocks	V1	Sandstone	
I1B	Granite	V1B	Chert	
I1C	Granodiorite	V1C	Quartz chert	
I1D	Tonalite	V1D	Carbonate chert	
I1F	Apfite	V1F	Silicate chert	
I1G	Pegmatite	V1G	Sulphide chert	
I1GS	Peg Stockwork / Breccia	V1GS	Carbon/graphitic chert	
I1H	Granophyre	V1H	Chart ferruginous	
I1P	Felsic porphyry	V1P	Exhalite	
<b>INTERMEDIATE COMPOSITION</b>		<b>MIX CLASTIC ROCKS</b>		
<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>	<b>V5</b>	Volcanosedimentary	
I2	Intermediate (undef.)	V51	V5 of felsic compos.	
I2C	Quartz syenite	V52	V5 of intermediate c	
I2D	Syenite	V53	V5 of mafic comp.	
I2E	Quartz monzonite	<b>PYROCLASTIC ROCKS</b>		
I2F	Monzonite	<b>T</b>	Undetermined/mixed	
I2G	Quartz Monzoniorite	T-X	Crystal tuff	
I2H	Monzoniorite	T1	felsic	
I2I	Quartz Diorite	T1B	Rhyolitic tuff	
I2J	Diorite	T1C	Rhyolitic coarse tuff	
I2K	Monzoniorite	T1BCL	Rhyolitic coarse to lapilli tuff	
I2P	Interm. Porphyry	T1BF	Rhyolitic fine tuff	
<b>MAFIC COMPOSITION</b>		<b>T1BF-C</b>		Rhyolitic fine to coarse tuff
<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>	<b>T1BF-L</b>		Rhyolitic fine to lapilli tuff
I3	Mafic intrusive rocks	<b>T1B</b>		Rhyolitic lapilli tuff
I3A	Gabbro	<b>T1D</b>		Dacitic tuff
I3B	Diabase	<b>T1BCL</b>		Rhyolitic coarse to lapilli tuff
I3C	Monzogabbro	<b>T1BF</b>		Rhyolitic fine tuff
I3D	Ferrogabbro	<b>T2</b>		Intermediate
I3E	Gabbro with quartz	<b>T2BL</b>		Andesitic lapilli tuff
I3F	Diabase with quartz	<b>T3</b>		Mafic
I3G	Anorthosite	<b>T3BL</b>		Mafic (basaltic) lapilli tuff
I3H	Gabbroic anorthosite	<b>T4</b>		Ultramafic/ultrabasic
I3HXB	Heterolithic Gabbro Bx.	<b>TCHT</b>		cherty tuff
I3I	Leucogabbro	<b>TL</b>		Lapilli Tuff Undetermined/mixed
I3MA	Melicogabbro	<b>S4</b>		Conglomerate
I3J	Norite	<b>S4A</b>		Mono. clast sup. brecc.
I3J1	Leuconorite	<b>S4B</b>		Mono. 'matrix sup' brecc.
I3J2	Inclusion Bearing Norite	<b>S4C</b>		Mono. 'matrix sup' cong.
I3M1	Melakhorite	<b>S5</b>		Wacke
I3M	Gabbro with Magnetite	<b>S5A</b>		Arkose
I3N	Norite with Magnetite	<b>S5B</b>		Arkose arenite
I3K	Gabbro with olivine	<b>S5C</b>		Lithic arenite
I3L	Norite with olivine	<b>S5D</b>		Quartzitic arenite
I3O	Mafic lamprophyre	<b>S5E</b>		Quartzitic arenite
I3P	Mafic porphyry	<b>S5F</b>		Quartzitic arenite
I3T	Troctolite	<b>S5G</b>		Quartzitic arenite
I3VT	Gabbro_Van textured	<b>S5H</b>		Quartzitic arenite
<b>ULTRAMAFIC / ULTRABASIC COMPOSITION</b>		<b>S5I</b>		Quartzitic arenite
<b>INTRUSIVE ROCKS</b>	<b>EFFUSIVE ROCKS</b>	<b>S5J</b>		Quartzitic arenite
I4	Ultramafic/ultrabasic	<b>S5K</b>		Quartzitic arenite
I4A	Hornblende	<b>S5L</b>		Quartzitic arenite
I4B	Pyroxenite	<b>S5M</b>		Quartzitic arenite
I4C	Chloropyroxenite	<b>S5N</b>		Quartzitic arenite
I4E	Orthopyroxenite	<b>S5O</b>		Quartzitic arenite
I4F	Chloropyroxenite	<b>S5P</b>		Quartzitic arenite
I4H	Orthopyroxenite	<b>S5Q</b>		Quartzitic arenite
I4I	Peridotite	<b>S5R</b>		Quartzitic arenite
I4M	Dunite	<b>S5S</b>		Quartzitic arenite
I4N	Serpentinized	<b>S5T</b>		Quartzitic arenite
I4O	Ultramafic lamproph.	<b>S5U</b>		Quartzitic arenite
I4P	Kimberlite	<b>S5V</b>		Quartzitic arenite
I4Q	Carbonatite	<b>S5W</b>		Quartzitic arenite
<b>METAMORPHIC ROCKS</b>		<b>S5X</b>		Quartzitic arenite
<b>M1</b>	Metamorph/tectonic	<b>S5Y</b>		Quartzitic arenite
<b>M11</b>	Gneiss	<b>S5Z</b>		Quartzitic arenite
<b>M10</b>	Paraschist	<b>S6A</b>		Arkose
<b>M11</b>	Phyllite	<b>S6B</b>		Arkose arenite
<b>M12</b>	Quartzite	<b>S6C</b>		Lithic arenite
<b>M13</b>	Marble	<b>S6D</b>		Quartzitic arenite
<b>M14</b>	Calc. Silicate / Skarn	<b>S6E</b>		Quartzitic arenite
<b>M15</b>	Metasomatic rock	<b>S6F</b>		Quartzitic arenite
<b>M16</b>	Amphibolite	<b>S6G</b>		Quartzitic arenite
<b>M17</b>	Eclogite	<b>S6H</b>		Quartzitic arenite
<b>M18</b>	Homfels	<b>S6I</b>		Quartzitic arenite
<b>M19</b>	Mafic Gneiss	<b>S6J</b>		Quartzitic arenite
<b>M2</b>	Banded gneiss	<b>S6K</b>		Quartzitic arenite
<b>M20</b>	Metabelite	<b>S6L</b>		Quartzitic arenite
<b>M21</b>	Diatexite	<b>S6M</b>		Quartzitic arenite
<b>M22</b>	Migmatite	<b>S6N</b>		Quartzitic arenite
<b>M24</b>	Carapelite	<b>S6O</b>		Quartzitic arenite
<b>M25</b>	Mylonite	<b>S6P</b>		Quartzitic arenite
<b>M26</b>	Tectonic breccia	<b>S6Q</b>		Quartzitic arenite
<b>M27</b>	Impure Quartzite (feldspathic)	<b>S6R</b>		Quartzitic arenite
<b>M28</b>	Feelite	<b>S6S</b>		Quartzitic arenite
<b>M29</b>	Sulphidic Metasediment	<b>S6T</b>		Quartzitic arenite
<b>M3</b>	Orthogneiss	<b>S6U</b>		Quartzitic arenite
<b>M4</b>	Paragneiss	<b>S6V</b>		Quartzitic arenite
<b>M5</b>	Quartzofeldspathic gneiss	<b>S6W</b>		Quartzitic arenite
<b>M6</b>	Granitic gneiss	<b>S6X</b>		Quartzitic arenite
<b>Other Geology</b>		<b>S6Y</b>		Quartzitic arenite
<b>ATZ</b>	Alteration Zone	<b>S6Z</b>		Quartzitic arenite
<b>BT</b>	Basalt	<b>S7A</b>		Arkose
<b>BXR</b>	Breccia Zone	<b>S7B</b>		Arkose arenite
<b>HBX</b>	Hydrothermal Breccia	<b>S7C</b>		Lithic arenite
<b>SZ</b>	Shear Zone	<b>S7D</b>		Quartzitic arenite
<b>QV</b>	Quartz Vein	<b>S7E</b>		Quartzitic arenite
<b>SKW</b>	Stockwork Zone	<b>S7F</b>		Quartzitic arenite
<b>GOS</b>	Gossan	<b>S7G</b>		Quartzitic arenite
<b>MDS</b>	Mud Seam	<b>S7H</b>		Quartzitic arenite
<b>DKV</b>	Dyke	<b>S7I</b>		Quartzitic arenite
<b>OTHER</b>		<b>S7J</b>		Quartzitic arenite
<b>OVb</b>	Overburden/detritus	<b>S7K</b>		Quartzitic arenite
<b>CAS</b>	Casing	<b>S7L</b>		Quartzitic arenite
<b>LC</b>	Lost Core	<b>S7M</b>		Quartzitic arenite
<b>GC</b>	Ground Core	<b>S7N</b>		Quartzitic arenite
<b>ARC</b>	Arc cutting for wedge	<b>S7O</b>		Quartzitic arenite
<b>NR</b>	Not Recorded (no unit(s) logged)	<b>S7P</b>		Quartzitic arenite
<b>NREC</b>	No record or unknown	<b>S7Q</b>		Quartzitic arenite

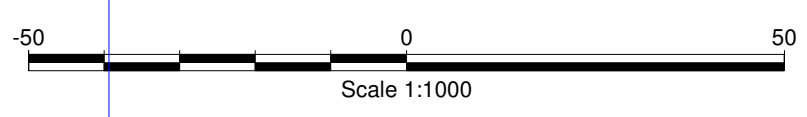
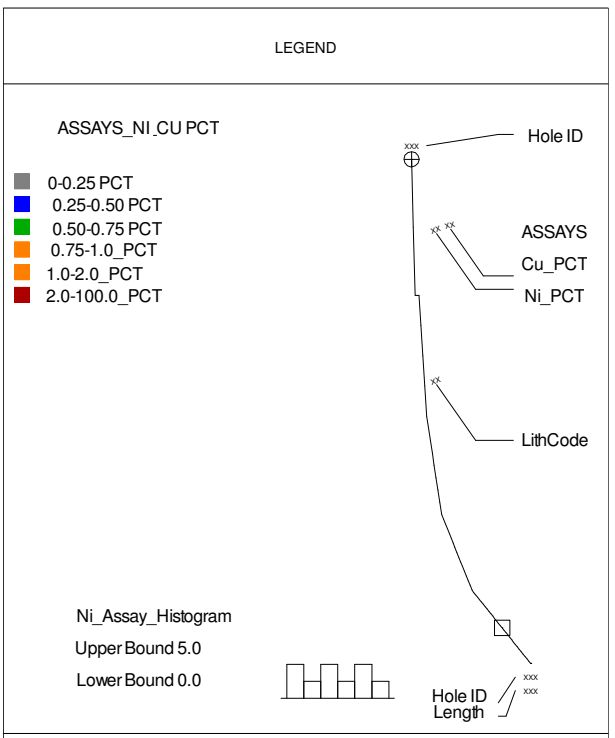
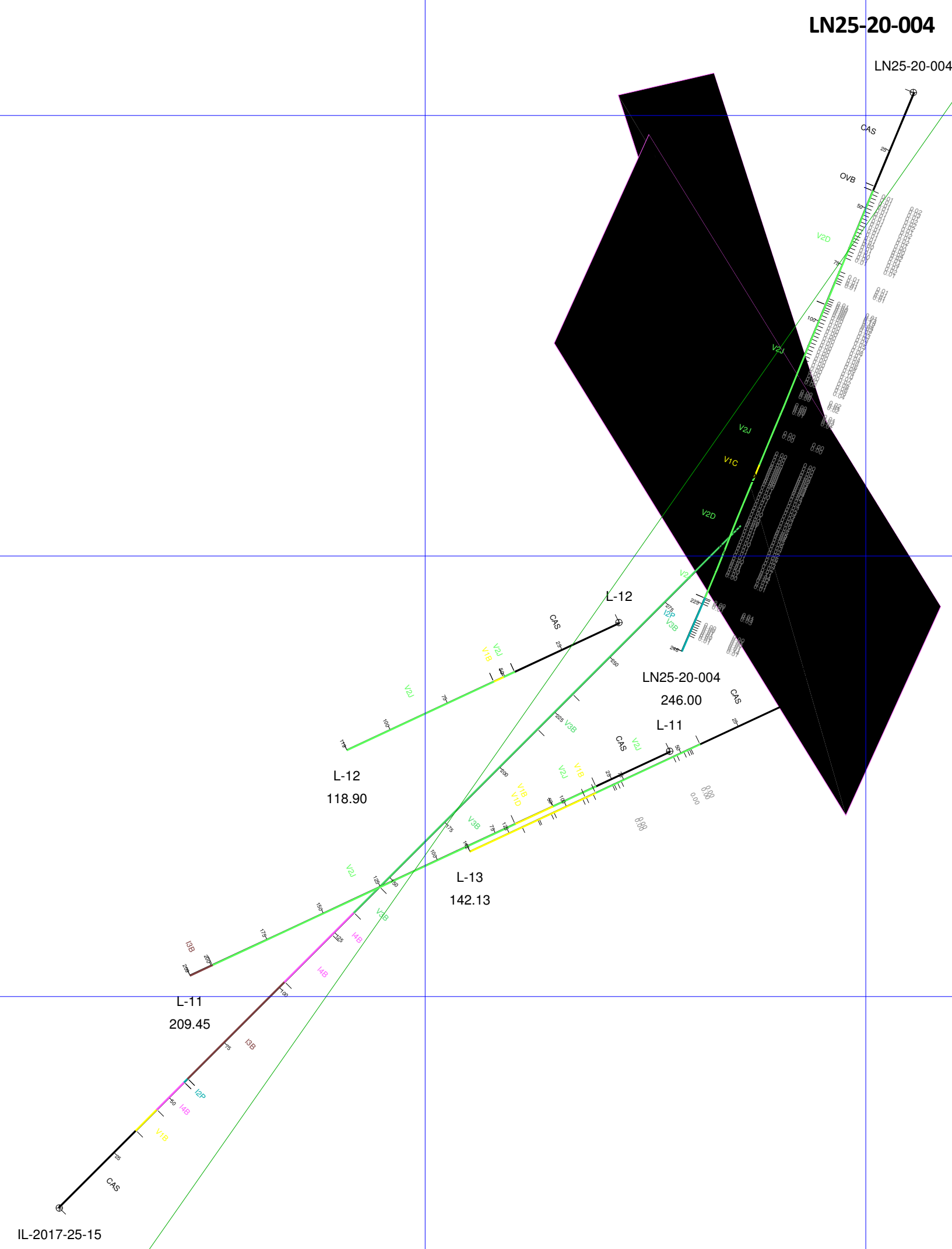
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**NORTH AMERICAN NICKEL**

**Loveland Nickel/Enid Creek**

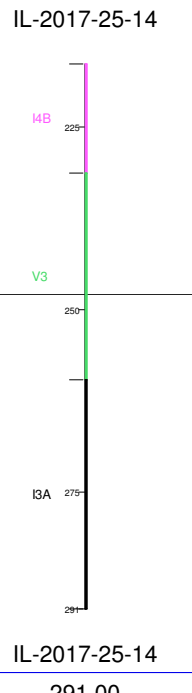
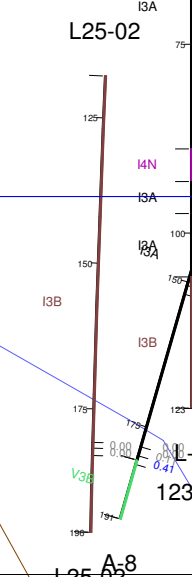
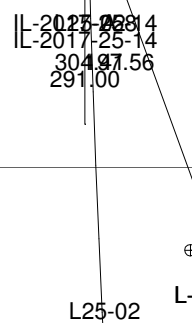
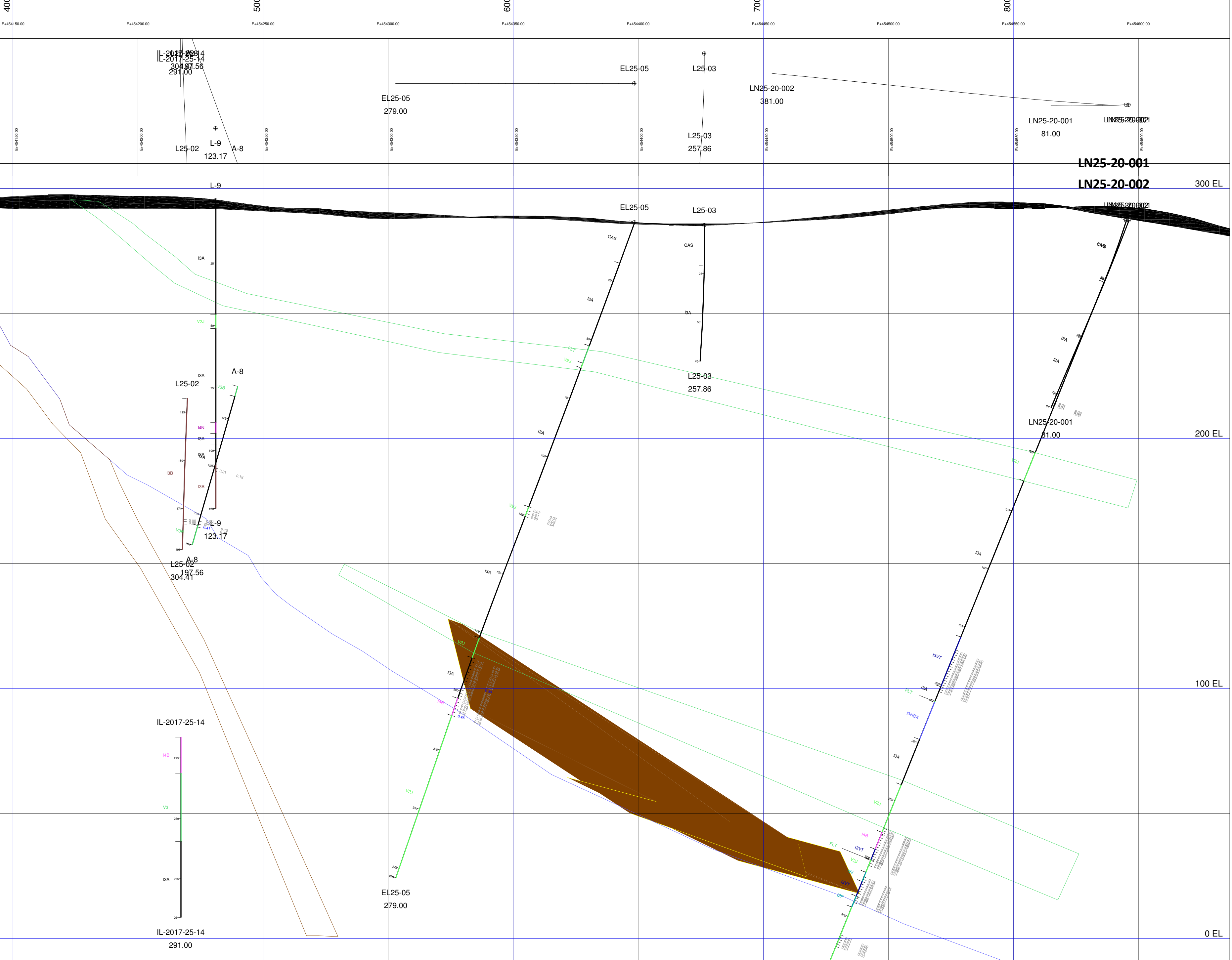
2020 Drilling Loveland Nickel

LN25-20-004 with BHEM Plates

NAD83 Z17N Plan View w Section Line at 035°

Date: April 16, 2020





**2020 NAN ROCK CODES**

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 Monzoniorite	V2G	Andesite
I2H	Monodorite		
I2I	Quartz Diorite		
I2J	Diorite		
I2K	Monopyroxene		
I2P	Interm. Porphyry		

INTRUSIVE ROCKS		EFFUSIVE ROCKS	
I3	Mafic intrusives 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		
I3O	Norite with Magnetite		
I3P	Gabbro with olivine		
I3Q	Norite with olivine		
I3R	Mafic lamprophyre		
I3S	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	Pseudotachite komatite
I4E	Orthopyroxenite	V4E	Dunite komatite
I4F	Clinopyrox w. olivine		
I4H	Orthopyrox w. olivine		
I4I	Panellite		
I4M	Serpentinite		
I4D	Ultramafic lamproph.		
I4P	Kimberlite		
I4Q	Carbonatite		

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	Arkosic sandstone	S6C	Graphitic Argillite
S1E	Lithic sandstone	S6D	Mudstone
S2	Arenite	S7	Limestone
S2A	Quartzitic arenite	S7A	Calciolite (clay)
S2B	Feldspathic arenite	S7B	Calciolite (silt)
S2C	Arkose	S7C	Calcarenite (sand)
S2D	Arkosic arenite	S7D	Calciolite (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		

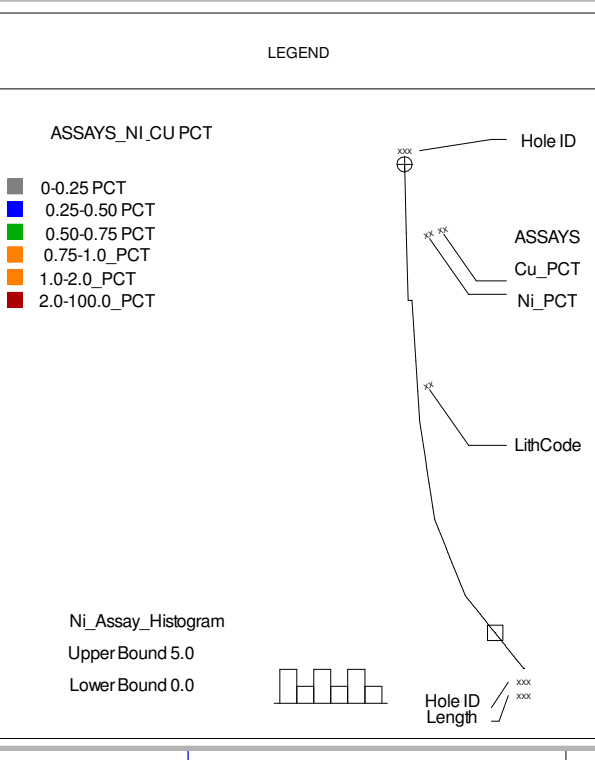
PYROCLASTIC ROCKS		SULPHIDES	
T	Undetermined/mixed	MS	Massive Sulphides (>75%)
T-X	crystal tuff	SMRKSUL	Semi-Massive Breccia Sulphides (25-75%)
T1	Felsic	BKSUL	Breccia Sulphides (10-25%)
T1B	Rhyolitic tuff	NET	Not-textured Sulphides (15-35%) - Minor units
T1BC	Rhyolitic coarse tuff	DIS	Disseminated Sulphides (5-15%) - Minor units
T1BC-L	Rhyolitic coarse to lapilli tuff		
T1BCL	Rhyolitic coarse to lapilli tuff		
T1BF	Rhyolitic fine tuff		
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		
T2B	Andesitic lapilli tuff		
T3	Mafic		
T3BL	Mafic (basaltic) lapilli tuff		
T4	Ultramafic/ultrabasic		
TCAT	cherty tuff		
TL	Lapilli Tuff Undetermined/mixed		

METAMORPHIC ROCKS		Other Geology	
M	Metamorph/tectonic	ATZ	Alteration Zone
M1	Gneiss	FLT	Fault
M10	Paraschist	BR	Breccia Zone
M11	Phyllite	HXX	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	Eclogite	MNCX	Metamorphic Intrusive
M18	Hornfels	DKS	Mud Seam
M19	Mafic Gneiss	DYK	Dike
M20	Banded gneiss		
M21	Metaxenite		
M22	Diatomite		
M23	Magnetite		
M24	Cataclastite		
M25	Mylonite		
M26	Tactonic breccia		
M27	Impure Quartzite (Feldspathic)		
M28	Pelite		
M29	Sulphidic Metasediment		
M3	Orthogneiss		
M4	Paragneiss		
M5	Quartzofelds. gneiss		
M6	Granitic gneiss		

ULTRAMAFIC / ULTRABASIC COMPOSITION	
I4	Ultramafic/ultrabasic
I4A	Hornblende
I4B	Pyroxenite
I4C	Clinopyroxenite
I4E	Orthopyroxenite
I4F	Clinopyrox w. olivine
I4H	Orthopyrox w. olivine
I4I	Panellite
I4M	Serpentinite
I4D	Ultramafic lamproph.
I4P	Kimberlite
I4Q	Carbonatite



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



crone

## Crone Pulse-EM Survey

North American Nickel  
Loveland

*Geophysical Survey & Logistics Report  
March 2020*

Conducted by:  
Crone Geophysics & Exploration Ltd.



crone



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## INTRODUCTION

Crone Geophysics & Exploration Limited was contracted by North American Nickel to conduct borehole electromagnetic surveys on its Loveland property located near Timmins, Ontario. This report summarizes the geophysical work carried out in March 2020.

Two (2) holes utilizing two (2) transmitter loops were surveyed during this period. The appendix to this report contains page size plan maps, section maps, linear scale data profiles, logarithmic scale data profiles, and step response profiles.

Borehole location maps and survey extents are presented in Figures 1 and 2.



FIGURE 1: LOVELAND GENERAL MAP LOCATION

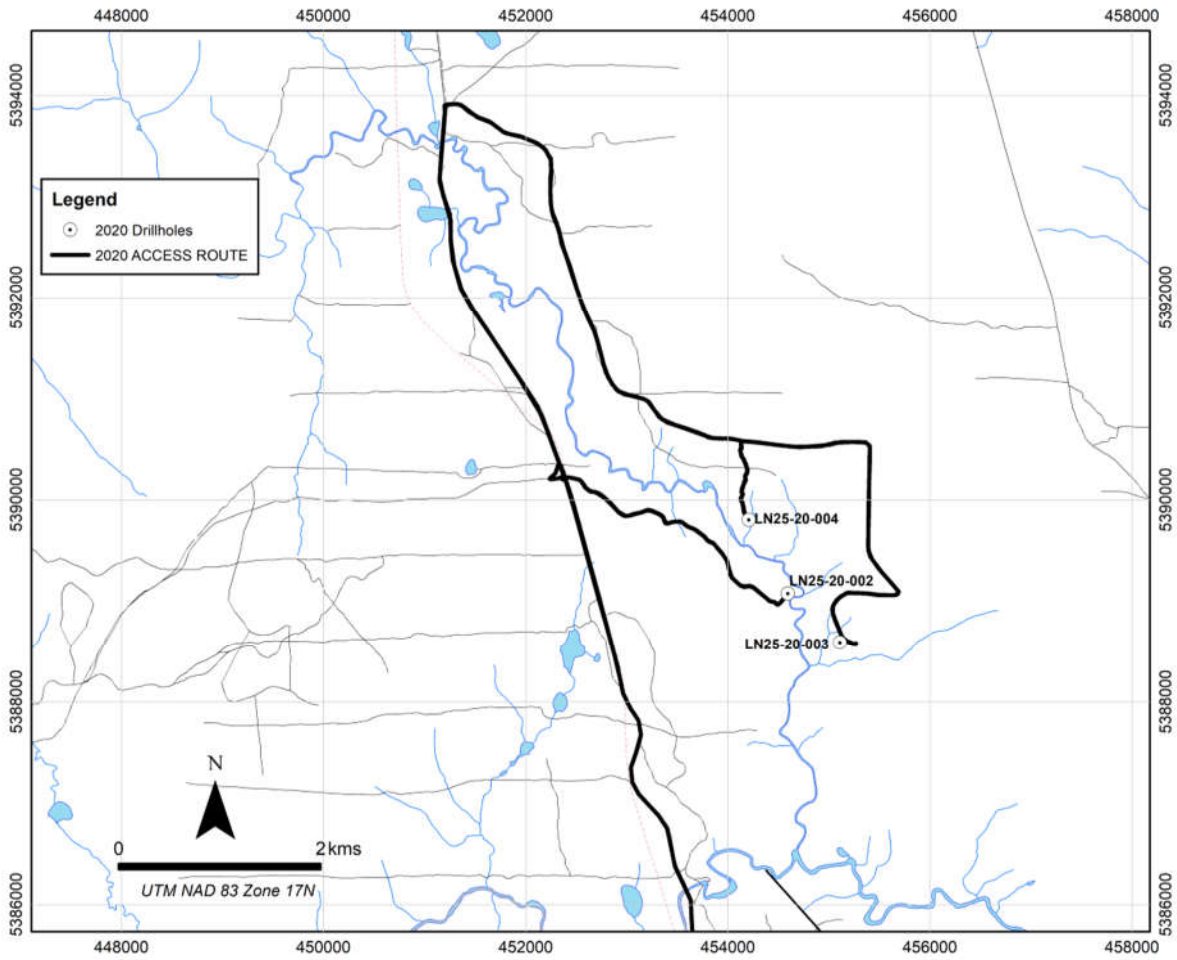


FIGURE 2: DETAIL BOREHOLE LOCATIONS



## PERSONNEL

The personnel involved in this project during the reporting period include:

Survey Operators: William Christopher

Data Processing: Mark Hunter

Report: Norman Shieh

## EQUIPMENT



### Pulse-EM Transmitter

- 4.8kW for up to 30 amps in single or 60 amps in dual modes
- Timebases: 8.33ms to 2000ms
- Ramp Settings: Fast Ramp, 0.5ms, 1.0ms or 1.5ms
- Powered by standard motor generator
- Current control and monitoring with optional loop damping
- Auto Shutdown and grounded case for safety



### Pulse-EM CDR2 Receiver

- 26-Bit equivalent A/D resolution
- Programmable gate configurations and optional full waveform
- Crone *Smartstacking* algorithm
- Sampling rate: 250K samples/second | Sampling Interval: 4 $\mu$ s
- Precision crystal oscillator or cable synchronization



### Pulse-EM Induction Probes

- Measures dB/dt in 3 components
- Ferrite Cored Induction Sensor
- Pressure tested to 2800m
- RAD Tool orientation with 3 Axis Magnetometer and 3 Axis Accelerometer



## SURVEY METHODS

Crone Pulse-EM is a time domain electromagnetic method in which a precise pulse of current with a controlled linear shut off is transmitted through a large loop of wire on the ground and the rate of decay (dB/dt) of the induced secondary field is measured across a series of time windows during the off-time. Crone fluxgate and SQUID instruments measure the amplitude of the magnetic field (B-field) directly. The electromotive force (EMF) created by the sudden turn-off of the current induces eddy currents in nearby conductive material, generating a secondary electromagnetic field. When the primary field is terminated, this electromagnetic field will decay with time. The amplitude of the secondary field and the decay rate are dependent on the quality and size of the conductor.

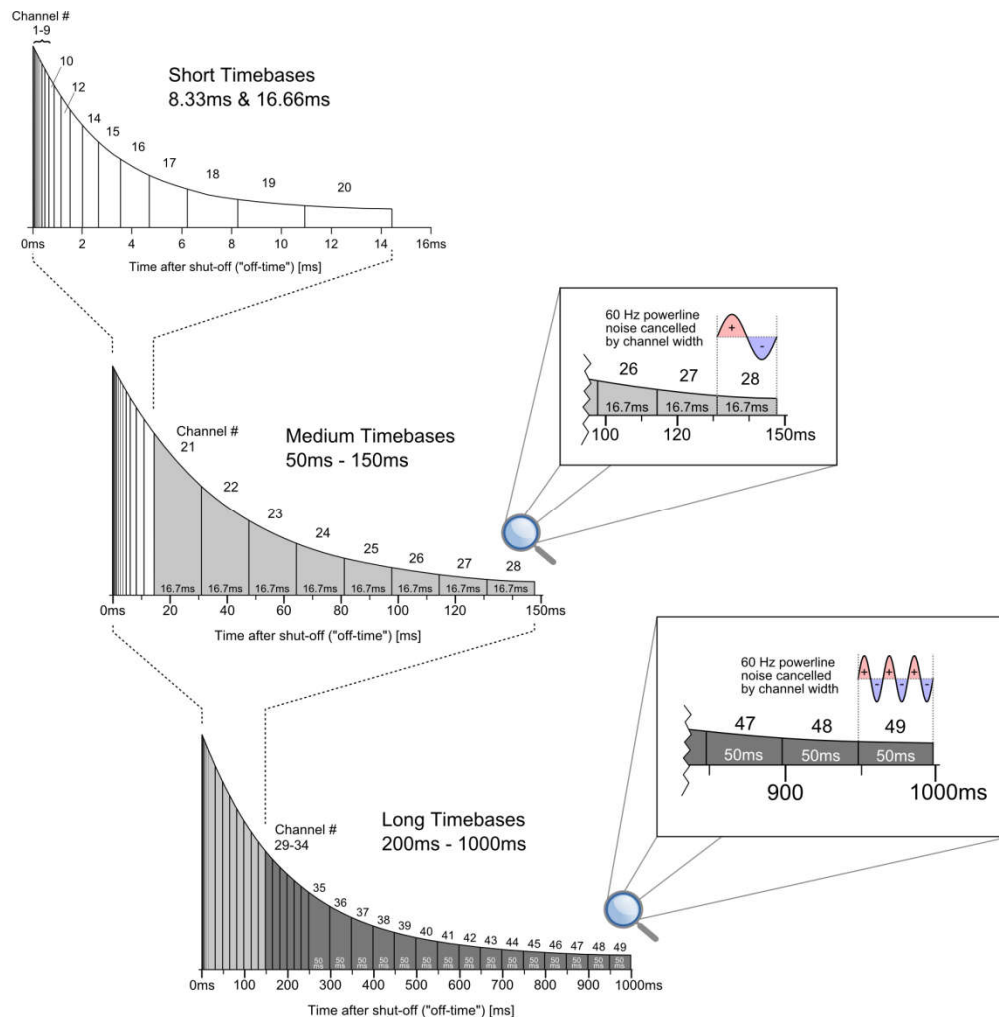


FIGURE 3: STANDARD CHANNEL CONFIGURATIONS.



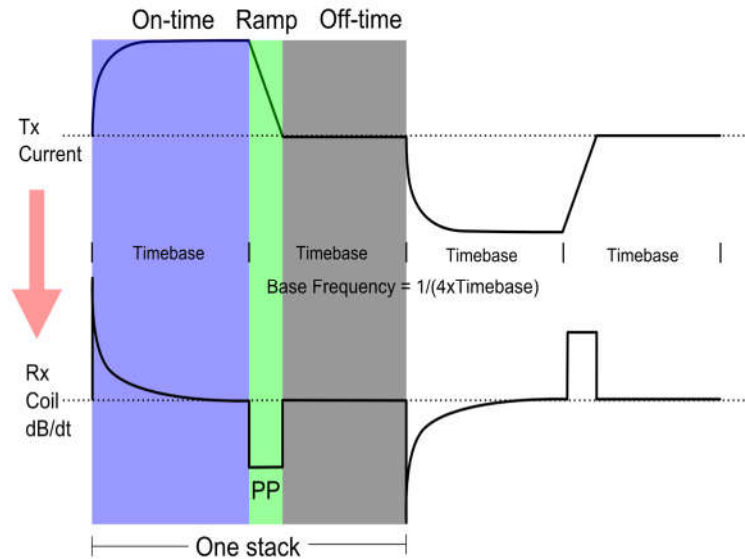


FIGURE 4: STANDARD CRONE PULSE-EM WAVEFORM.



FIGURE 5: REPRESENTATION OF FUNDAMENTAL EM THEORY OF A BOREHOLE SURVEY.

A 3D borehole Pulse-EM system was assembled in which the axial component (Z) and cross component (XY) of the induced secondary field were measured with a Crone borehole fluxgate probe. The Z component detects any in-hole or off-hole anomalies and gives information on size, conductivity, and distances to the edge of conductors. The XY components measure two orthogonal components of the EM field in a plane orientated at right angles to the borehole. These results give directional information to the center of the conductive body. Data is usually collected at a nominal sample interval of 10m. Data units are expressed in nT/s.

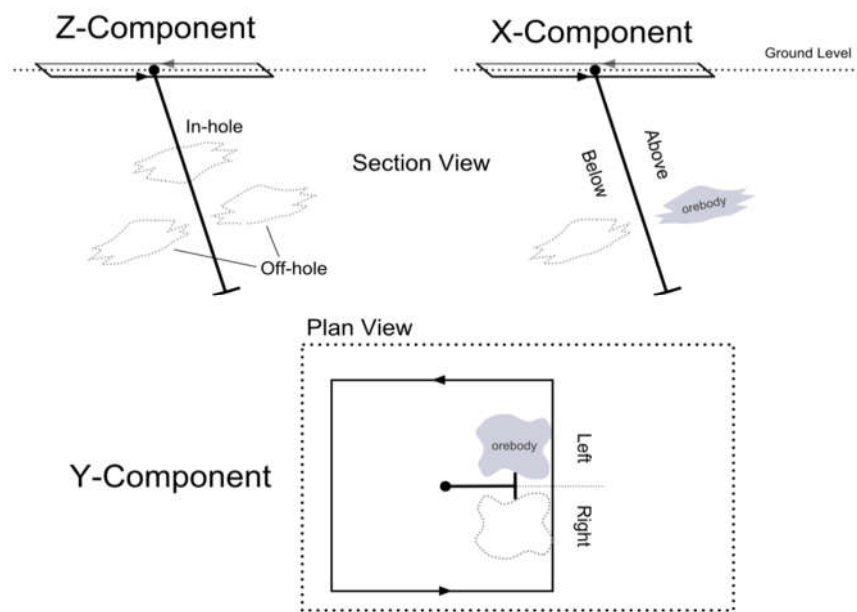


FIGURE 6: REPRESENTATION OF THE SPATIAL COMPONENTS MEASURED BY THE 3D BOREHOLE PULSE EM PROBE.

In addition to measuring the standard Primary Pulse channel in the Tx shut-off ramp and the off-time channels, the Step Response was also calculated. Step Response requires accurate geometrical control in which the loop position and the hole geometry are accurately determined. Positional information was collected using a sub-meter capable GPS and is provided in the UTM Zone 17N utilizing the NAD83 datum. Borehole geometry was determined by gyro provided by the client. The Step Response is widely regarded as a very important tool in the search for high conductance massive sulphides.

The calculated Step Response values are binned into an S1 channel (from  $0.5T$  to  $T$ , where  $T$  is the time base), an S2 channel (from  $0.25T$  to  $0.5T$ ), an S3 channel (from  $0.125T$  to  $0.25T$ ) and an S4 channel (from  $0.0625T$  to  $0.125T$ ). The S1 channel is normalized to the theoretical primary field, while S2, S3 and S4 are normalized to S1. The S1 value is used to identify responses from highly conductive sources. In the absence of any conductors, the primary field should equal the theoretical field for a given component. In the case of generally resistive host rock and poor conductors, the S1 value will be very close or equal to the theoretical field for a given component.



## DATA ACQUISITION PARAMETERS

**TABLE 1: BOREHOLE SURVEY TRANSMITTER LOOP COVERAGE.**

Tx Loop	Property / Target	Size (m)	Corner Coordinates UTM Zone 17N, NAD83
2	Loveland	300 x 250	454608E, 5389195N 454387E, 5389227N 454356E, 5388967N 454537E, 5388925N
4	Loveland	250 x 250	454316E, 5389885N 454167E, 5389840N 454143E, 5389698N 454259E, 5389597N

**TABLE 2: BOREHOLE SURVEY COVERAGE**

Hole	Zone	Tx Loop	Timebase	Off Time	Ramp	Current	Station		Length	Comp
			(ms)	Channels	(ms)	(A)	From	To	(m)	
LN25-20-002	Loveland	2	50	22	1500	25	30	375	345	X,Y,Z
LN25-20-004	Loveland	4	50	22	1500	25	50	245	195	X,Y,Z



**TABLE 3: CHANNEL CONFIGURATION FOR THE 50.00 MS TIMEBASE USING 22 CHANNELS.**

Channel	Start (s)	Finish (s)	Channel	Start (s)	Finish (s)
<b>Primary Pulse</b>	-0.000400	-0.000300			
<b>1</b>	0.000048	0.000064	<b>2</b>	0.000064	0.000084
<b>3</b>	0.000084	0.000112	<b>4</b>	0.000112	0.000152
<b>5</b>	0.000152	0.000204	<b>6</b>	0.000204	0.000268
<b>7</b>	0.000268	0.000360	<b>8</b>	0.000360	0.000480
<b>9</b>	0.000480	0.000640	<b>10</b>	0.000640	0.000848
<b>11</b>	0.000848	0.001128	<b>12</b>	0.001128	0.001496
<b>13</b>	0.001496	0.001992	<b>14</b>	0.001992	0.002644
<b>15</b>	0.002644	0.003512	<b>16</b>	0.003512	0.004664
<b>17</b>	0.004664	0.006192	<b>18</b>	0.006192	0.008220
<b>19</b>	0.008220	0.010926	<b>20</b>	0.010926	0.014400
<b>21</b>	0.014400	0.031068	<b>22</b>	0.031068	0.047736





## PRODUCTION SUMMARY

TABLE 4: PRODUCTION SUMMARY.

Date	Type of Day	Comments
12 Mar 2020	MOB	MOB to Timmins and gear pickup
13 Mar 2020	Looping	Lay loop 3 and setup Tx site, located hole LN-25-20-003
14 Mar 2020	Looping	Finish laying loop 3, dummy LN-25-20-003 – Clear
15 Mar 2020	Survey	Start survey of LN-25-20-003, blocked at 75m and unable to clear. Started to pick up loop 3
16 Mar 2020	Survey	Moving equipment, truck unable to access logging road, used skidoos
17 Mar 2020	Looping	Lay loop 4
18 Mar 2020	Survey	Survey LN-25-20-004 with loop 4 and dummied LN-25-20-002
19 Mar 2020	Looping	Lay loop 2 and setup Tx site
20 Mar 2020	Survey	Survey LN-25-20-002 with Z probe
21 Mar 2020	Survey	Survey LN-25-20-002 with XY probe
22 Mar 2020	Looping	Picked up loop 2 and loop 4, demob from site

Respectfully submitted,

**Norman Shieh**

Geophysical Operator

Crone Geophysics & Exploration Ltd.



APPENDIX 1: BOREHOLE SURVEY DATA



454,200m E

454,300m E

454,400m E

454,500m E

454,600m E

454,700m E

454,800m E

5,389,300m N

5,389,200m N

5,389,100m N

5,389,000m N

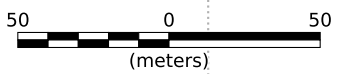
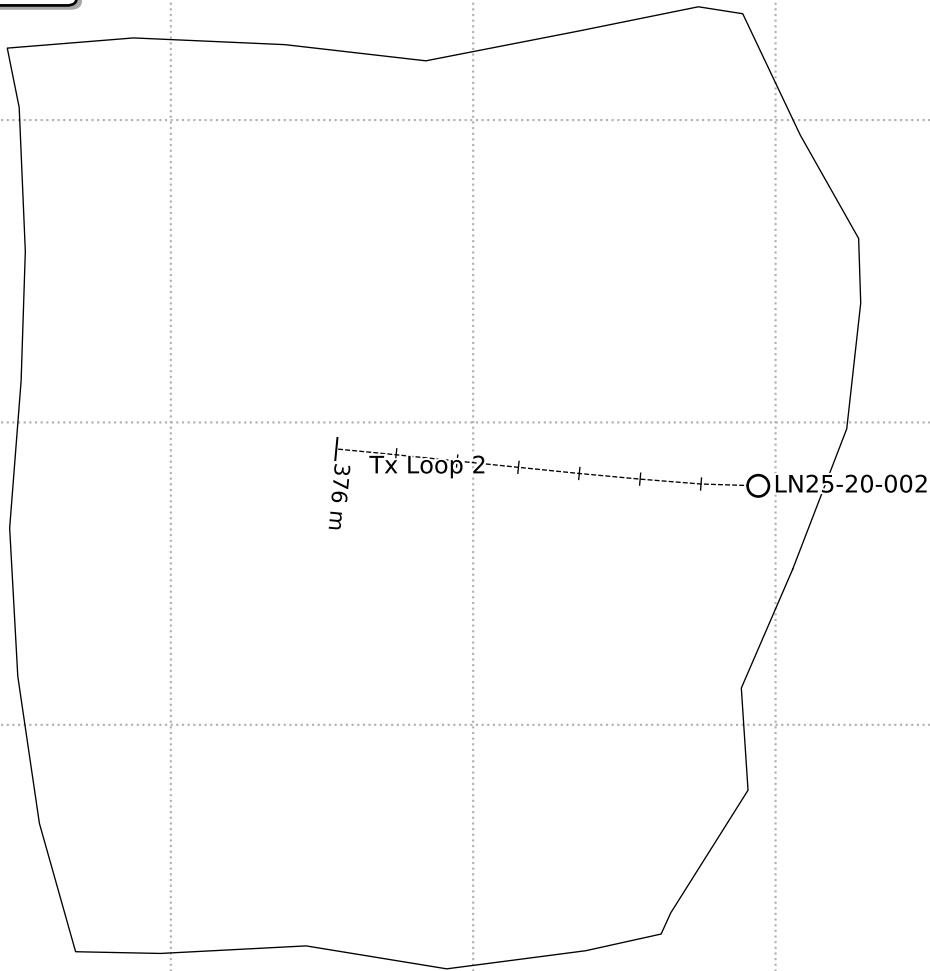
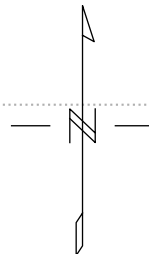
5,388,900m N

Crone Geophysics & Exploration Ltd.  
Hole and Loop Location Map  
*Borehole Induction Pulse EM Survey*

North American Nickel  
Loveland  
Hole: LN25-20-002 Loop: 2

Timebase: 50.00 ms  
Survey Date: March 20 - March 21, 2020

UTM Zone 17 North, NAD 1983      Scale 1:2,500



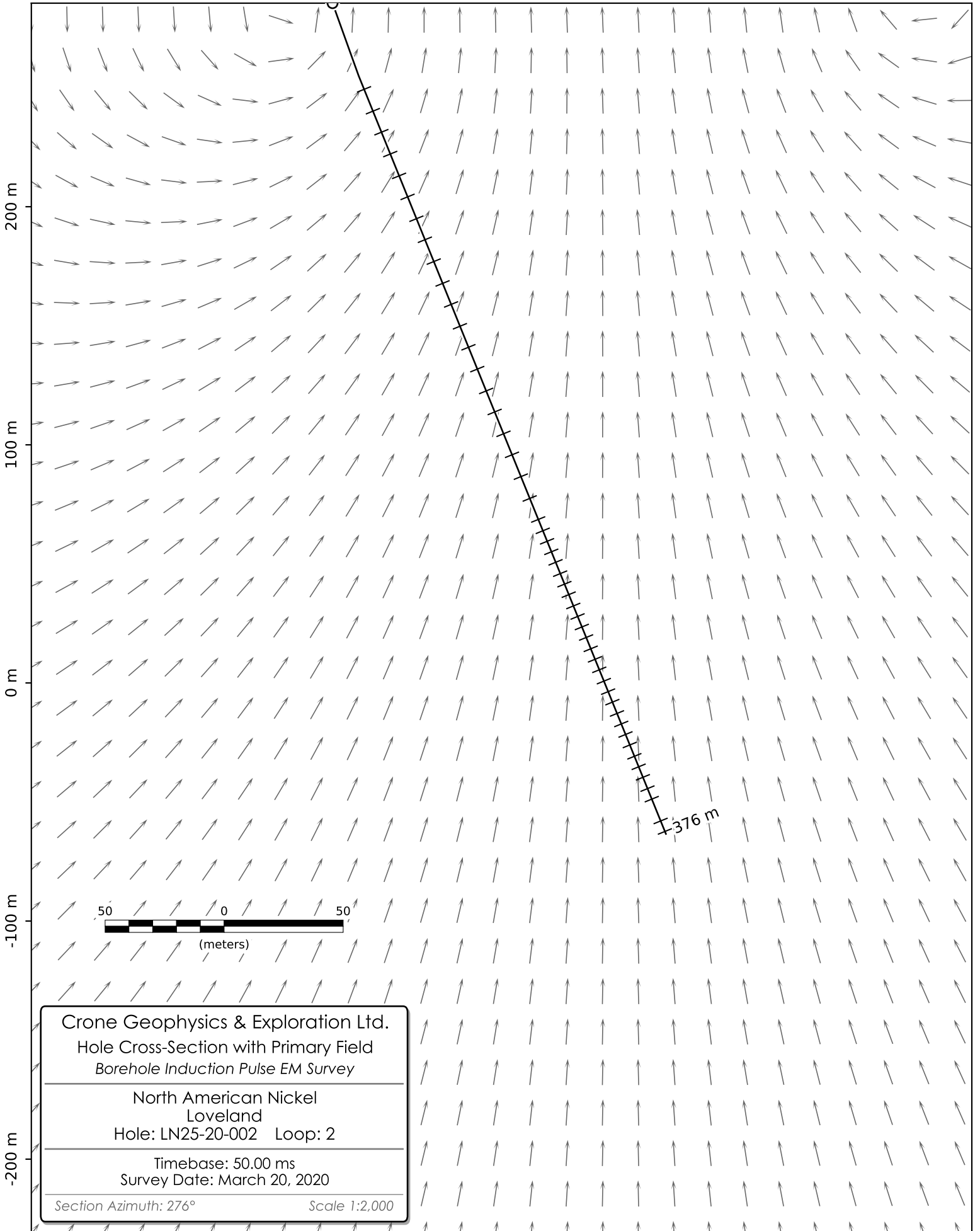
**Legend**

- Transmitter Loop
- Borehole Collar
- +- Borehole Trace

454,720m E  
5,389,064m N

LN25-20-002

454,327m E  
5,389,104m N

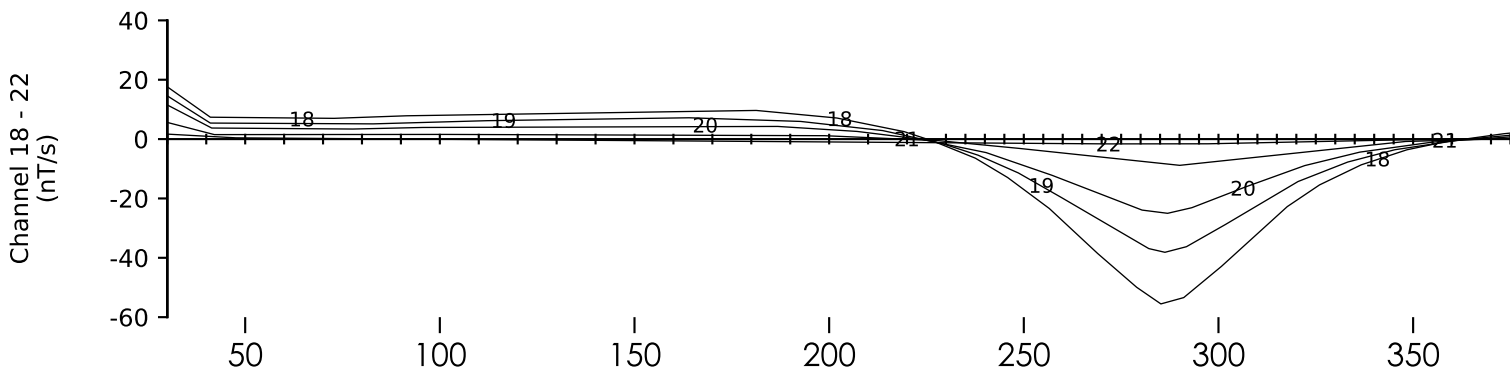
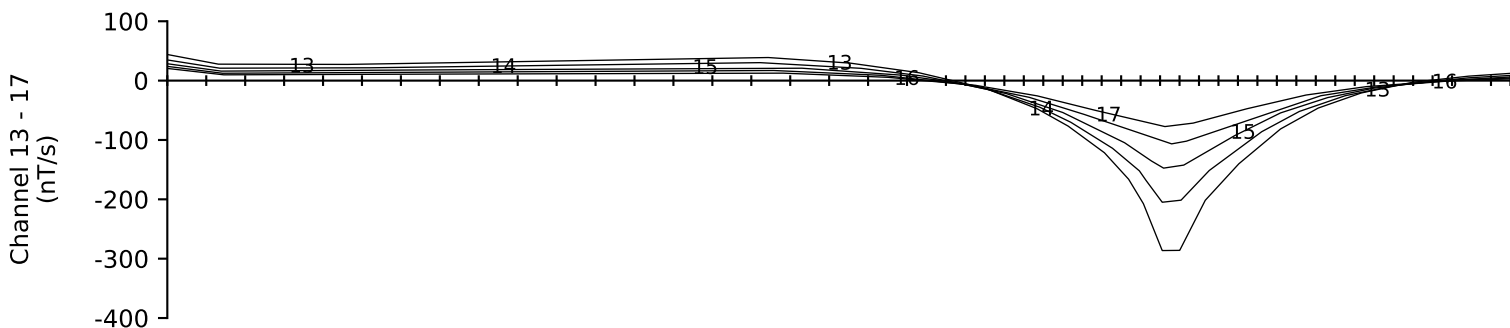
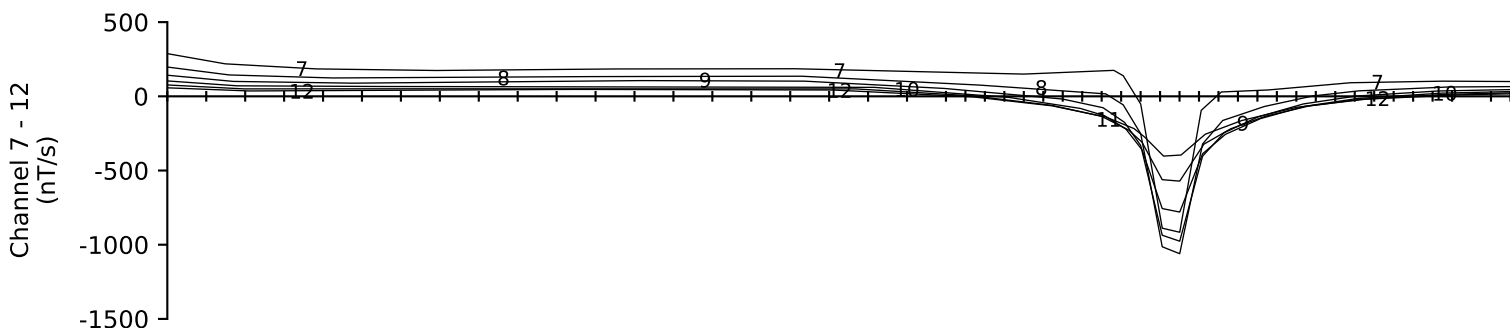
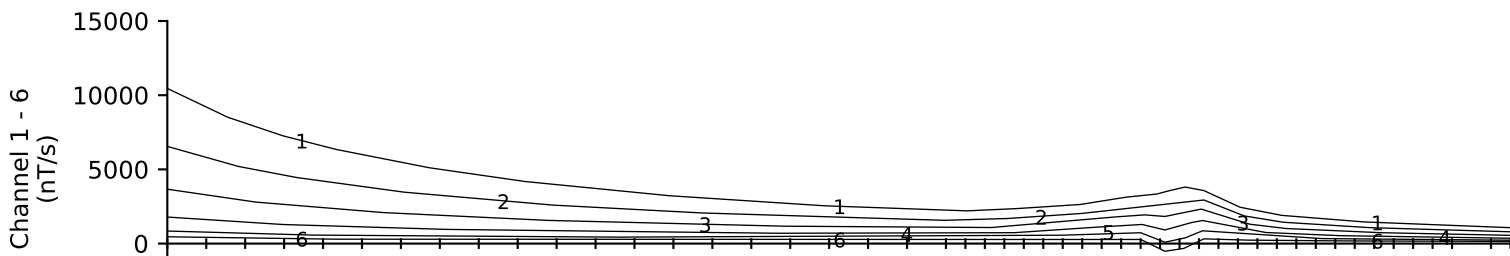
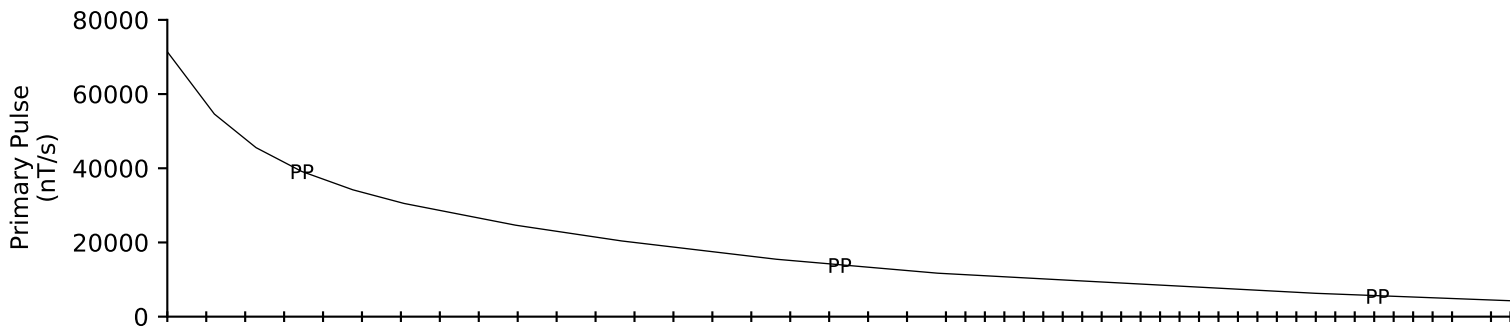


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
Z Component

North American Nickel  
Loveland  
March 20, 2020

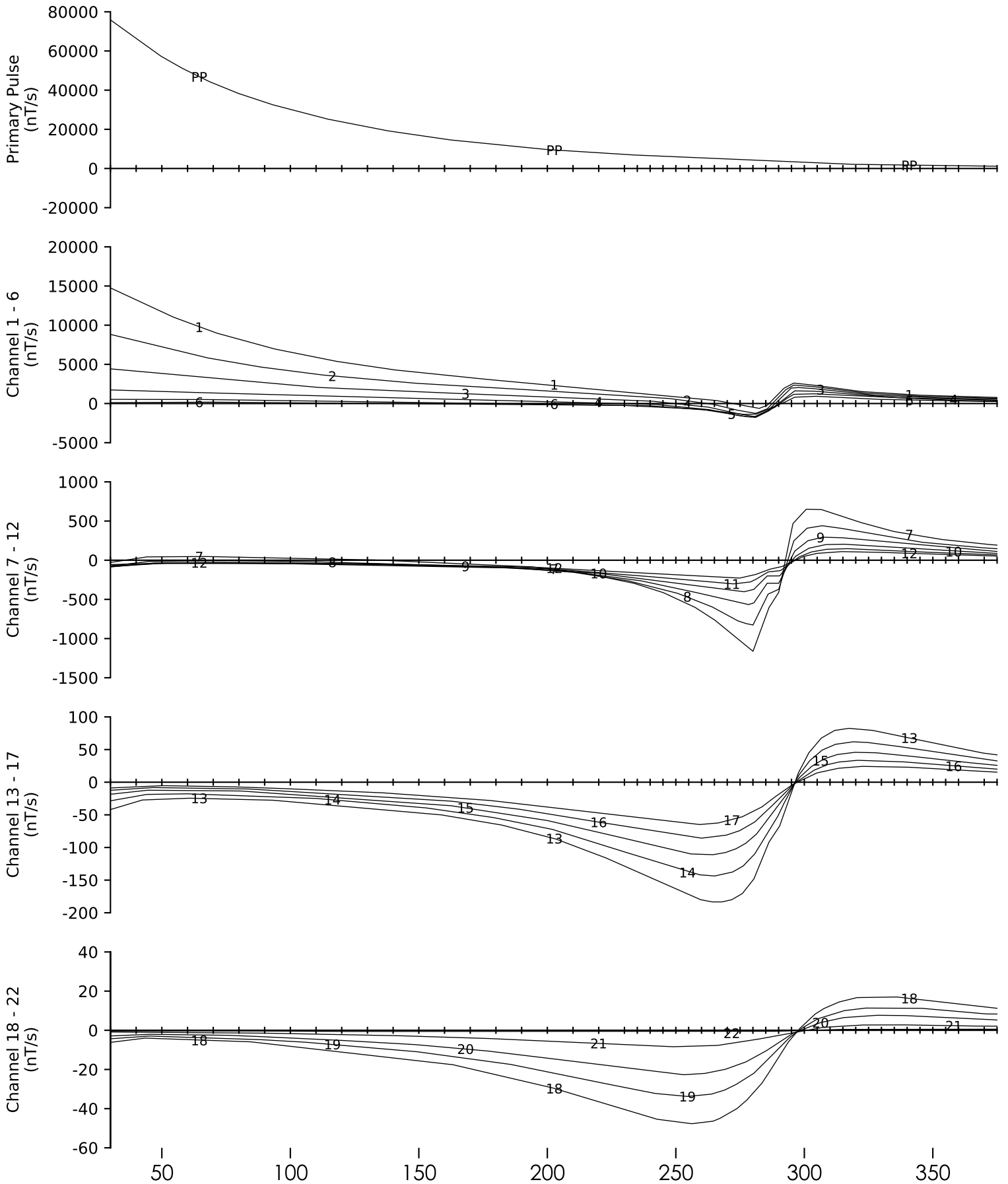


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
X Component

North American Nickel  
Loveland  
March 21, 2020



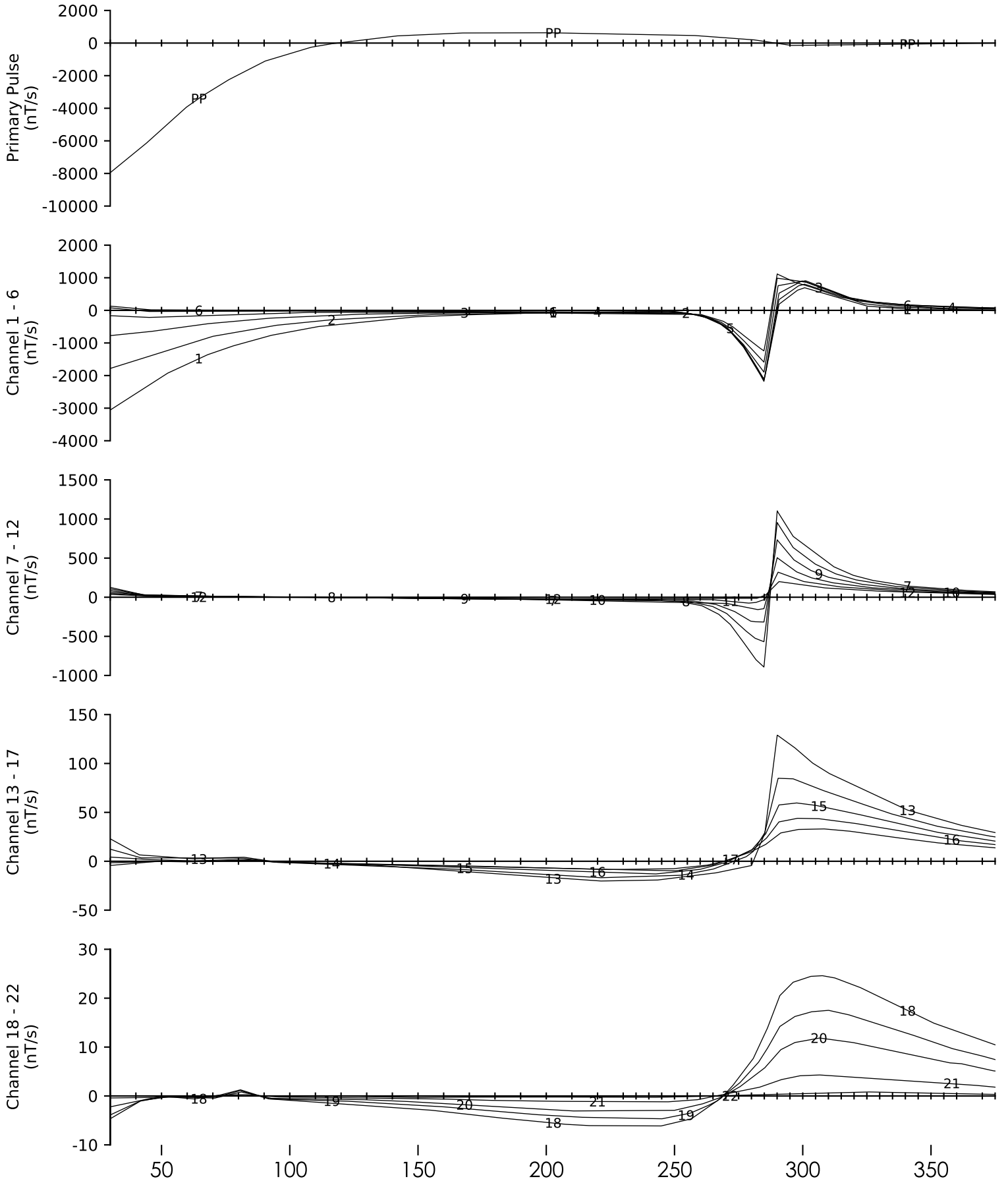
Crone Geophysics & Exploration Ltd.

Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
Y Component

North American Nickel  
Loveland  
March 21, 2020

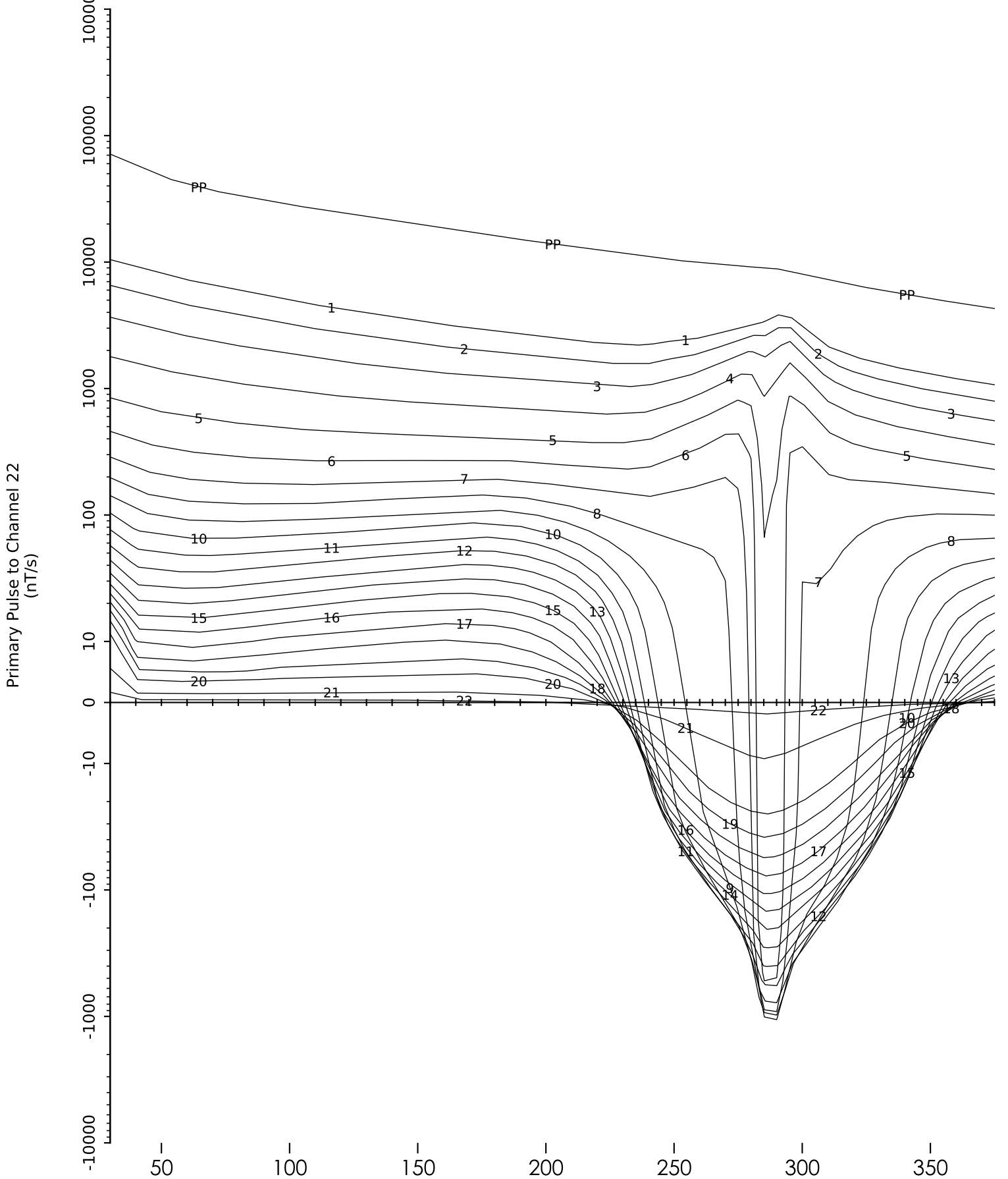


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
Z Component

North American Nickel  
Loveland  
March 20, 2020



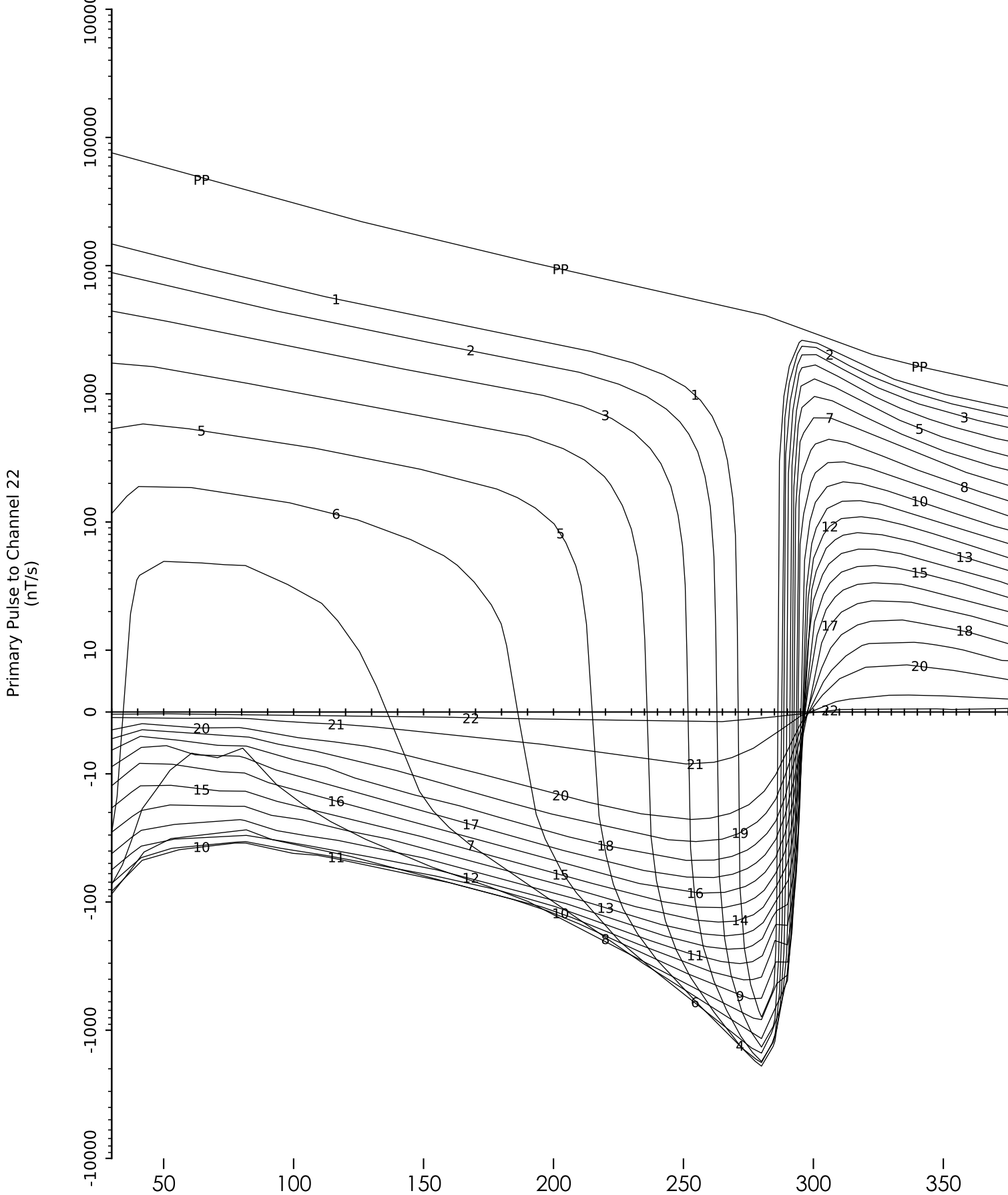


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
X Component

North American Nickel  
Loveland  
March 21, 2020

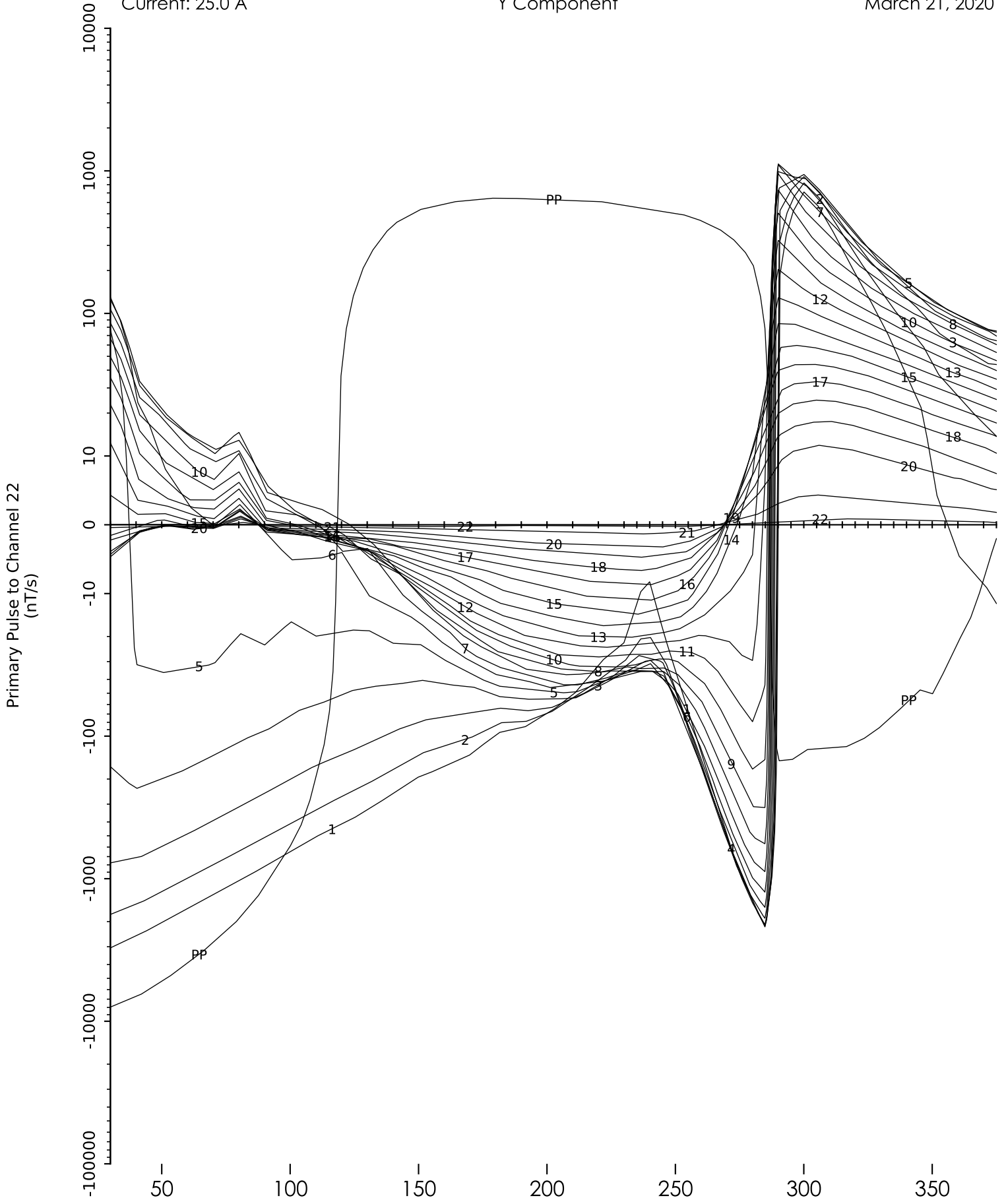


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
Y Component

North American Nickel  
Loveland  
March 21, 2020

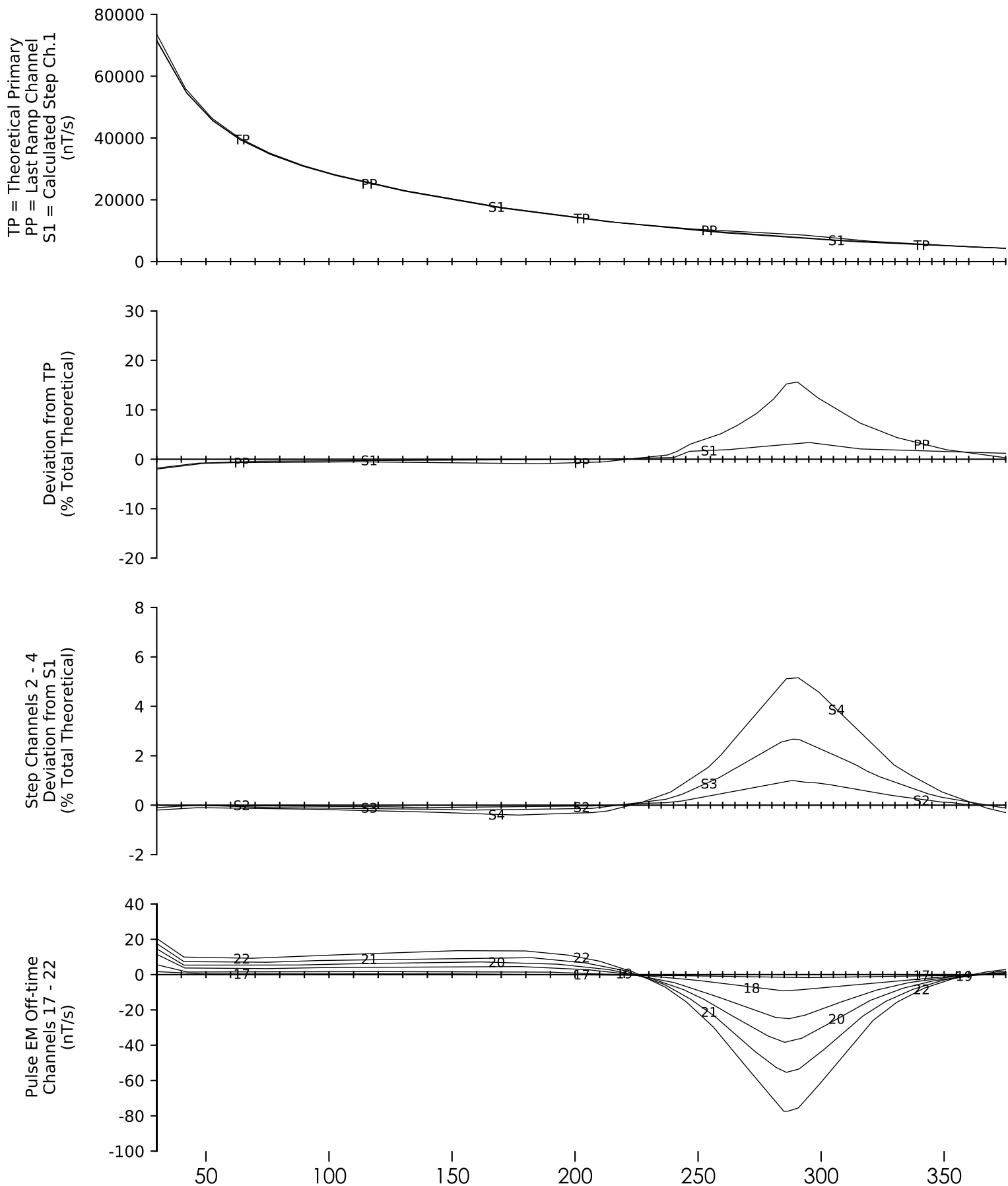


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
Z Component

North American Nickel  
Loveland  
March 20, 2020



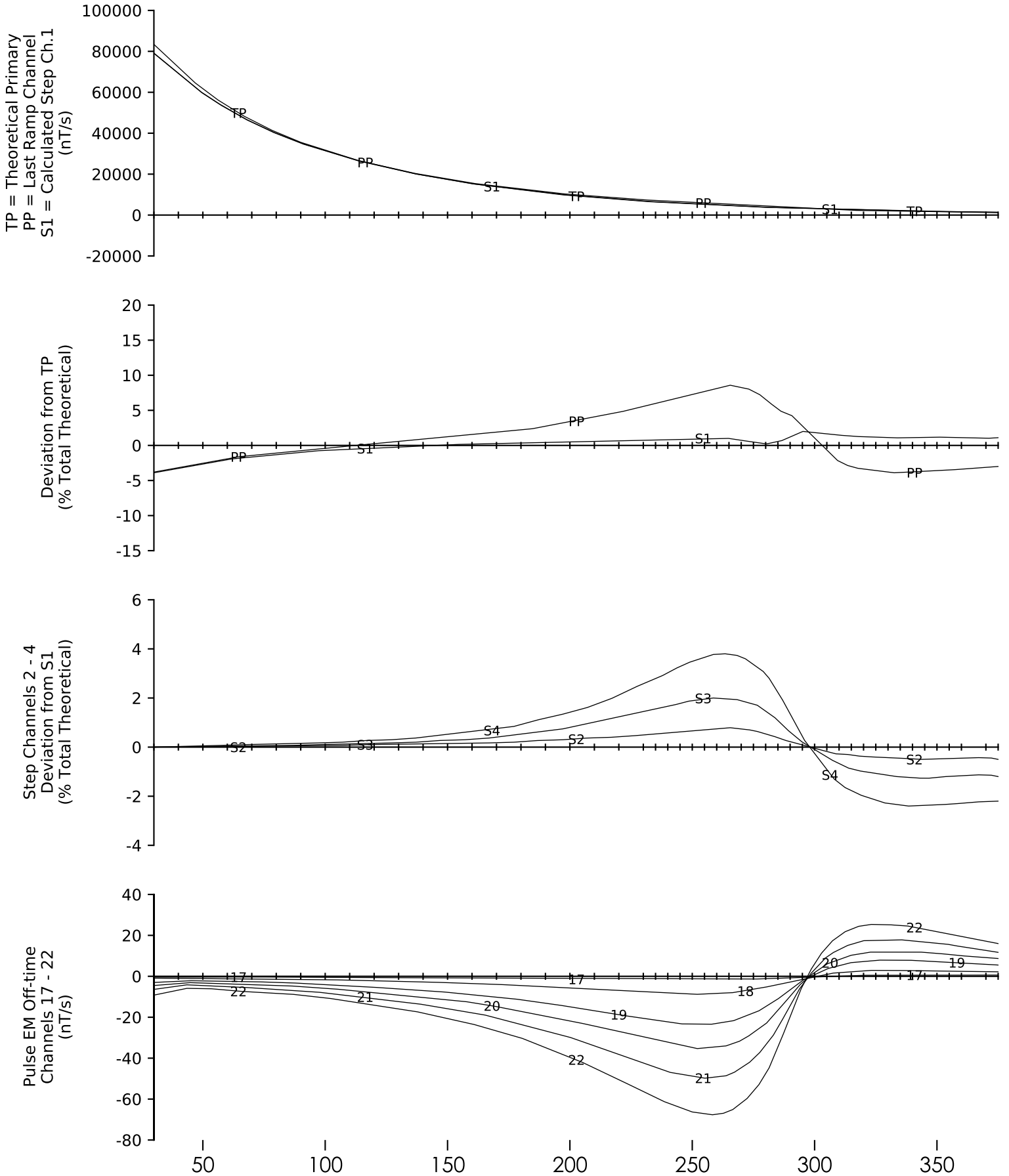
Crone Geophysics & Exploration Ltd.

Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
X Component

North American Nickel  
Loveland  
March 21, 2020



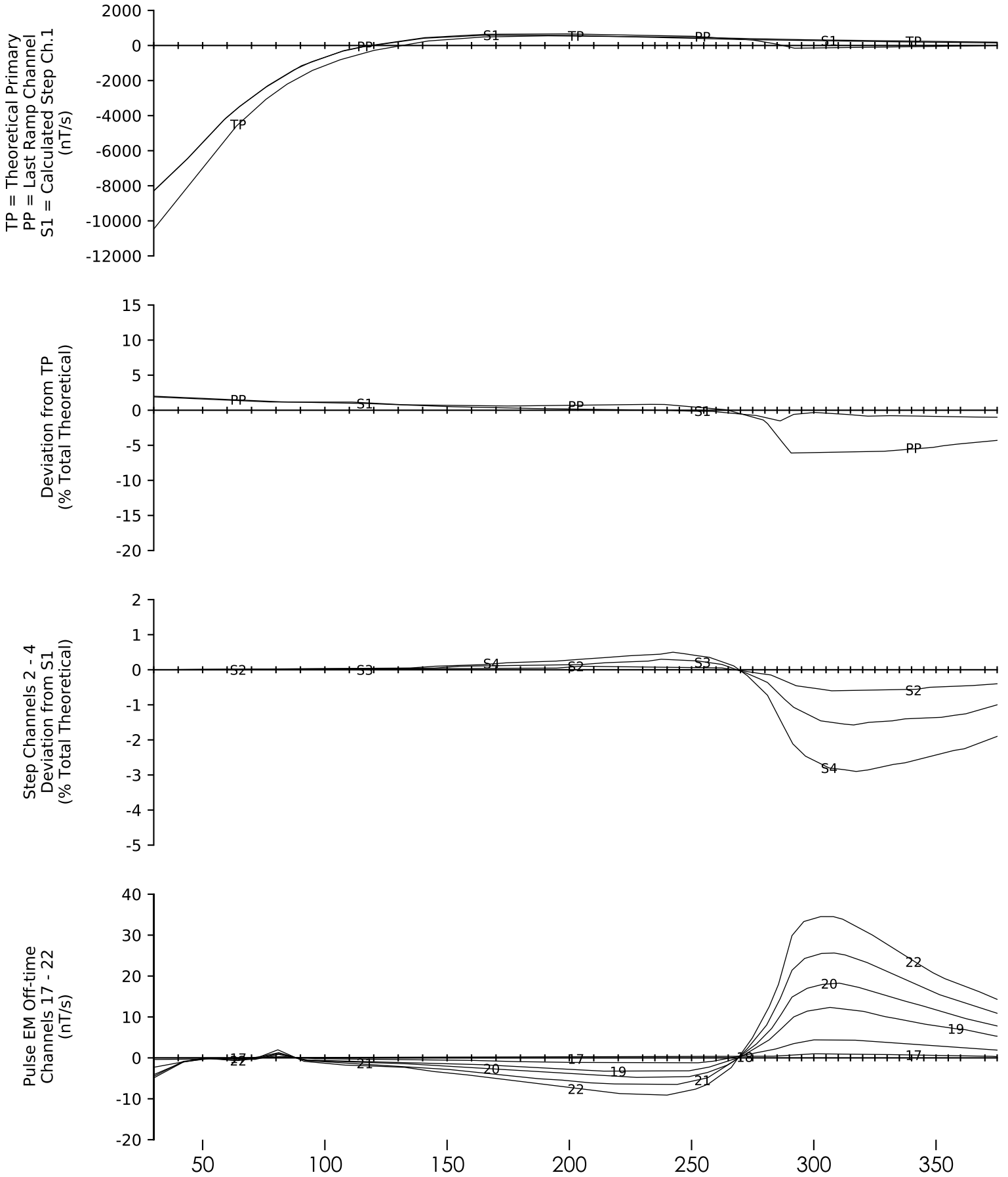
Crone Geophysics & Exploration Ltd.

Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-002  
Loop: 2  
Y Component

North American Nickel  
Loveland  
March 21, 2020



454,000m E

454,100m E

454,200m E

454,300m E

454,400m E

454,500m E

5,389,000m N

5,389,900m N

5,389,800m N

5,389,700m N

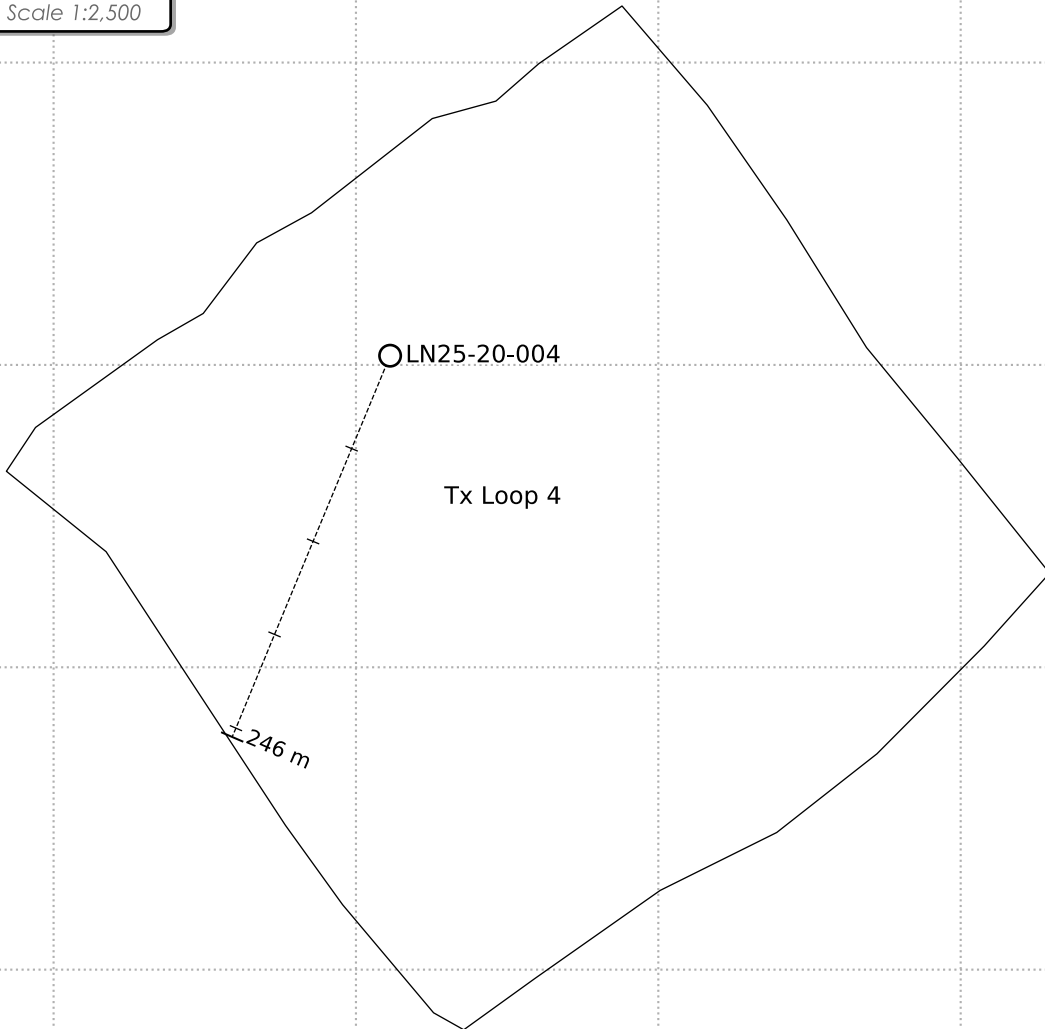
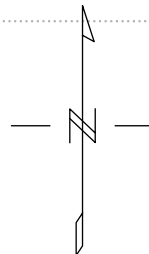
5,389,600m N

Crone Geophysics & Exploration Ltd.  
 Hole and Loop Location Map  
*Borehole Induction Pulse EM Survey*

North American Nickel  
 Loveland  
 Hole: LN25-20-004 Loop: 4

Timebase: 50.00 ms  
 Survey Date: March 18, 2020

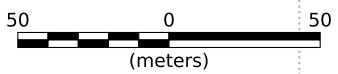
UTM Zone 17 North, NAD 1983      Scale 1:2,500



Tx Loop 4

LN25-20-004

246 m



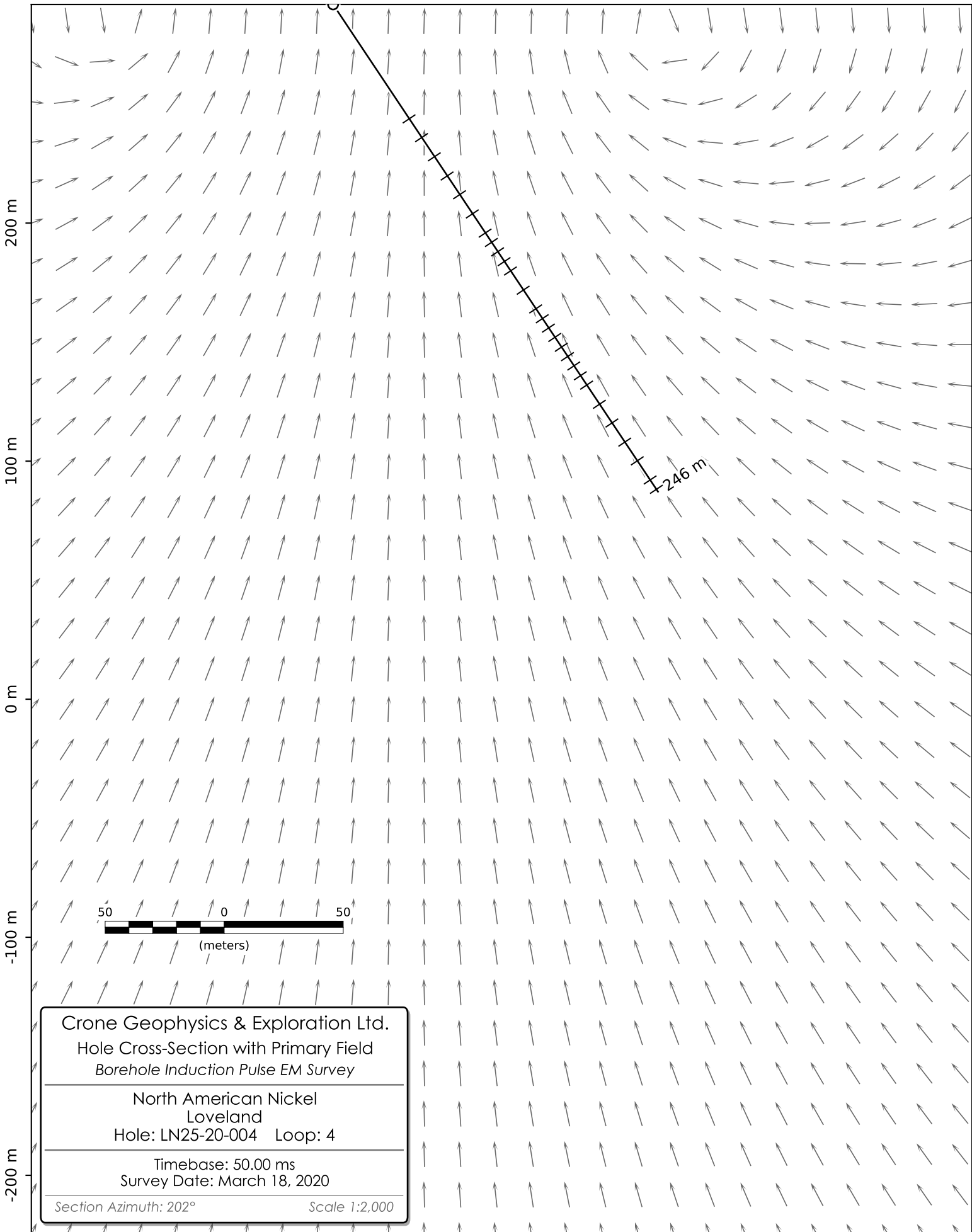
**Legend**

- Transmitter Loop
- Borehole Collar
- +--+ Borehole Trace

454,257m E  
5,389,921m N

LN25-20-004

454,111m E  
5,389,554m N

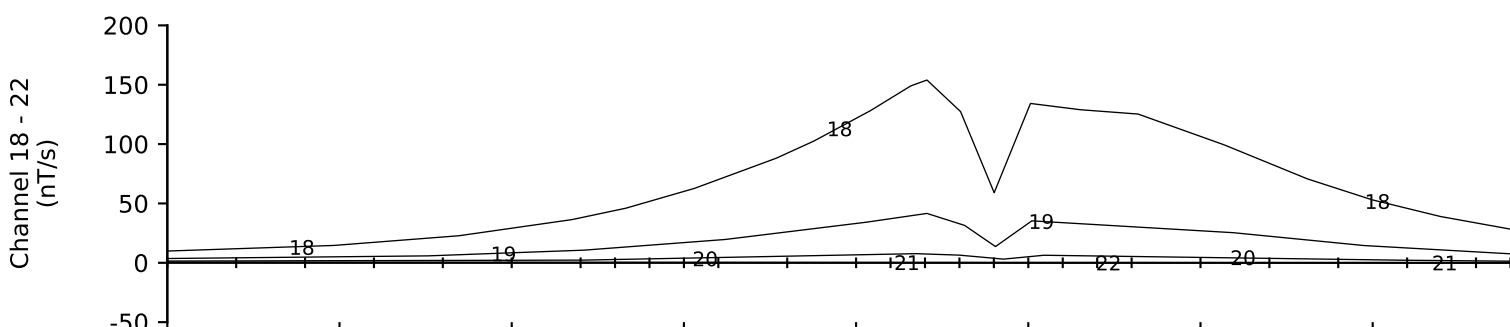
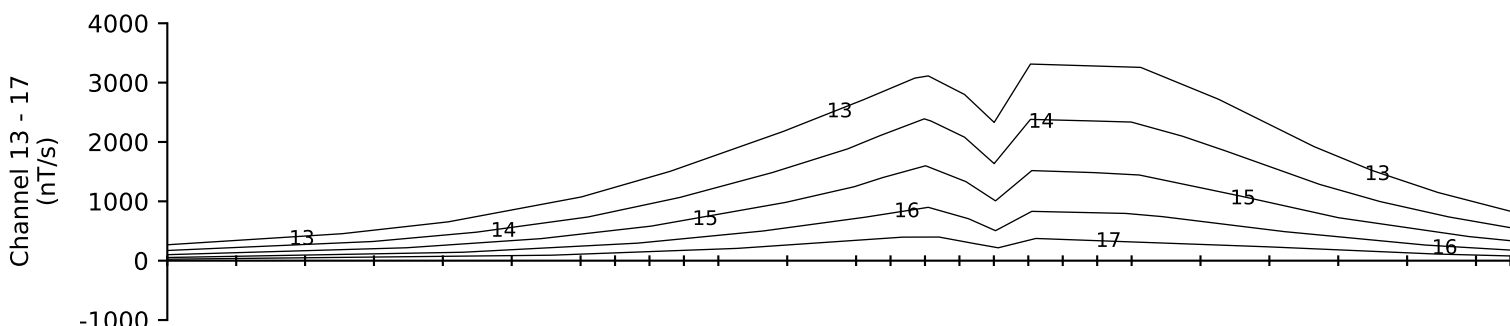
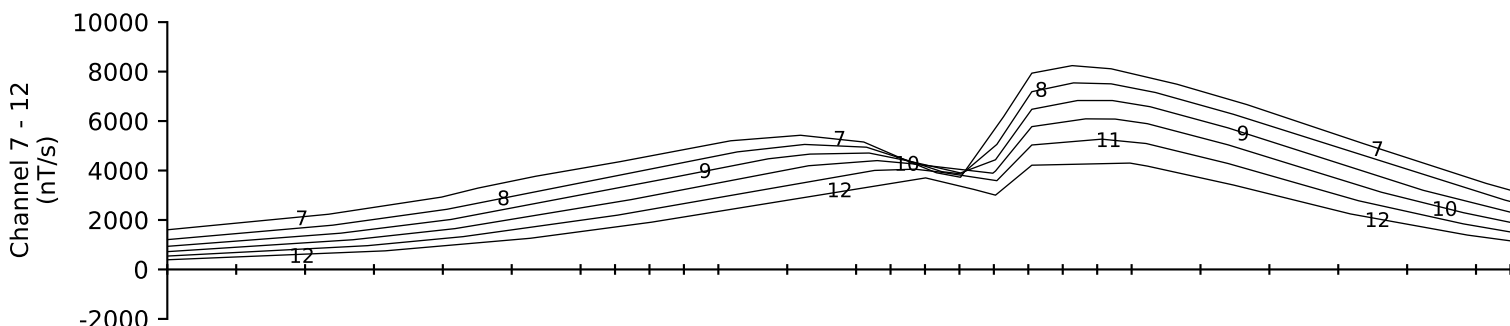
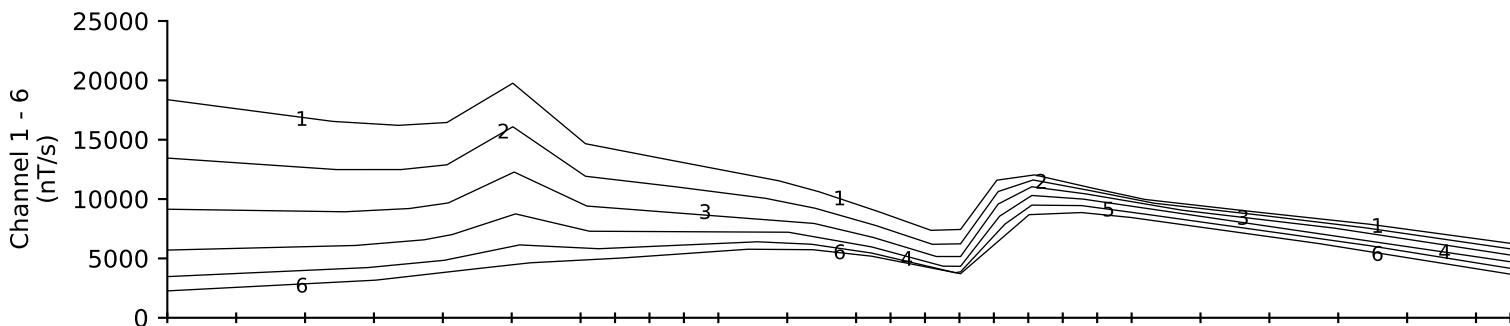
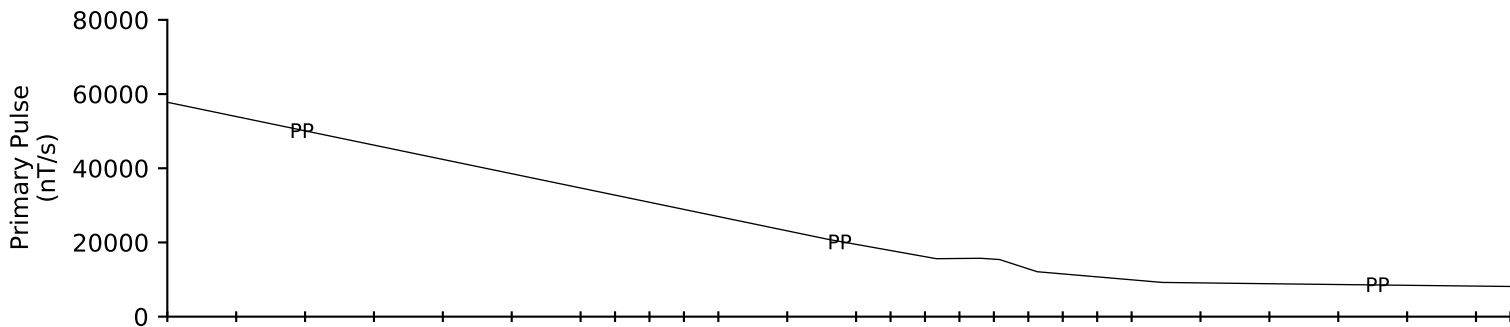


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-004  
Loop: 4  
Z Component

North American Nickel  
Loveland  
March 18, 2020



50 75 100 125 150 175 200 225

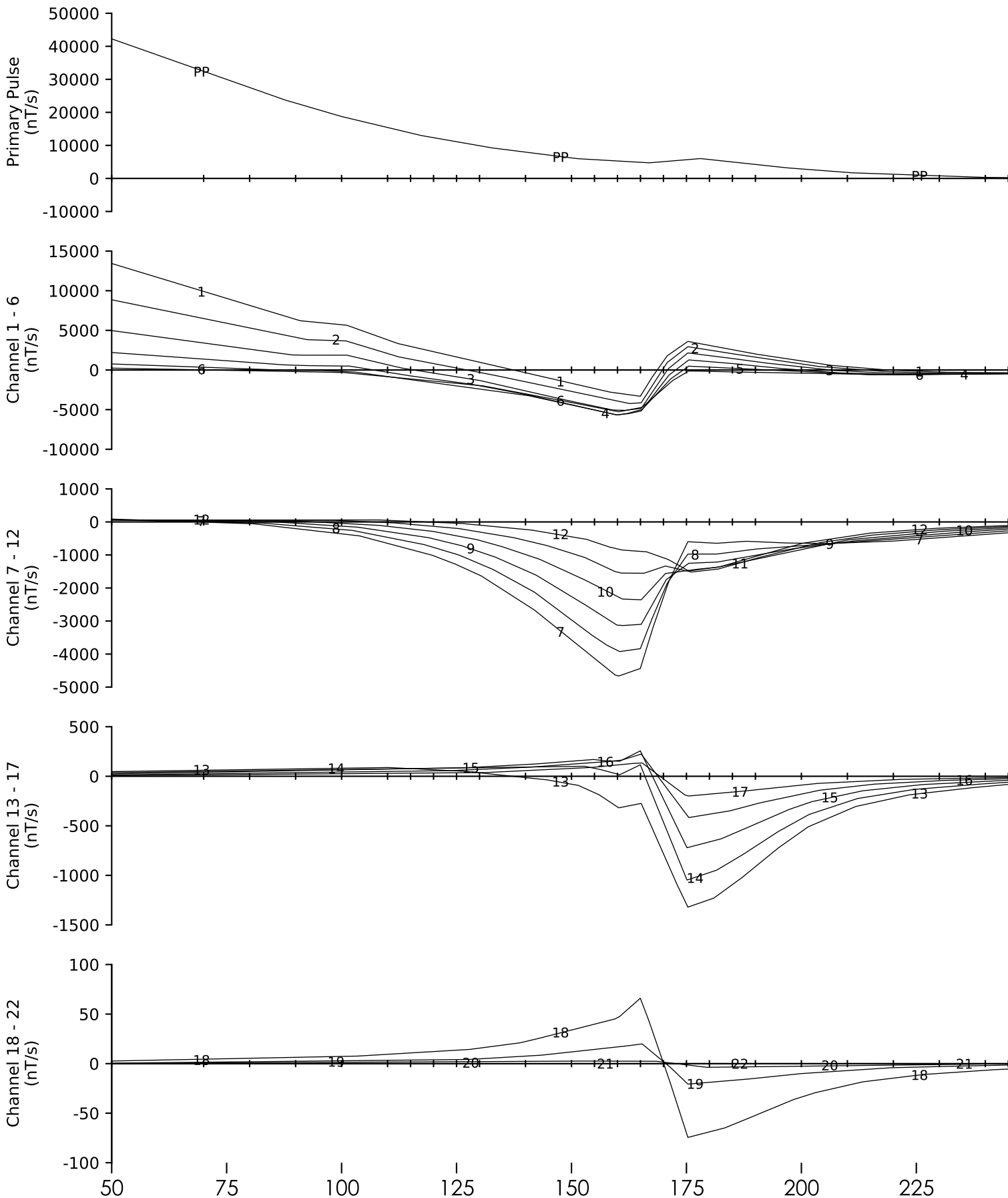


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-004  
Loop: 4  
X Component

North American Nickel  
Loveland  
March 18, 2020



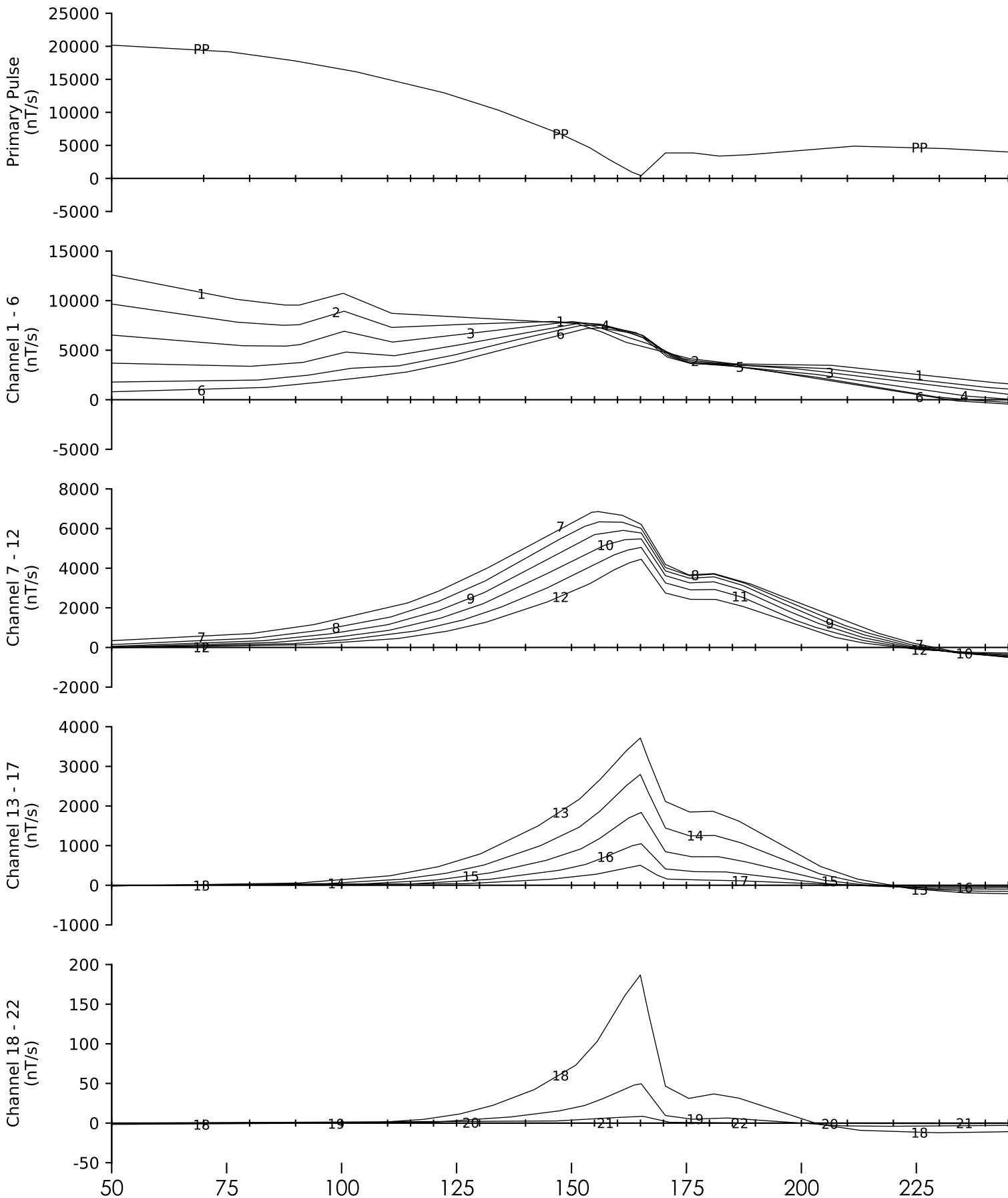
Crone Geophysics & Exploration Ltd.

Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-004  
Loop: 4  
Y Component

North American Nickel  
Loveland  
March 18, 2020

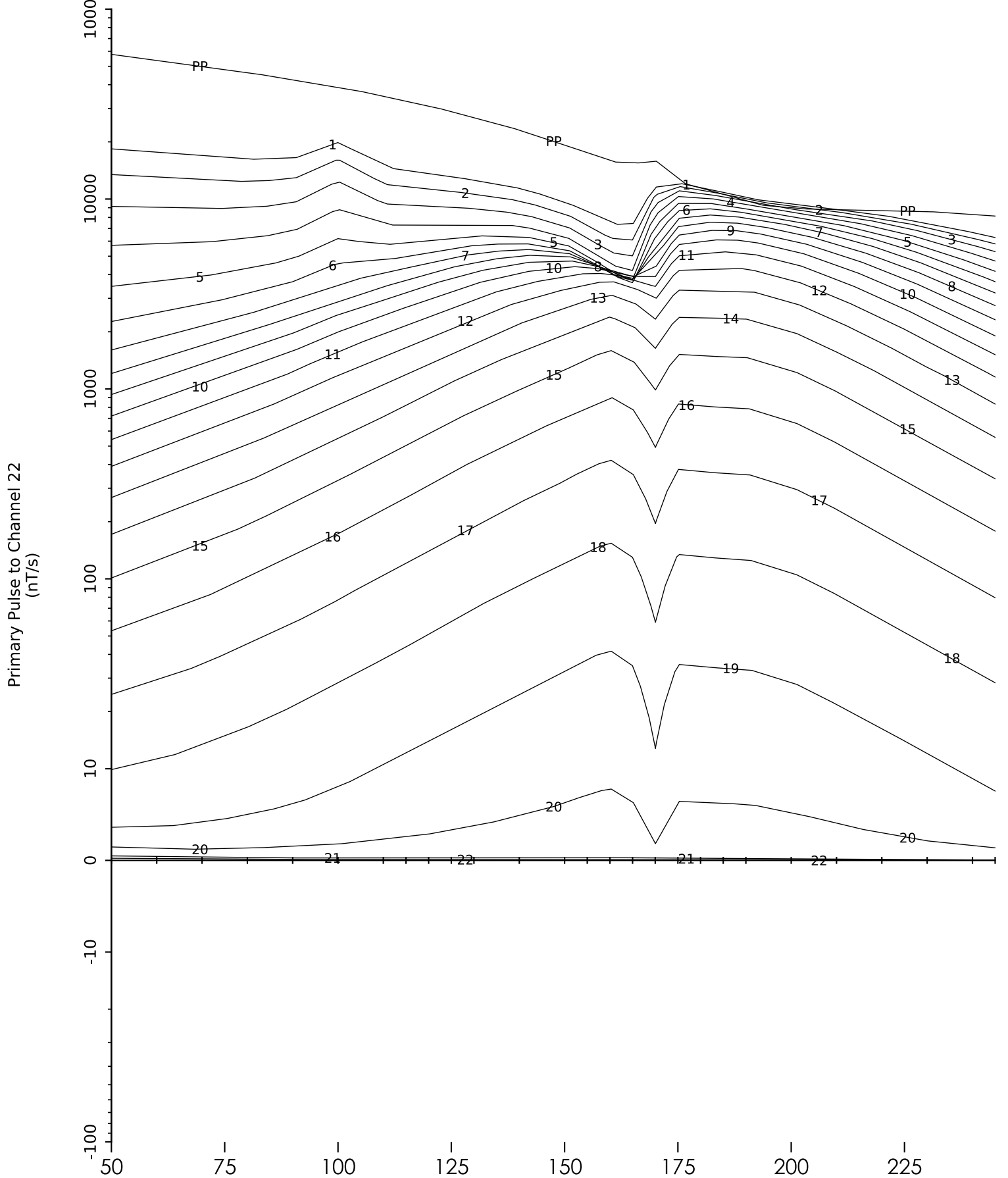


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-004  
Loop: 4  
Z Component

North American Nickel  
Loveland  
March 18, 2020

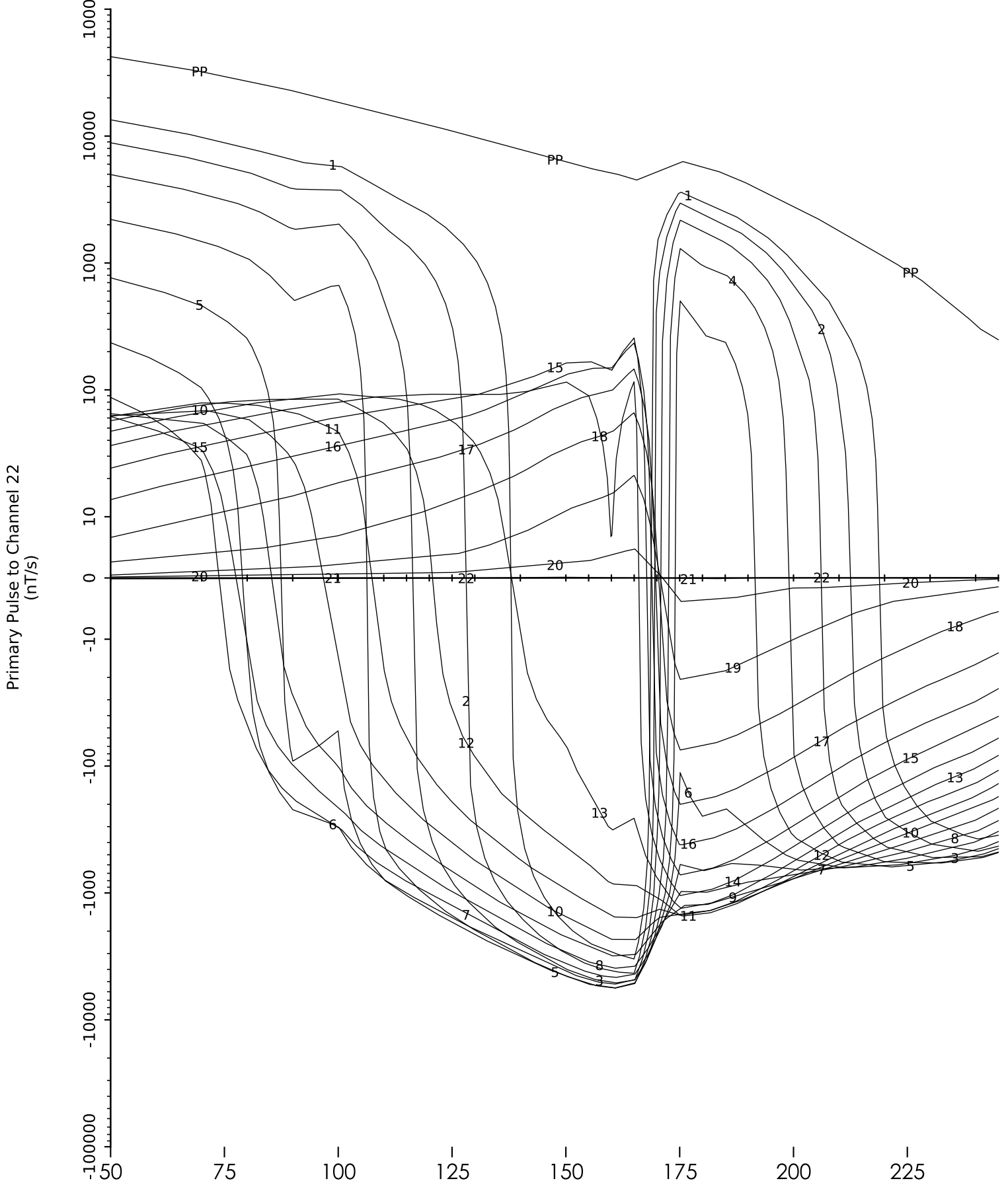


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-004  
Loop: 4  
X Component

North American Nickel  
Loveland  
March 18, 2020



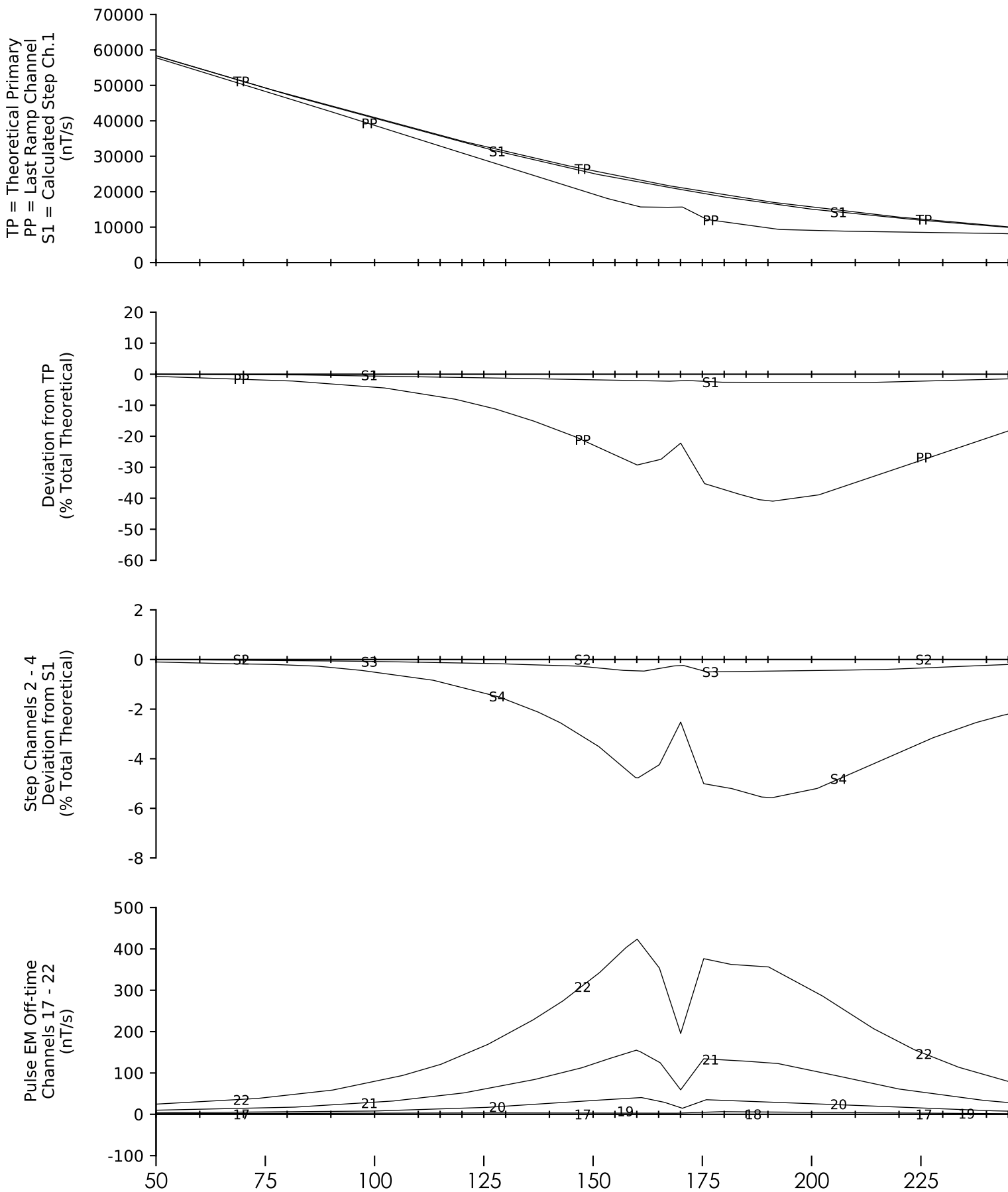


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
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Current: 25.0 A

Hole: LN25-20-004  
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North American Nickel  
Loveland  
March 18, 2020

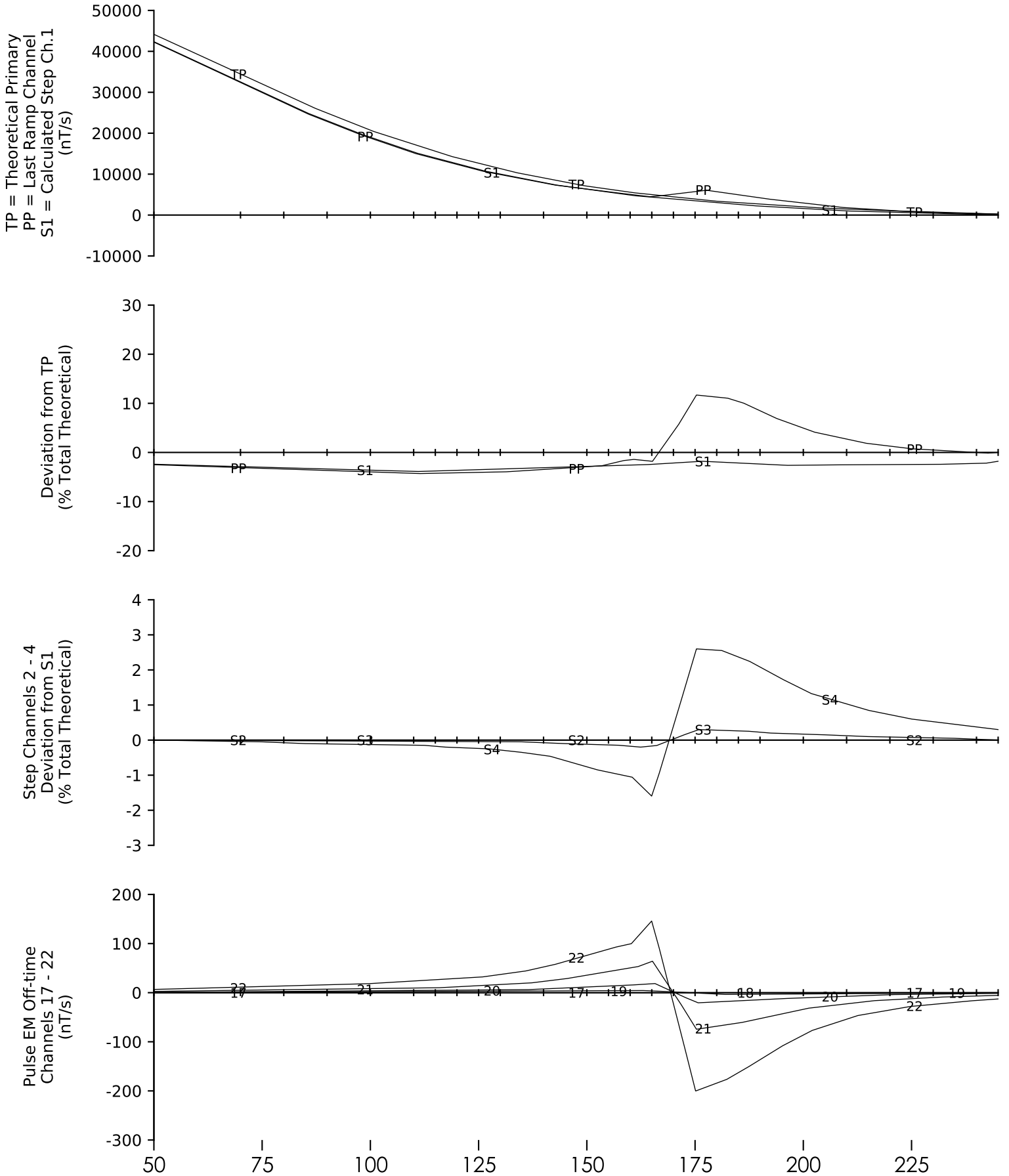


Crone Geophysics & Exploration Ltd.  
Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
Base Frequency: 5.0 Hz  
Current: 25.0 A

Hole: LN25-20-004  
Loop: 4  
X Component

North American Nickel  
Loveland  
March 18, 2020



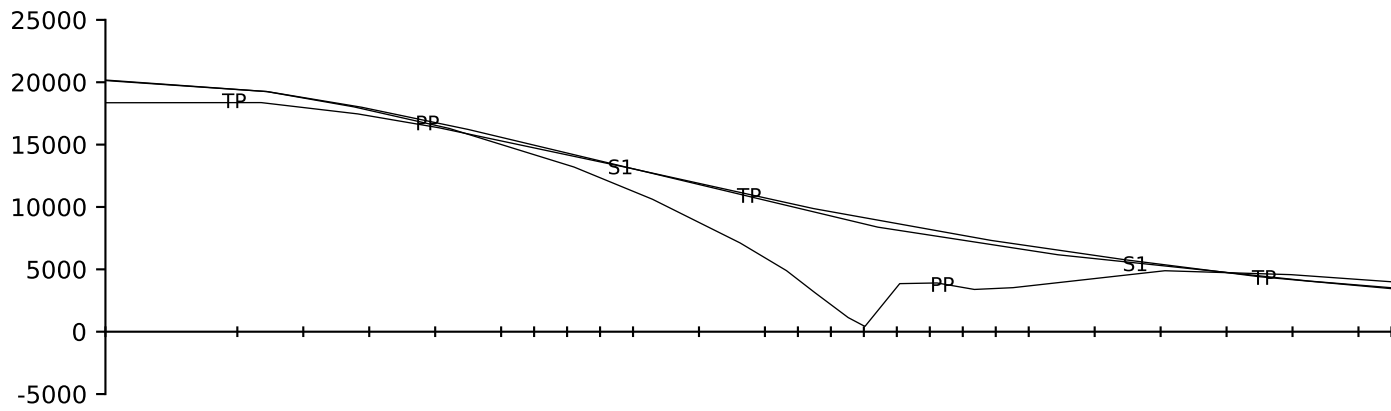
Crone Geophysics & Exploration Ltd.  
 Borehole Induction Pulse EM Survey

Timebase: 50.00 ms  
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 Current: 25.0 A

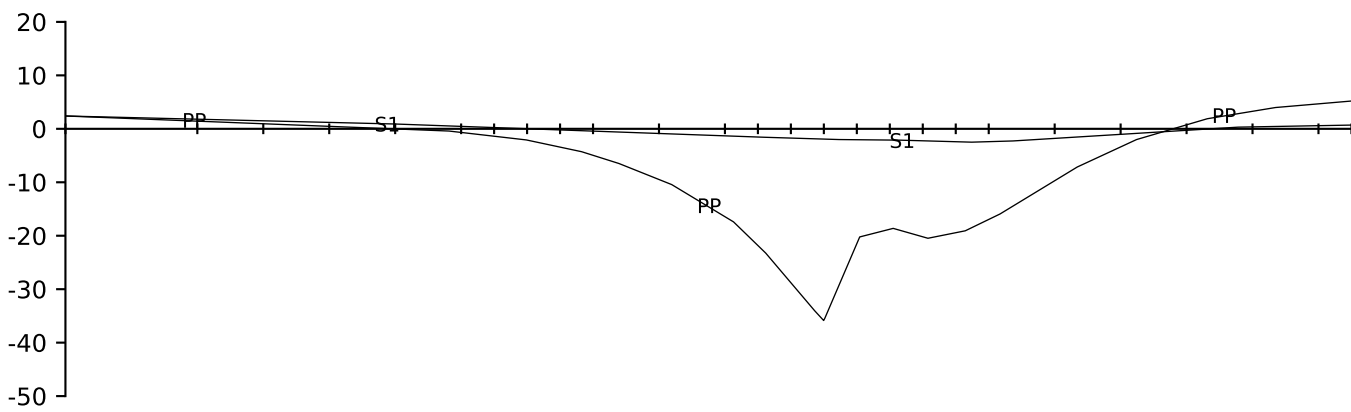
Hole: LN25-20-004  
 Loop: 4  
 Y Component

North American Nickel  
 Loveland  
 March 18, 2020

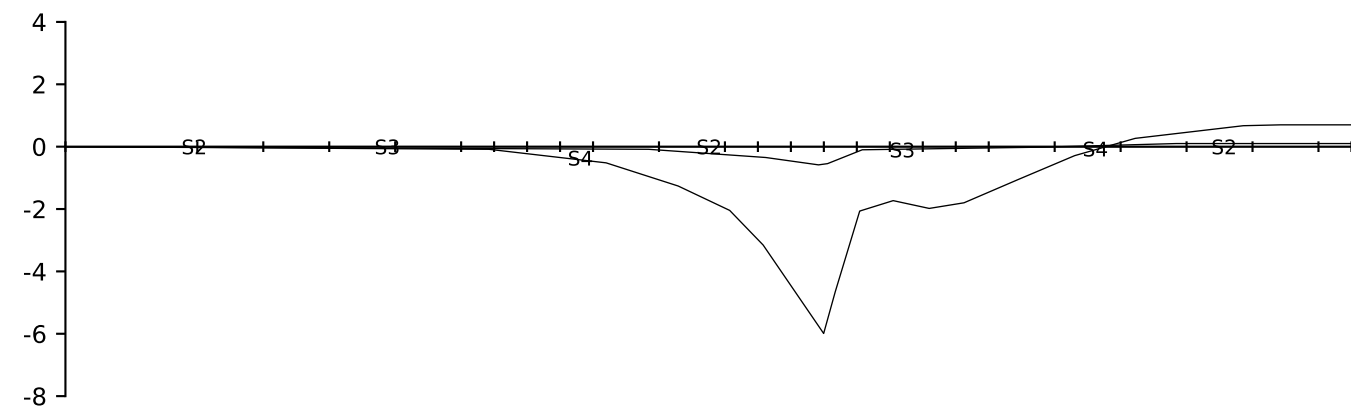
TP = Theoretical Primary  
 PP = Last Ramp Channel  
 S1 = Calculated Step Ch.1



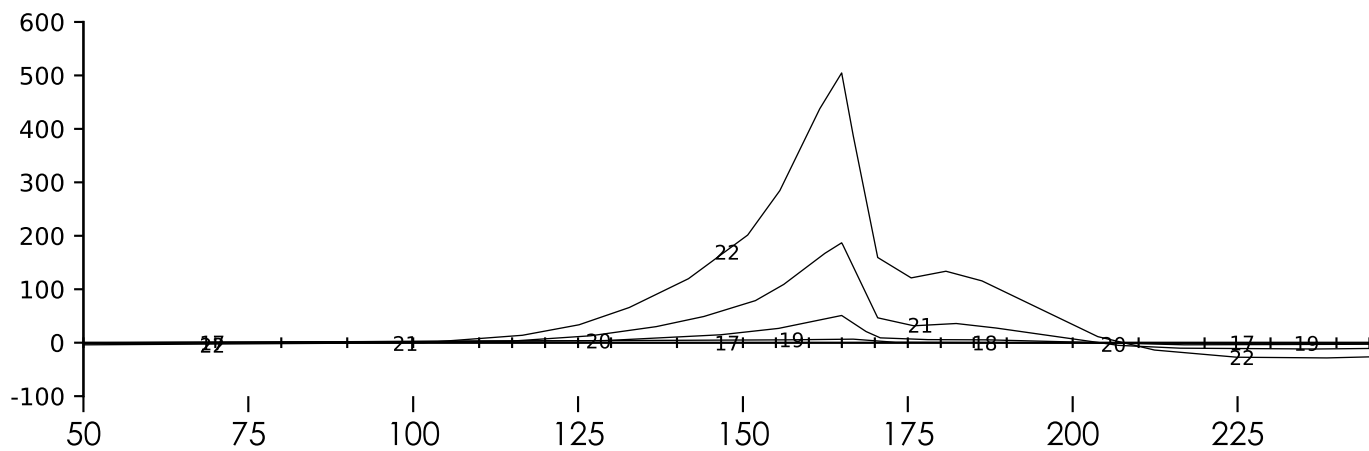
Deviation from TP  
 (% Total Theoretical)



Step Channels 2 - 4  
 Deviation from S1  
 (% Total Theoretical)



Pulse EM Off-time  
 Channels 17 - 22  
 (nT/s)





## Loveland Geochemistry Exercise

Widely spaced core samples were collected from all drill holes in this exploration program for the purpose of accurately determining appropriate names for lithologies intersected and for assessing the core for anomalous metal concentrations and alteration zones.

Alteration indexes, such as the Ishikawa alteration index (A.I.) and the chlorite-carbonate-pyrite index (C.C.P.I.), have been developed to measure the intensity of sericite, chlorite, carbonate, and pyrite replacement of sodic feldspars and glass associated with hydrothermal alteration proximal to the orebodies.

For this exercise, a total of 30 samples were collected from LN25-20-002, LN25-20-003, LN25-20-004 and 20 historic whole rock analysis were utilized from DDH MPL-95-1, EL25-04, EL25-07,.

Extensive zones of bleaching or other alteration styles were not observed during core logging. Visual observations were confirmed with the calculation of The Ishikawa Alteration Index  $[100(\text{MgO}+\text{K}_2\text{O})/(\text{MgO}+\text{K}_2\text{O}+\text{Na}_2\text{O}+\text{CaO})]$  and the Chlorite Carbonate Pyrite Index  $[100(\text{MgO}+\text{FeO})/(\text{MgO}+\text{FeO}+\text{Na}_2\text{O}+\text{K}_2\text{O})]$ .

Least altered rocks generally have A.I. values of between 20 and 70 and from 15 to 90 for the C.C.P.I. (Large et al. 2001)

A standard complete suite of elemental downhole plots have been created by utilizing all whole data available for all six drillholes and will be included for reference at the end of this report.

## **DDH LN25-20-004**

This drill hole was sampled every 1.5 m over its entire length of 242.65 m. Core was sawn in half and half-core was sent for analysis. A standard rock package for processing was used (PREP-31). The entire sample was crushed to better than 70% passing -2mm. Riffle Split off 250g and pulverize split to better than 85% passing 75 microns.

Analysis for hole LN25-20-004 was by the following:

PGM-ICP23: Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight  
ME-ICP61a: Four acid digestion "Near Total", not all elements are quantitatively extracted in some sample matrices.

Analysis for hole LN25-20-001\_002 and 003 was by the following:

PGM-ICP23: Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight  
ME-ICP81: Sodium Peroxide Fusion/ICP Finish.

Al<sub>2</sub>O<sub>3</sub> As CaO Co Cr<sub>2</sub>O<sub>3</sub> Cu Fe<sub>2</sub>O<sub>3</sub> K<sub>2</sub>O MgO MnO Ni Pb S SiO<sub>2</sub> TiO<sub>2</sub> Zn

## **Downhole Profiles (See attached files)**

Down hole profiles document a suite of major and trace elements that define a diagnostic geochemical response in samples collected from the core.

Additionally, samples were collected specifically to examine responses from an intermediate-felsic fragmental volcanic unit. This lithology occurs between andesite and andesitic basalt and is mineralized with up to 1.5% chalcopyrite and 10% pyrrhotite.

In an exhalative environment, this volcanoclastic fragmental unit potentially represents the time stratigraphic equivalent of a massive sulphide depositional surface and therefore contains geochemical signatures of metals deposited from that mineralizing system.

Distinctive responses in this fragmental volcanoclastic unit include elevated Pb, Zn, Mo, S and La. The Zn, Mo, Pb and S are likely related to the presence of small quantities of base metal sulphides. The unit is also depleted in Mg, Fe, Ca, P, Mn, Sr and Sc reflecting its distinctive composition as compared to overlying and underlying lithologies.

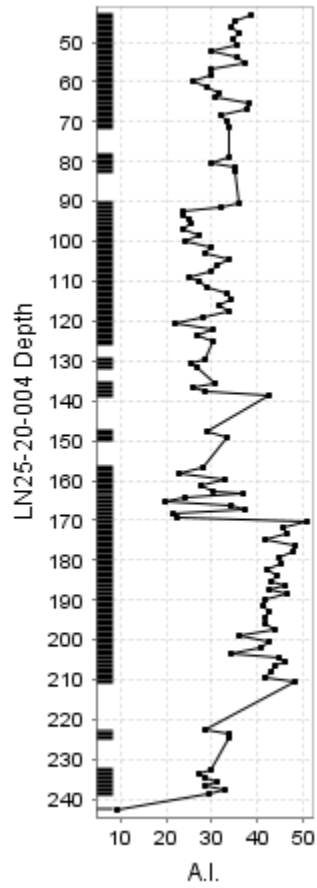
Interestingly, despite up to 1.5% chalcopyrite in the unit there is no diagnostic Cu response in the down hole profile.

Other patterns of note in the profiles for DDH LN25-20-004 include elevated coincident Au and Cu between 100 m and 125 m and a modest Na-depleted zone between 135 m and 145 m.

Values for the A.I. and C.C.P.I. indices (LN25-20-004) were 29-52 for the A.I. and 59-80 for the C.C.P.I. which fall in the least altered category suggesting no significant alteration zone has been intersected by this drill hole. See Figure 1 and 2

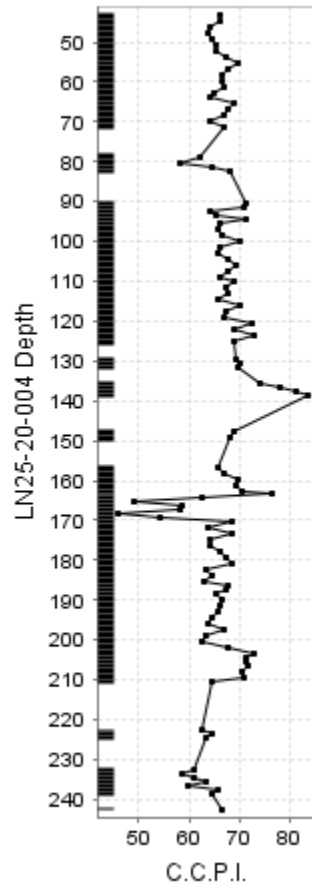
A suite of binary metal plots have been created for hole LN25-20-004 and will be included for reference at the end of this report.

### LN25-20-004



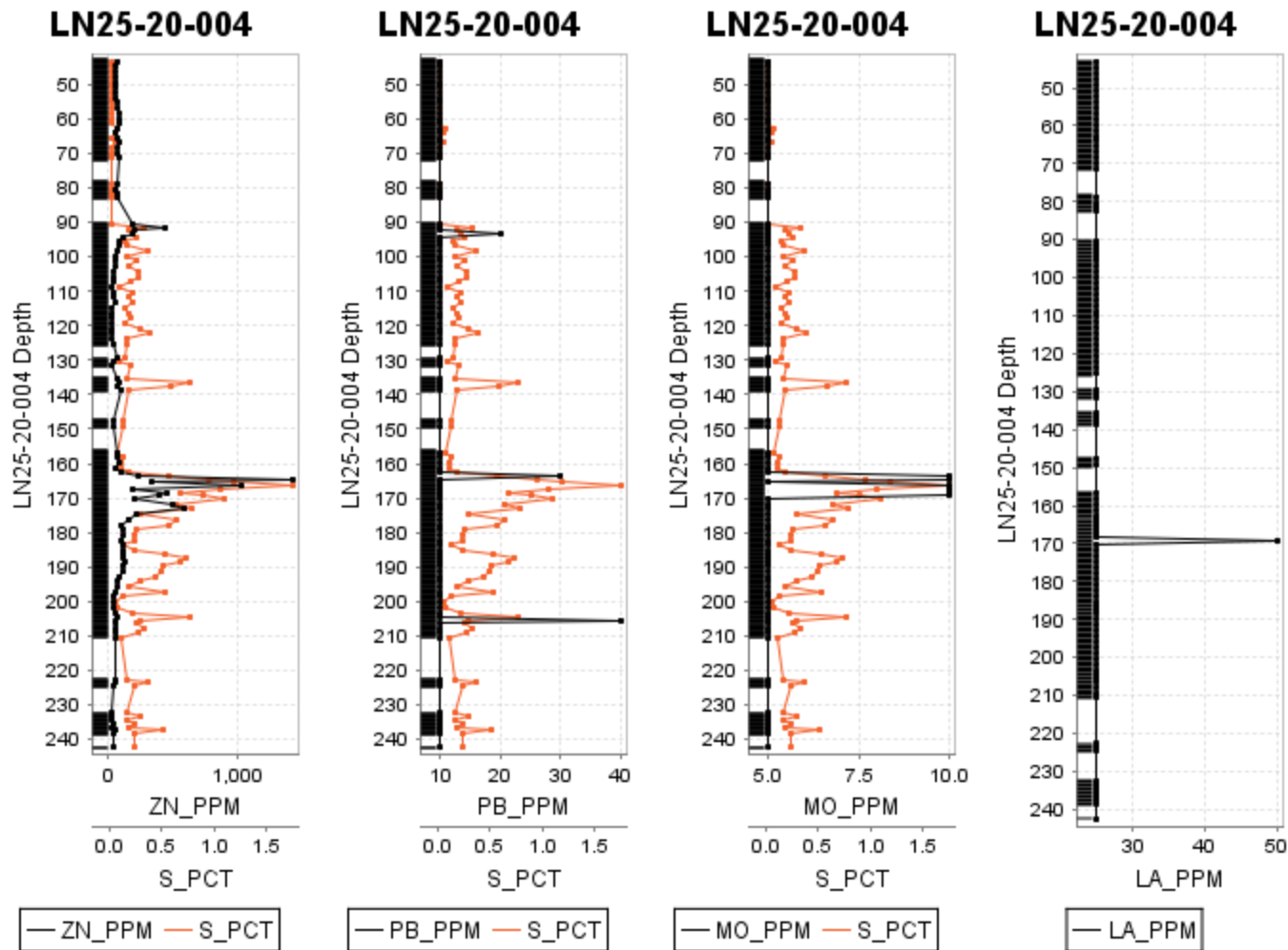
— A.I.

### LN25-20-004

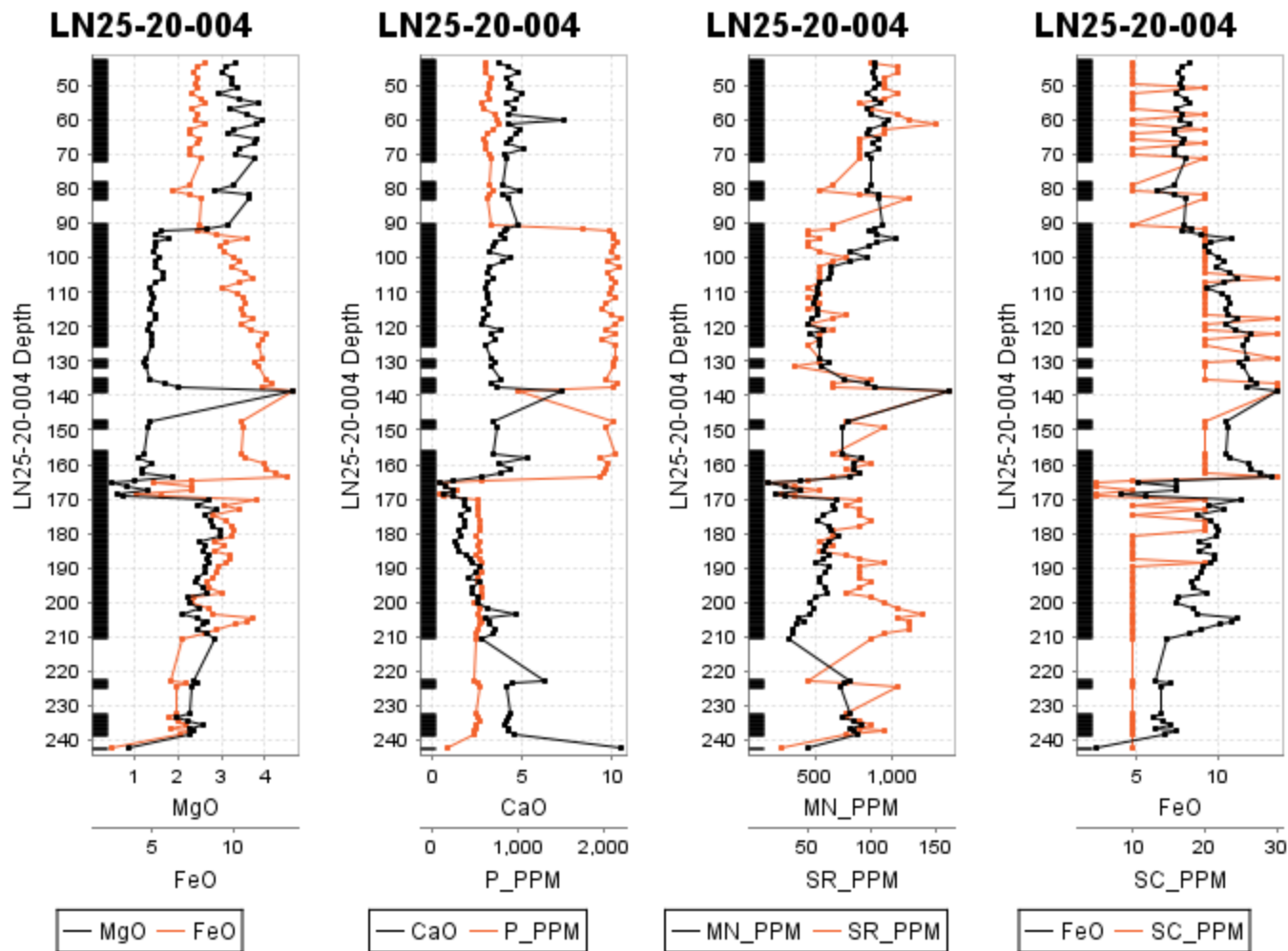


— C.C.P.I.

Figure 1 and 2: Ishikawa Alteration Indices (A.I.) and Chlorite Alteration Indices for core samples from Loveland drill hole LN25-20-004.



Enriched metal responses in downhole profiles, DDHLN25-20-004. Fluid migration maybe from below and migrated up until it hit the fragmental volcanoclastic which may represent a depositional surface.



Depleted metal responses in downhole profiles, DDHLN25-20-004. This illustrates the distinctive differences between the bulk chemical composition of the lithologies TrachyAndesite, Andesite, Intermediate Fragmental Volcaniclastic, and Intermediate Porphyry intersected in this hole.

### **DDH LN25-20-001,002, 003**

The analysis below are based solely on ddh core samples. Core was sawn in half and half-core was sent for analysis. A standard rock package for processing was used (PREP-31). The entire samples was crushed to better than 70% passing -2mm. Riffle Split off 250g and pulverize split to better than 85% passing 75 microns.

Analysis for hole LN25-20-001\_002 and 003 was by the following:

PGM-ICP23: Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight

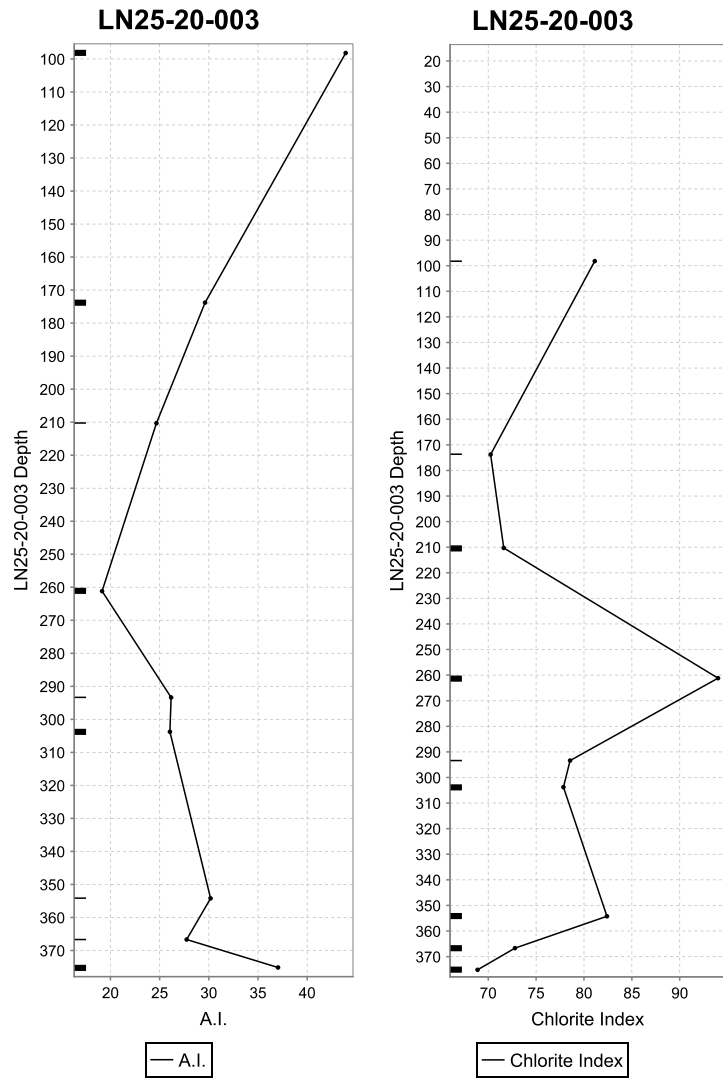
ME-ICP06: Sodium Peroxide Fusion/ICP Finish.

ME-MS81: Trace Elements by Lithium Borate Fusion

ME-4ACD81: Four acid digestion and ICP-AES

S-IR08: Total Sulphur (IR Spectroscopy)

Values for these indices (LN25-20-003) were 19-44 for the A.I. and 69-94 for the C.C.P.I. which indicates that no significant alteration zone has been intersected. See Figures 3 and 4 below.





Values for the Ishikawa indices and the Chlorite-Carbonate-Pyrite Indices were calculated on six available drillholes that contained whole rock data. See Figures 5 and 6 below

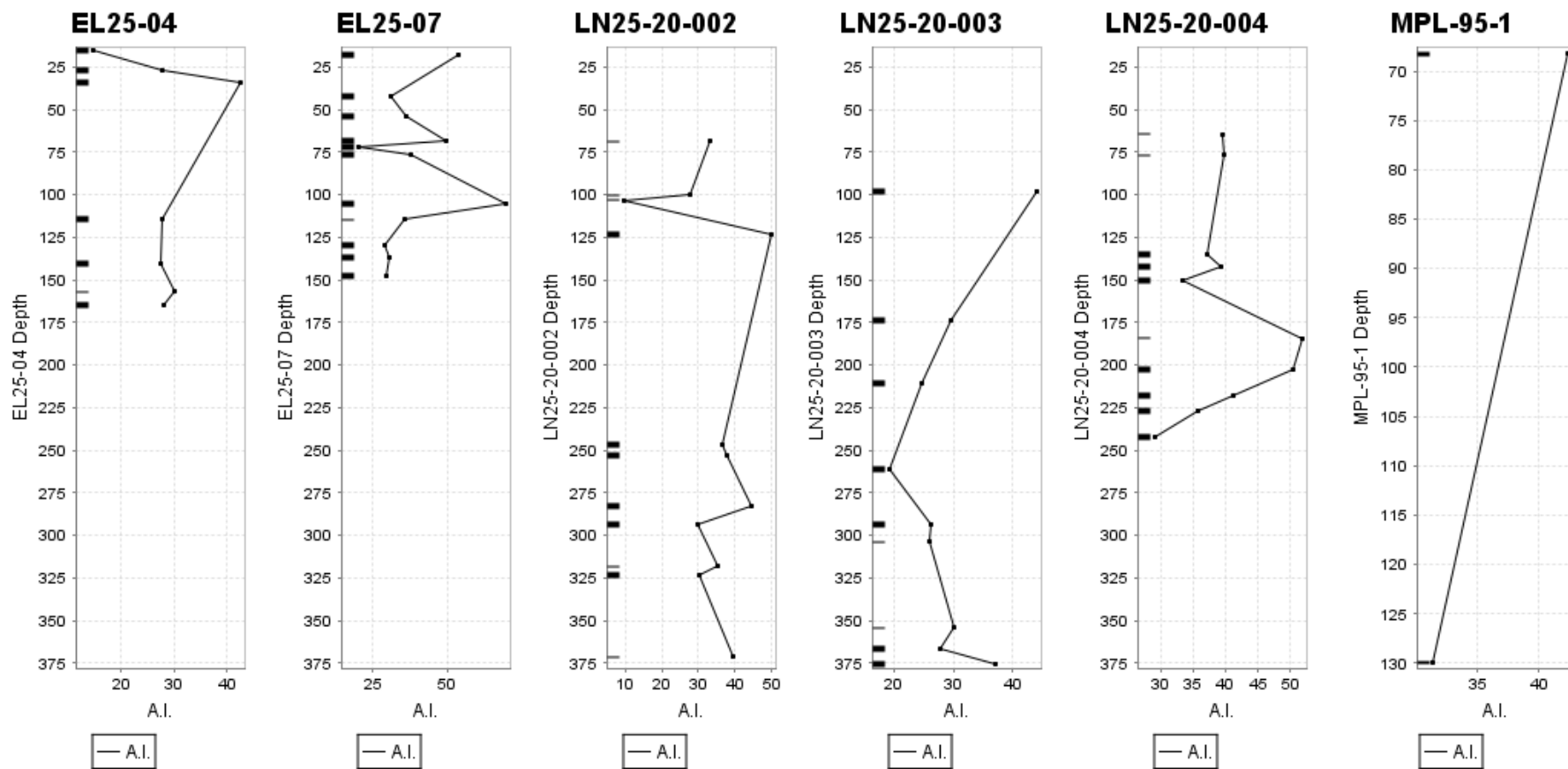


Figure 5: Ishikawa Alteration Indices (A.I.) for Historic and Loveland 2020 whole drillcore.

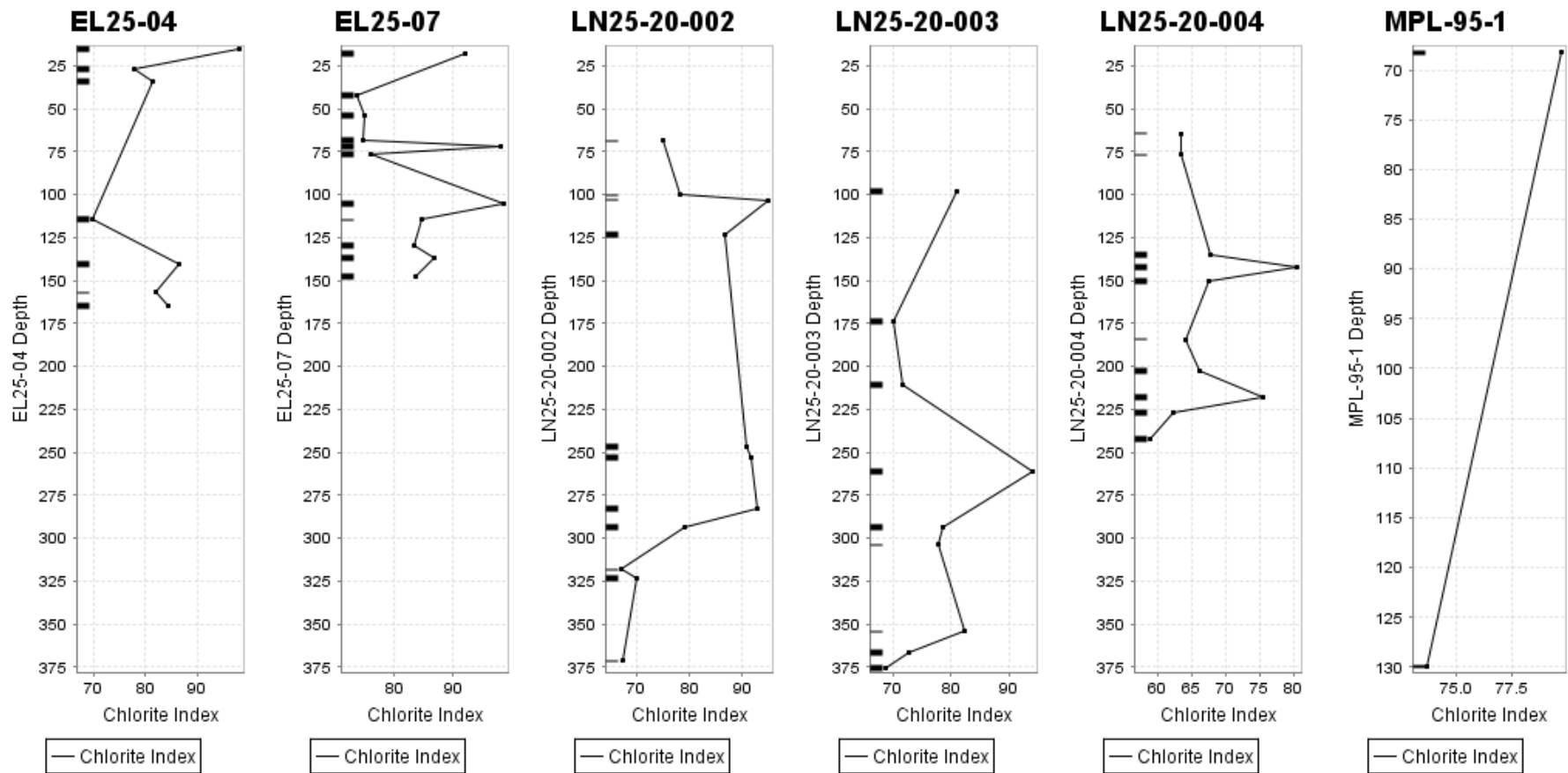


Figure 6: Chlorite Alteration Indices (C.C.P.I.) for Historic and Loveland 2020 whole drillcore.

## Rare Earth Elements Profiles

Chondrite normalized REE profiles were created for samples collected from DDH LN25-20-002, LN25-20-003, LN25-20-004 and historical analysis available from DDH EL25-04, EL25-07, and MPL-95-1. The profiles were undertaken to characterize the REE profiles for intersected lithologies and to further assess the profiles for alteration effects.

Review of the profiles in Figure 8 indicate there are a number of samples with distinctive elevated LREE responses. The samples with these patterns are summarized in Table 1.

Unaltered samples with distinctive REE patterns include sample 260857 which is a gabbro intrusion (flat pattern) and sample 260880 which is a quartz feldspar porphyry (strongly LREE enriched).

Samples of basalt that have either been epidote- or biotite-altered (sample 260853 and 260876 and 260877, respectively) and chloritized and silicified (sample 260878) have LREE-enriched profiles.

Table 1. Distinctive Rare earth element profiles for select and least altered lithologies.

Sample	Lithology	REE Profile
260852	porphyritic andesite	LREE elevated
260853	epidote-altered andesite	LREE elevated; positive Eu
260857	gabbro	flat
260871	amygdaloidal basalt	LREE elevated
260872	amygdaloidal basalt	LREE elevated
260876	biotite-altered amygdaloidal basalt	LREE elevated
260877	biotite-altered amygdaloidal basalt	LREE elevated
260878	chloritic-silicified andesitic basalt	LREE elevated
260880	quartz feldspar porphyry	LREE elevated

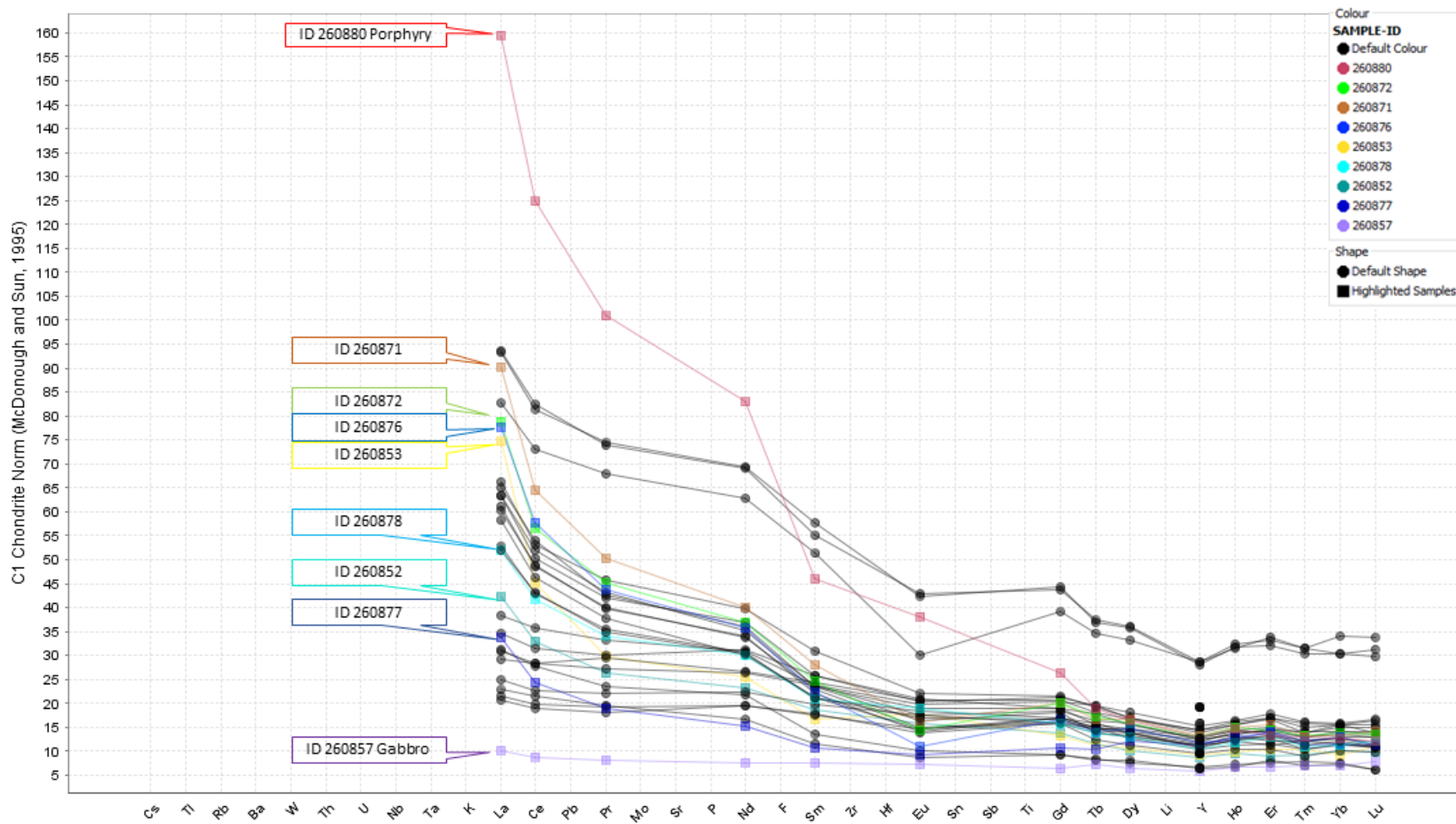


Figure 8: Chondrite normalized (McDonough and Sun (1995) rare earth element patterns, Loveland lithologies.

## **GEOCHEMICAL CONCLUSIONS**

1. The lithologies intersected during drilling on the Loveland property are generally weakly altered as demonstrated by the lack of strongly bleached and silicified intervals. This is confirmed by the least altered indices calculated for the Ishikawa and Chlorite Indices.
2. Distinctive light rare earth element profiles are noted for epidote-or biotite-altered (samples 260853 and 260876 and 260877, respectively) and chloritized and silicified (sample 260878). These samples have somewhat elevated LREE-enriched profiles.
3. Distinctive downhole profiles for major and trace elements in DDH LN25-20-004 are present in a 5.8 m interval of intermediate compositional fragmental volcanoclastic that occurs between 163.9 m and 169.7 m. Elevated Pb, Zn, Mo, S and lesser La and depleted Mg, Fe, Ca, P, Mn, Sr and Sc are noted. This lithologic unit occurs at an apparent break in volcanism between two Andesitic units and could be a distal time-stratigraphic equivalent of an exhalite layer.

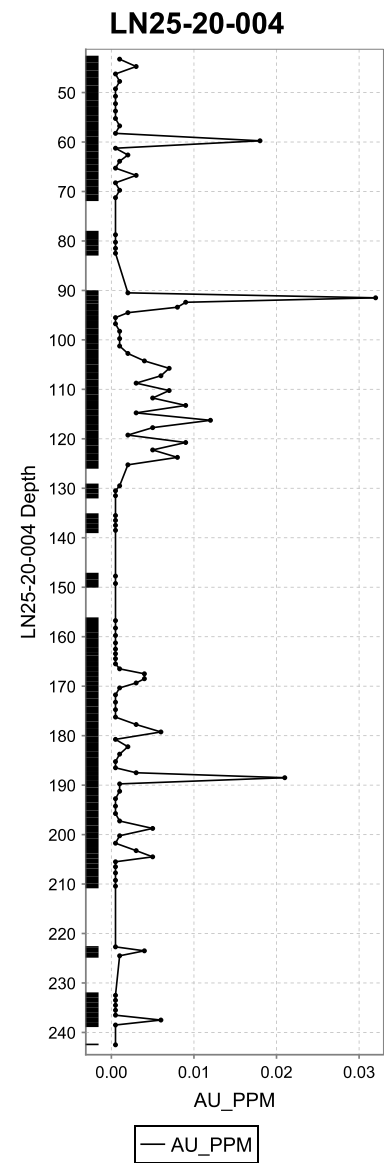
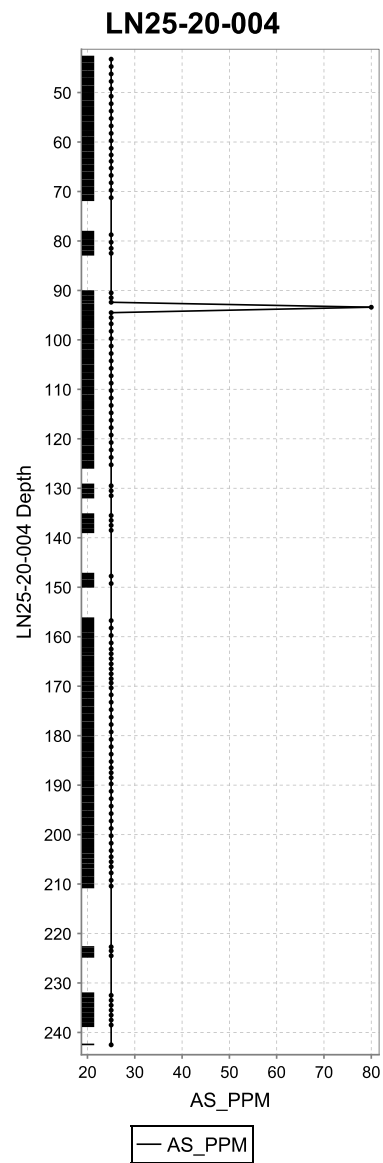
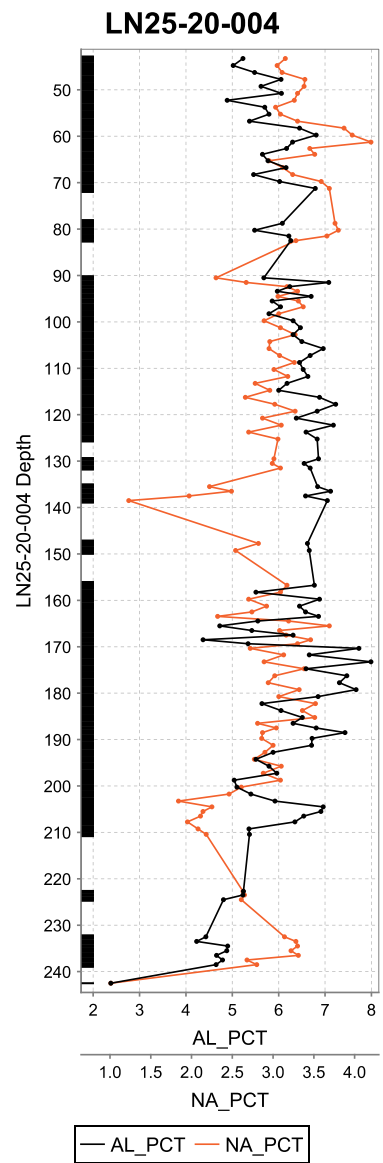
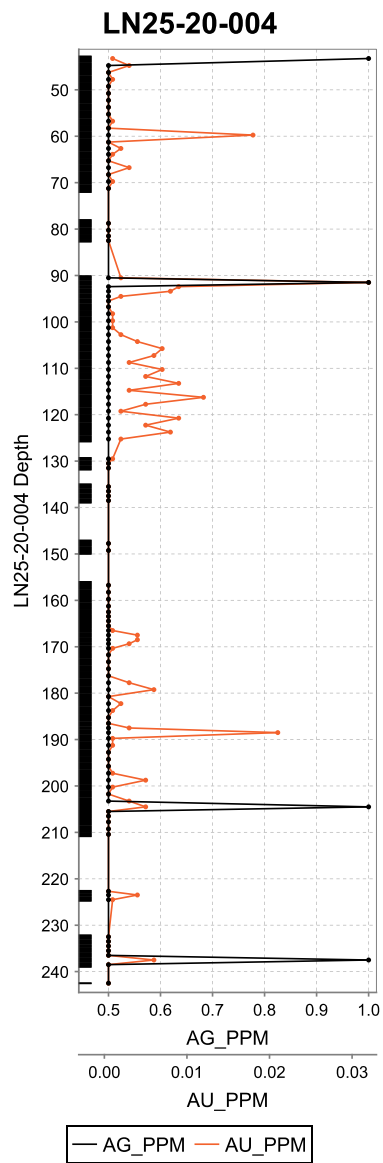
## REFERENCES

McDonough, W.F. and Sun, S.-S. (1995) The Composition of the Earth. *Chemical Geology*, 120, 223-253.

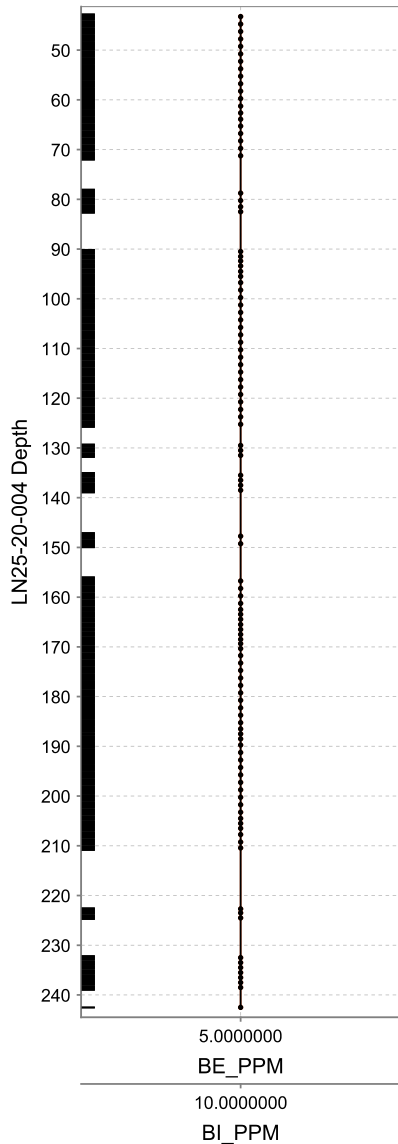
Large, R.R., Gemmel, J.B., Paulick, H. and Huston, D.L. (2001) The Alteration Box Plot: A Simple Approach to Understanding the Relationship between Alteration Mineralogy and Lithogeochemistry with Volcanic-Hosted Massive Sulfide Deposits. *Economic Geology* Vol. 96, pp.957-971

**Binary metal plots for hole LN25-20-004 (See Below)**



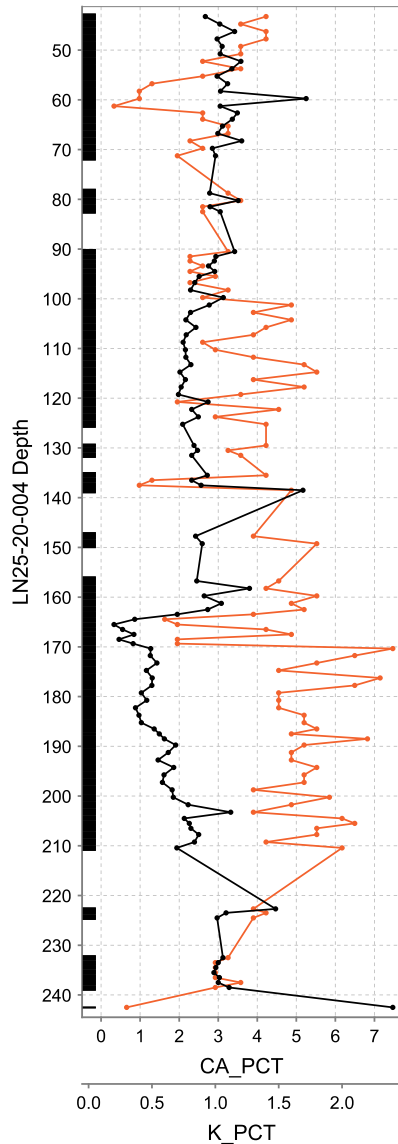


LN25-20-004



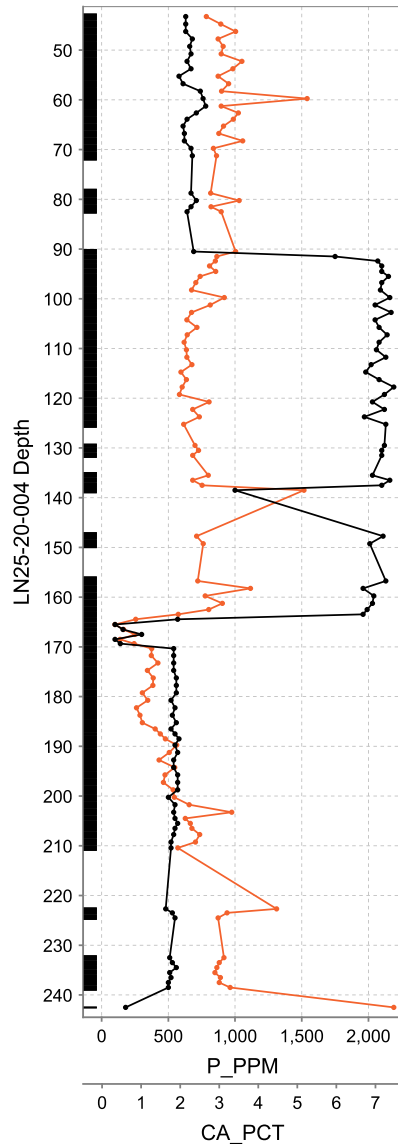
— BE\_PPM — BI\_PPM

LN25-20-004



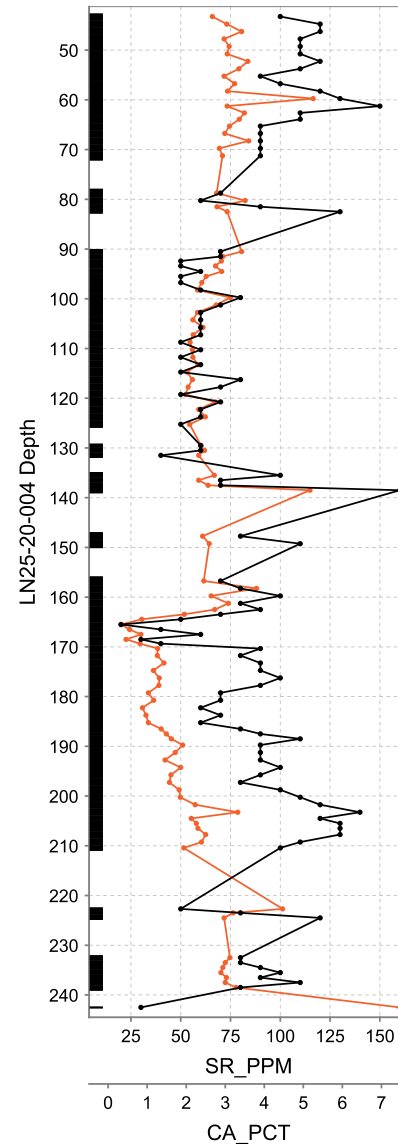
— CA\_PCT — K\_PCT

LN25-20-004

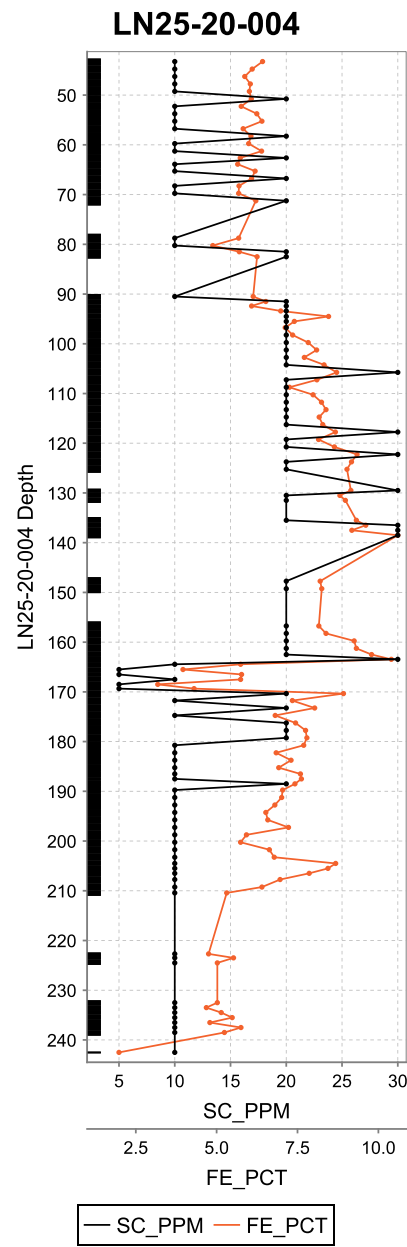
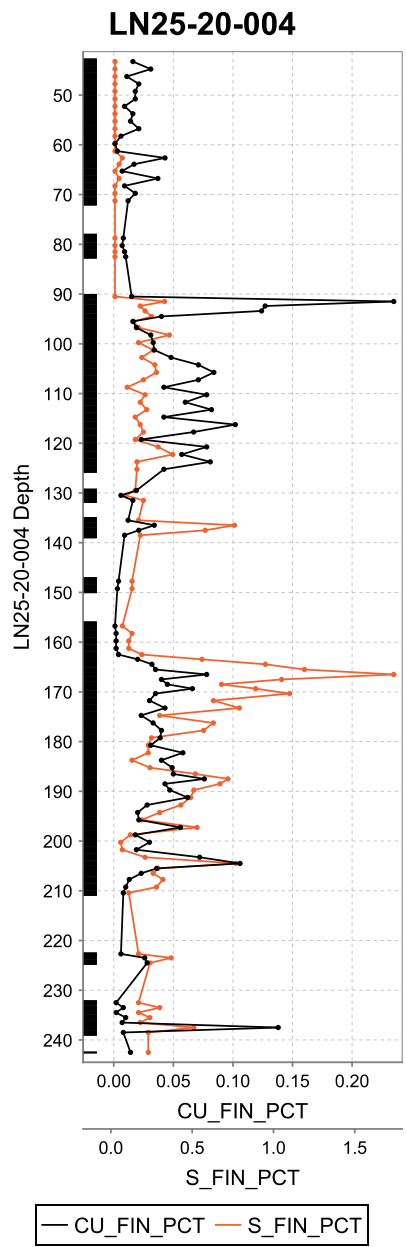
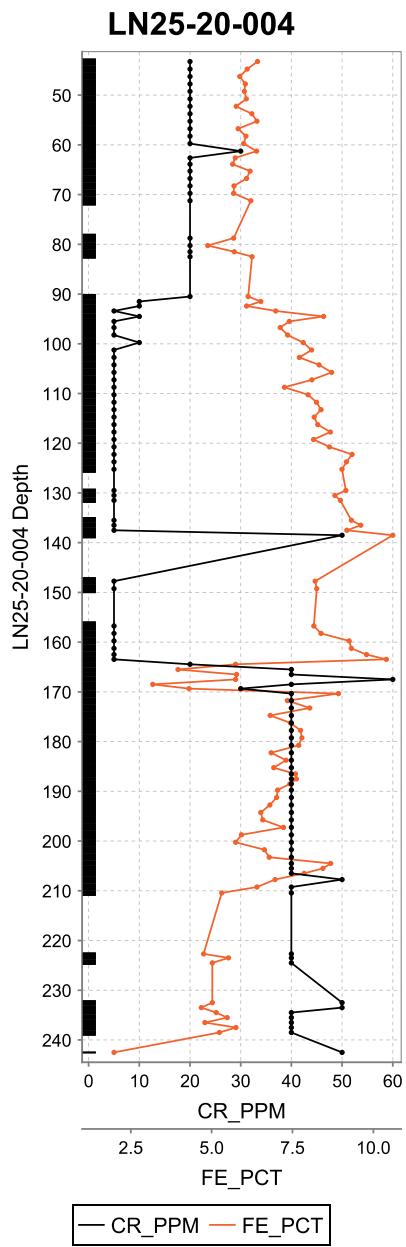
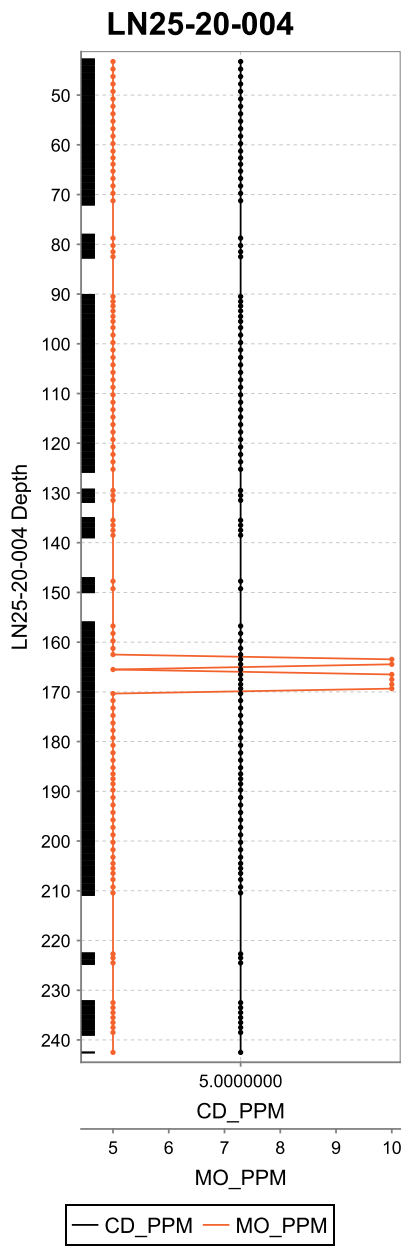


— P\_PPM — CA\_PCT

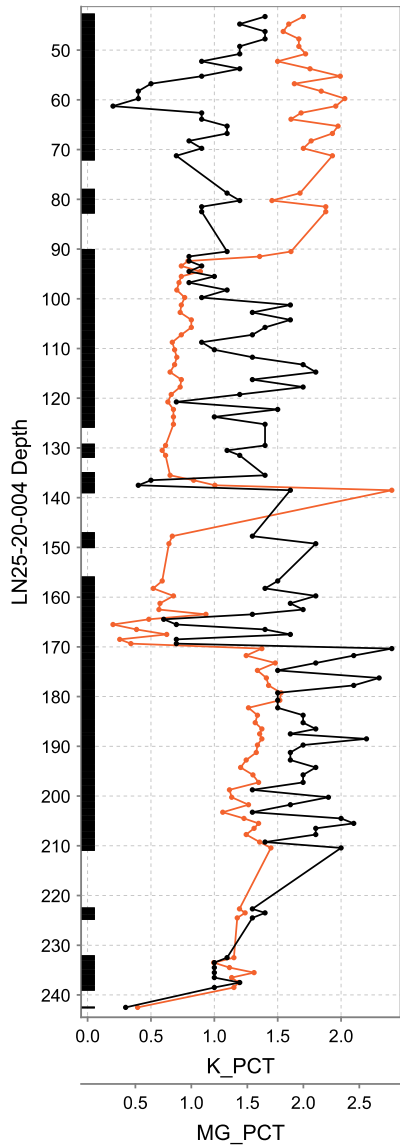
LN25-20-004



— SR\_PPM — CA\_PCT

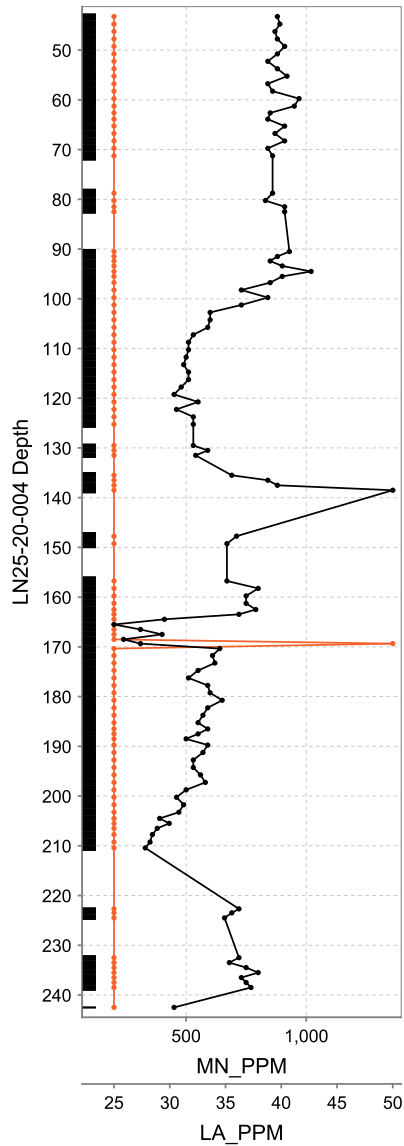


LN25-20-004



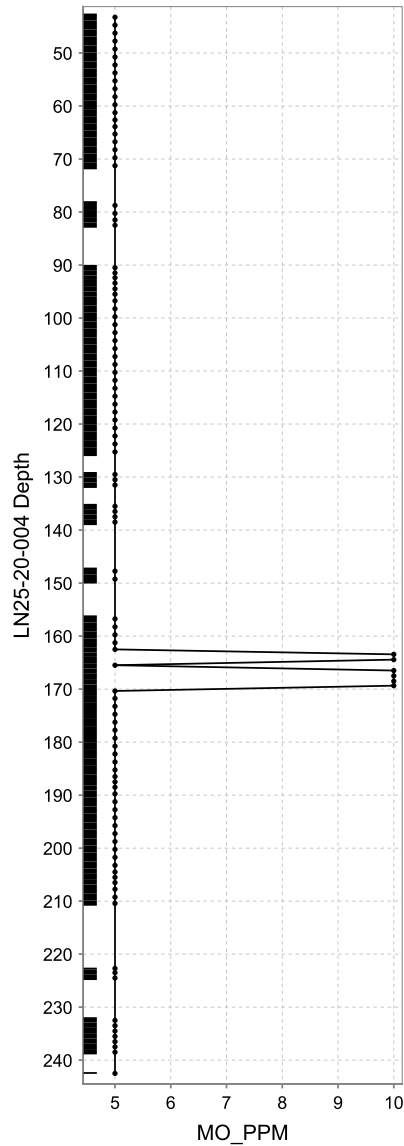
— K\_PCT — MG\_PCT

LN25-20-004



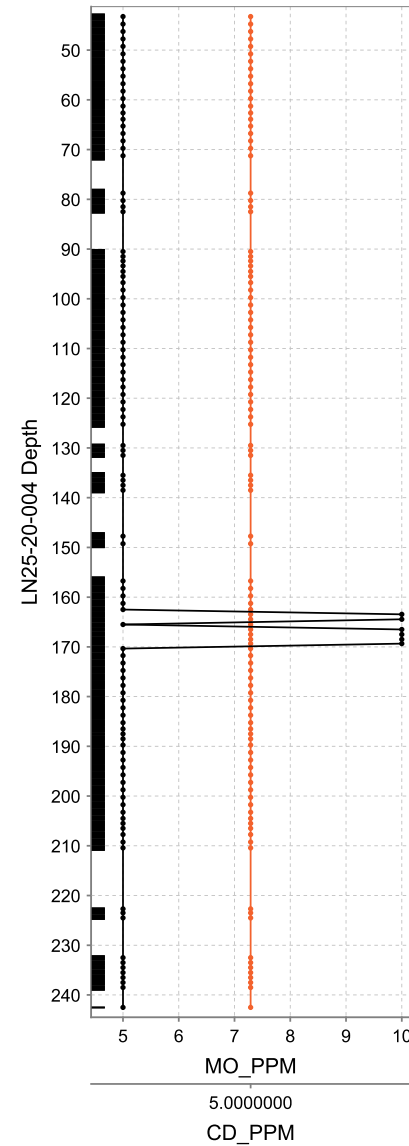
— MN\_PPM — LA\_PPM

LN25-20-004

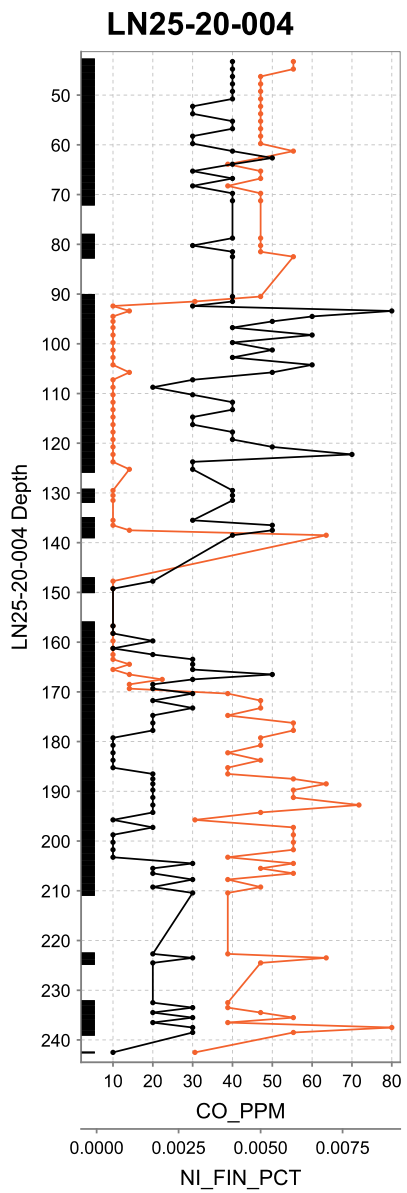


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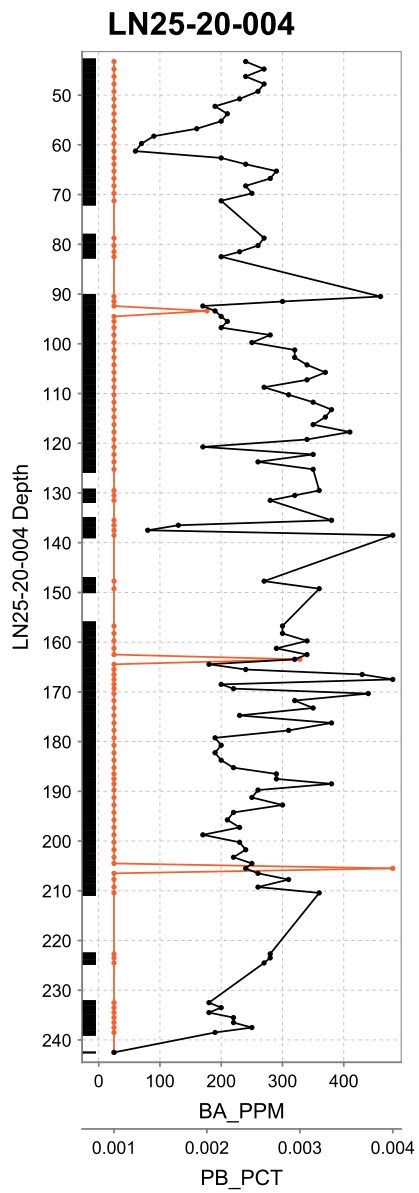
LN25-20-004



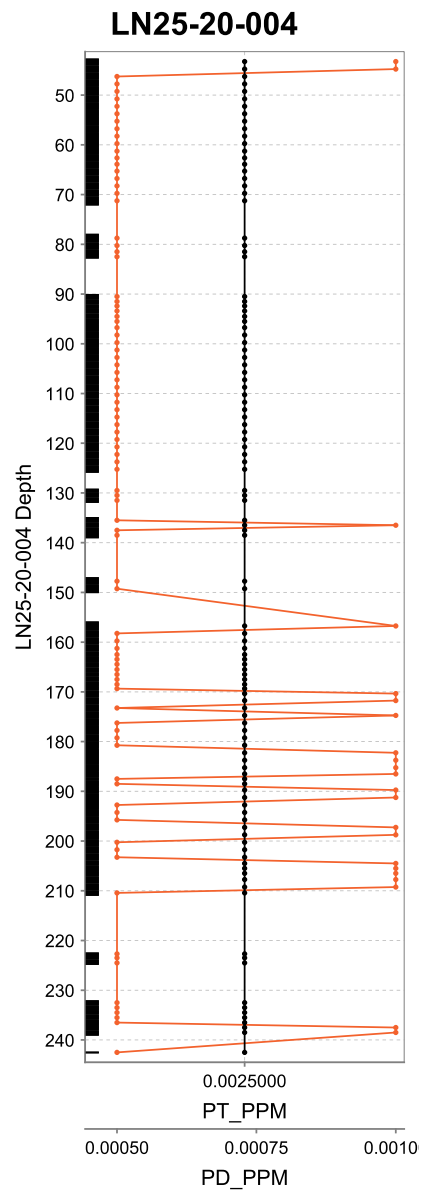
— MO\_PPM — CD\_PPM



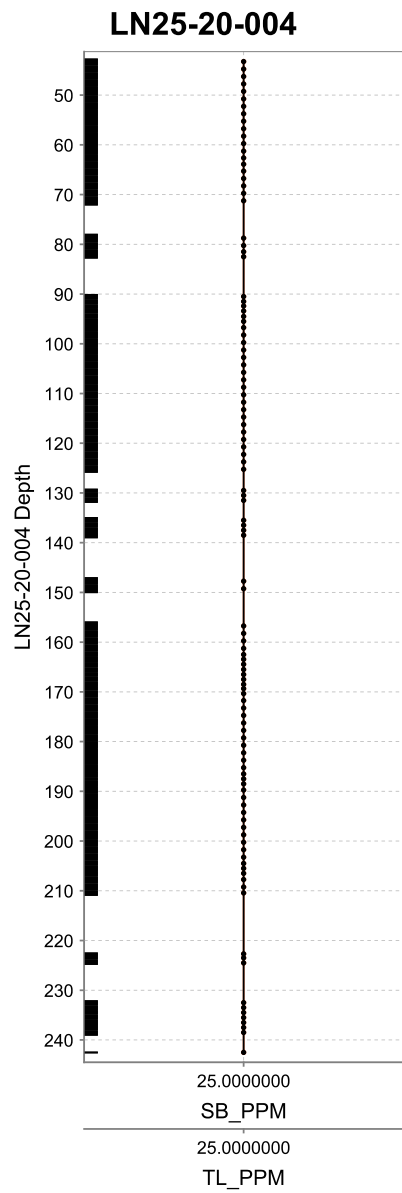
— CO\_PPM — NI\_FIN\_PCT



— BA\_PPM — PB\_PCT

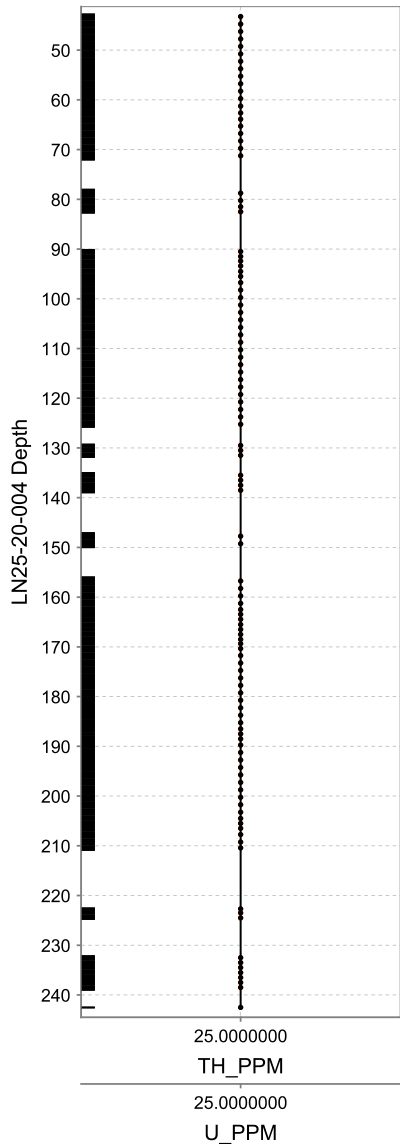


— PT\_PPM — PD\_PPM



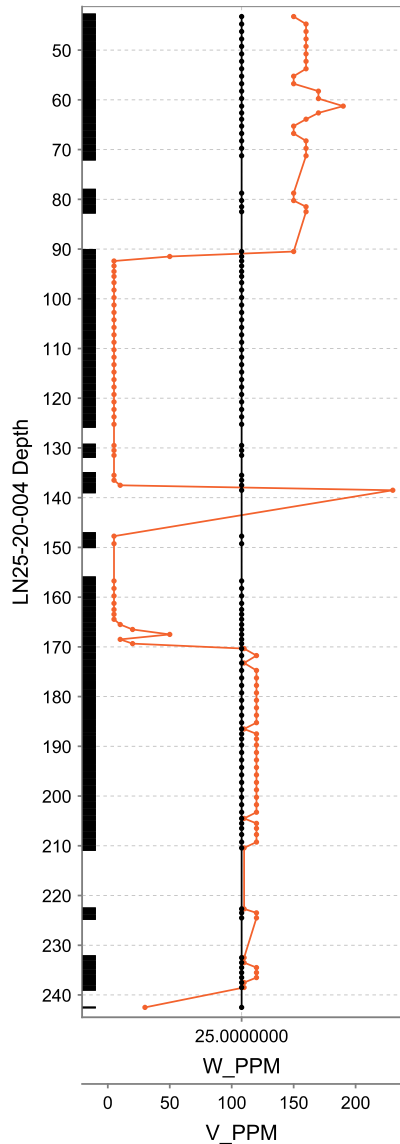
— SB\_PPM — TL\_PPM

LN25-20-004



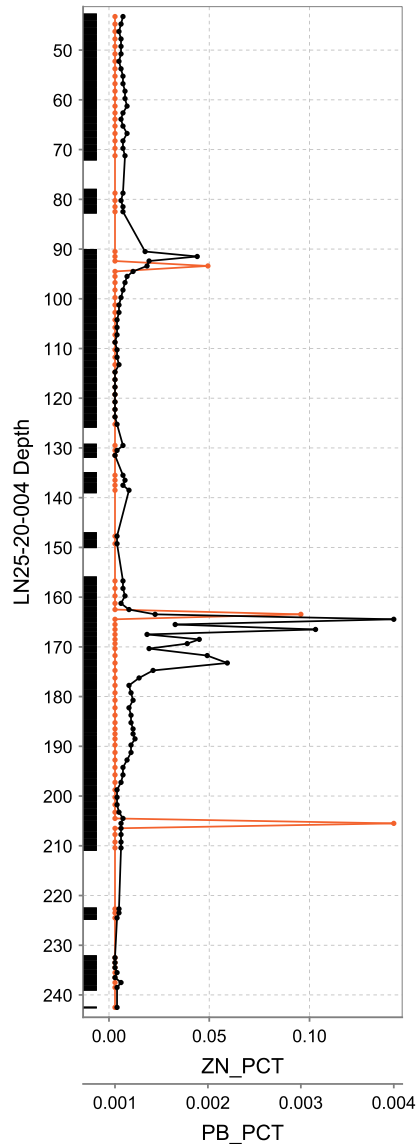
— TH\_PPM — U\_PPM

LN25-20-004



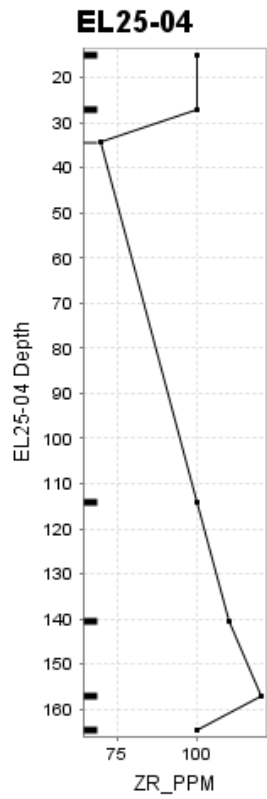
— W\_PPM — V\_PPM

LN25-20-004

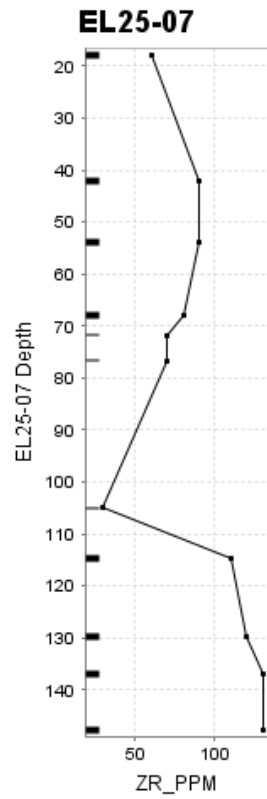


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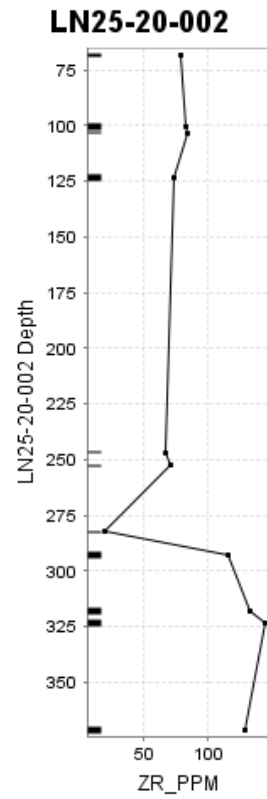
**Complete suite of elemental downhole plots on all whole rock data (See Below)**



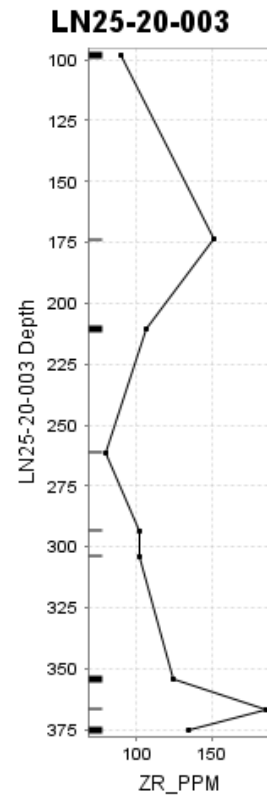
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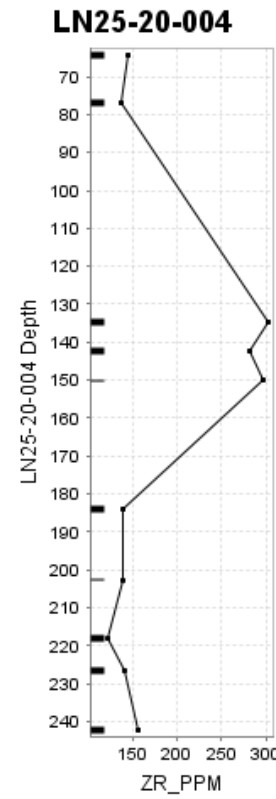
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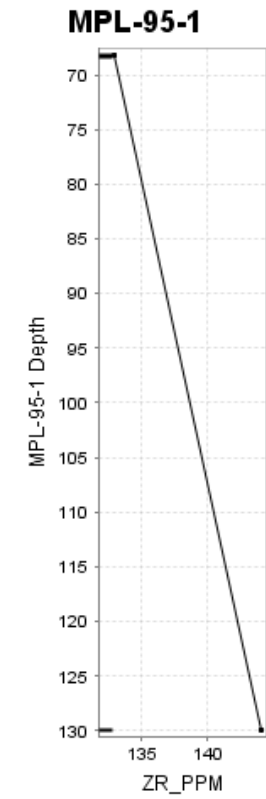
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— ZR\_PPM

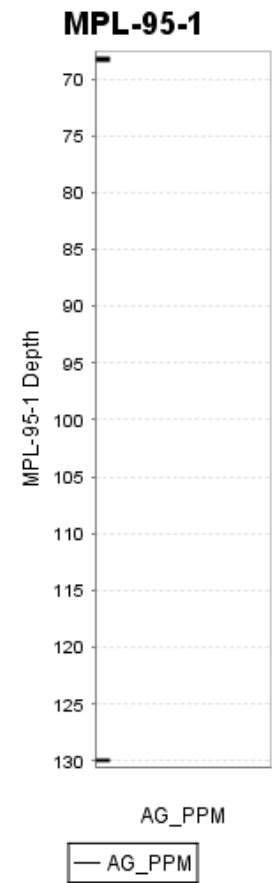
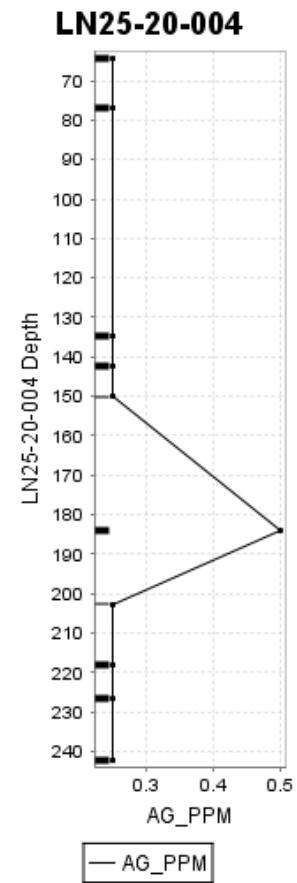
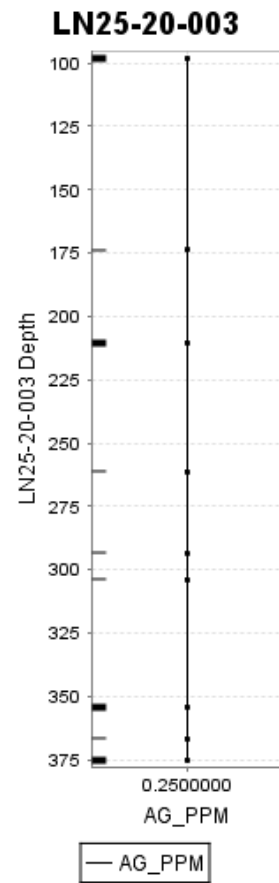
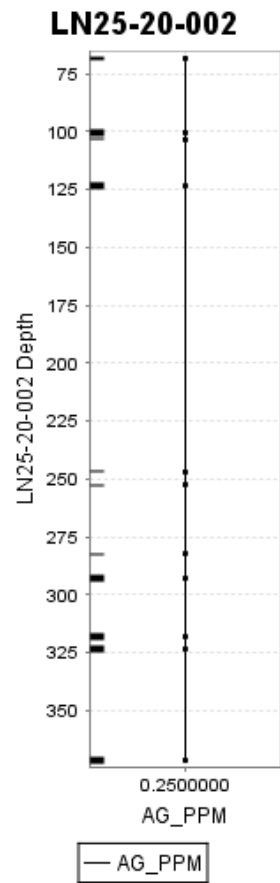
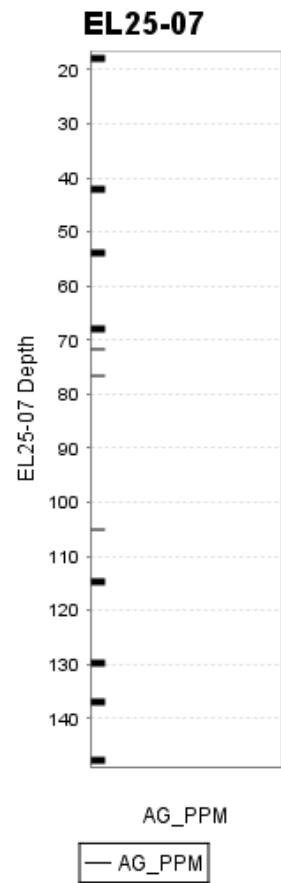
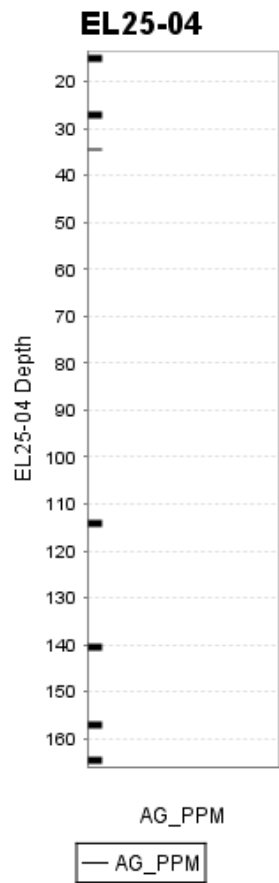


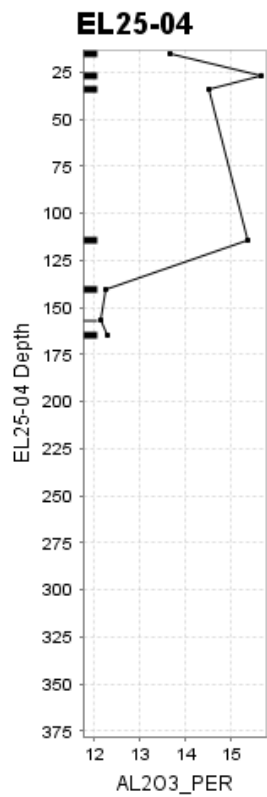
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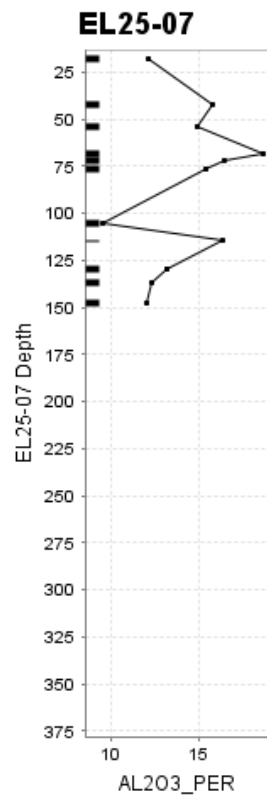
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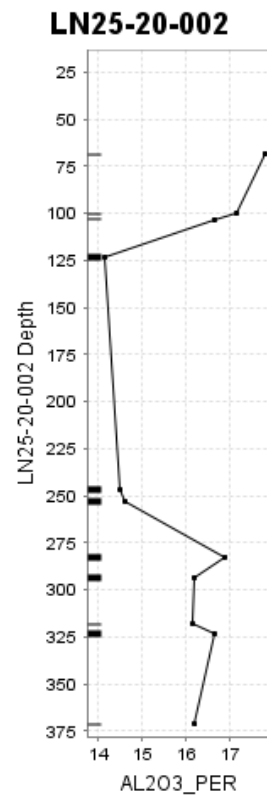




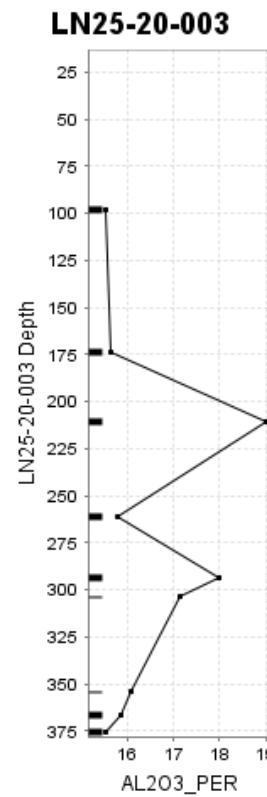
— AL203\_PER



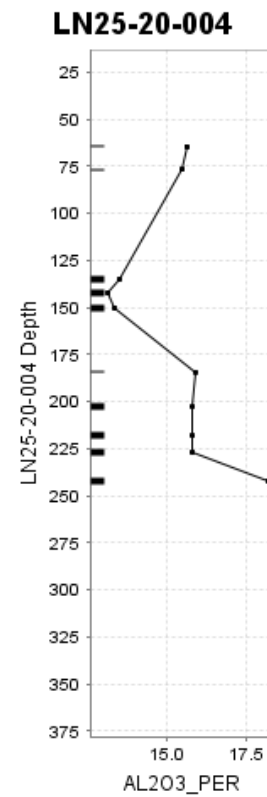
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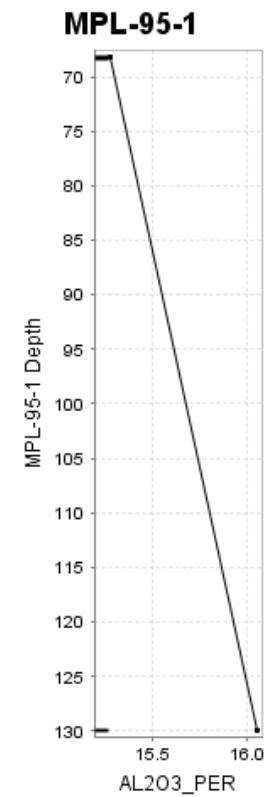
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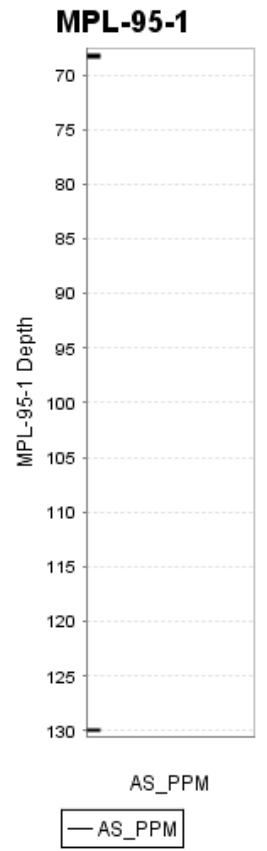
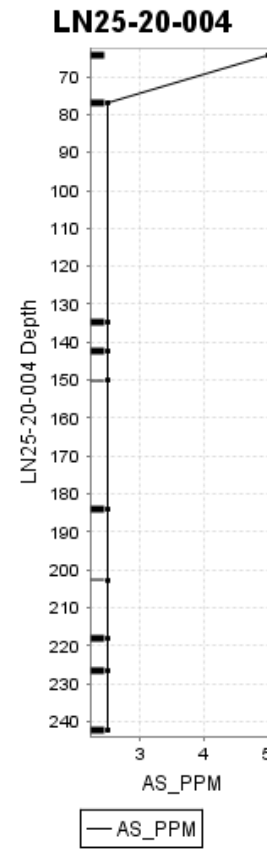
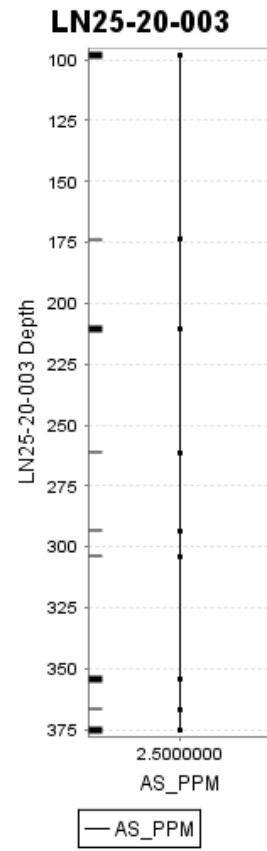
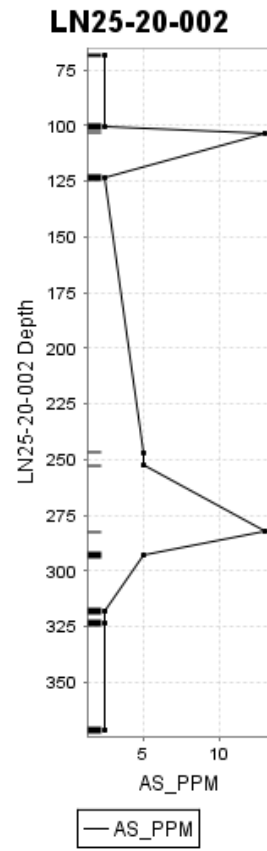
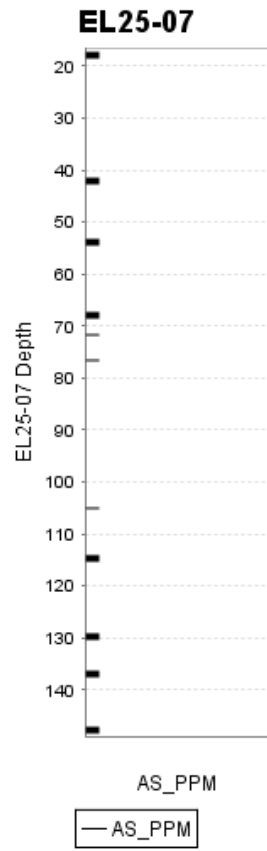
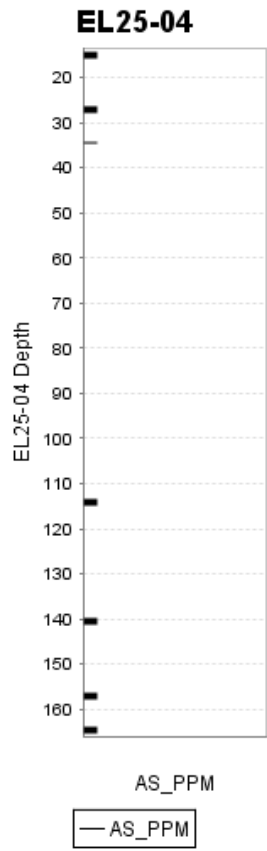
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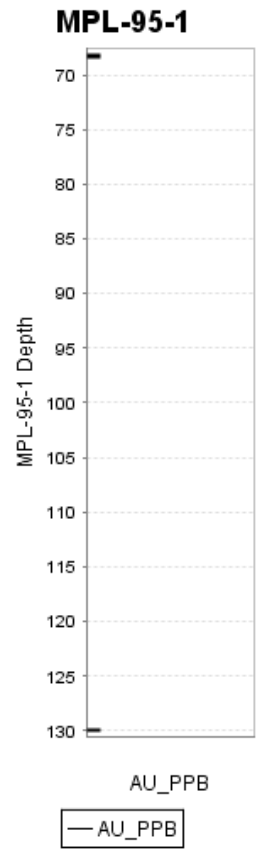
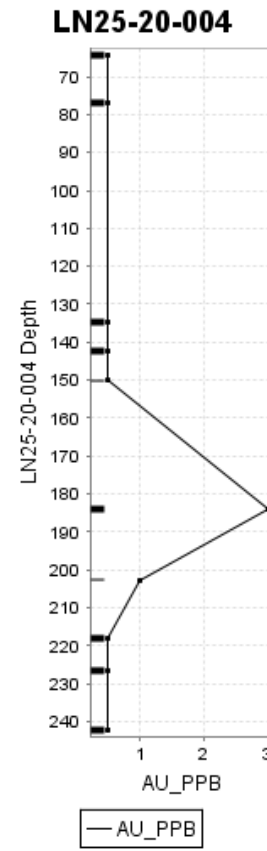
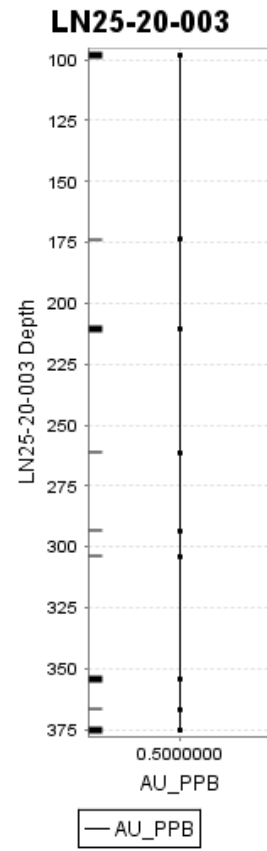
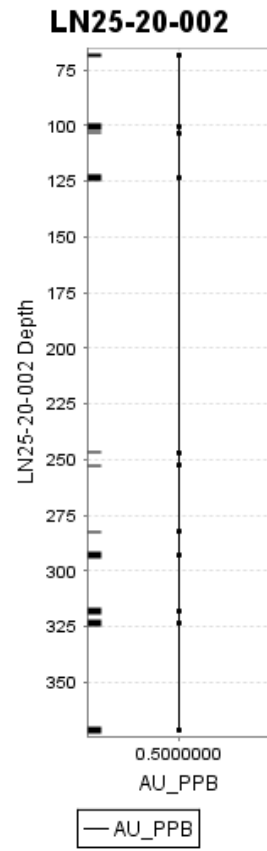
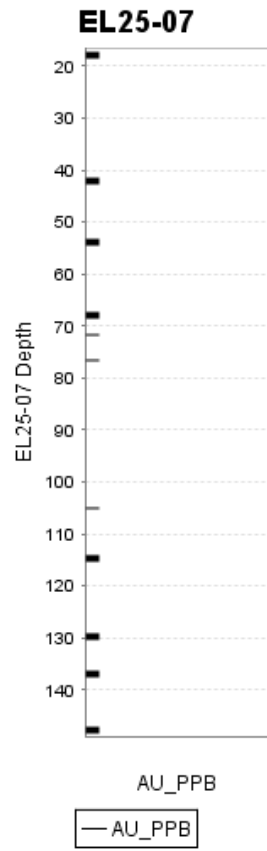
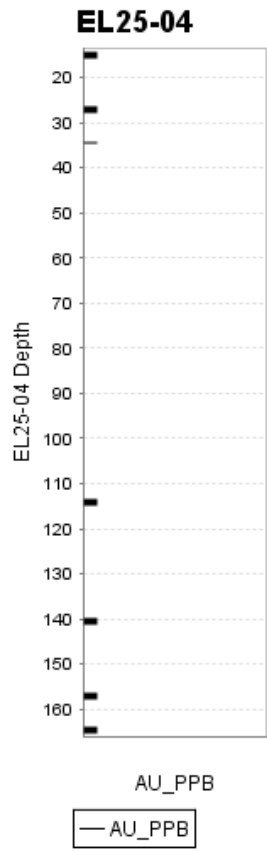


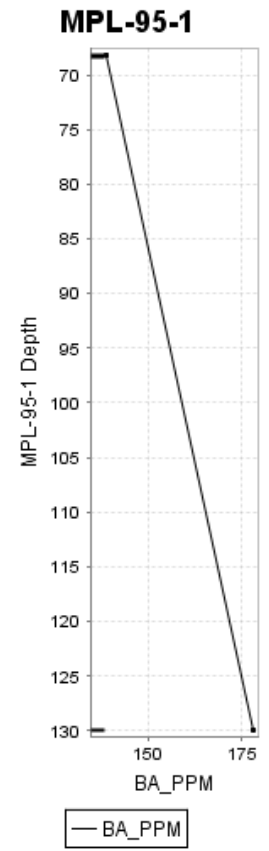
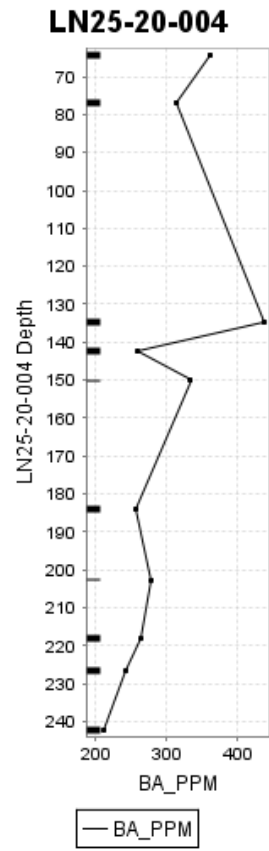
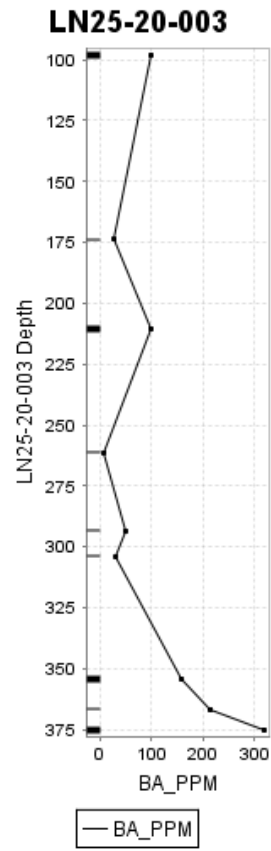
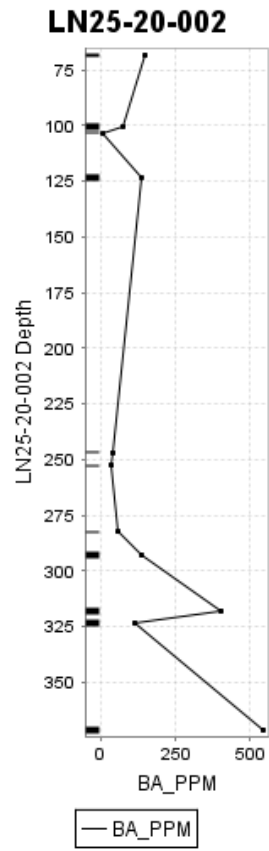
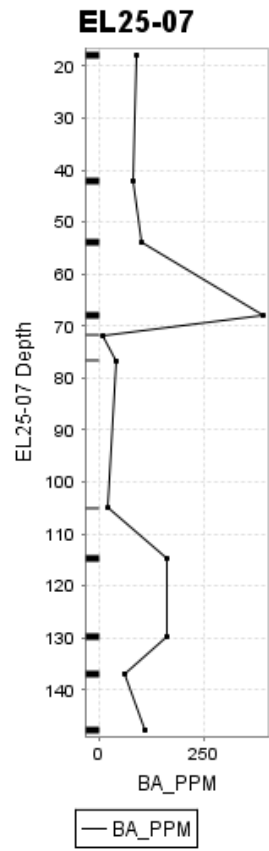
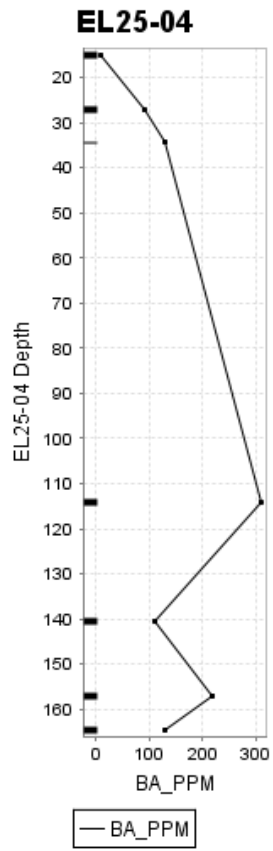
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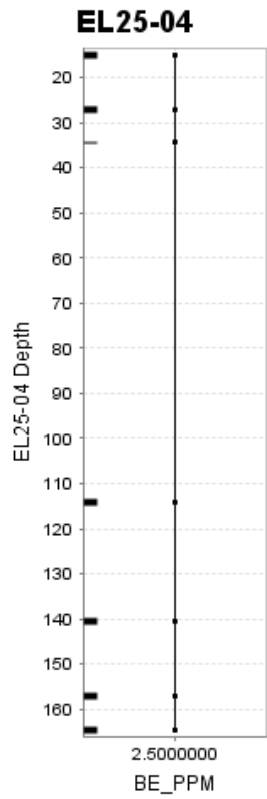


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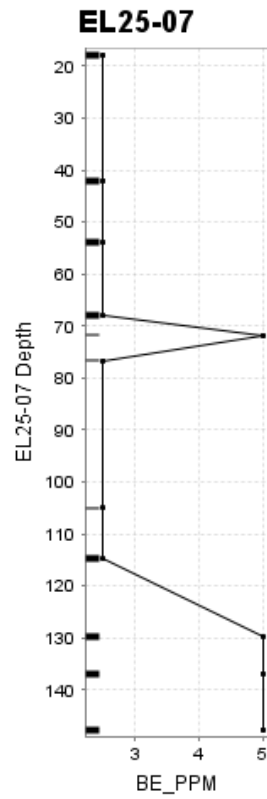




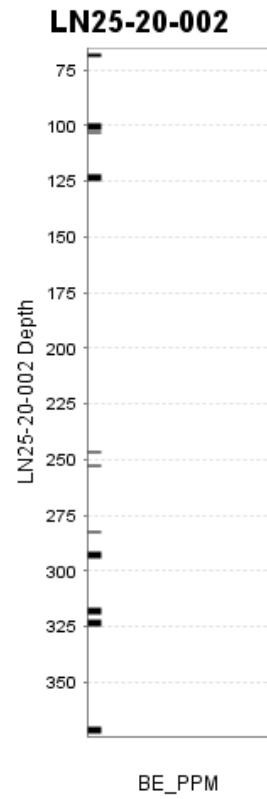




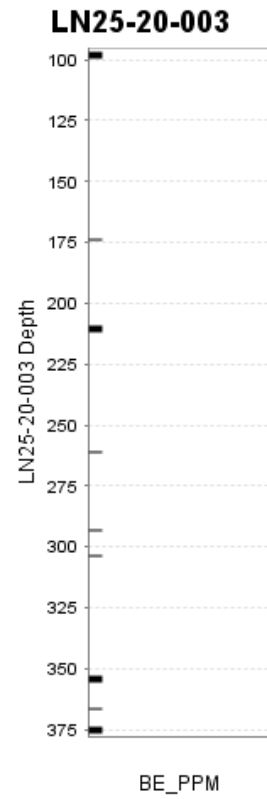
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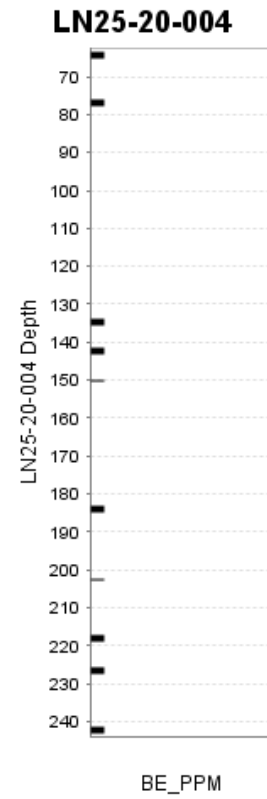
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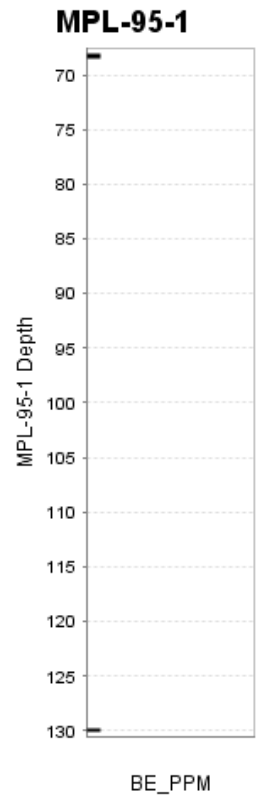
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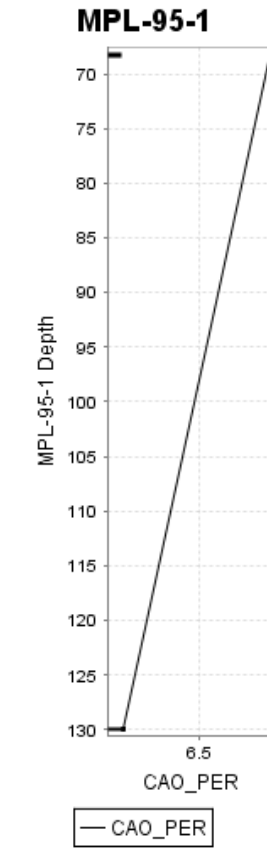
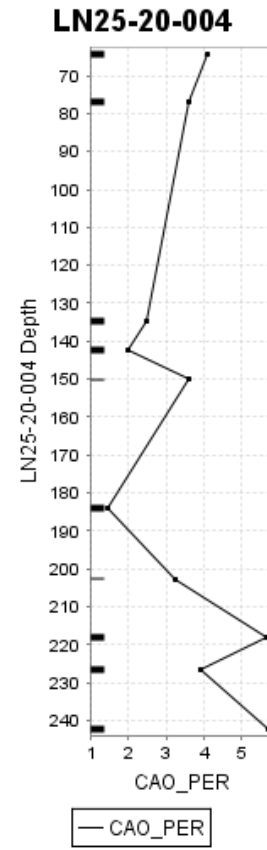
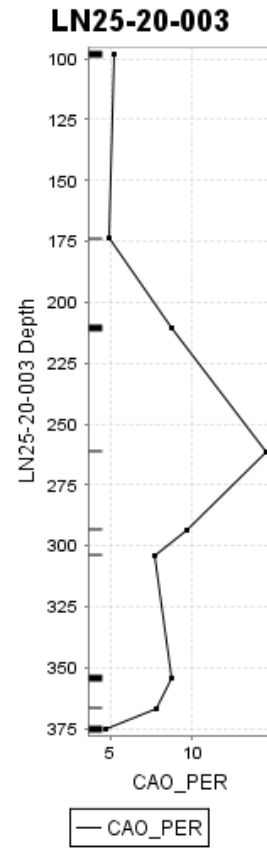
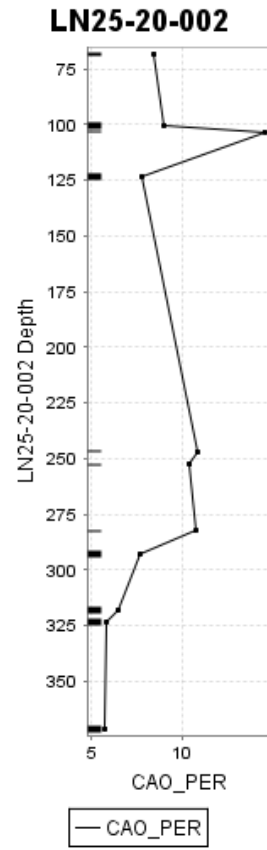
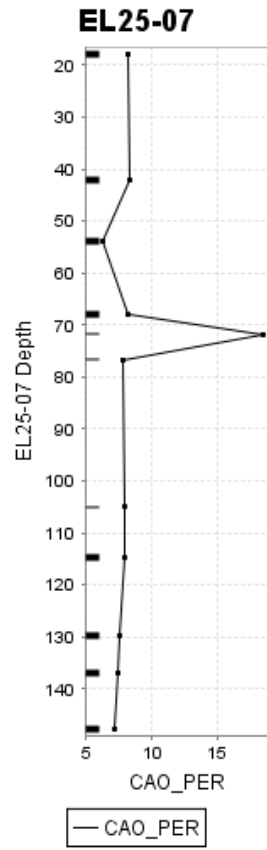
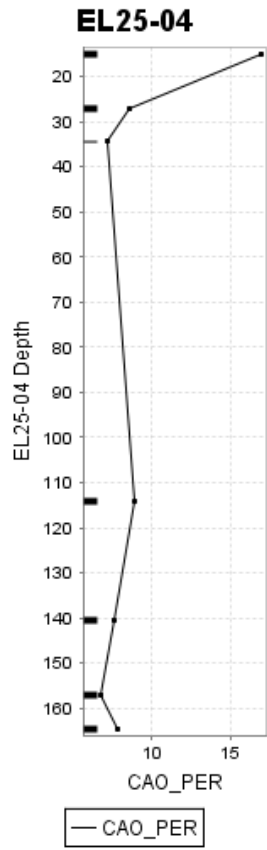
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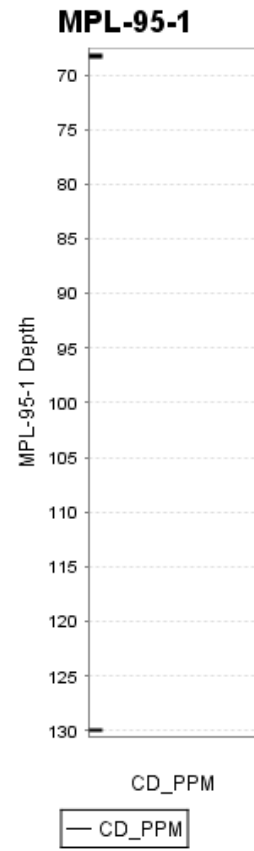
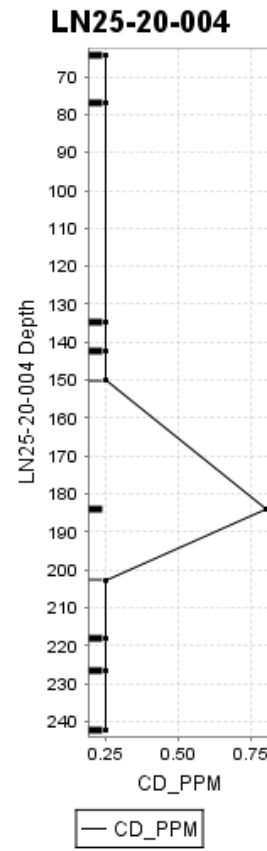
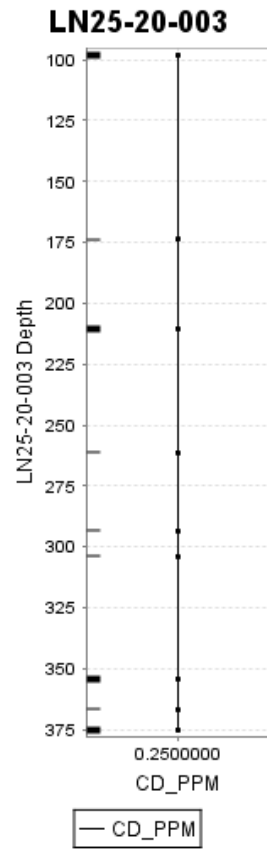
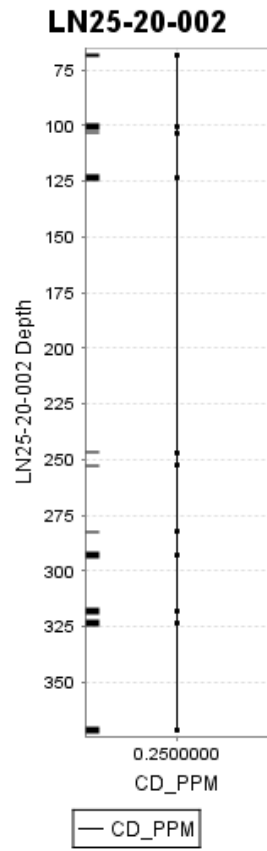
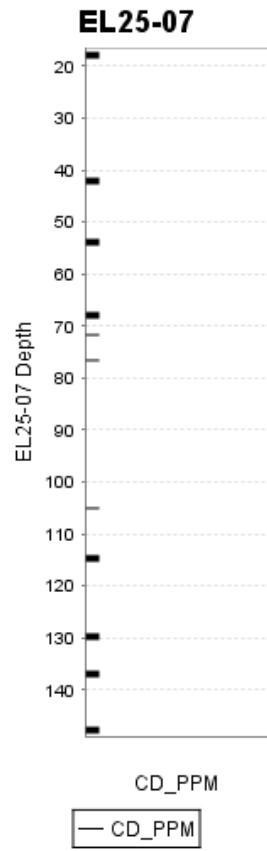
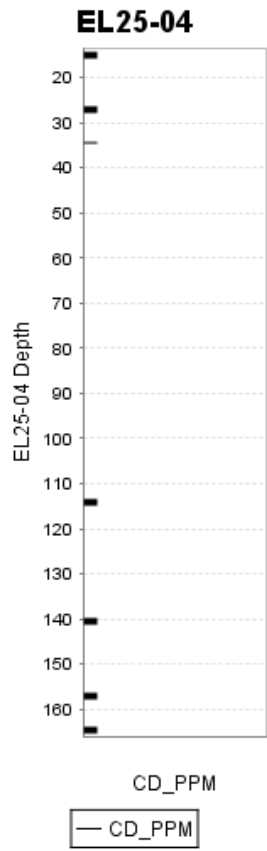


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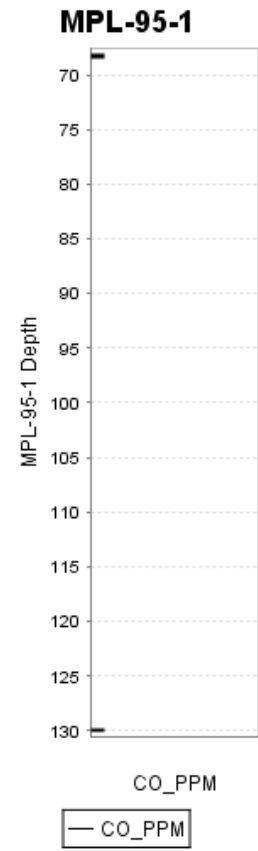
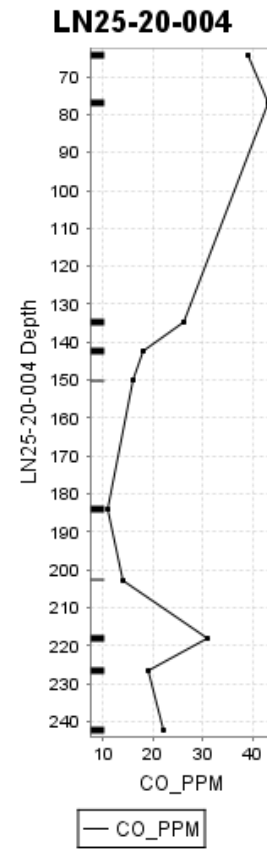
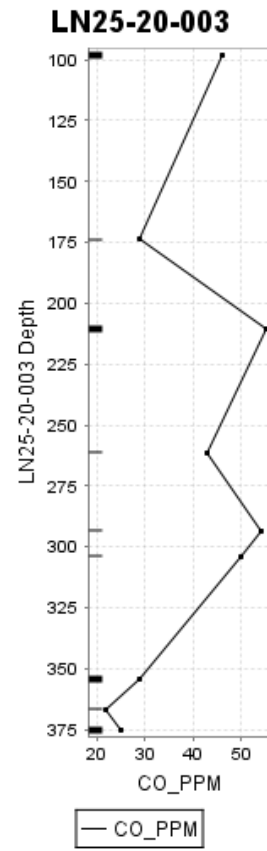
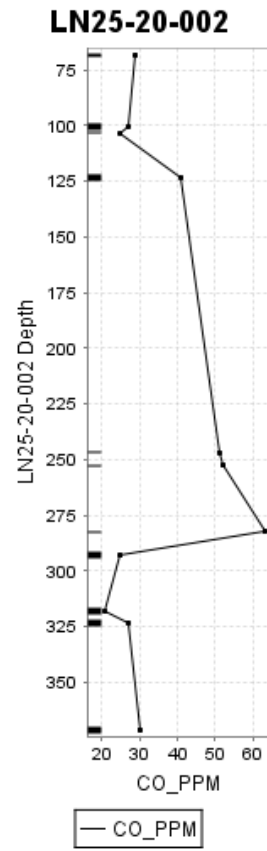
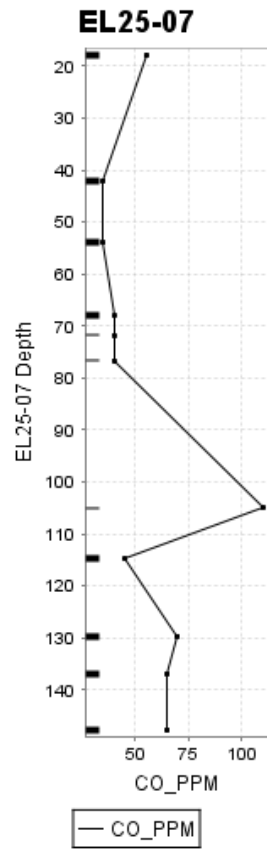
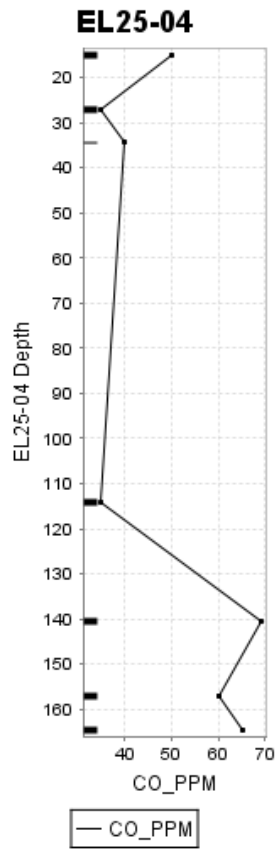


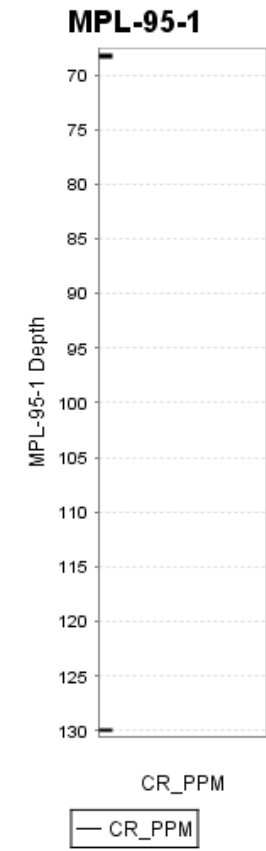
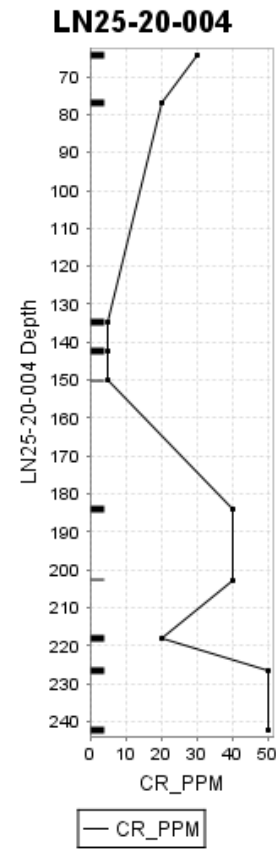
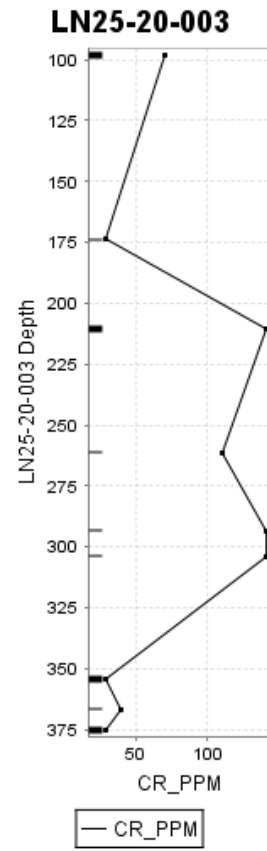
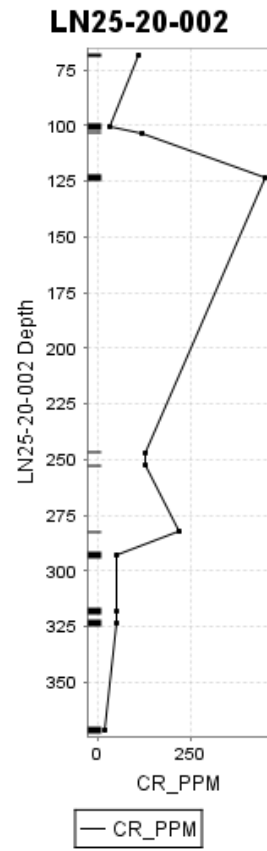
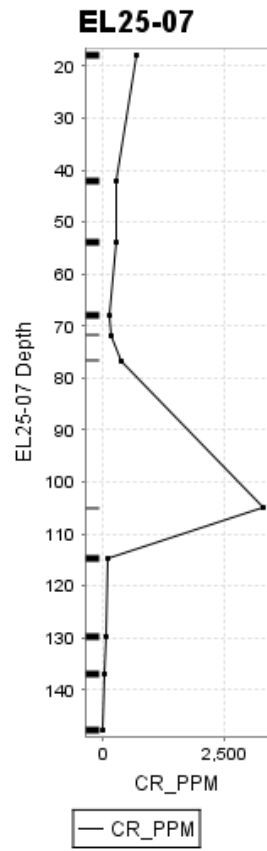
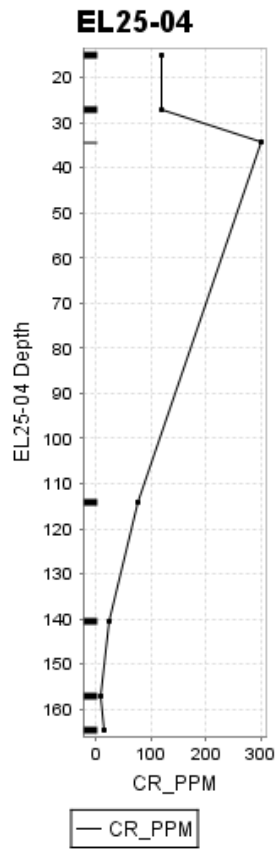
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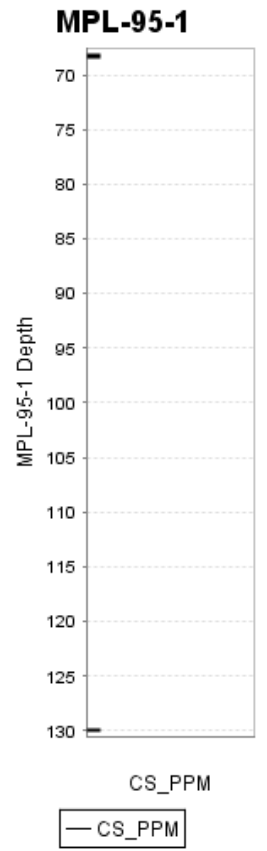
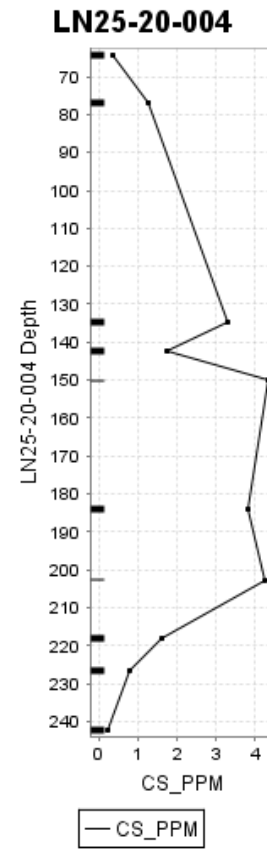
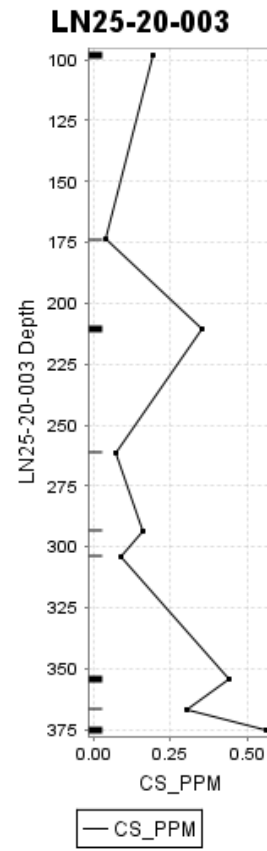
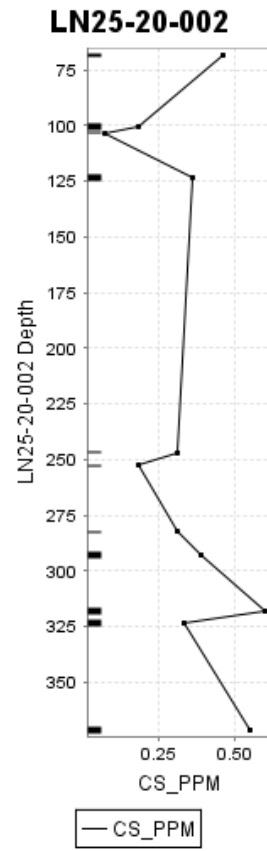
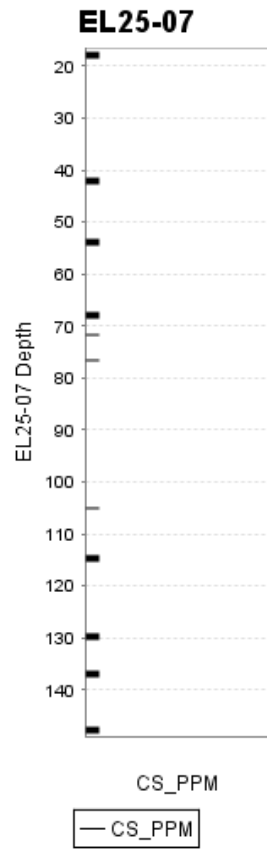
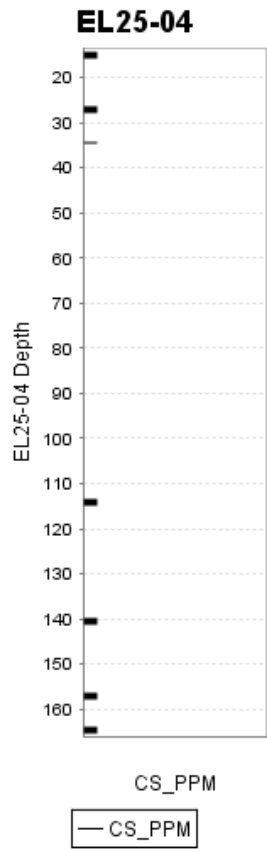


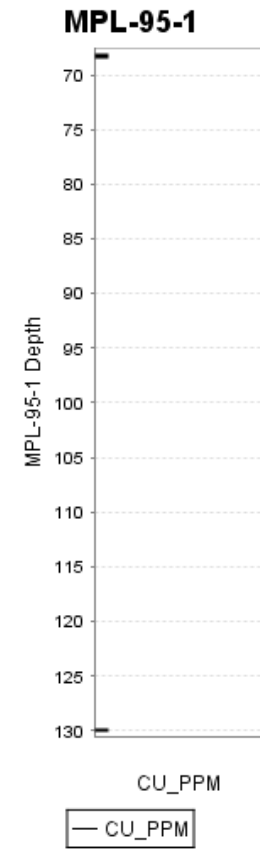
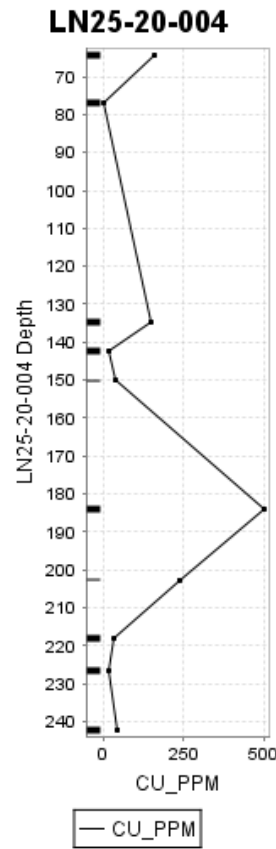
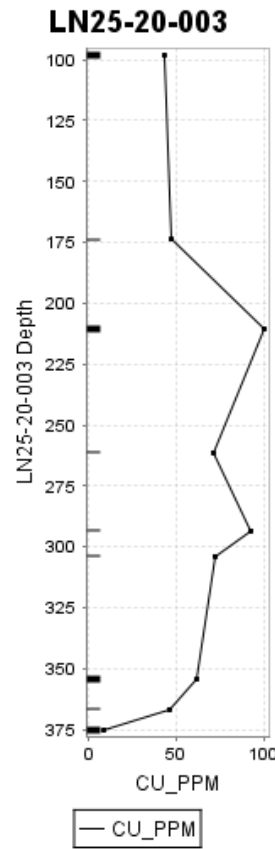
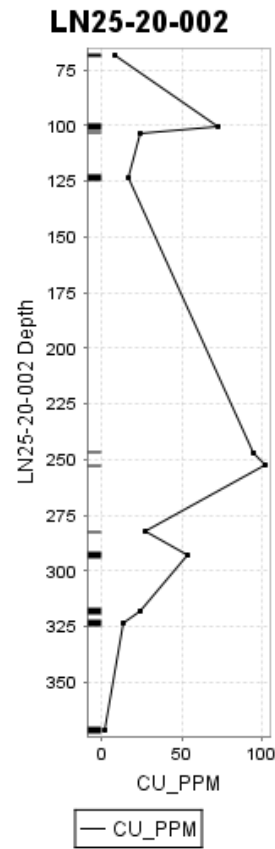
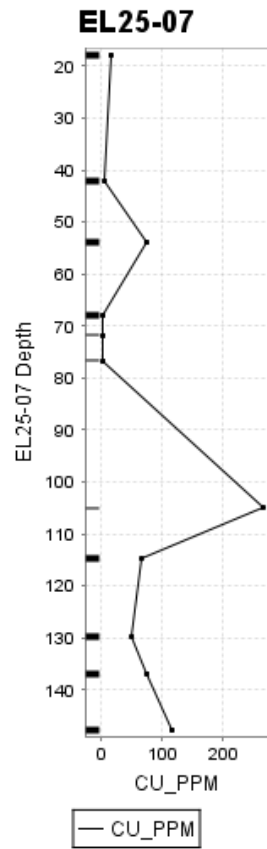
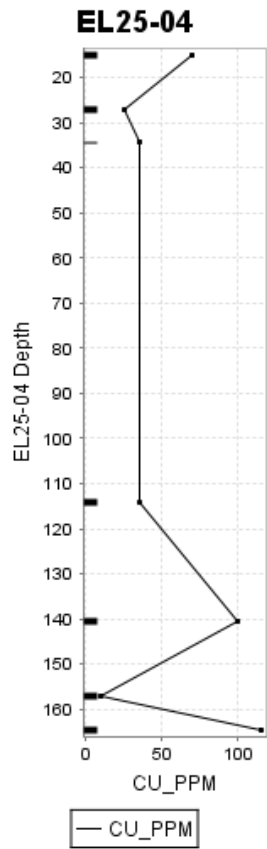


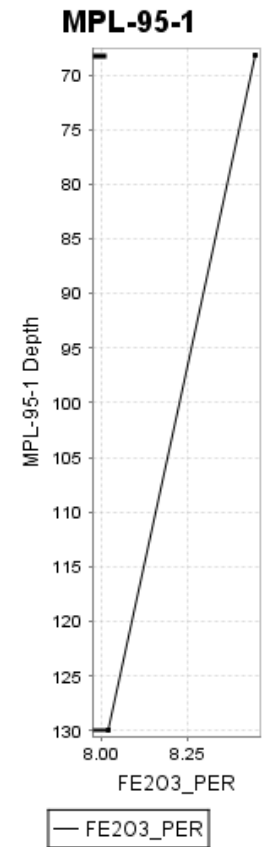
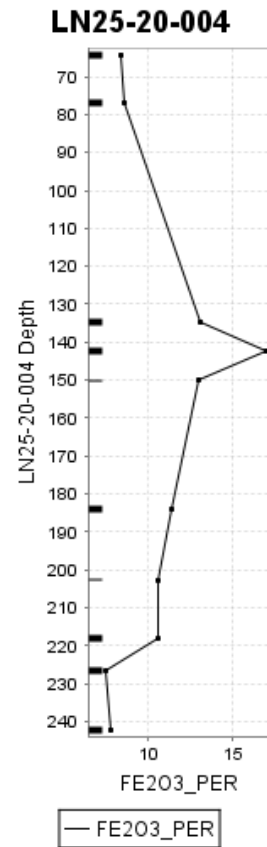
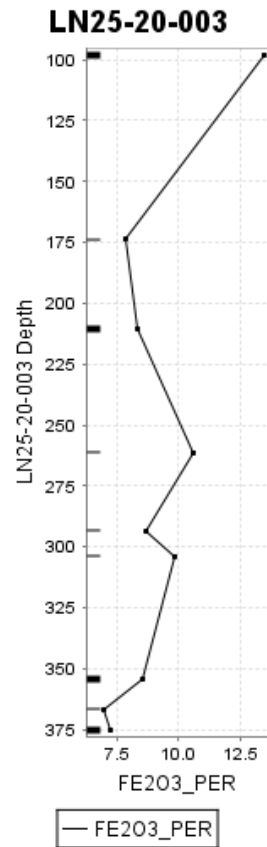
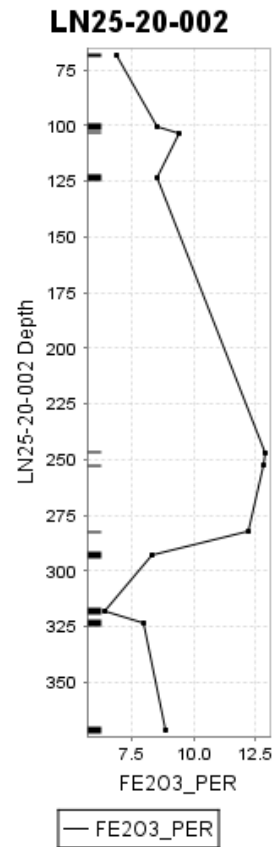
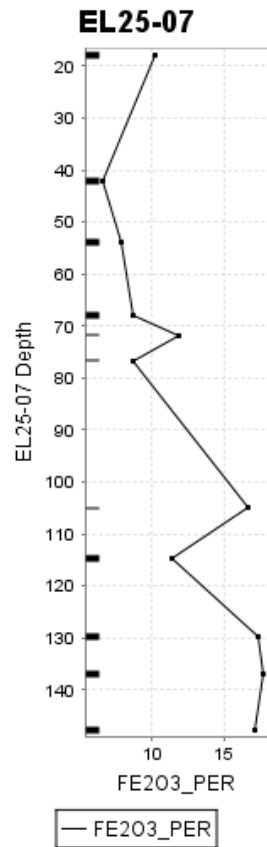
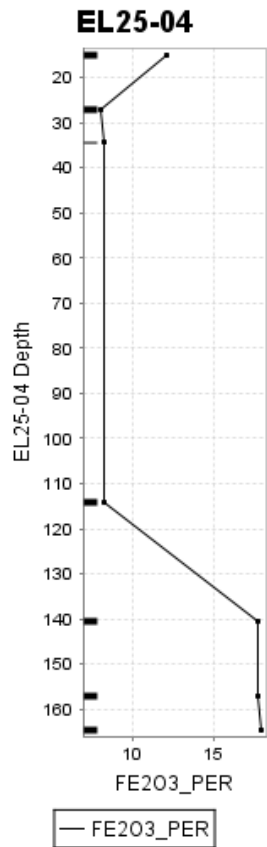


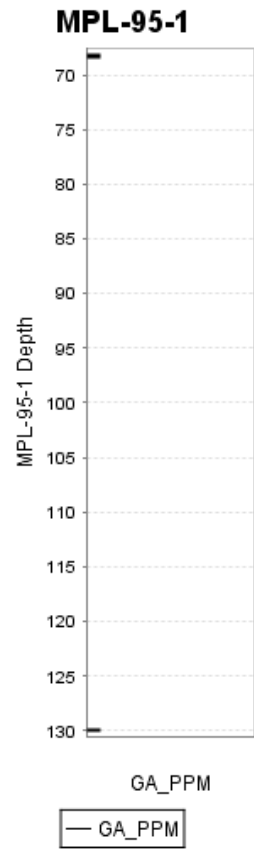
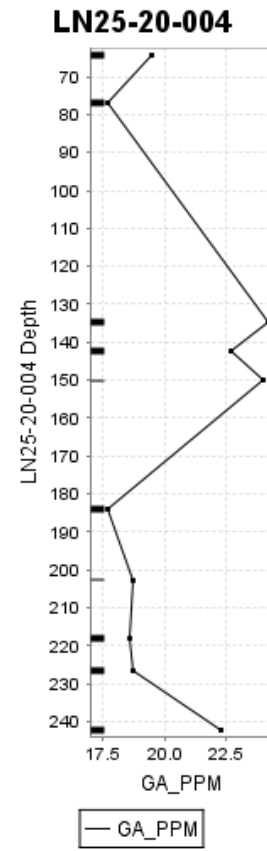
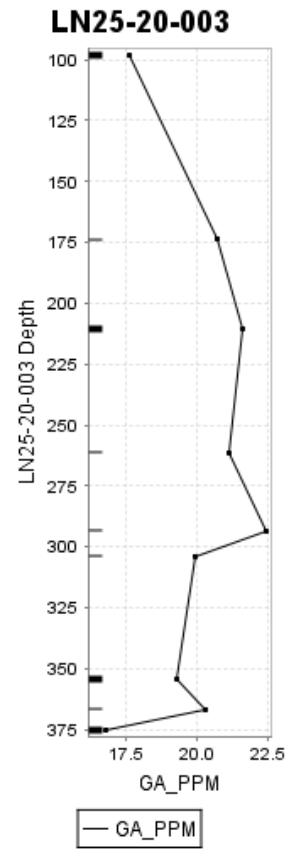
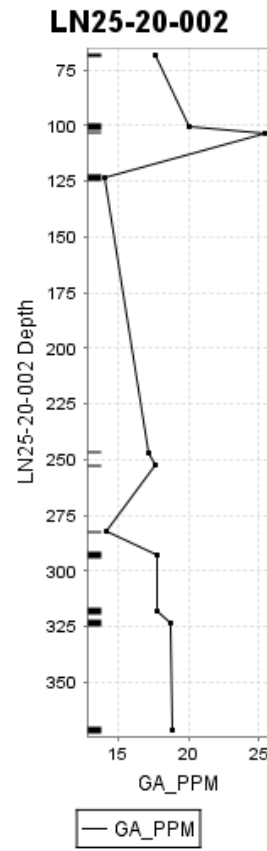
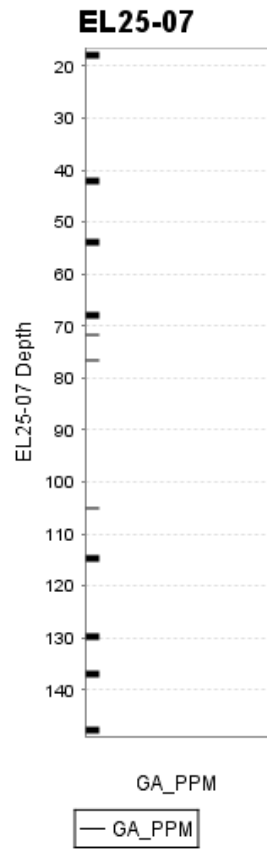
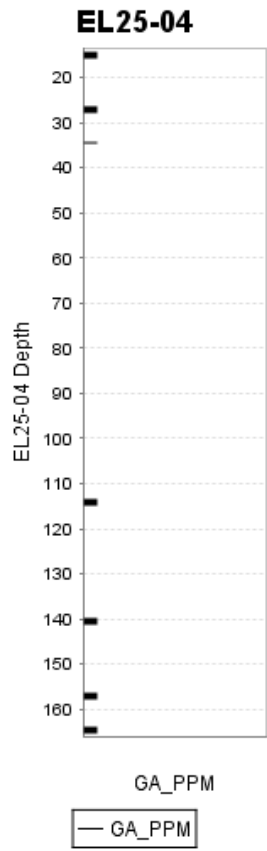


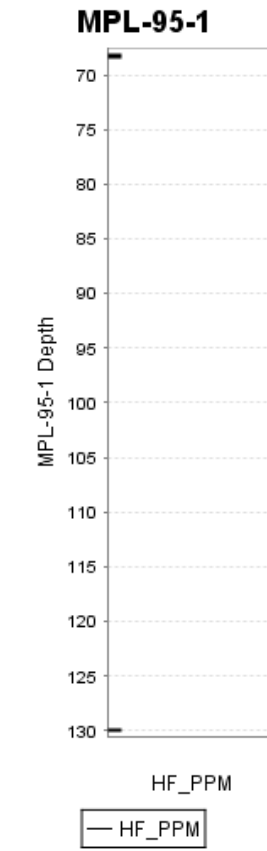
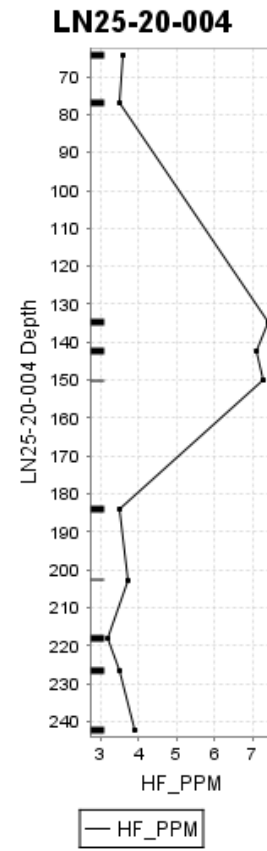
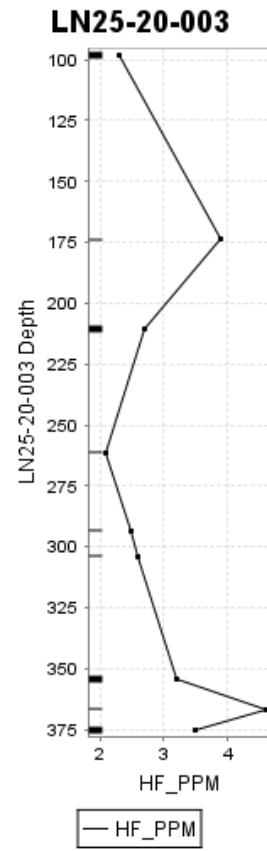
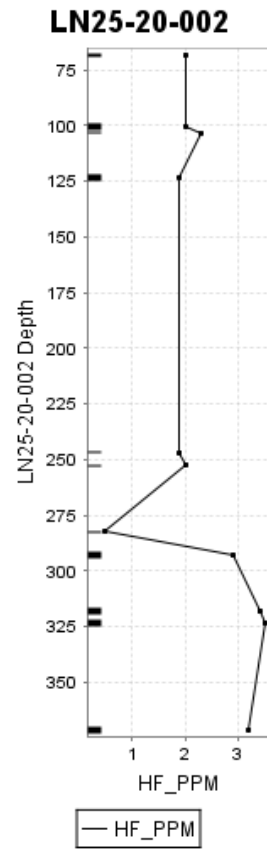
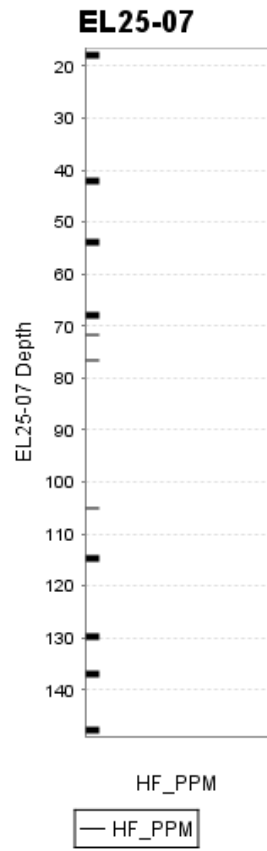
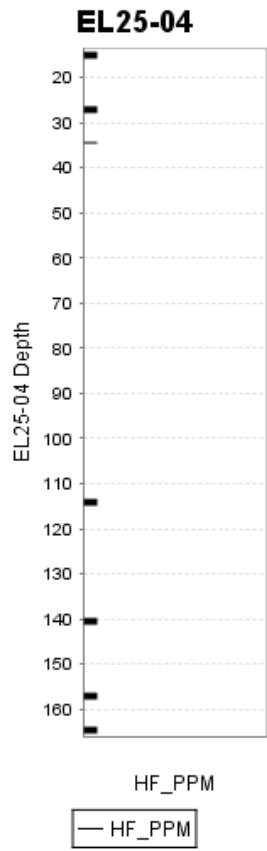


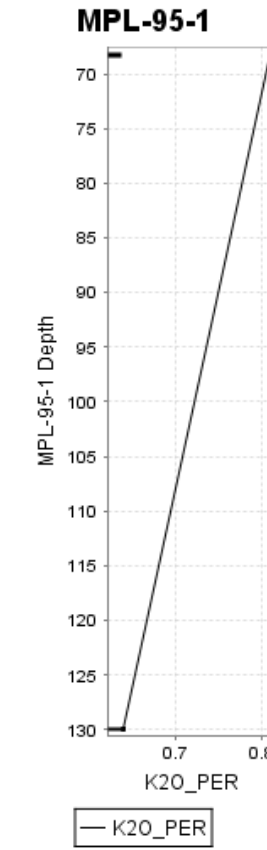
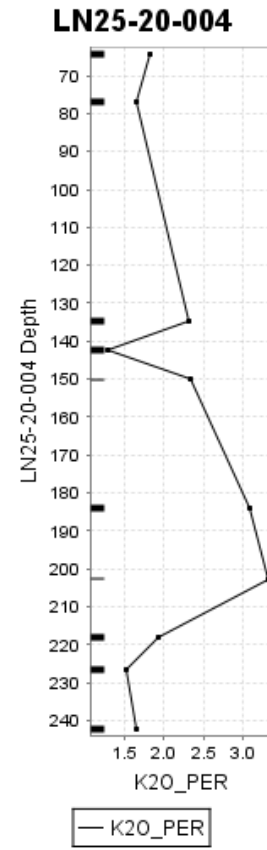
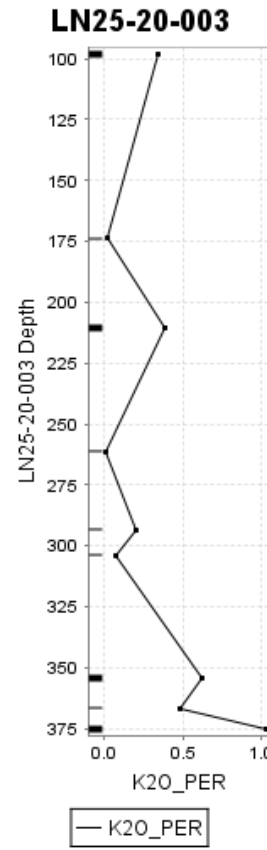
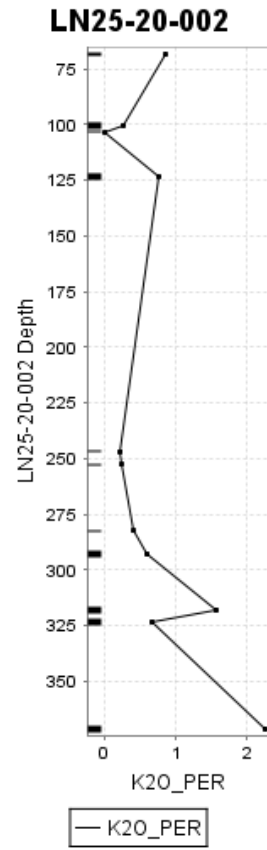
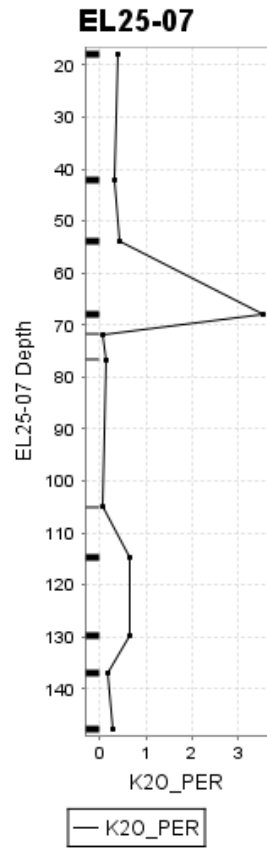
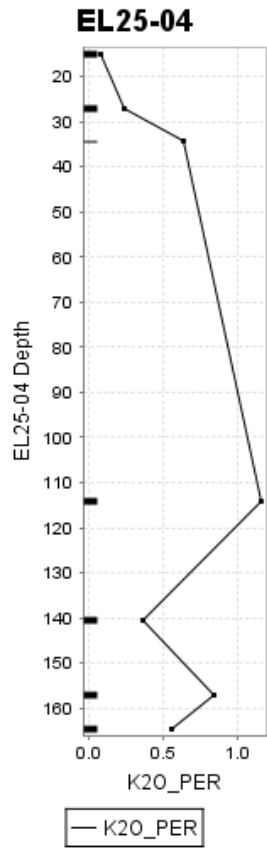




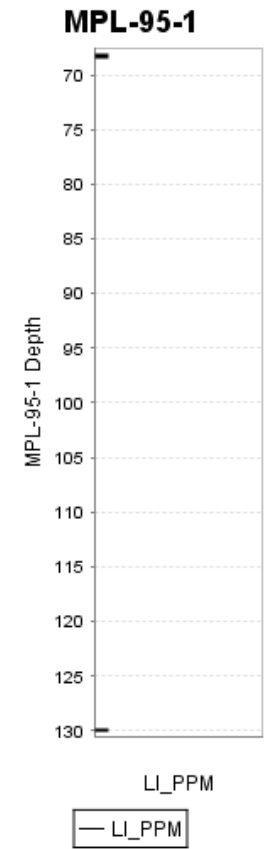
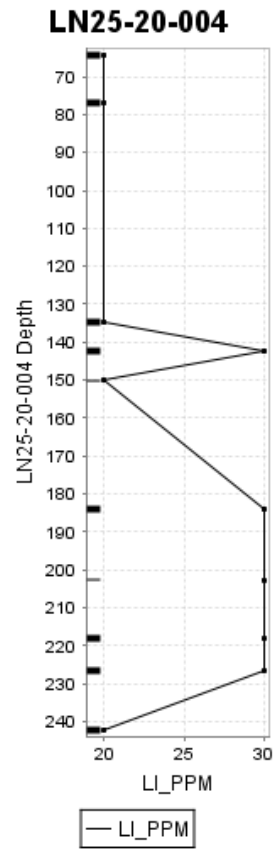
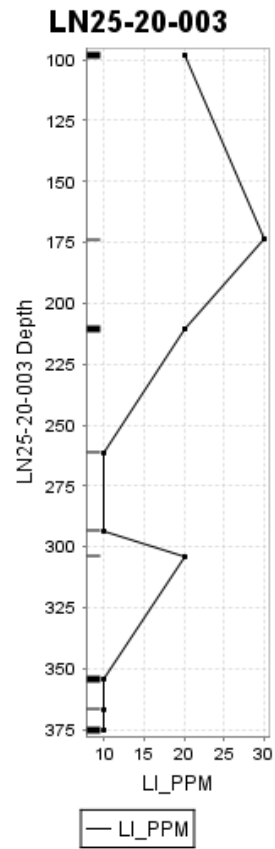
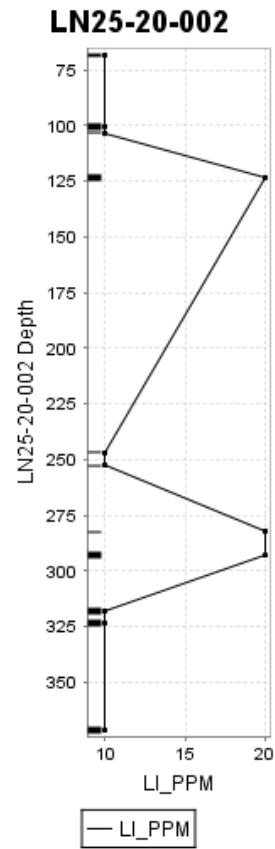
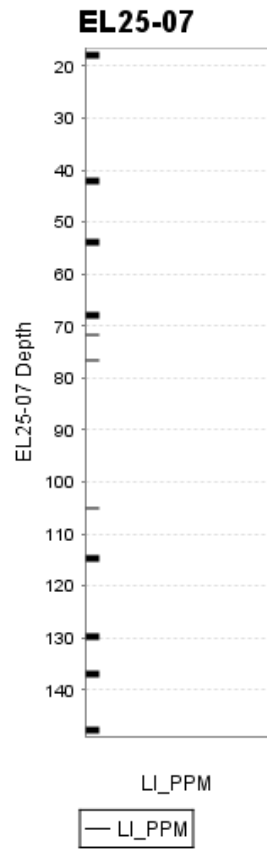
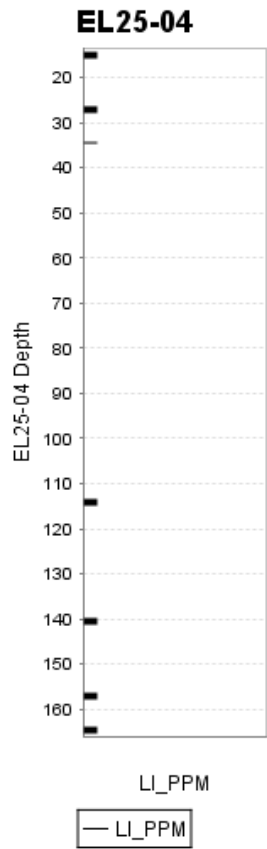


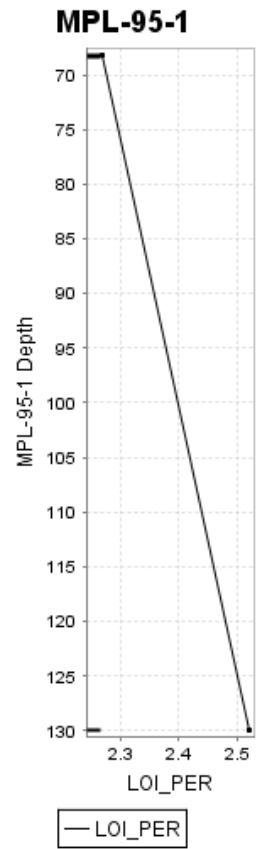
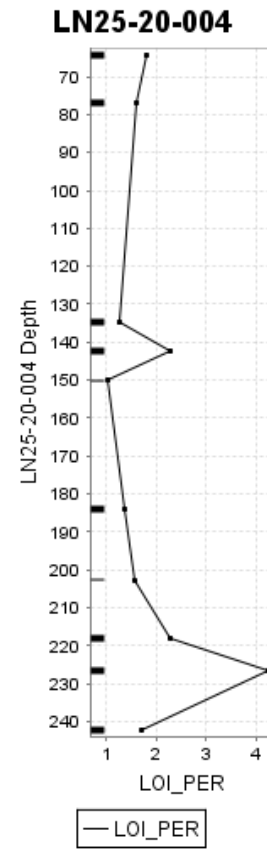
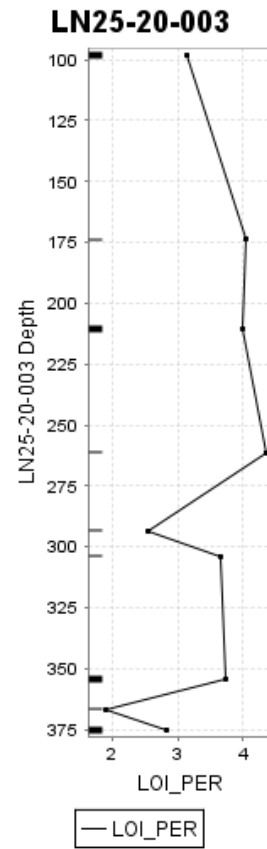
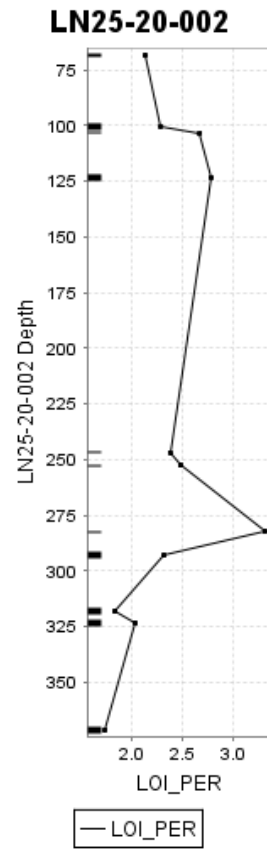
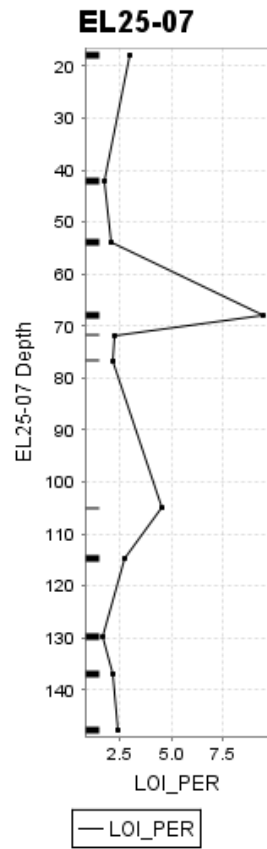
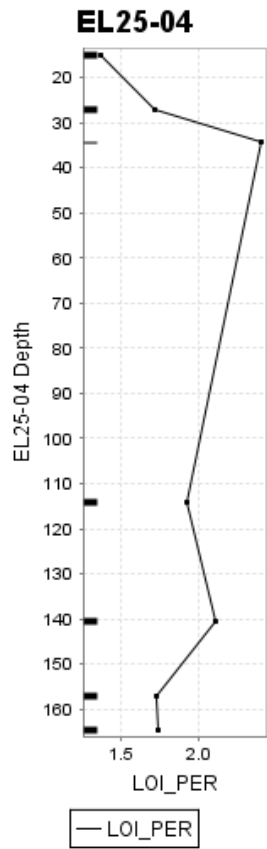


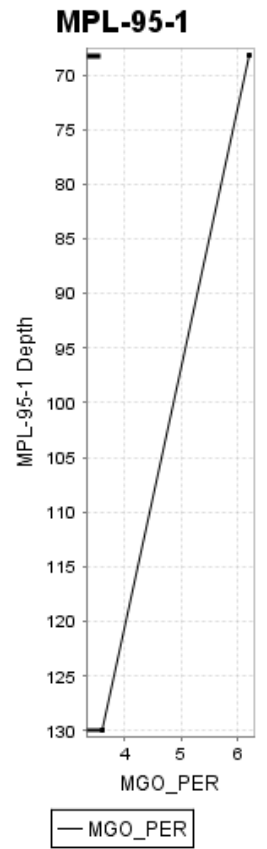
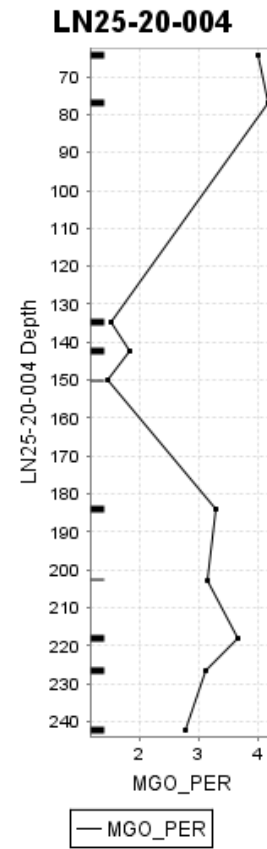
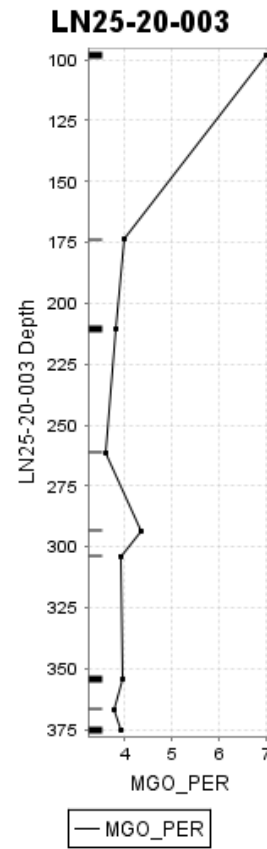
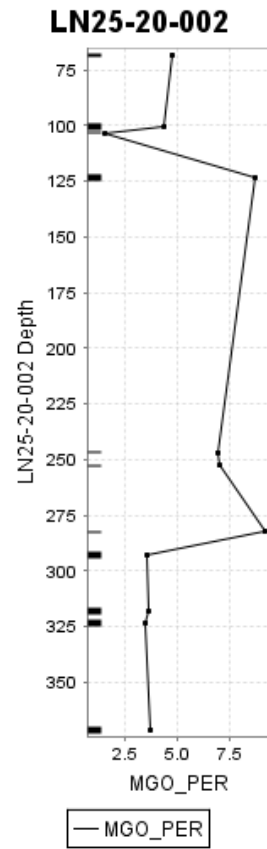
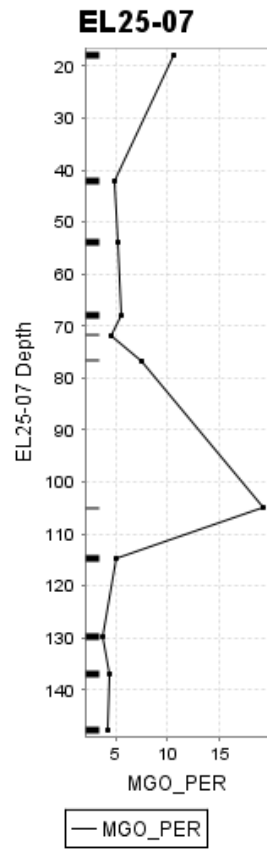
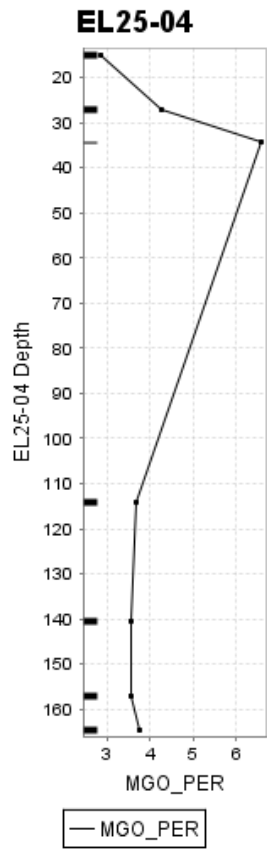


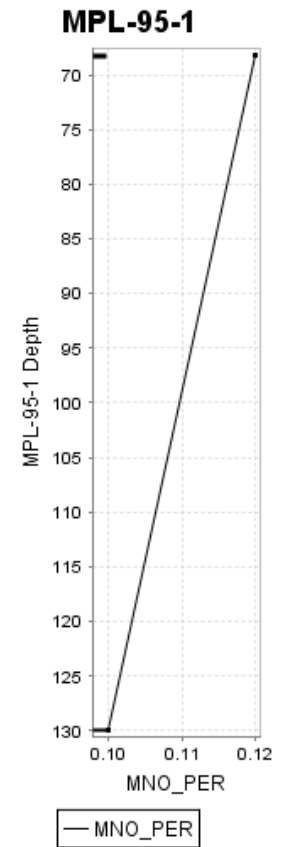
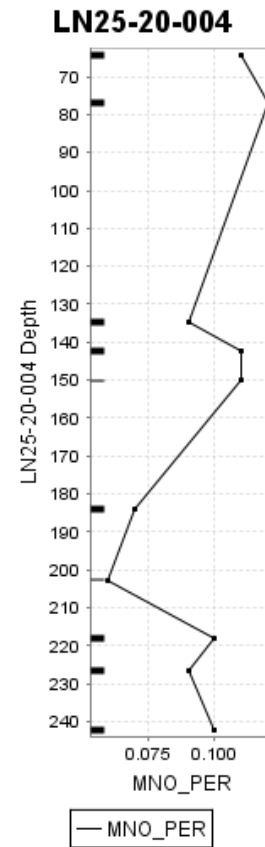
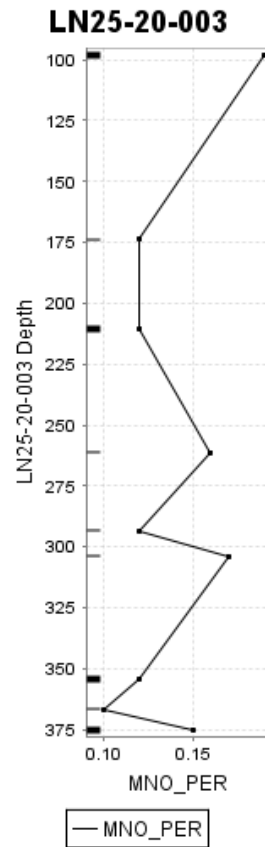
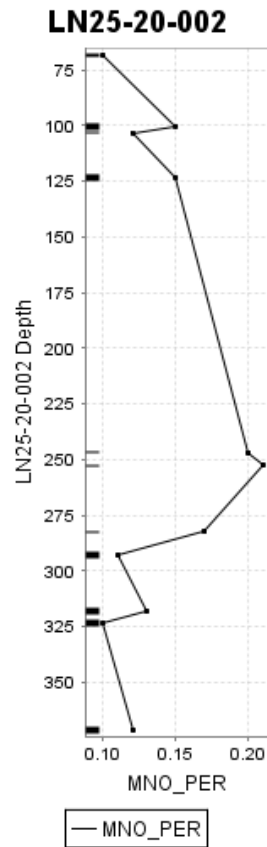
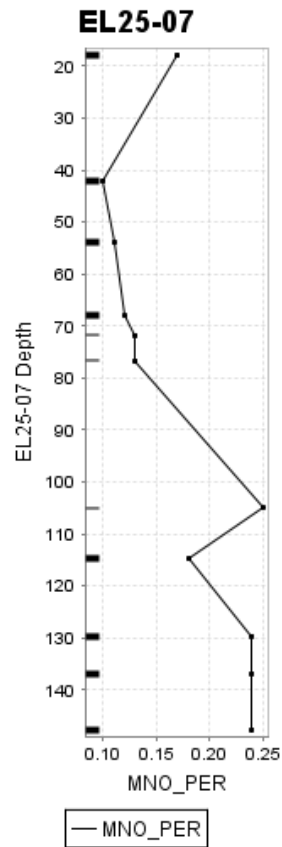
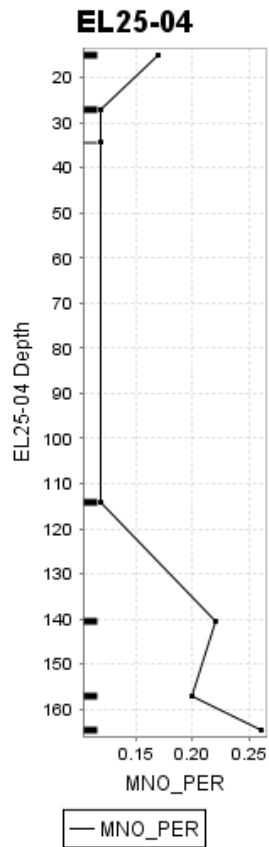


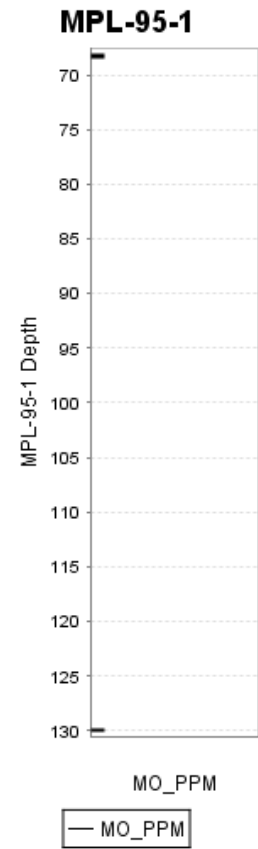
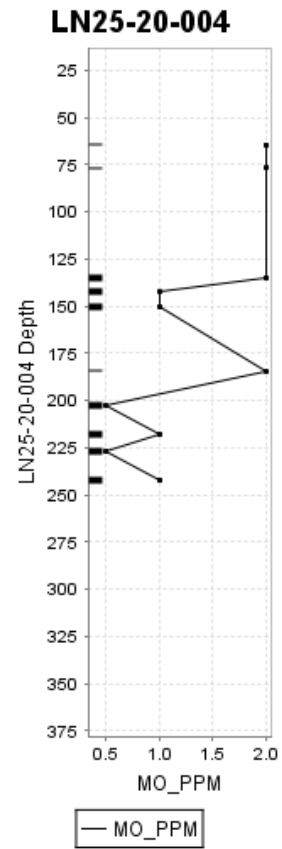
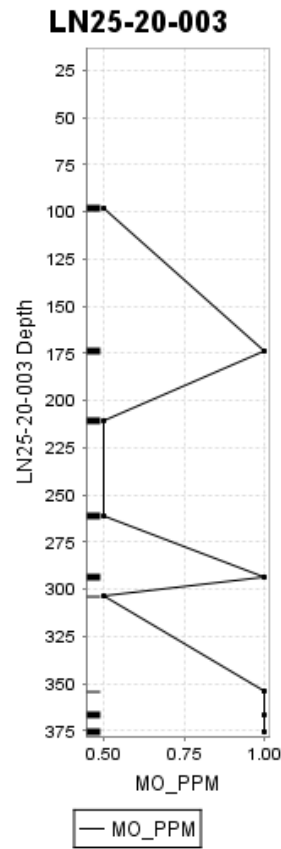
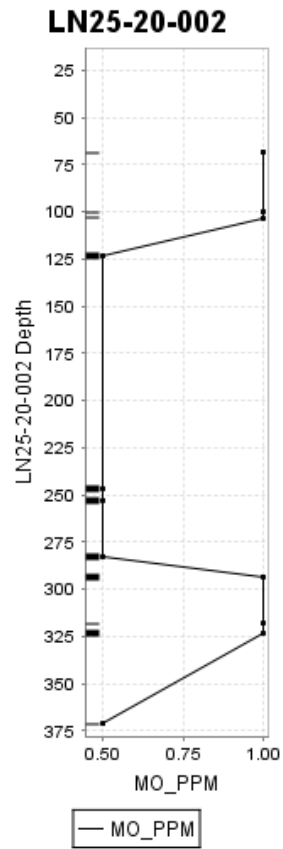
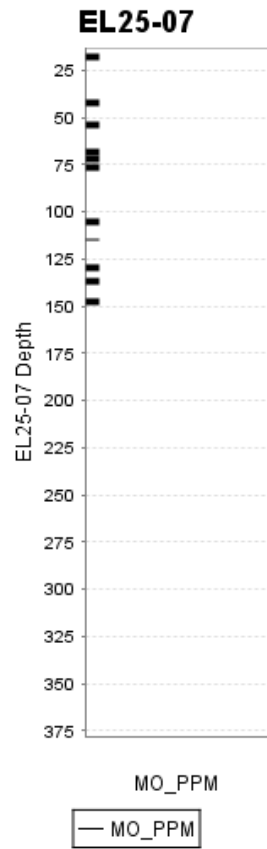
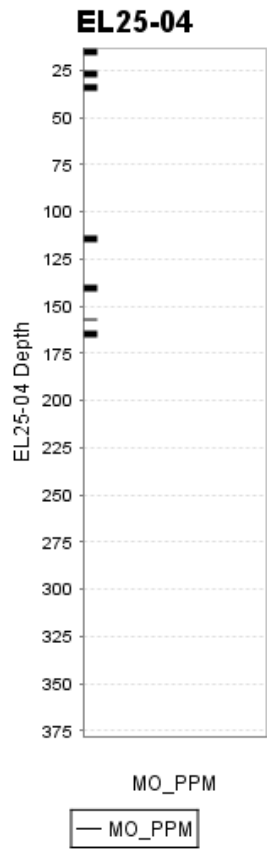


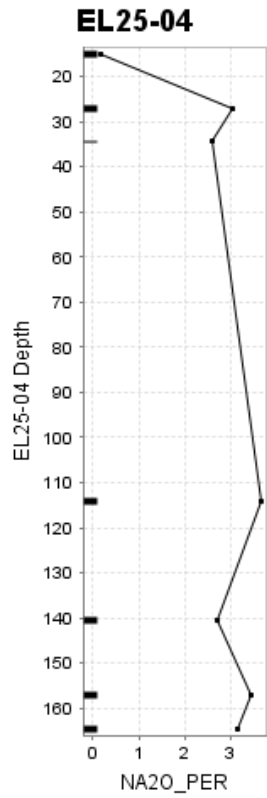




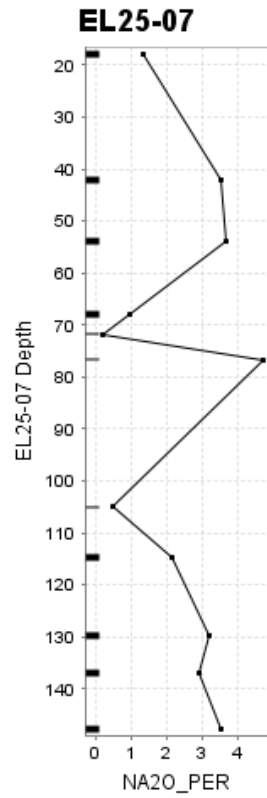




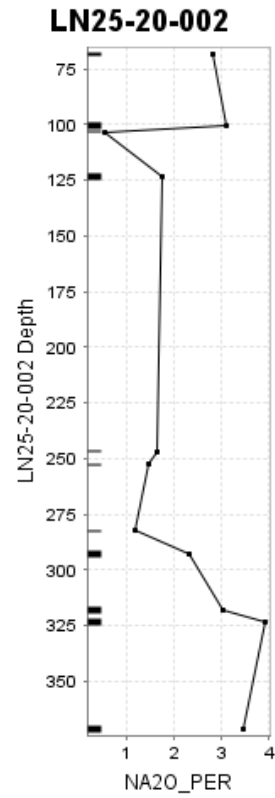




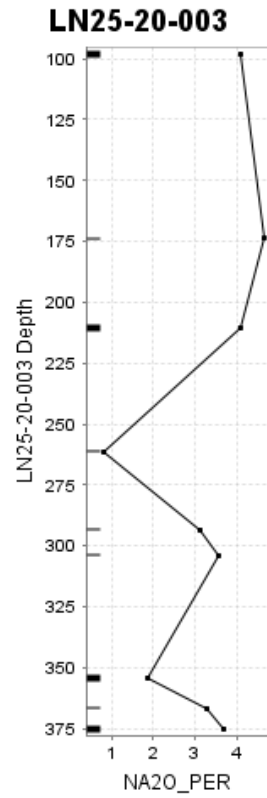
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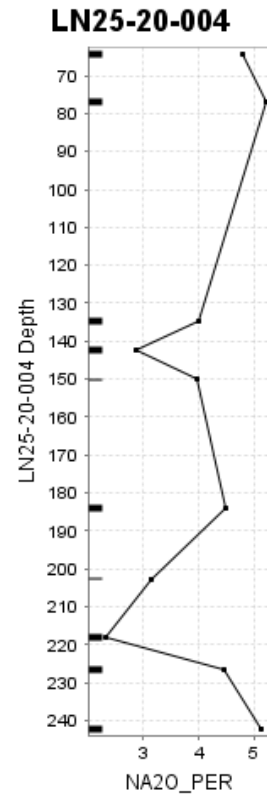
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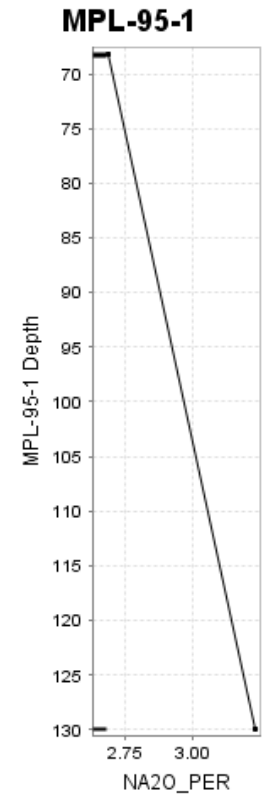
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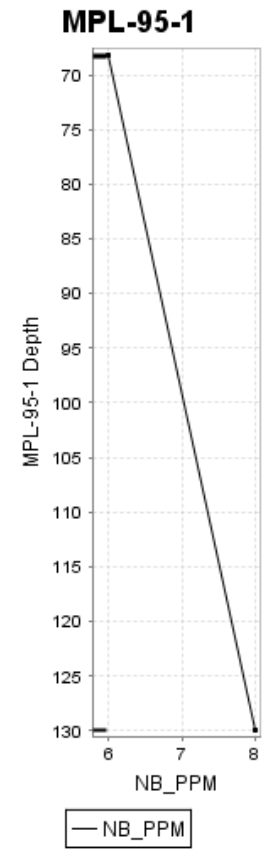
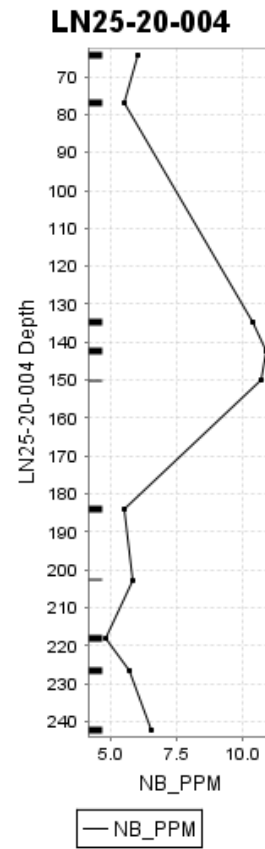
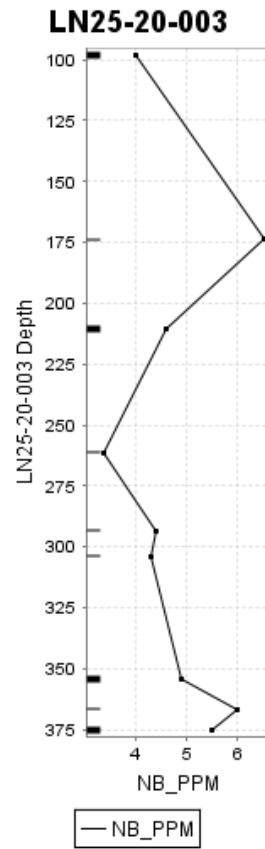
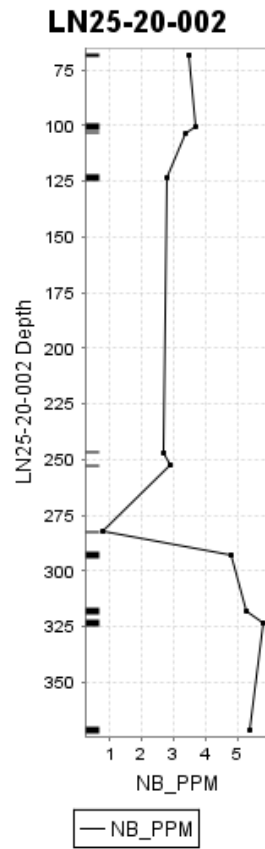
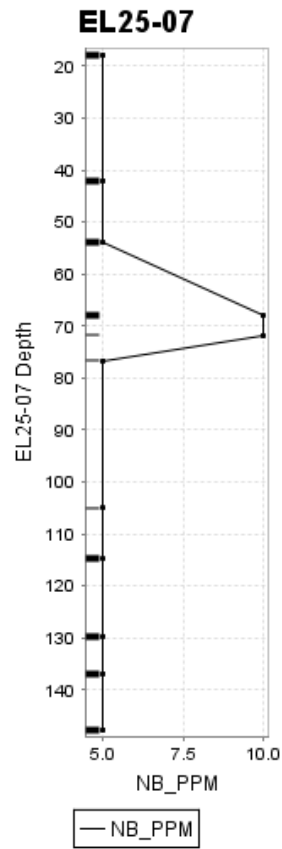
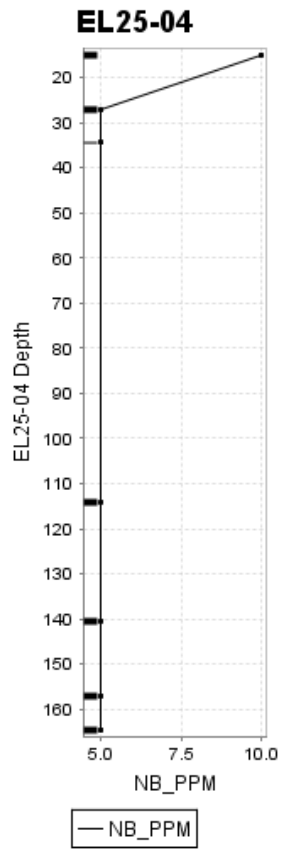
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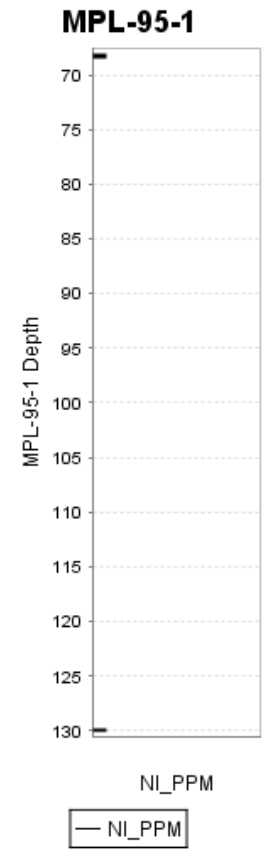
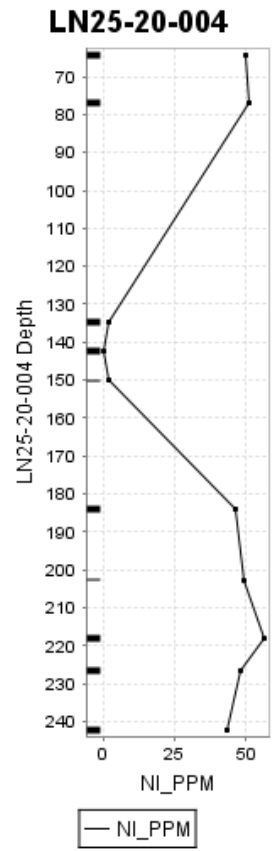
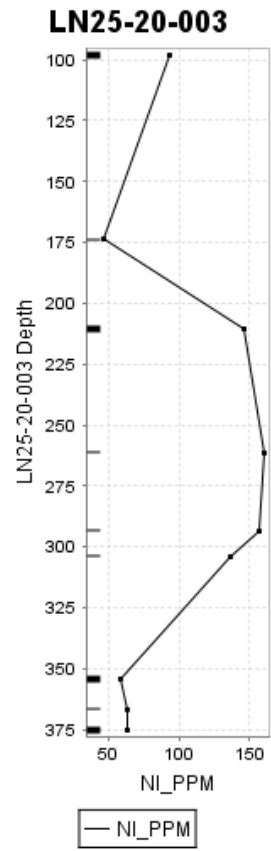
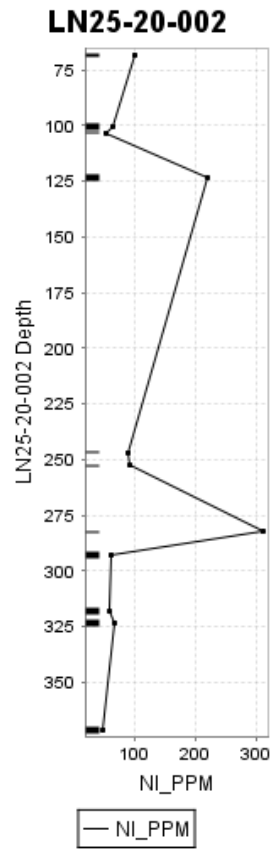
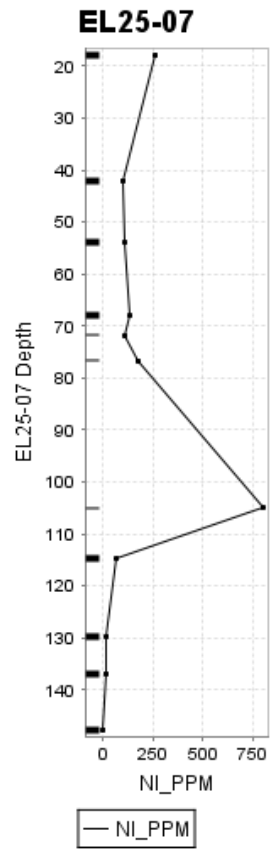
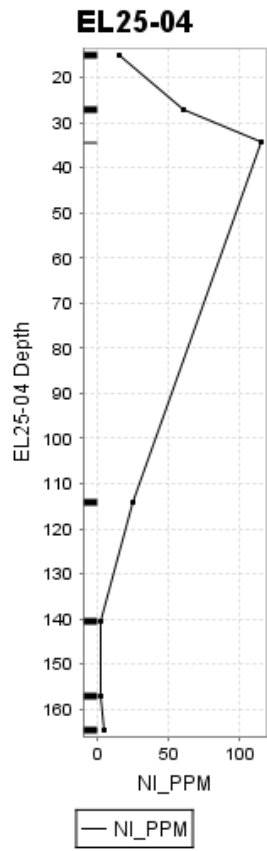


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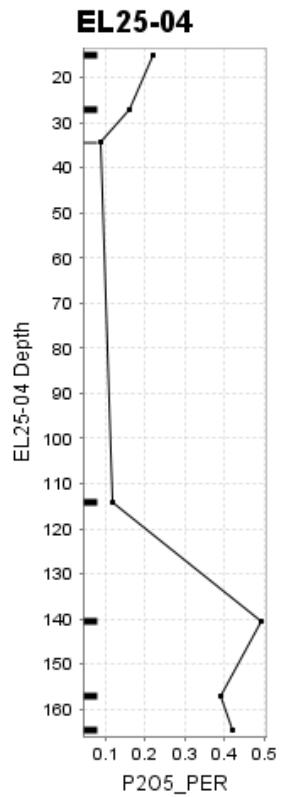


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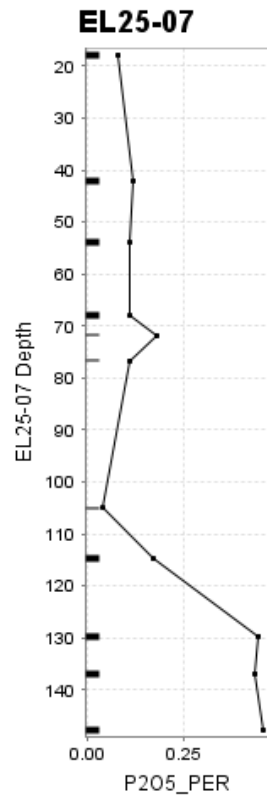




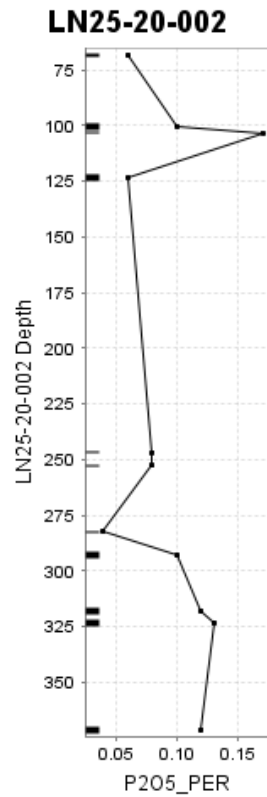




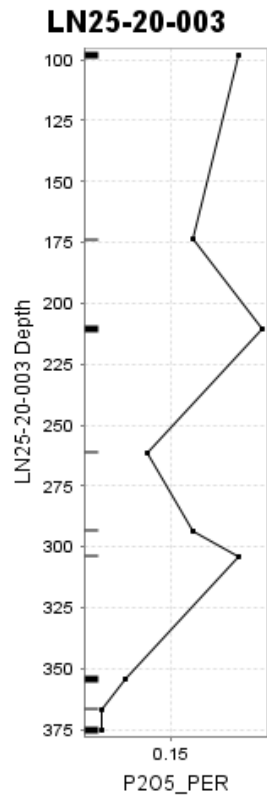
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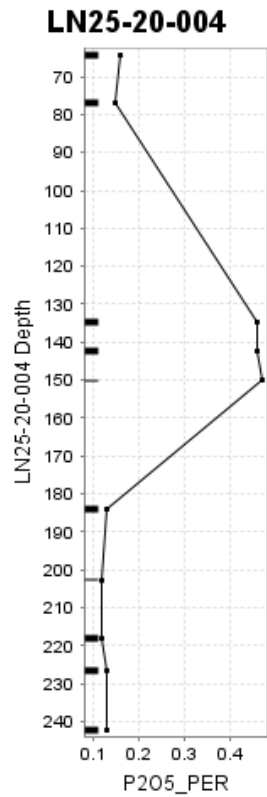
— P205\_PER



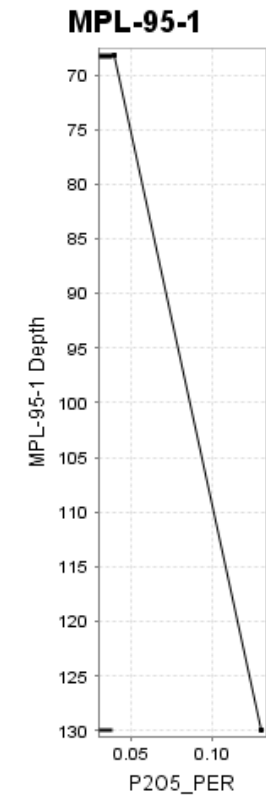
— P205\_PER



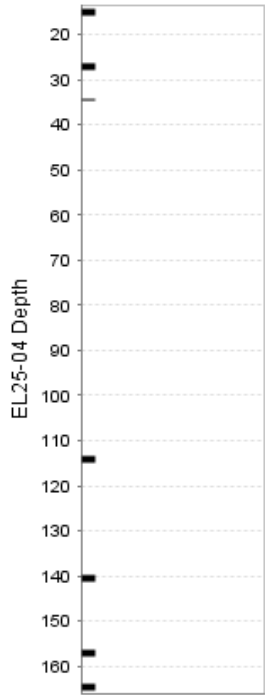
— P205\_PER



— P205\_PER

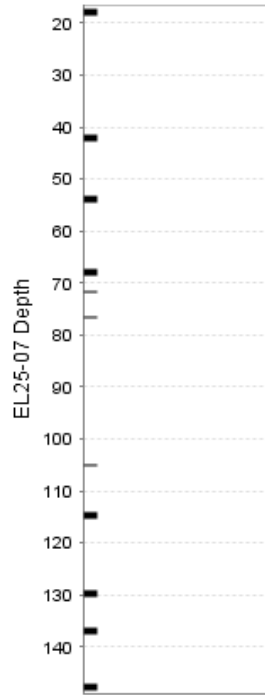


— P205\_PER

**EL25-04**

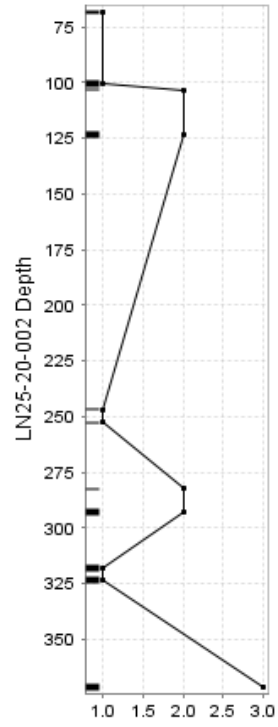
PB\_PPM

— PB\_PPM

**EL25-07**

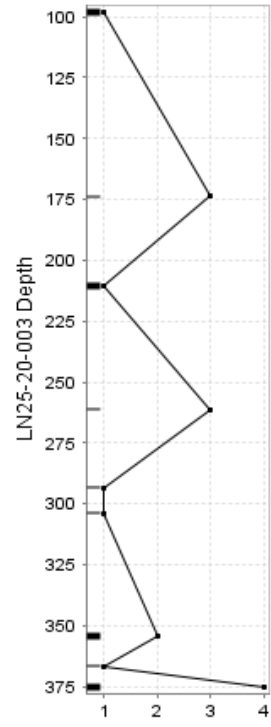
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**LN25-20-002**

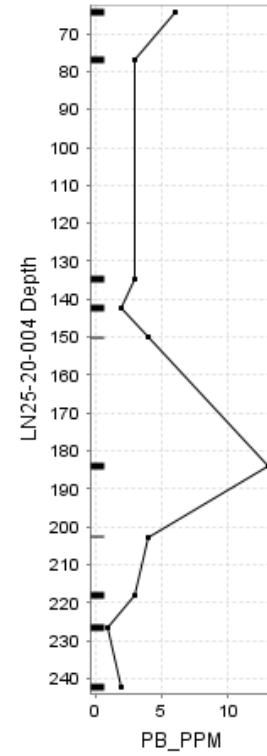
PB\_PPM

— PB\_PPM

**LN25-20-003**

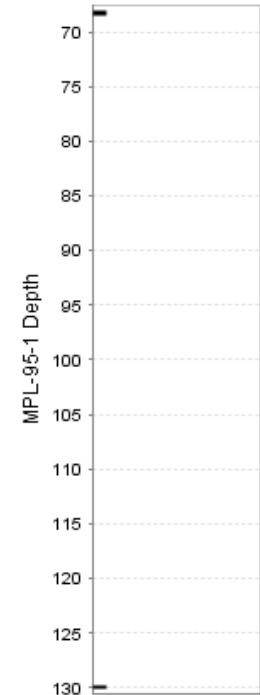
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**LN25-20-004**

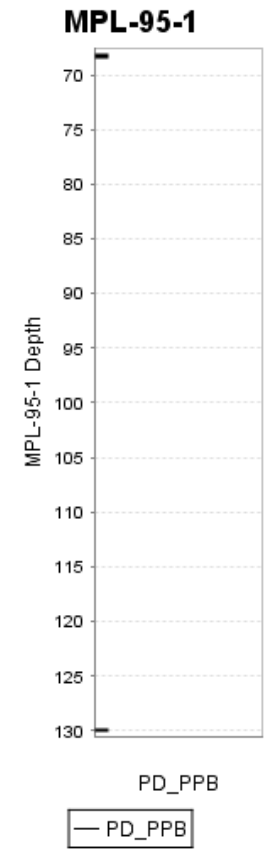
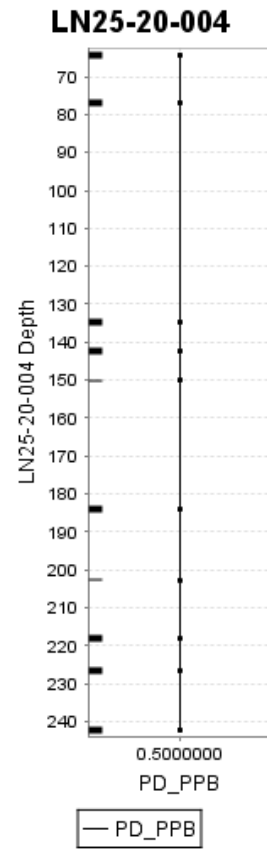
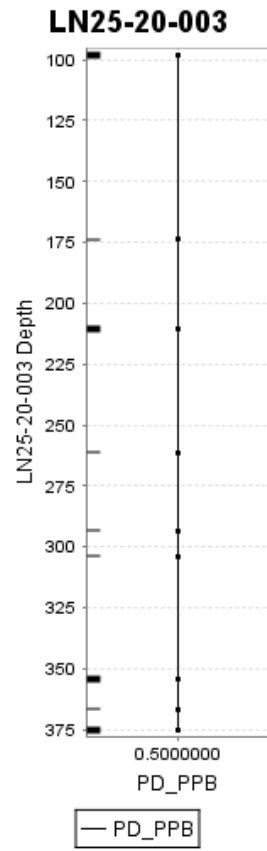
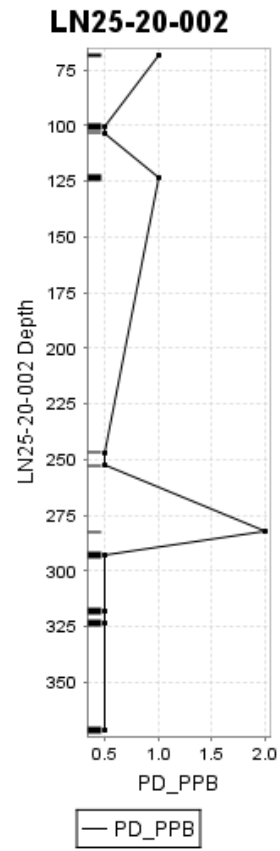
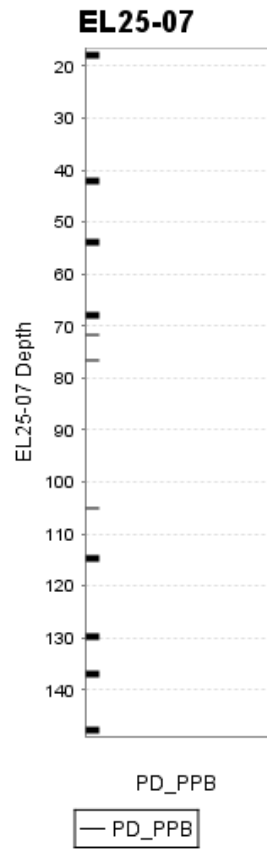
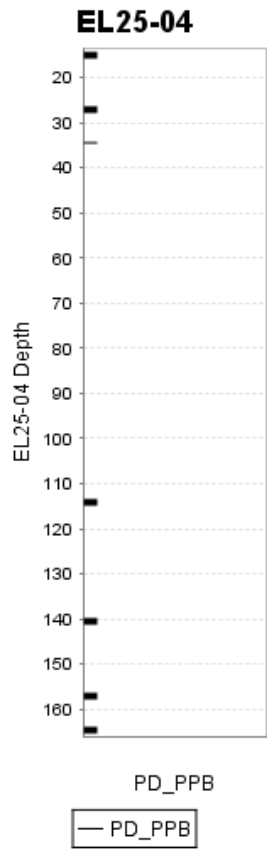
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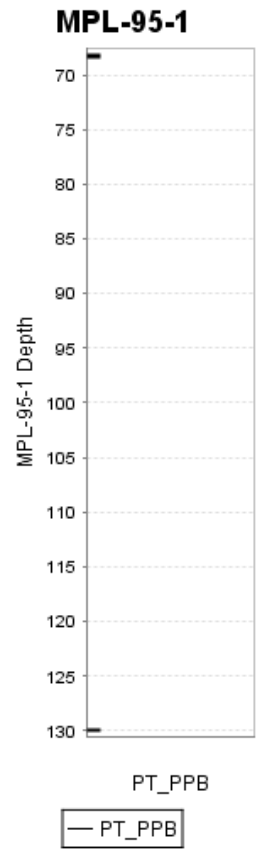
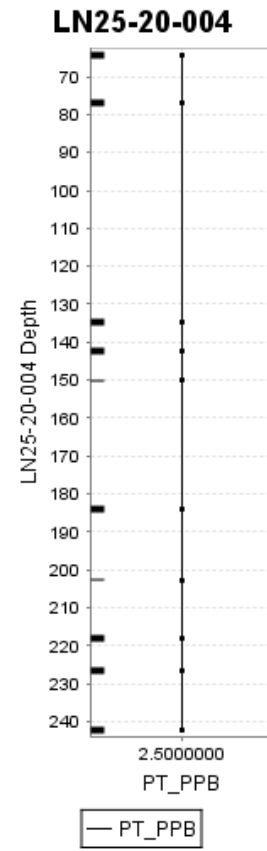
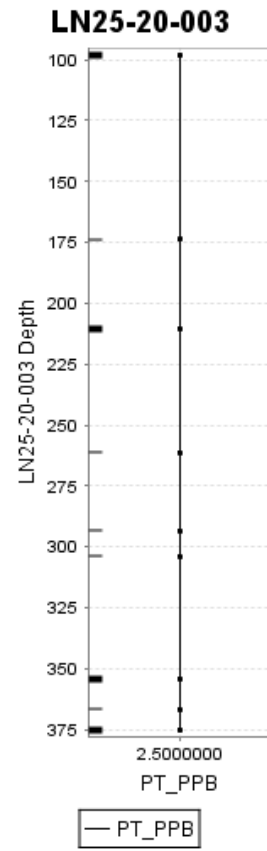
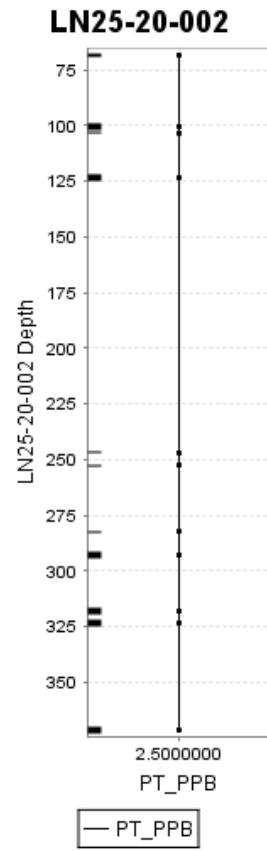
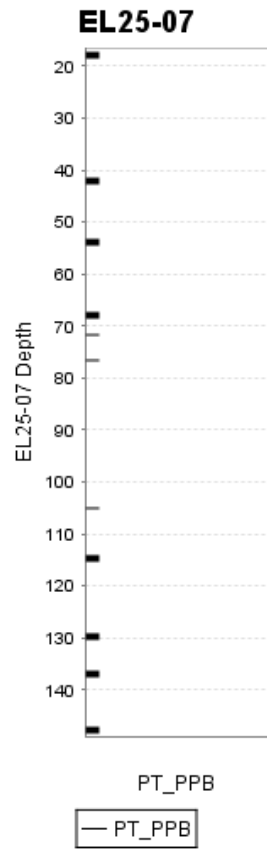
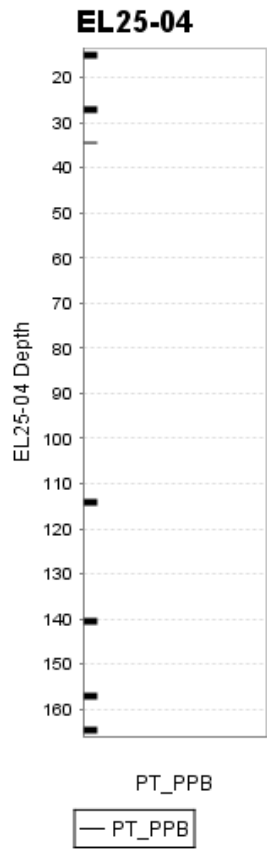
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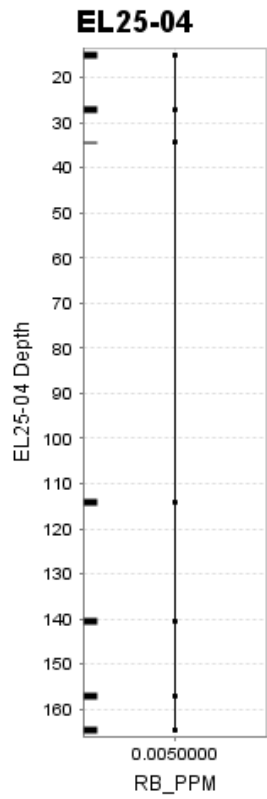
**MPL-95-1**

PB\_PPM

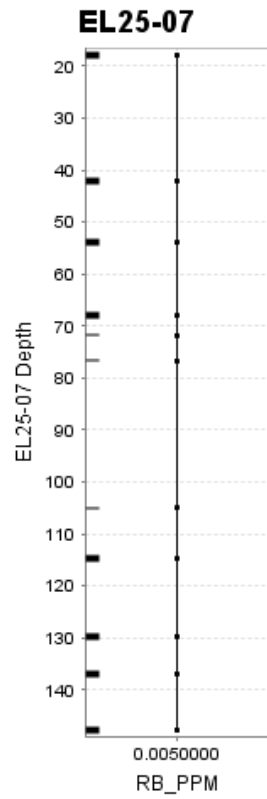
— PB\_PPM



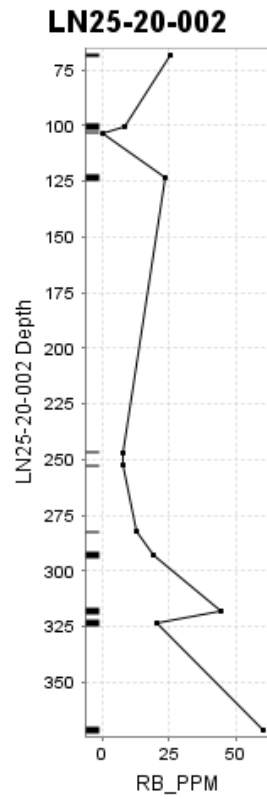




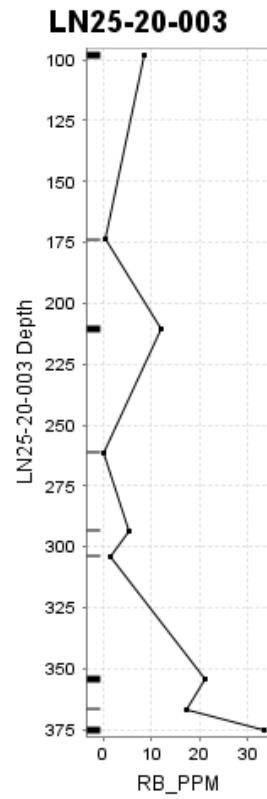
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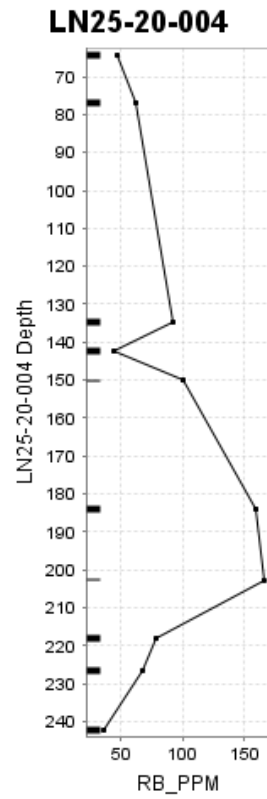
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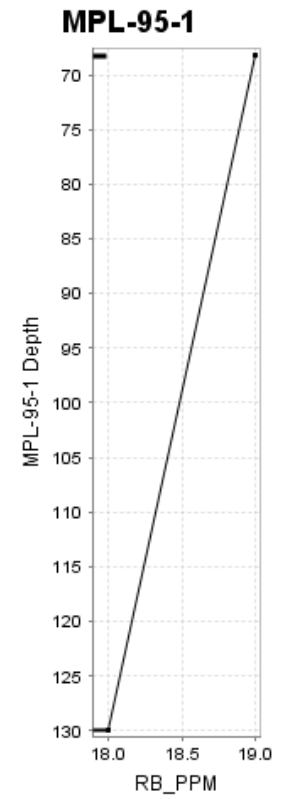
— RB\_PPM



— RB\_PPM

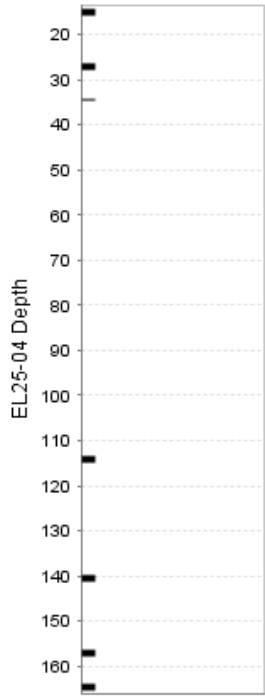


— RB\_PPM



— RB\_PPM

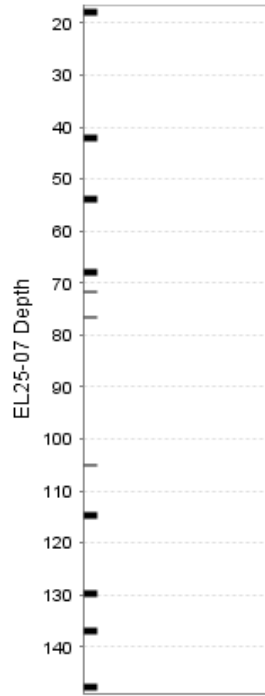
**EL25-04**



S\_PPM

— S\_PPM

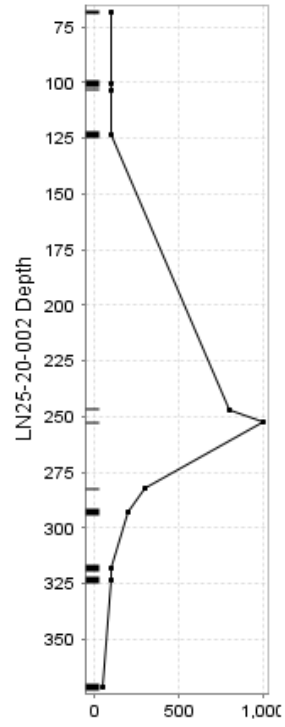
**EL25-07**



S\_PPM

— S\_PPM

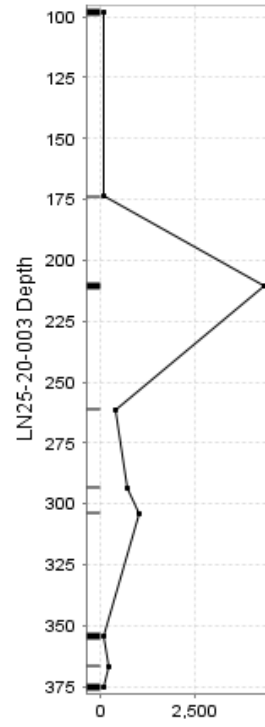
**LN25-20-002**



S\_PPM

— S\_PPM

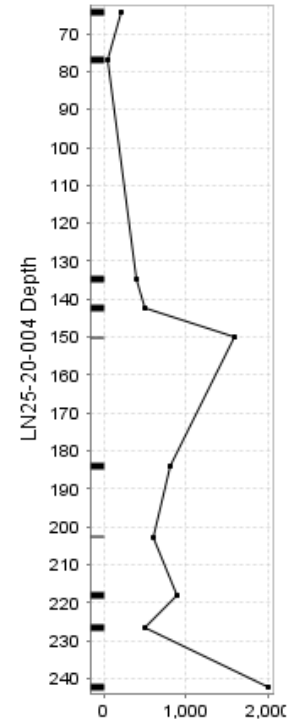
**LN25-20-003**



S\_PPM

— S\_PPM

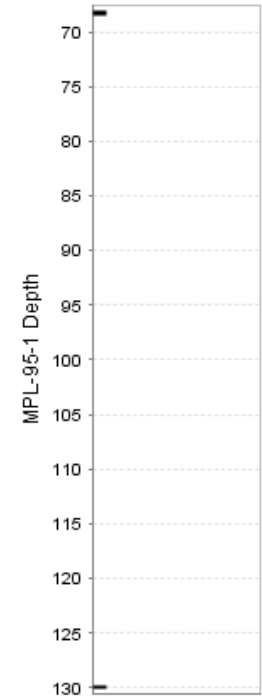
**LN25-20-004**



S\_PPM

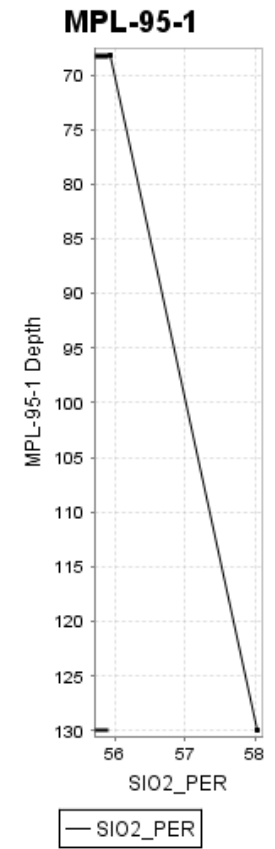
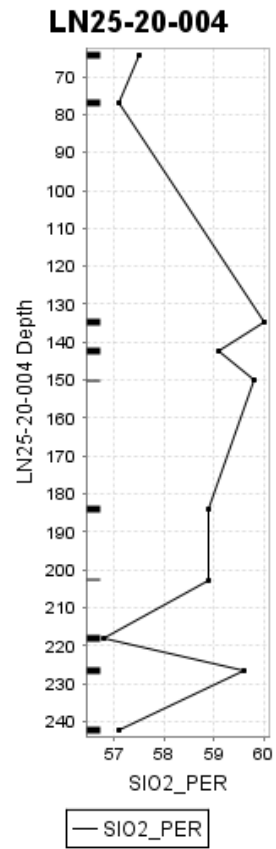
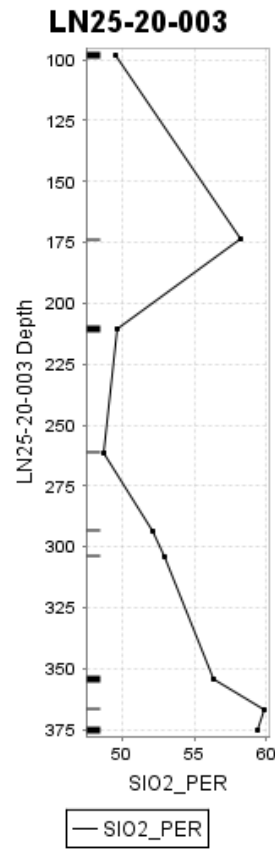
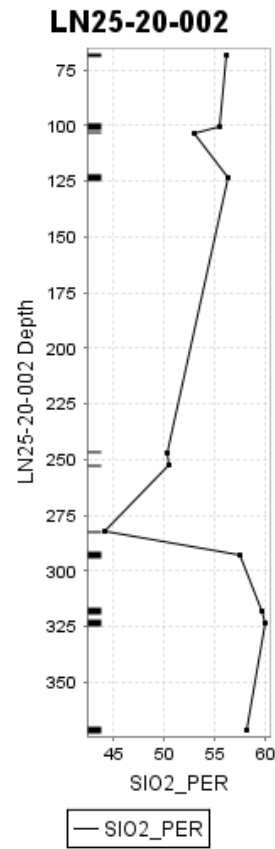
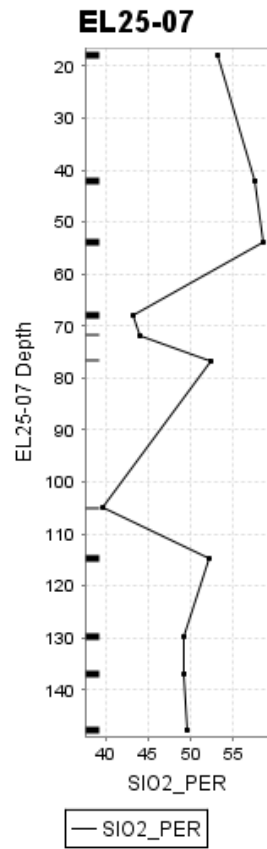
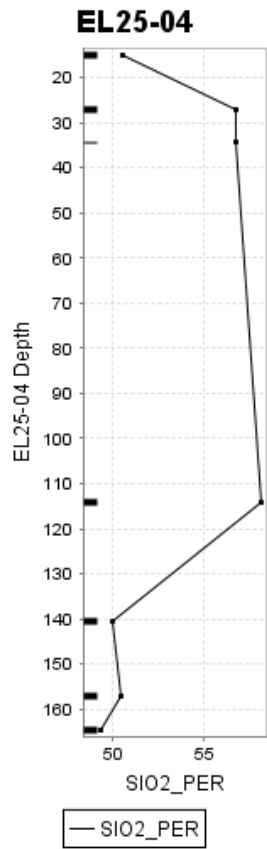
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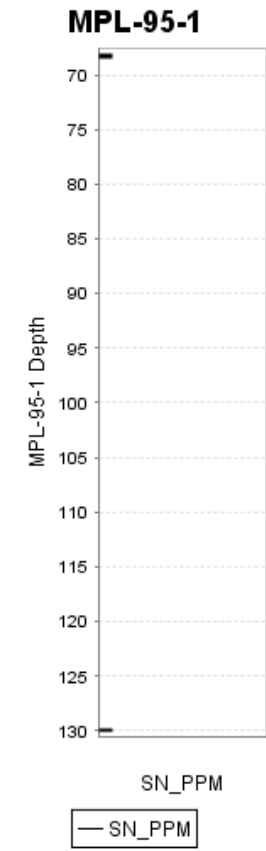
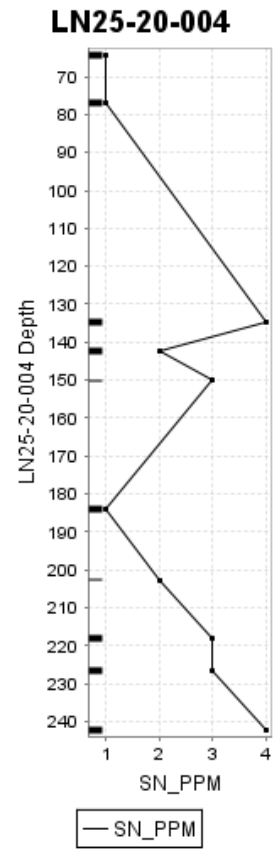
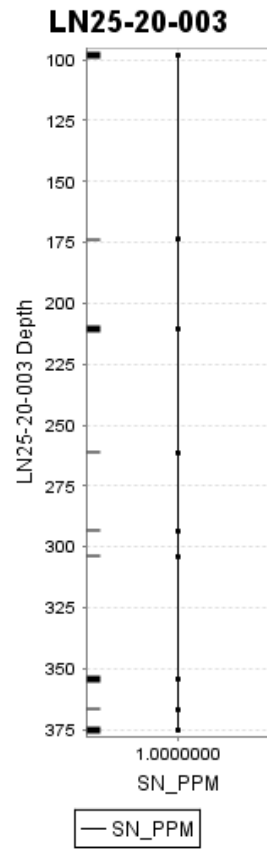
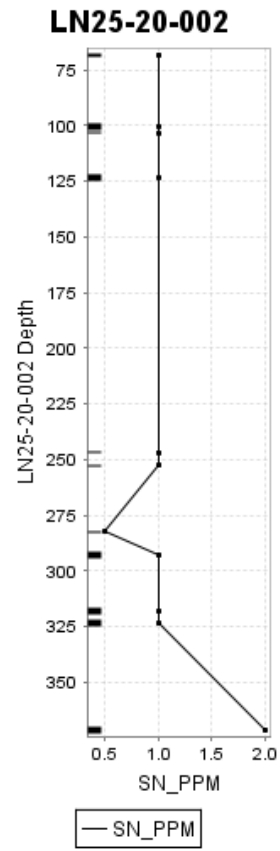
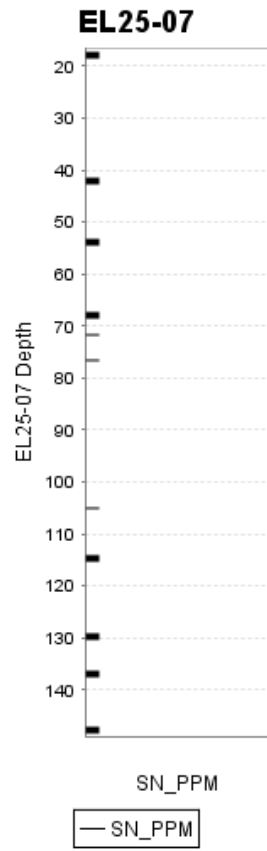
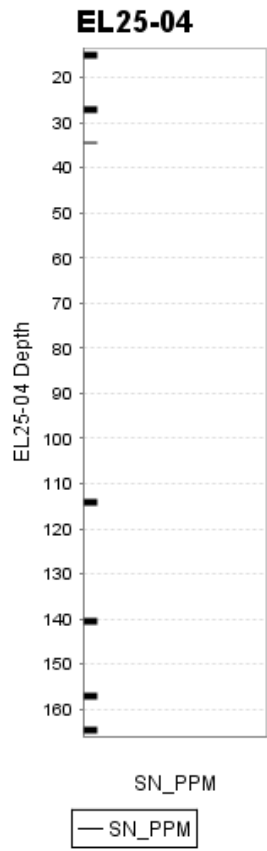
**MPL-95-1**



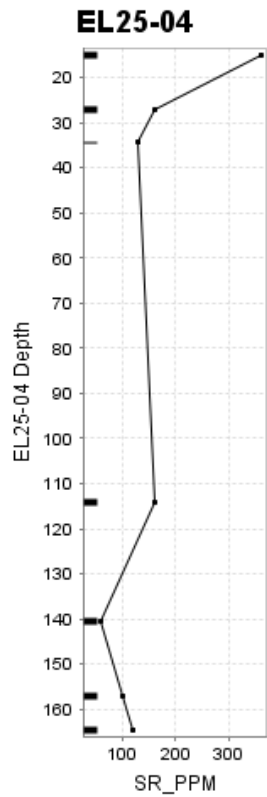
S\_PPM

— S\_PPM

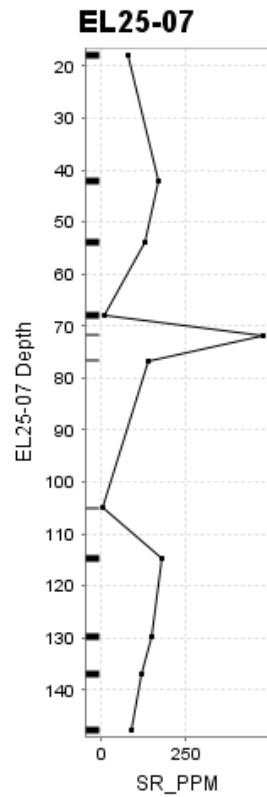




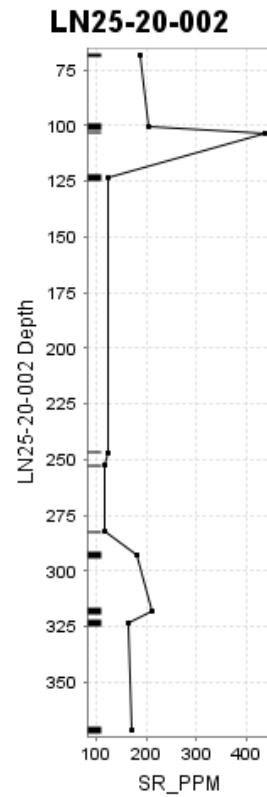




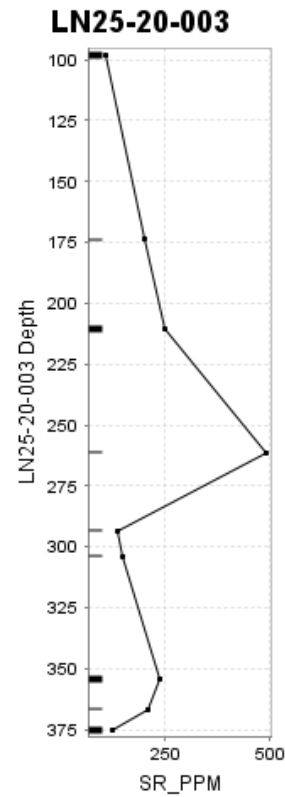
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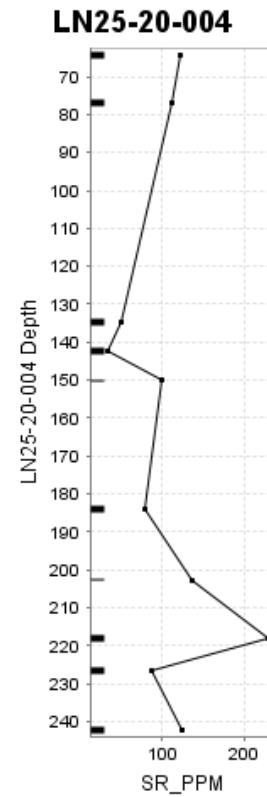
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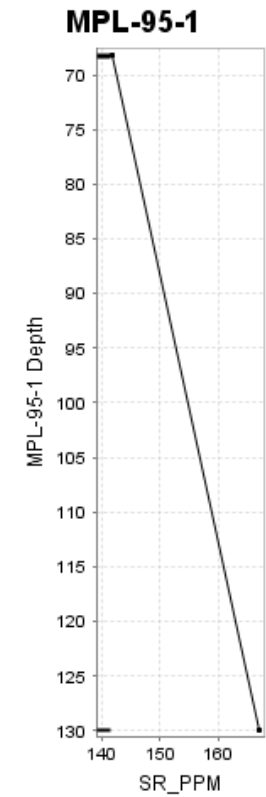
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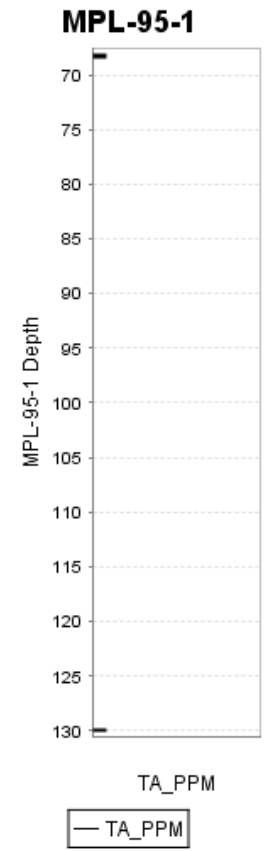
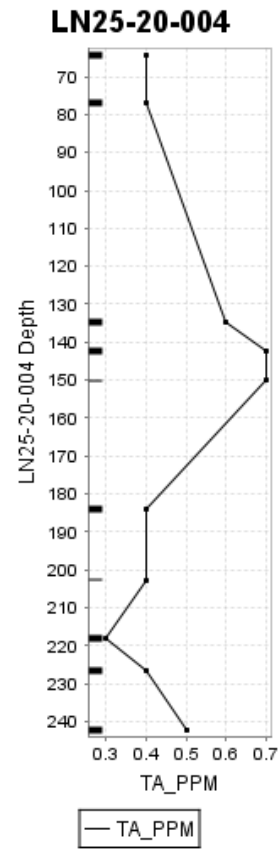
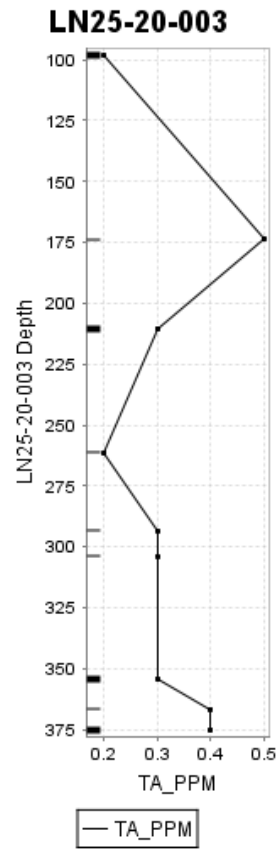
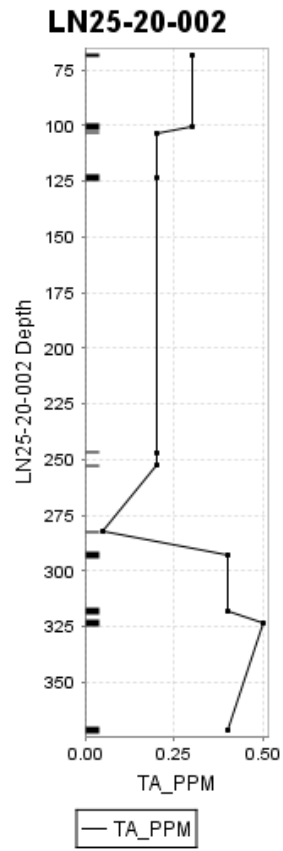
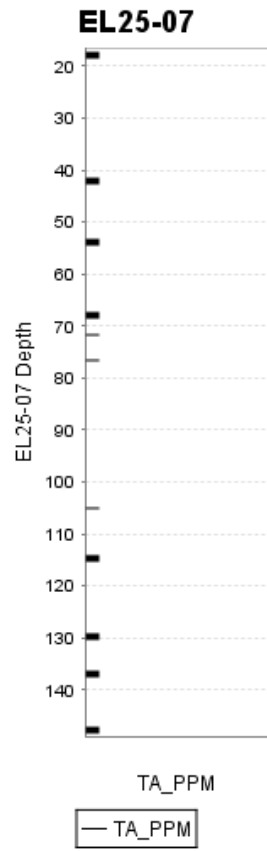
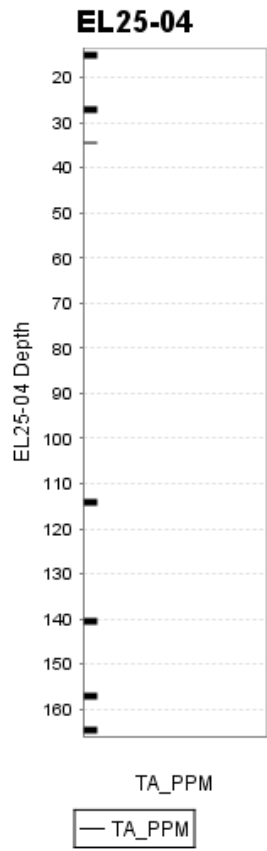
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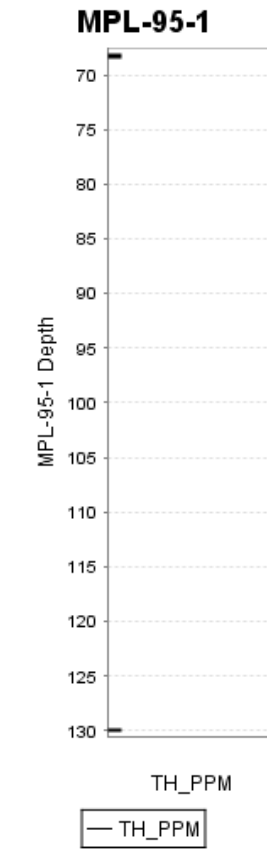
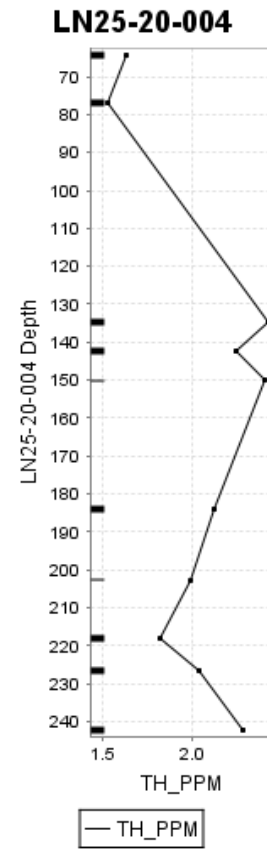
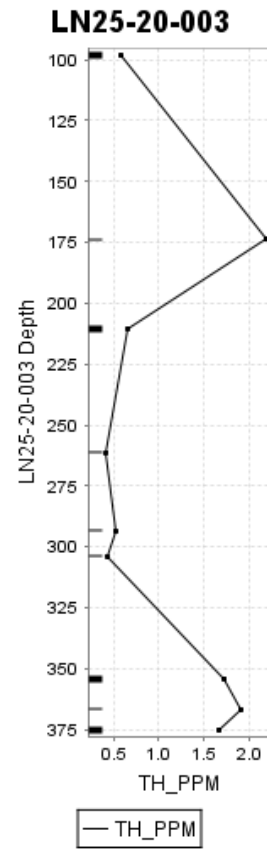
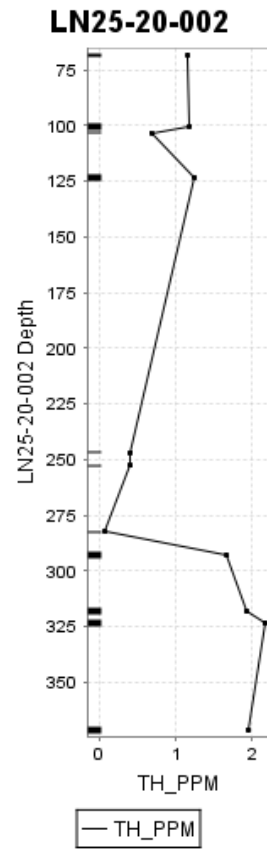
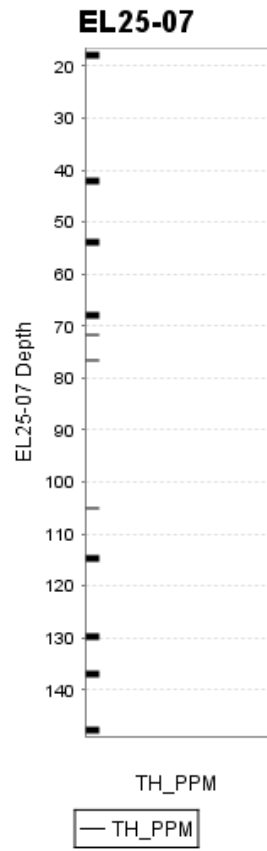
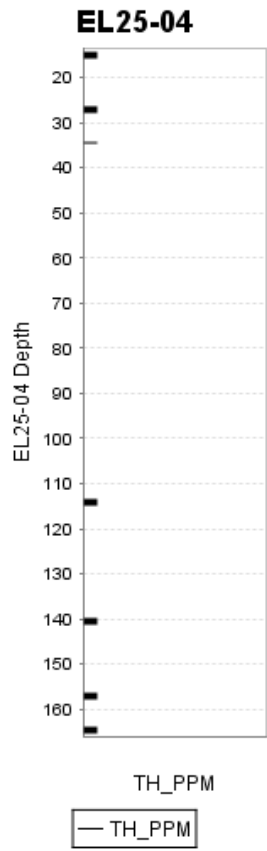


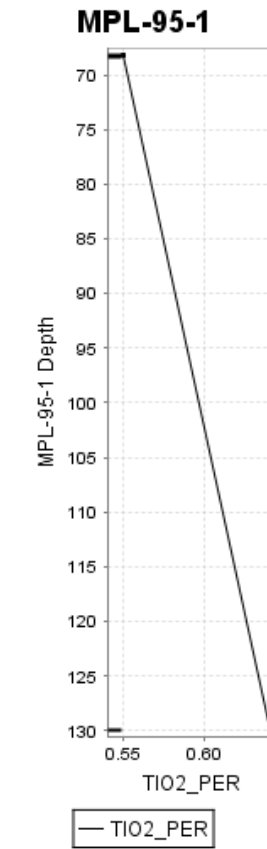
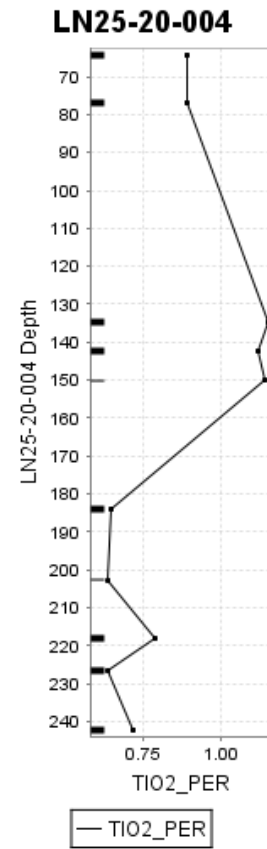
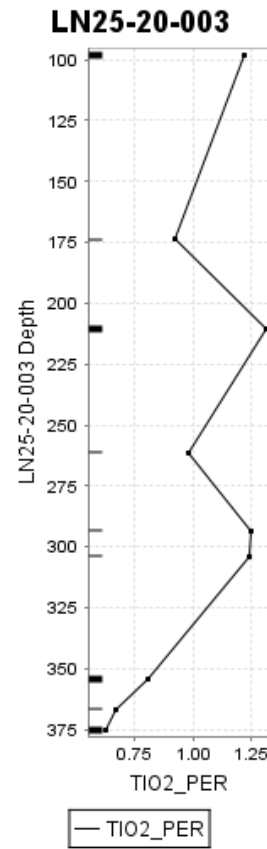
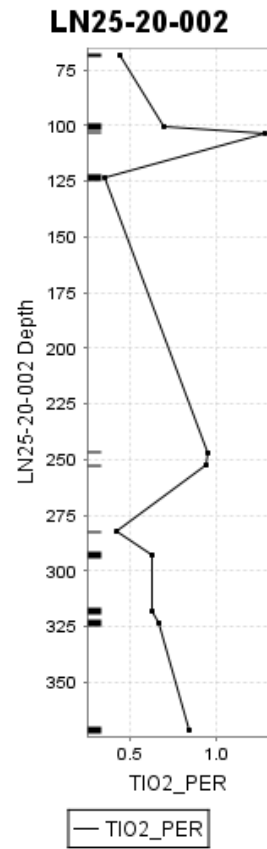
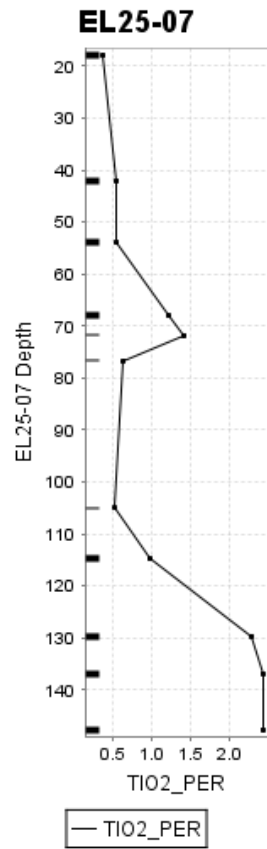
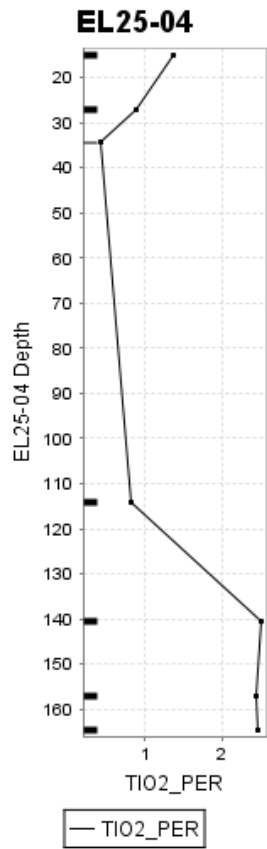
— SR\_PPM



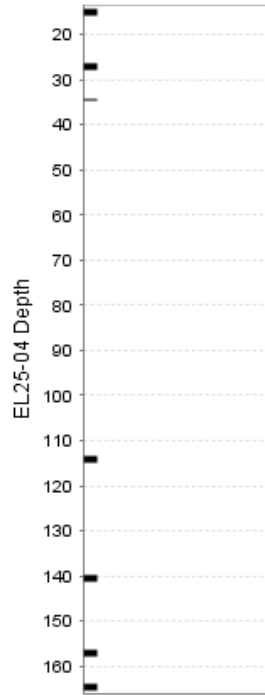
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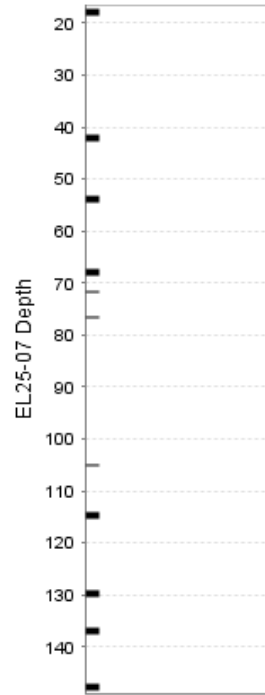
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TI\_PPM

— TI\_PPM

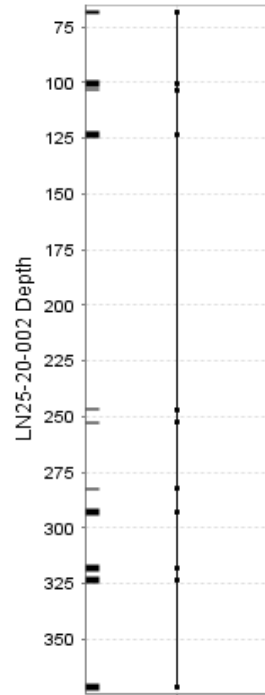
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TI\_PPM

— TI\_PPM

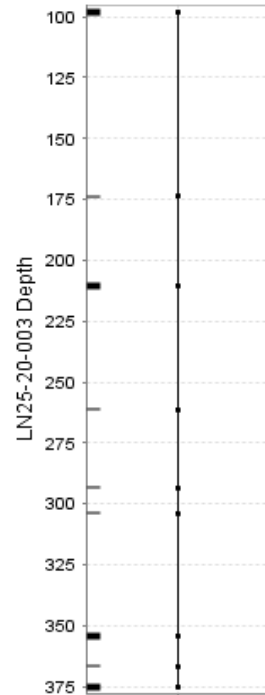
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TI\_PPM

— TI\_PPM

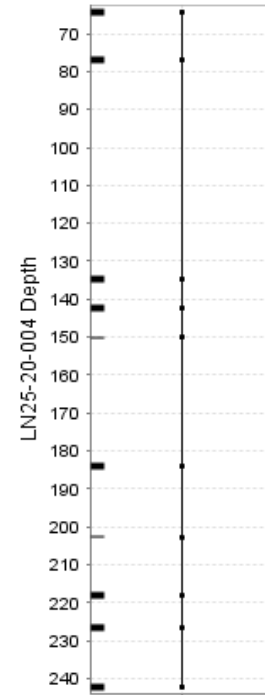
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TI\_PPM

— TI\_PPM

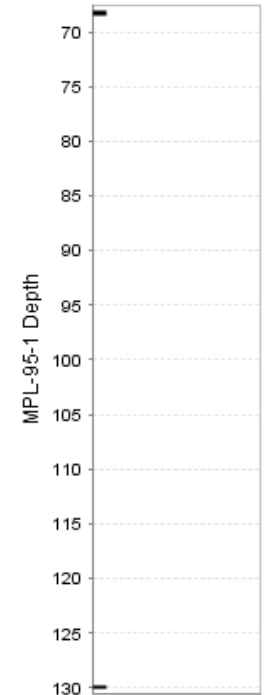
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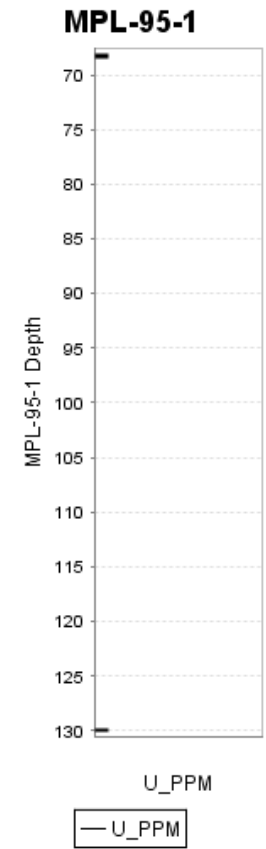
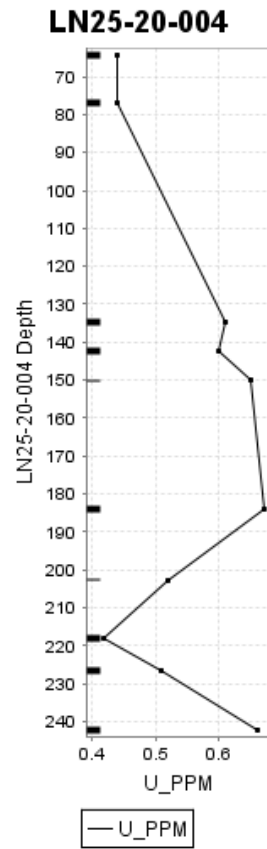
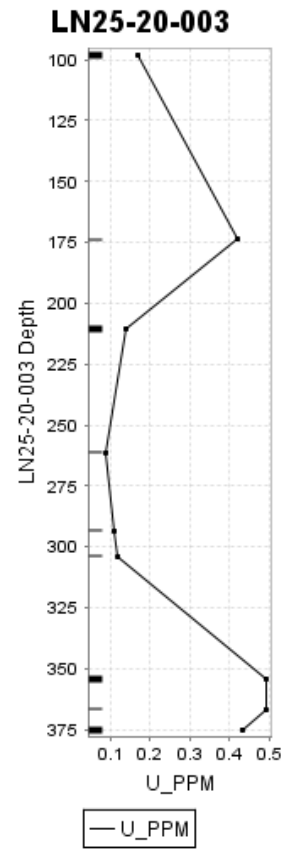
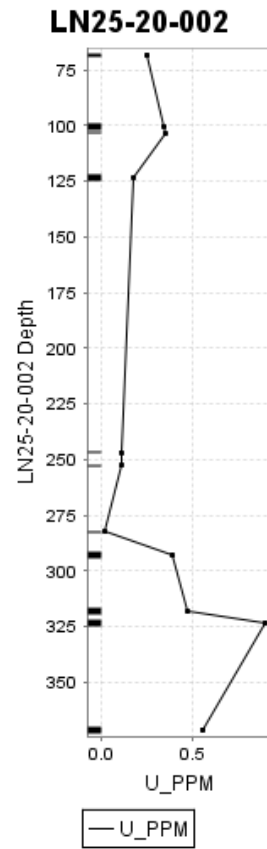
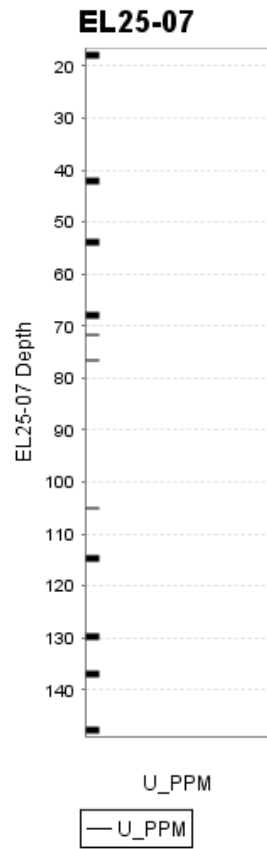
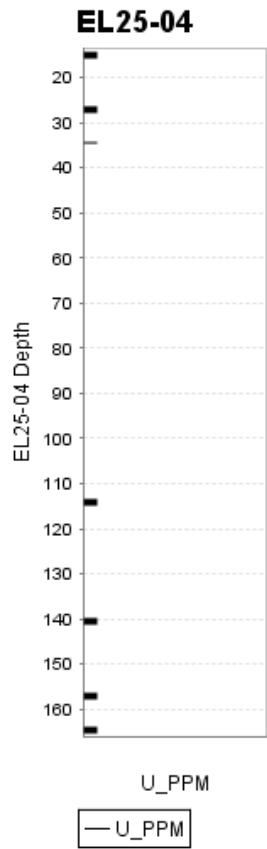
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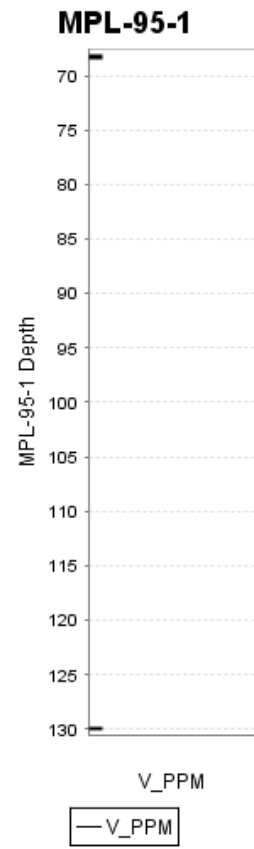
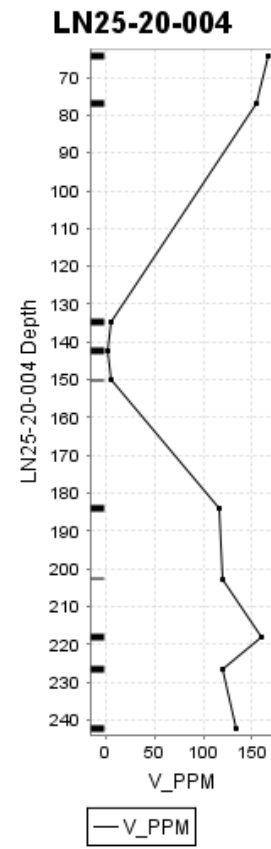
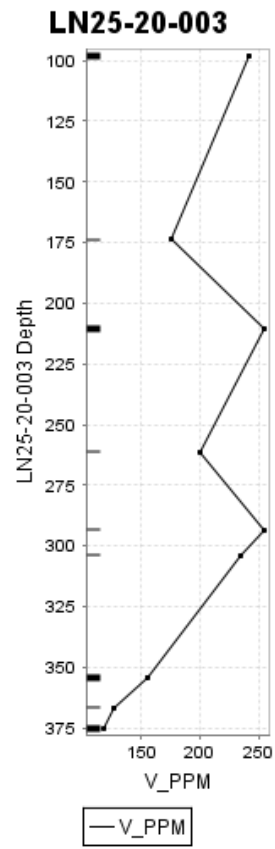
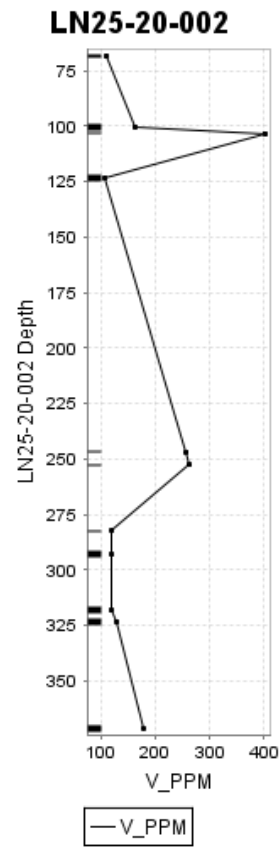
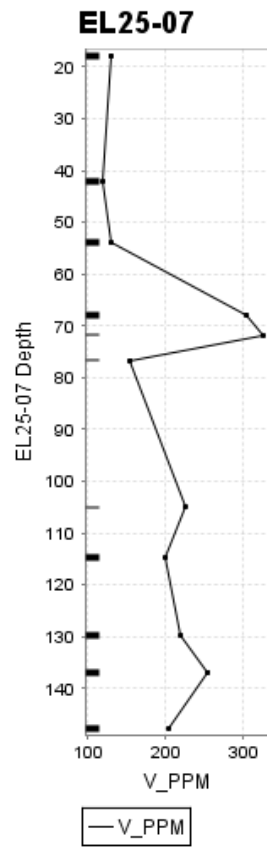
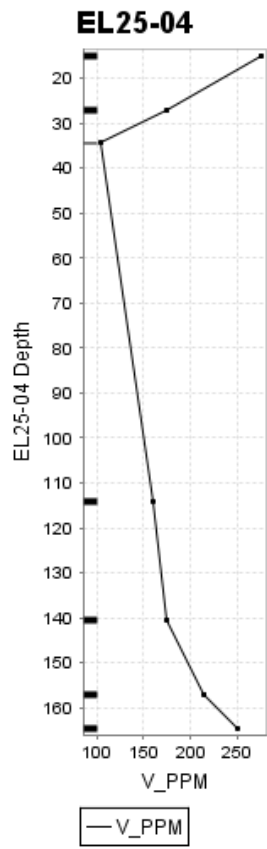
**MPL-95-1**

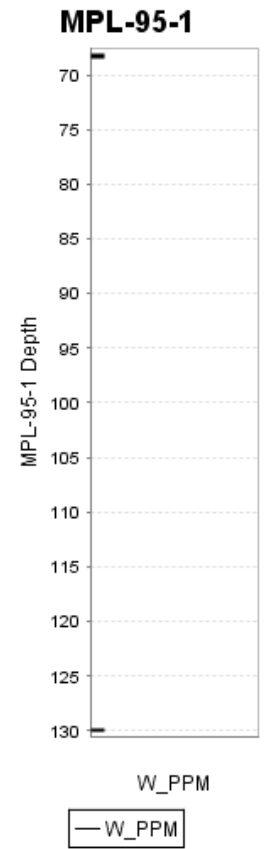
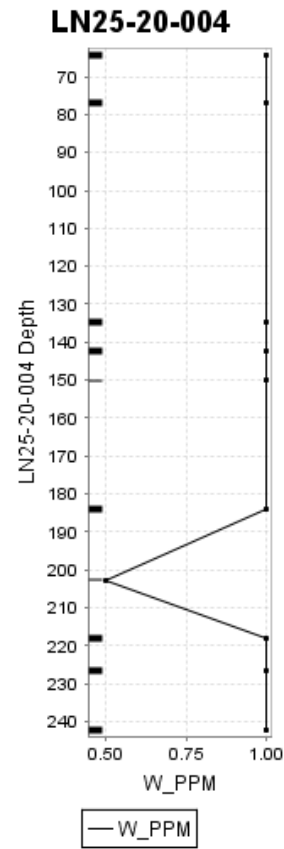
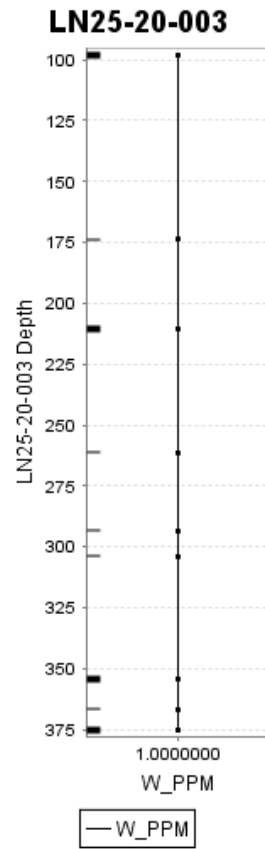
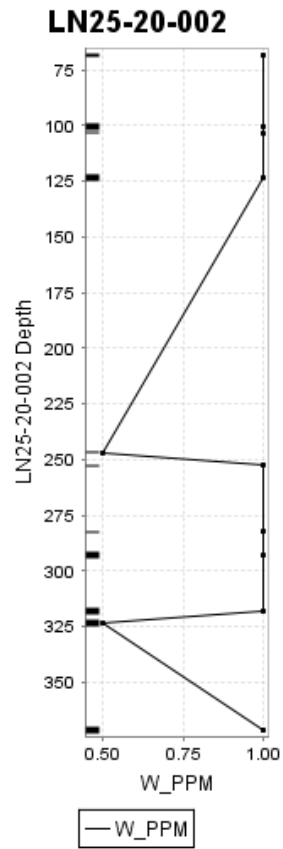
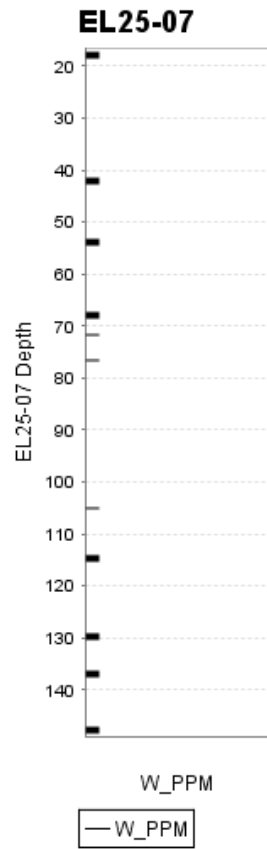
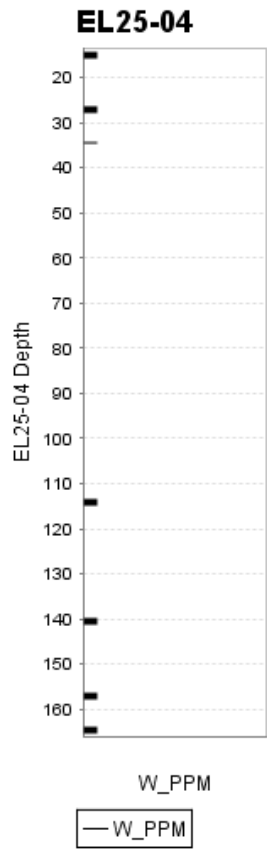


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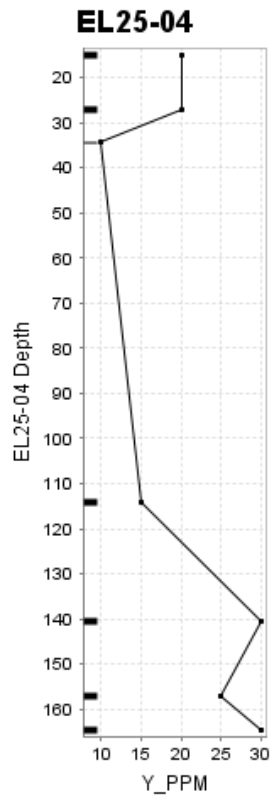
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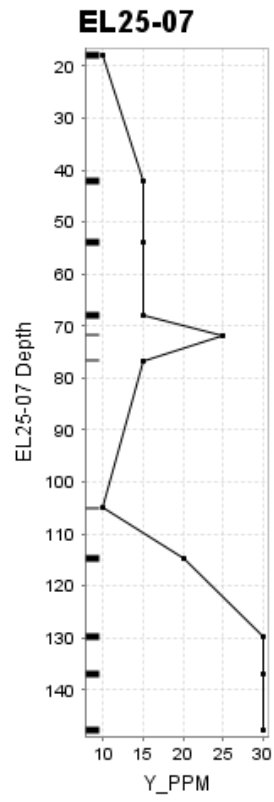




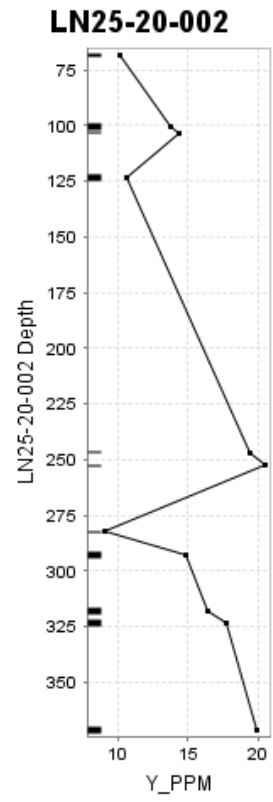




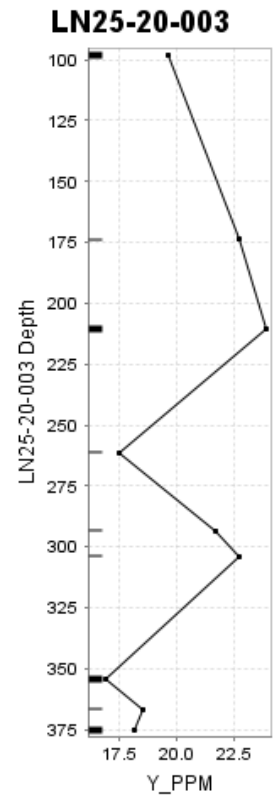
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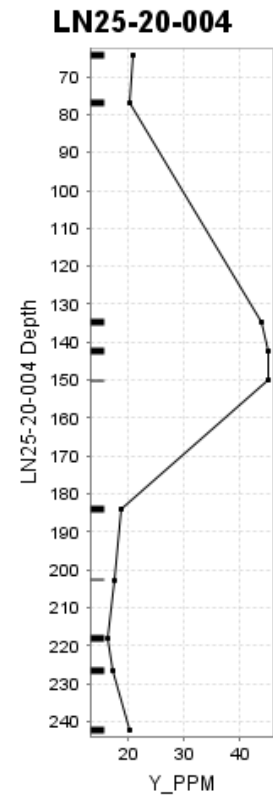
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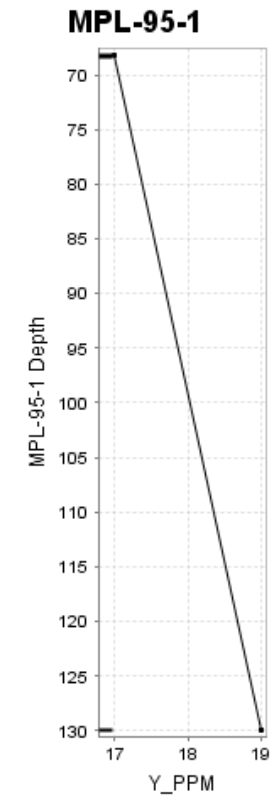
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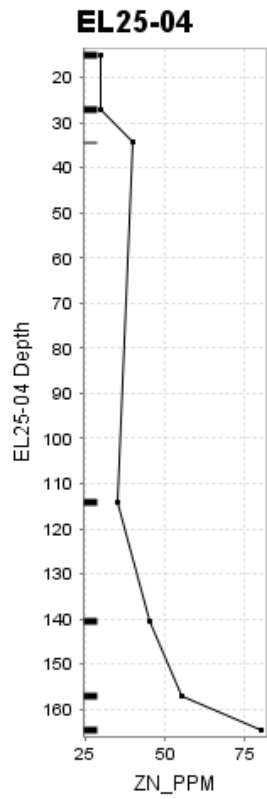
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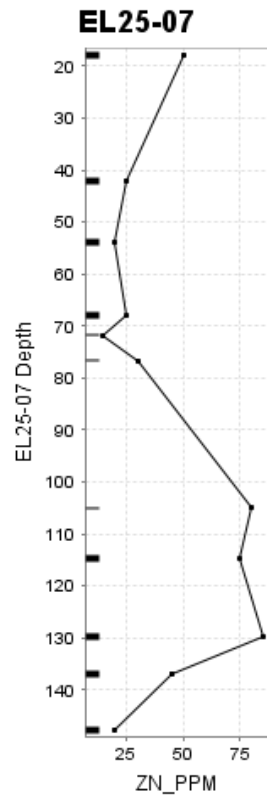
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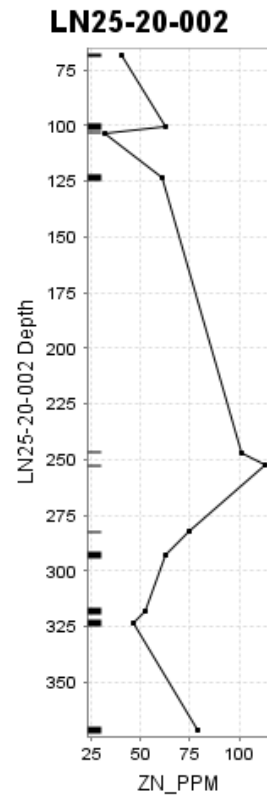
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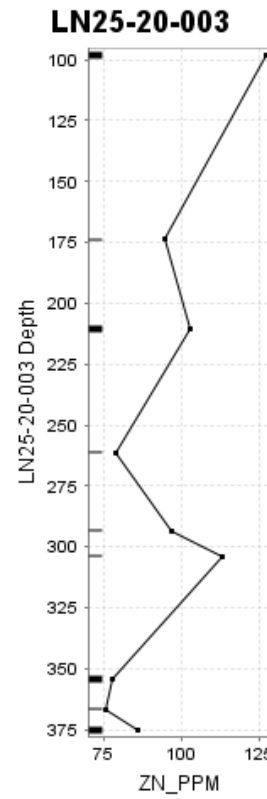
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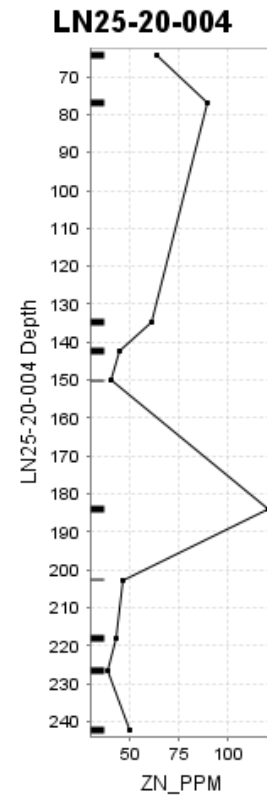
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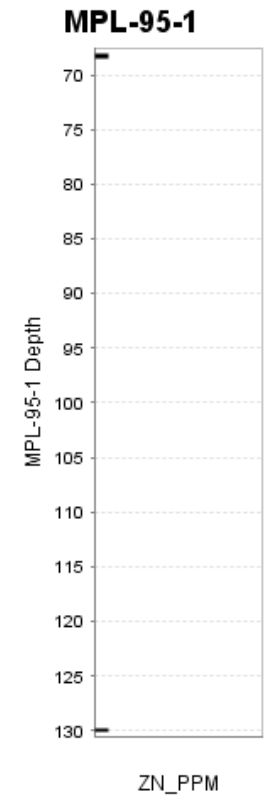
— ZN\_PPM



— ZN\_PPM



— ZN\_PPM



— ZN\_PPM