

# 2021 Assessment Report on Janes Property

Diamond drilling

Geological mapping and bedrock sampling

Biogeochemical sampling

Soil sampling

Borehole geophysical survey

Janes Property

Janes Township, Sudbury Mining Division, Ontario, Canada

NTS Sheet 41I/09

Prepared for:



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## **Abbreviations and Initialisms**

3D – three-dimensional

BHEM – borehole electromagnetic

CRM – certified reference material

EM – electromagnetic

Ga – billion years ago

HELITEM – helicopter borne electromagnetic/magnetic

HRGC/MS – high-resolution gas chromatographer mass spectrometer

ICP-AES – inductively-coupled plasma atomic emission spectrometer

ICP-MS – inductively-coupled plasma mass spectrometer

IP – induced polarization

IRM – internal reference material

LIP – large igneous province

MMI – Mobile Metal Ions

MPD – mean percentage difference

PGE – platinum group element

QA/QC – quality assurance/quality control

SGH – Spatiotemporal Geochemical Hydrocarbons

UTM – Universal Transverse Mercator

VLF-EM – very low frequency electromagnetic

VMS – volcanogenic massive sulphide

## Summary

This report outlines the work completed by SPC Nickel Corp in 2021 for assessment purposes on the Janes Property. The Property is approximately 50 km east of Sudbury, in the Janes, McNish and Davis townships. The Janes Property consists of 95 contiguous claims.

The target of exploration on the Property consists of magmatic sulphide hosted Ni-Cu-PGE mineralization hosted in a Proterozoic-aged Nipissing gabbro sill which intrudes Huronian sediments. The objectives of the work completed by SPC Nickel were to define the extent and continuity of mineralization at Trench 1 on the Property, and to test surficial geochemical methods of exploration over known mineralization for potential deployment across the rest of the property.

A diamond drilling program totaling 921 metres defined the mineralized body at Trench 1 as well as tested a western geophysical anomaly defined by the 2020 induced polarization and magnetometer survey. A borehole electromagnetic survey on a historic drillhole attempted to locate evidence of sulphide mineralization at depth east of Trench 1. Biogeochemical and soil sampling orientation surveys were conducted over the areas of Trench 1 and 4 to determine their efficacy in detecting shallow sulphide hosted Ni-Cu-PGE mineralization. The results of the orientation surveys suggest the Spatiotemporal Geochemical Hydrocarbon method of soil sample analysis could be tested across other areas on the property.

## Location and Access

The Janes Property is in the Janes, McNish and Davis townships, in the Sudbury Mining District, approximately 50 km east of Sudbury (Figure 1). The property is accessed via the Trans-Canada Highway (ON-17), following ON-535 to Boundary Road, and continuing onto secondary dirt roads. The property is an approximately 1.5-hour drive (98 km) from Sudbury. All 2021 drill sites and work detailed in this report are within the Janes Township.

## Project Description

The Janes Property consists of 95 mining claims. The outline of the property is shown in Figure 1 and the individual claims on the map in Appendix 1. SPC Nickel Corp is in an option agreement to earn a 100% interest in the Property. The current Property ownership is summarized in Table 1.

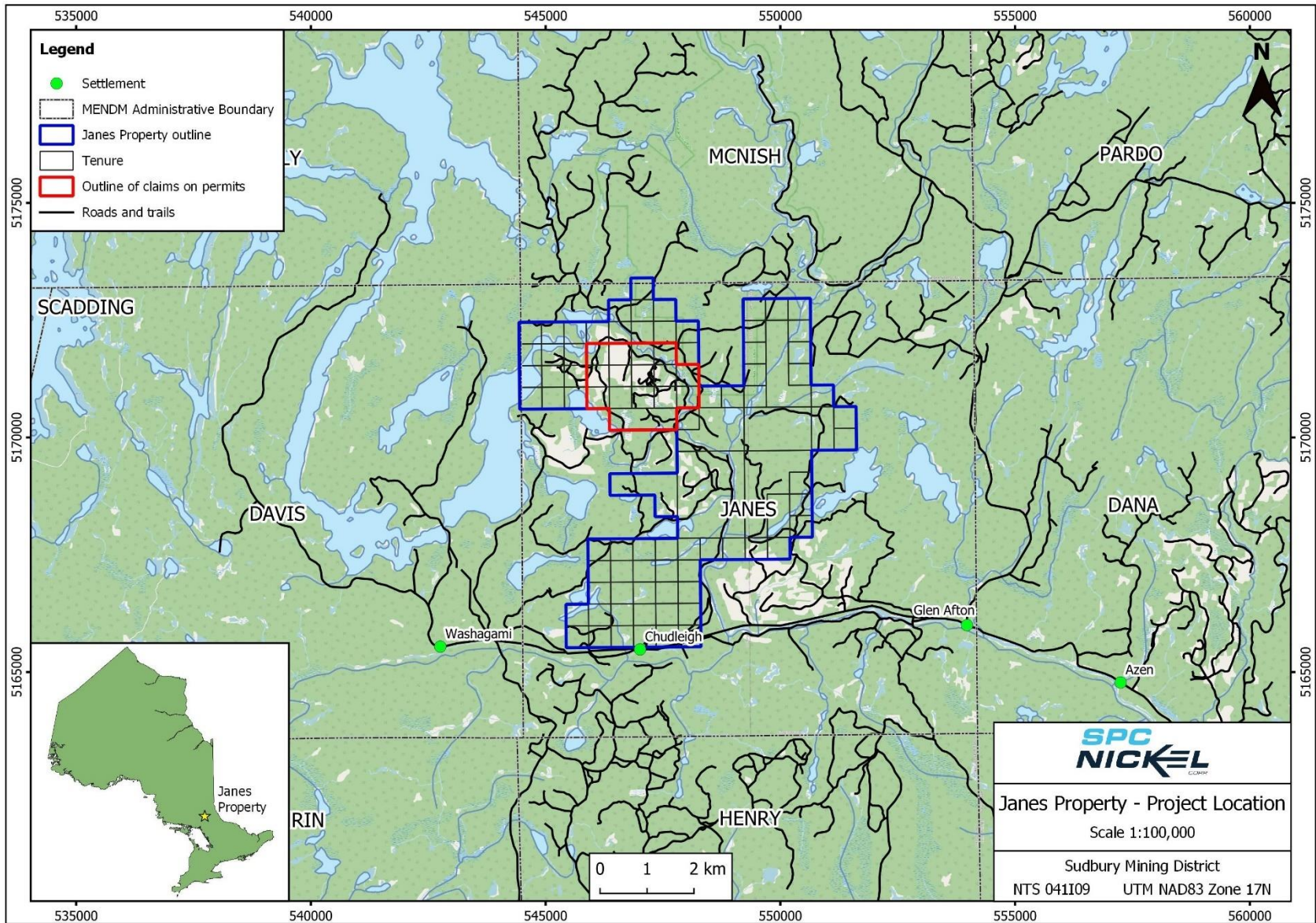


Figure 1. Location of Janes Project



Table 1. List of Janes Property mining claims and ownership

Claim	Type	Owner
548578	12 Multi Cell	Brian Wright (210254) 100%
548579	5 Multi Cell	Brian Wright (210254) 100%
548725	5 Multi Cell	Brian Wright (210254) 100%
548726	6 Multi Cell	Brian Wright (210254) 100%
548727	2 Multi Cell	Brian Wright (210254) 100%
238837	Boundary	Brian Wright (210254) 100%
190187	Boundary	Brian Wright (210254) 100%
294034	Boundary	Brian Wright (210254) 100%
202326	Single Cell	Brian Wright (210254) 100%
172765	Single Cell	Brian Wright (210254) 100%
136835	Single Cell	Brian Wright (210254) 100%
226024	Single Cell	Brian Wright (210254) 100%
312931	Single Cell	Brian Wright (210254) 100%
344403	Single Cell	Brian Wright (210254) 100%
294035	Single Cell	Brian Wright (210254) 100%
301447	Single Cell	Brian Wright (210254) 100%
286010	Single Cell	Brian Wright (210254) 100%
563091	7 Multi Cell	Brian Wright (210254) 100%
339677	Boundary	Brian Wright (210254) 100%
339680	Boundary	Brian Wright (210254) 100%
215325	Single Cell	Brian Wright (210254) 100%
233888	Single Cell	Brian Wright (210254) 100%
186107	Single Cell	Brian Wright (210254) 100%
340870	Single Cell	Brian Wright (210254) 100%
136836	Single Cell	Brian Wright (210254) 100%
256125	Single Cell	Brian Wright (210254) 100%
182055	Single Cell	Brian Wright (210254) 100%
188835	Single Cell	Brian Wright (210254) 100%
311585	Single Cell	Brian Wright (210254) 100%
284640	Single Cell	Brian Wright (210254) 100%
256128	Single Cell	Brian Wright (210254) 100%
218722	Single Cell	Brian Wright (210254) 100%
201016	Single Cell	Brian Wright (210254) 100%
256127	Single Cell	Brian Wright (210254) 100%
256126	Single Cell	Brian Wright (210254) 100%
201017	Single Cell	Brian Wright (210254) 100%
182044	Single Cell	Brian Wright (210254) 100%
226041	Single Cell	Brian Wright (210254) 100%
226043	Single Cell	Brian Wright (210254) 100%
218723	Single Cell	Brian Wright (210254) 100%
226042	Single Cell	Brian Wright (210254) 100%
256129	Single Cell	Brian Wright (210254) 100%
291864	Single Cell	Randy Stewart (408174) 100%
235844	Single Cell	Randy Stewart (408174) 100%
237389	Single Cell	Randy Stewart (408174) 100%
272513	Single Cell	Randy Stewart (408174) 100%
135993	Single Cell	Randy Stewart (408174) 100%
135992	Single Cell	Randy Stewart (408174) 100%

135992	Single Cell	Randy Stewart (408174) 100%
331079	Single Cell	Randy Stewart (408174) 100%
331080	Single Cell	Randy Stewart (408174) 100%
254651	Single Cell	Randy Stewart (408174) 100%
187996	Single Cell	Randy Stewart (408174) 100%
187994	Single Cell	Randy Stewart (408174) 100%
235845	Single Cell	Randy Stewart (408174) 100%
237390	Single Cell	Randy Stewart (408174) 100%
135994	Single Cell	Randy Stewart (408174) 100%
187995	Single Cell	Randy Stewart (408174) 100%
582747	3 Multi Cell	Randy Stewart (408174) 100%
582748	4 Multi Cell	Randy Stewart (408174) 100%
563092	2 Multi Cell	Randy Stewart (408174) 100%
107977	Single Cell	Randy Stewart (408174) 100%
182129	Boundary	Randy Stewart (408174) 100%
107975	Boundary	Randy Stewart (408174) 100%
265931	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333439	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
302535	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
301795	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333438	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
253860	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
199200	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
271931	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
320389	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
185809	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
112768	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333022	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
154035	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333440	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
322043	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
167974	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
321293	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
320390	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333441	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
206671	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333791	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
154707	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
135162	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
333792	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
273352	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
151229	Single Cell	Brian Wright (210254) 50%, Randy Stewart (408174) 50%
587411	Single Cell	Sudbury Platinum Corp 100%
587410	Single Cell	Sudbury Platinum Corp 100%
571319	Single Cell	Sudbury Platinum Corp 100%
571318	Single Cell	Sudbury Platinum Corp 100%
571317	Single Cell	Sudbury Platinum Corp 100%
571316	Single Cell	Sudbury Platinum Corp 100%

## History

Previous exploration work completed on the Janes Property is summarized in Table 2.

*Table 2. History of exploration work on Janes Property*

<b>Year</b>	<b>Company</b>	<b>Description</b>	<b>Report</b>
1958	Norseman Nickel Corp	Prospectus, notes, correspondence	41I09NW0203
1968	Ossington Explorations Ltd	Line cutting; ground magnetometer survey; ground EM survey; stripping, trenching and sampling	20006899
1968	Triller Explorations Ltd	Line cutting; ground magnetometer survey; ground EM survey; stripping, trenching and sampling	41I09NW0207
1969	Kennco Explorations (Canada) Ltd	Diamond drill program (9 holes, 1999.49 m); IP survey	41I09NW0210
			41I09NW0054
			41I09NW0206
1988	BP Resources Canada	Helicopter-borne magnetic and VLF-EM survey	41I14NE0203
1988–89	Falconbridge Ltd	IP survey; ground magnetometer survey; pulse EM survey (DEEPEM); stripping; historical core re-assay	41I09NW0200
			41I14SW0014
			41I09NW5000
1991	T Kampman	Prospecting; soil sampling (OPAP program)	41I09NW9500
1995	Falconbridge Ltd	BEEP MAT survey	41I09NW0012
1998–99	L S Jobin-Bevans	Line cutting; geological mapping; prospecting	41I09NW2003
1999–2001	Pacific North West Capital Corp and Anglo Platinum	Diamond drill programs (26 holes, 2552.66 m)	41I09NW2038
2007	GoldTrain Resources Inc	Diamond drill program (9 holes, 826 m)	20008291
2011	GoldTrain Resources Inc	Stripping, trenching and geological mapping; diamond drill program (4 holes, 572 m)	20009380
			20011419
2014–15	Pacific North West Capital Corp and R. Stewart	Geological mapping and prospecting	20012877
2015	North American Palladium, R Stewart, B Wright	Airborne HELITEM EM and magnetic survey; geological mapping and prospecting	20000013856
2016	R Stewart and B Wright	Geological mapping and prospecting	20000015250_01
2018	R Stewart and B Wright	Line cutting; geological mapping; prospecting	20000017135_01
2020	SPC Nickel Corp	Line cutting; IP survey; ground magnetometer survey; stripping/trench rehabilitation; air photo and remote imagery interpretation; channel sampling (16 channels, 273 samples)	20000019455

## Geological Setting

This section of the report is modified after an NI 43-101 technical report by Hadyn Butler in 2008 on behalf of GoldTrain Resources Inc.

### Regional Geology

To the north and west of the Janes Property, the Archean basement is dominated by complex mesozonal gregarious granite-gneiss batholiths. As part of the Superior Province, a major portion of these gneisses consists of granodioritic gneiss. Interfolded into these granodioritic gneiss domes are narrow greenstone belts with submarine tholeiitic basalts and andesites along with interflow chert horizons, banded iron formations and acidic volcanics. Past producers in these greenstones include small volcanogenic massive sulphide (VMS) deposits (mostly zinc) and iron deposits.

Sometime before 2.4 billion years ago (Ga) passive anoxic sedimentation (with uraniferous conglomerates) and basaltic volcanism (Elsie Mountain and Stobie formations) commenced above a major unconformity at the southern-rifted margin of the Archean-aged Superior Province. This sedimentation was subsequently accompanied by the injection of anorthosite-ultramafic complexes (East Bull Lake gabbros and the Matachewan dike swarm) and acidic volcanics (Copper Cliff formation) representing the remains of an early Proterozoic large igneous province (LIP). Episodic sedimentation continued. The sedimentary-volcanic packages are collectively known as the Huronian Supergroup (Figure 2). To the northeast, Huronian sedimentation occurred in fault-bounded basins, forming the Cobalt Embayment. Part of the Cobalt Embayment is controlled by long-lived north-northwest faults showing sinistral displacements for a period of nearly 1 Ga. The Janes Property lies near the southern margin of the Cobalt Embayment, and about 20 km north of the later Proterozoic (~1 Ga) Grenville Front Tectonic Zone.

In the period from 2.4 to 2.2 Ga, folding and metamorphism (to upper amphibolite facies) of the Huronian sedimentary-volcanic packages commenced to the south during the Blezardian orogeny. Small-sized granitic plutons were injected. Just before the Blezardian folding ceased, regional basaltic magmatism in the form of well-differentiated tholeiitic diabase sheets (the Nipissing diabase LIP) injected into the Huronian units and the upper parts of the underlying Archean basement. The initiation of Huronian deformation occurred pre-Nipissing, as indicated by the Nipissing sheets cutting early folds within the Huronian units. In places, pre-Nipissing metamorphism attained amphibolite facies. In the South Range of the Sudbury Structure, Blezardian tectonism led to a southward overturning of Huronian units.

The subsequent 1.9–1.7 Ga Penokean Orogeny imposed a static greenschist overprint on to Blezardian metamorphics accompanied by northward thrusting and dextral transpression. This new tectono-metamorphic event was accompanied by shearing and faulting along east-northeast lines following major faults that were part of the pre-2.4 Ga rifting event. The Sudbury Basin (Figure 2) and associated Ni-Cu-PGE orebodies are the result of a 1.85 Ga meteorite impact melt sheet near the centre of a ~260 km wide impact basin. The impact hit the active Penokean mountain belt and its adjacent Archean-Proterozoic basement. Penokean shearing and east-northeast faulting continued after the impact. The Janes Property resides within the “outer zone of damage” of this large impact structure.

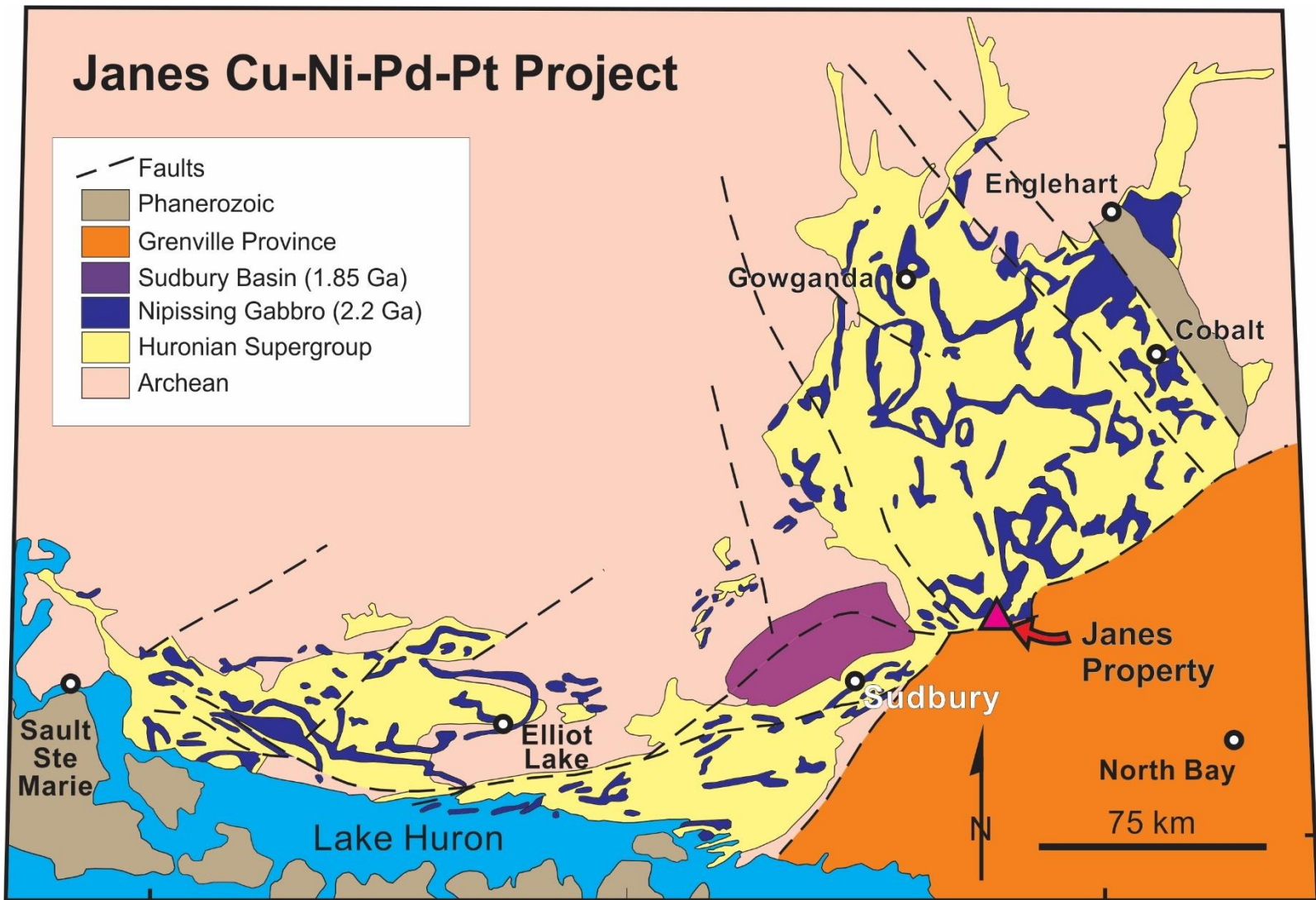


Figure 2. Regional geology in Janes Project area

## Property Geology

The Janes Property (Figure 3) consists mainly of Nipissing gabbros and Huronian sediments (Gowganda and Lorrain formations of the Cobalt Group). The gabbro has inward-dipping lower contacts that might define an original lopolith. Called the Chiniguchi River intrusion, this Nipissing body hosts several compact zones of sulphide-hosted Ni-Cu-PGE mineralization near the footwall contact with the Huronian sediments. Irregularities in an undulating footwall contact may be of consequence in the localization of mineralization. Bedrock mapping did not recognize any lithological patterns suggestive of cryptic or rhythmic intrusive layering. Nonetheless, previous mapping has shown a crude change from fine-grained gabbro to the west to a medium-grained hypersthene gabbro, medium-to coarse-grained leucocratic gabbro and coarse-grained to pegmatitic and vari-textured gabbro in the east (Jobin-Bevans, 1998). Gabbro units to the east contain more modal quartz. Hypersthene gabbro, the host rock to most of the known mineralization, is recognized in outcrop to occur within 150 m of the basal contact with Gowganda formation sediments and most of the hypersthene gabbro occurs within 75–100 m of the basal contact (Jobin-Bevans, 1998).

All units show the effects of greenschist facies regional metamorphism. Metamorphic mineral assemblages in Nipissing gabbro on the Property include chlorite, albite, epidote and saussurite after plagioclase, as well as chlorite and actinolite after pyroxene. These effects are more obvious in leucocratic phases of the gabbro. Minor biotite occurs in some locations in the gabbro, but it is uncertain whether the mineral is a primary magmatic or a secondary metamorphic phase. A late northwest-striking olivine diabase dike, part of the Sudbury Dike Swarm, cuts through the centre of the property. The southernmost portion of the property contains a portion of Mississagi Formation sediments of the Hough Lake Group between the northern branch of the Ess Creek Fault and the Grenville Front, which occurs just metres south of the property boundary.

## Mineralization

Known Ni-Cu-PGE mineralization on the Janes Property comprises PGE-rich sulphide mineralization near the base of the Nipissing gabbro intrusion. Sulphides consist of varying amounts of chalcopyrite, pyrrhotite and pentlandite, along with minor pyrite. The sulphides occur as disseminated and blebby, with lesser veinlets, breccia zones and net-textured patches. Total sulphide content commonly ranges from <1% to as much as 15% in some of the disseminated and blebby sections and is hosted by a weakly metamorphosed medium-grained, massive hypersthene (1–10% orthopyroxene) gabbro. Rare semi-massive (25–75% total sulphide) to massive (>75% total sulphide) sulphide veins and pods occur near the basal contact of the intrusion possibly in primary contact crenulations, near the basal contact of the intrusion associated with shears, and within sediment-gabbro breccias that are proximal (<1–30 m) to the basal contact. The greatest known potential for mineralization is within 10–30 m of the lower gabbro contact. However, anomalous Ni-Cu-PGE mineralization has been observed substantially higher in the gabbro and it is undetermined whether this is primary in nature or due to fault-fracture remobilization.

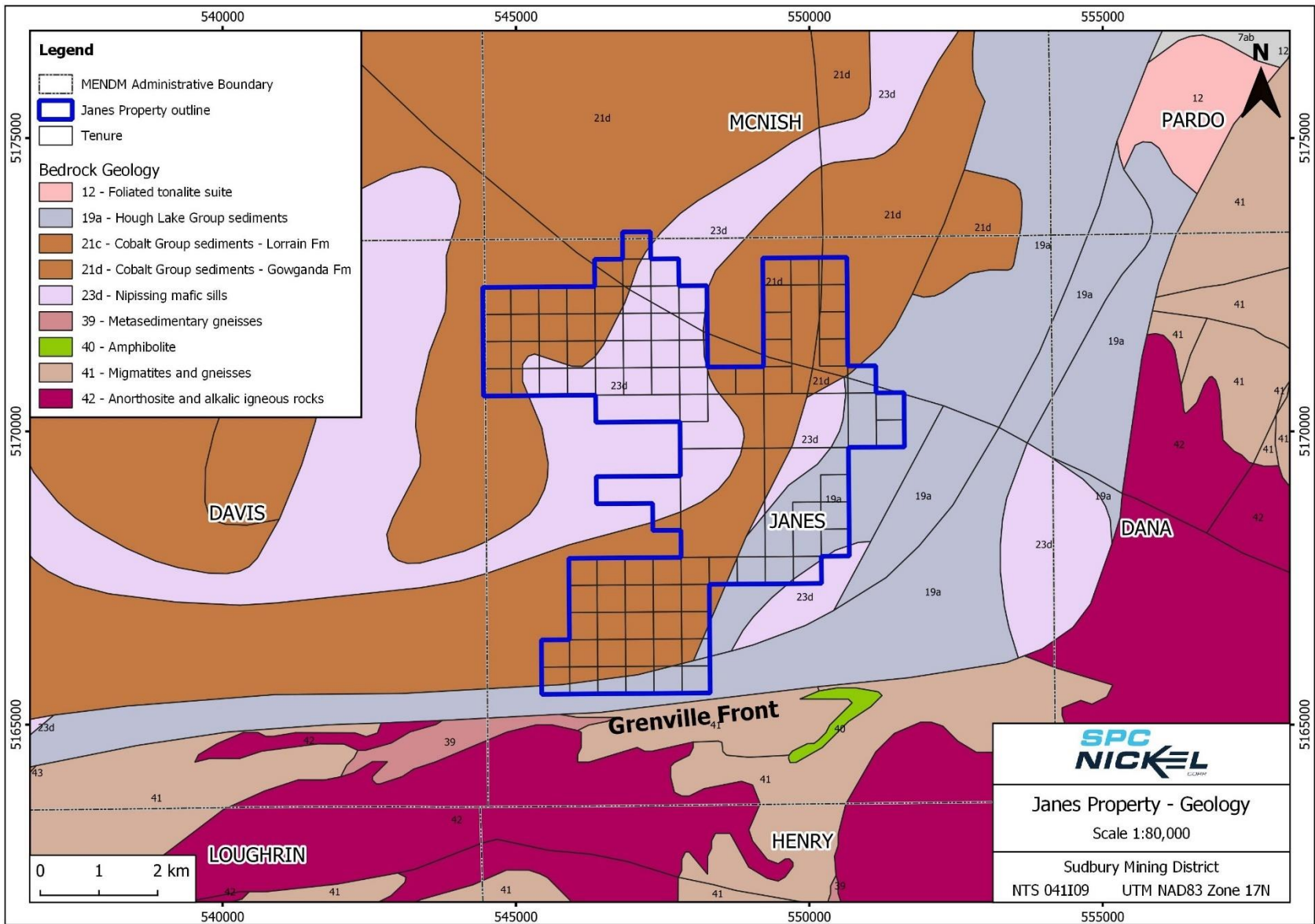


Figure 3. Property geology of Janes Project

## Exploration Permits

The exploration permit issued applicable to the 2021 diamond drilling covered in this report is PR-19-000289 in the name of Randy Stewart, covering diamond drillholes JP-21-001 to JP-21-018. The exploration permit issued applicable to the 2021 borehole geophysics covered in this report is PR-21-000154 in the name of SPC Nickel Corp, covering the surveyed historic diamond drillhole JR99-04. Permit PR-19-000289 was applied for by Randy Stewart on November 8, 2019 and was issued on December 17, 2019. It covers the activity of Mechanized Drilling on claims 182044, 201017, 226042, 226043, 256126, 256127, 256128, 256129, and 284640. Permits PR-21-000154, PR-21-000157 and PR-21-000158 were applied for by SPC Nickel Corp on May 6, 2021 and were issued on June 14, 2021. They cover the activities of Mechanized Drilling and Ground Geophysical Survey Requiring a Generator on claims: 182044, 201017, 218722, 218723, 226042, 226043, 256126, 256127, 256128, 256129, 284640 and 311585 (PR-21-000154); 135994 and 187995 (PR-21-000157); and 582747 (PR-21-000158).

## 2021 Diamond Drilling Program

### Diamond Drilling Summary

From May 27 to June 16, 2021, Forage Geo-Nord completed 18 NQ-sized diamond drillholes for SPC Nickel Corp (Table 3) totaling 921 m on the Janes Property. The relevant permit for the 2021 diamond drilling program is PR-19-000289 (Figure 4).

*Table 3. Summary of 2021 diamond drill holes on Janes Property*

Hole ID	Easting	Northing	Elevation	Claim Number	Azimuth	Dip	Final Depth (m)
JP-21-001	547205.639	5171347.854	252.228	284640	0	-90	51
JP-21-002	547205.639	5171347.854	252.228	284640	300	-45	27
JP-21-003	547205.639	5171347.854	252.228	284640	260	-45	27
JP-21-004	547205.639	5171347.854	252.228	284640	200	-45	30
JP-21-005	547218.976	5171364.680	250.676	284640	0	-90	36
JP-21-006	547218.976	5171364.680	250.676	284640	300	-45	27
JP-21-007	547218.976	5171364.680	250.676	284640	260	-45	27
JP-21-008	547218.976	5171364.680	250.676	284640	200	-45	51
JP-21-009	547225.565	5171357.888	250.993	284640	0	-90	45
JP-21-010	547223.403	5171344.637	250.134	284640	0	-90	42
JP-21-011	547221.437	5171345.618	250.097	284640	300	-50	51
JP-21-012	547219.348	5171329.824	249.022	284640	0	-90	51
JP-21-013	547218.113	5171330.442	249.018	284640	300	-50	51
JP-21-014	547216.276	5171315.814	249.202	284640	0	-90	51
JP-21-015	546688.054	5171370.153	253.770	226042	280	-50	162
JP-21-016	546690.846	5171369.346	253.742	226042	100	-50	111
JP-21-017	547226	5171286	254	284640	0	-90	30
JP-21-018	547195.020	5171321.028	250.862	284640	0	-90	51



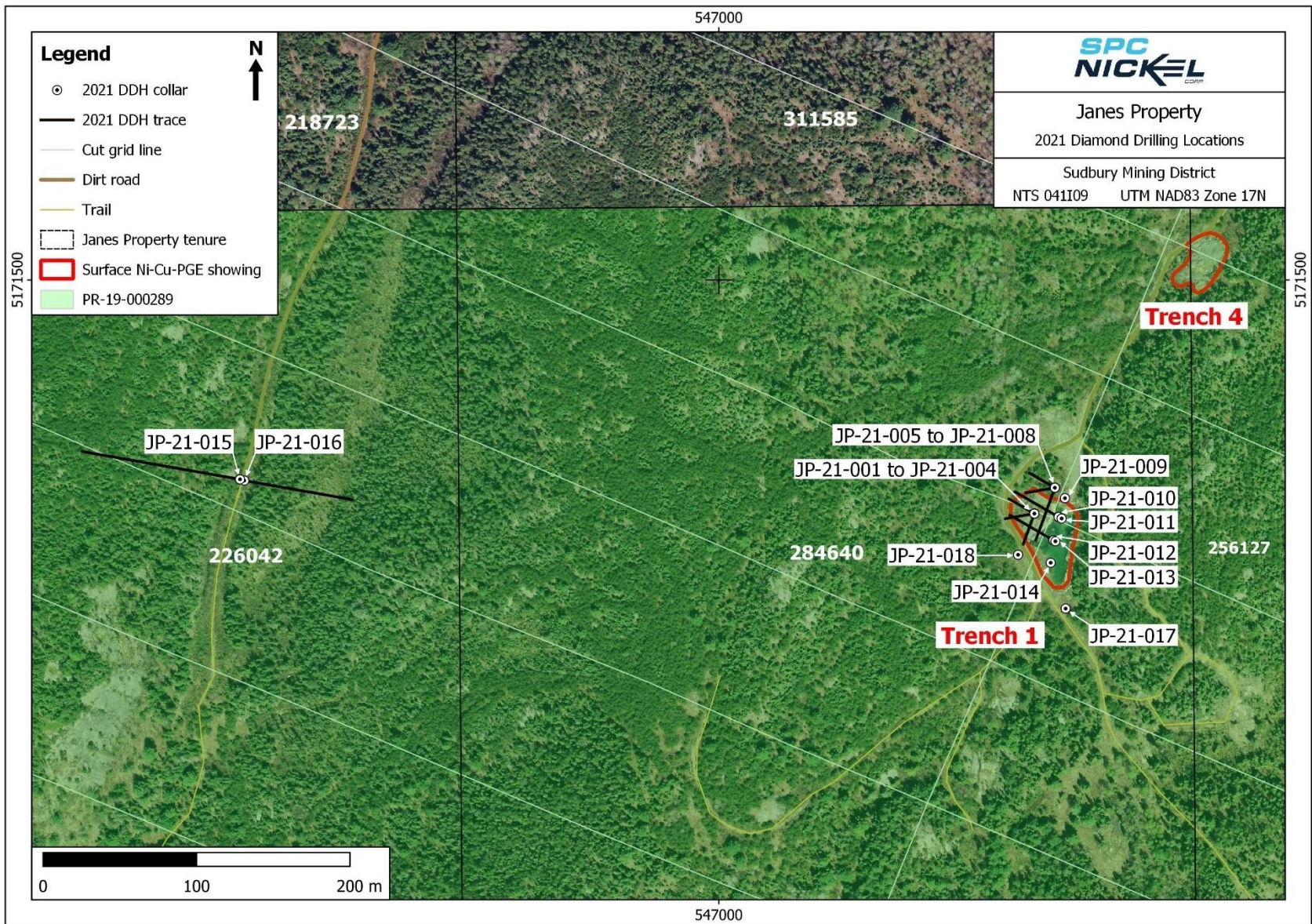


Figure 4. 2021 diamond drilling locations and permit PR-19-000289

In preparation for the diamond drilling program, Sturgeon Falls Brush and Contracting was contracted to brush part of an overgrown dirt road for approximately 1.3 km. The resulting work widened the road for safe and efficient access to the diamond drilling sites by pickup truck. Additional work was conducted by Sturgeon Falls Brush and Contracting to clear drill pads for the 2021 diamond drilling program.

The diamond drilling program focused on defining the extent and continuity of the high-grade Trench 1 mineralization and consisted of 16 short, closely spaced drill holes (JP-21-001 to -014 and JP-21-017 to -018). Two additional holes (JP-21-015 to -016) were drilled 520 m west of Trench 1 to explore an area of interest (“Target B”) defined by the 2020 induced polarization (IP) and magnetometer survey.

The Trench 1 drilling program was designed to test the lateral and vertical continuity of the mineralized zone that is exposed at surface at the Trench 1 showing. The drill program consisted of 647 m in 16 holes (Table 3) that ranged in depth from 27 to 51 m and tested an area measuring approximately 75 m by 45 m. Mineralization at the Trench 1 area is dominated by disseminated magmatic sulphides, hosted within a hypersthene-bearing gabbro unit situated about 10 m above the basal contact of the Nipissing sill and the surrounding metasediments.

The two diamond drill holes at “Target B” west of Trench 1 totaled 273 m. The objective was to determine the source of the chargeability anomaly of the 2020 3D IP survey and to test the geological model that the Nipissing sill is folded and extends under the Huronian metasediments to the west.

At the completion of each hole, casing was pulled, and an end of hole inspection was conducted by SPC personnel. In one case (hole JP-21-016), casing had to be left in the ground, however the above-ground portion was removed. Following the diamond drilling program, a differential global positioning system (DGPS) device was rented by SPC Nickel Corp and used to obtain accurate UTM coordinates, including elevation data, for each diamond drill collar location. Once diamond drilling was complete, a Ministry of Transportation of Ontario (MTO) approved grass and clover seed mix was spread on drill pads to aid in revegetation and protect against soil erosion.

### Sample Preparation and Analysis

All core was logged in detail by Rachel Chouinard of SPC Nickel Corp. Core was cut and sampled by Chris Caron of SPC Nickel Corp. A total of 510 core samples (not including QA/QC) from the Trench 1 area were submitted by SPC Nickel Corp to ALS Geochemistry commercial laboratory in North Vancouver, BC where they were prepared for analysis by crushing and pulverizing to <75 microns. Aliquots of a homogenized pulp for each sample were analyzed separately by sodium peroxide fusion and ICP-AES finish for multi-element geochemistry (method ME-ICP81), by aqua regia digest and atomic absorption spectrometry (AAS) for silver (method Ag-AA45), and by fire assay and ICP-AES finish for platinum, palladium and gold (method PGM-ICP23). The elements determined by ALS Geochemistry’s sodium peroxide fusion and ICP-AES finish (method ME-ICP81) are: Al, As, Ca, Co, Cr, Cu, Fe, K, Mg, Mn, Ni, Pb, S, Si, Ti, and Zn. Detection limits for these elements are listed on the certificates of analysis, available in Appendix 4. Diamond drill logs, plans and sections, and assays are available as Appendices 2, 3 and 4, respectively.

### Results

Table 4 highlights significant results from the 2021 diamond drilling on the Janes Property. All results are available in Appendix 4.

Table 4. Highlights of assay results from 2021 diamond drill holes on Janes Property

Hole ID	Interval			Base Metals		Precious Metals					Total Metal Equivalent		
	From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)	3E PGM (g/t)	Ni Eq (%)	Pd Eq (g/t)	Cu Eq (%)
JP-21-001	1.00	11.50	10.50	0.46	0.93	0.57	3.68	0.38	3.10	4.63	3.15	6.12	5.57
Including	1.00	10.00	9.00	0.51	1.04	0.63	4.04	0.43	3.41	5.10	3.48	6.76	6.15
JP-21-002	1.85	8.50	6.65	0.40	0.83	0.56	3.90	0.63	2.90	5.09	3.23	6.27	5.71
Including	1.85	5.50	3.65	0.60	1.23	0.81	5.68	1.05	4.28	7.54	4.78	9.28	8.45
JP-21-003	1.88	8.50	6.62	0.37	1.74	0.47	3.12	0.32	2.49	3.91	2.61	5.08	4.62
Including	1.88	6.00	4.12	0.48	0.96	0.60	3.96	0.43	3.17	4.99	3.35	6.52	5.93
JP-21-004	1.70	15.50	13.80	0.25	0.55	0.28	1.75	0.24	1.86	2.27	1.61	3.14	2.85
Including	1.70	9.50	7.80	0.39	0.86	0.42	2.58	0.37	2.84	3.37	2.44	4.73	4.31
JP-21-005	No significant mineralization encountered												
JP-21-006	No significant mineralization encountered												
JP-21-007	No significant mineralization encountered												
JP-21-008	19.00	27.00	8.00	0.20	0.37	0.28	2.00	0.13	1.63	2.41	1.55	3.01	2.74
JP-21-009	4.25	13.50	9.25	0.21	0.42	0.24	1.50	0.18	1.78	1.92	1.34	2.61	2.37
JP-21-010	2.90	29.50	26.60	0.30	0.69	0.29	1.70	0.26	3.16	2.25	1.73	3.37	3.06
Including	11.00	22.50	11.50	0.36	0.78	0.38	2.35	0.33	3.52	3.06	2.22	4.32	3.93
JP-21-011	2.60	19.00	16.40	0.33	0.70	0.30	1.76	0.29	2.31	2.35	1.81	3.51	3.20
Including	7.00	14.00	7.00	0.52	1.09	0.46	2.83	0.48	3.40	3.77	2.87	5.58	5.08
JP-21-012	3.00	24.00	21.00	0.19	0.39	0.18	1.00	0.16	1.33	1.34	1.03	1.99	1.81
Including	9.00	24.00	15.00	0.21	0.41	0.22	1.28	0.18	1.47	1.68	1.22	2.36	2.15
Including	17.5	24.00	6.50	0.24	0.51	0.29	1.90	0.22	1.70	2.41	1.65	3.21	2.92
JP-21-013	6.50	18.20	11.70	0.23	0.50	0.26	1.56	0.22	1.52	2.04	1.45	2.83	2.57
Including	13.50	18.00	4.50	0.28	0.59	0.37	2.45	0.23	1.80	3.05	2.04	3.97	3.61
JP-21-014	3.00	27.00	24.00	0.25	0.55	0.20	1.03	0.21	1.71	1.44	1.21	2.36	2.15
Including	11.00	27.00	16.00	0.28	0.60	0.25	1.40	0.25	1.85	1.90	1.49	2.89	2.63
JP-21-015	No significant mineralization encountered												
JP-21-016	No significant mineralization encountered												
JP-21-017	22.50	28.00	5.50	0.16	0.30	0.06	0.13	0.09	2.92	0.28	0.45	0.88	0.80
JP-21-018	No significant mineralization encountered												

Note: 3E PGM represents Pd g/t + Pt g/t + Au g/t. Equivalent values calculated using the 30-day average metal prices of US\$8.03/lb. Ni, US\$4.54/lb. Cu, US\$1,187/oz Pt, US\$2,833/oz Pd, US\$1,882/oz Au and \$27.77/oz Ag listed in the June 17, 2021, Press Release. Recoveries were not used in calculations. Note that all drilling intervals are down-hole lengths. True thicknesses cannot be estimated with available information.

Drilling in the Trench 1 area has outlined a 50 metre (strike length) by 100 metre (dip extents) zone of high-grade mineralization that ranges in thickness from 6.5 to 25.0 m (drill core length) within a larger low-grade halo. Mineralization is dominated by 5-10% fine- to medium-grained disseminated sulphides occurring within a well-defined zone of hypersthene-bearing gabbro. A discontinuous zone of high-grade breccia-hosted mineralization is also observed in some of the historic drill holes (e.g. JR99-01) at the base of the main mineralized zone. Stringers and veins of massive chalcopyrite mineralization, with values of up to 10% Cu (over 0.25 m) are reported in close association with altered fragments of country rock metasediments.

JP-21-015 was collared in metasediments and intersected the sill at a depth of 58.0 m. The hole was stopped at a depth of 162 m when it was determined that the hole was drilling relatively down the interpreted dip of the sill. No source of the chargeability anomaly was identified, but the results did confirm that the sill extends to the west beneath the Huronian metasediments where it remains untested.

JP-21-016 (drilled just east of JP-21-015) intersected over 25 m of overburden before encountering the Nipissing sill. The hole was stopped at a depth of 111 m. Initial interpretations suggest that the thick zone of overburden may represent a NW-SE trending fault along the western limb of the folded sill.

### **Interpretation and Conclusions**

The results from the drilling at Trench 1 confirm the potential for the property to host high-grade Ni-Cu-PGE mineralization relatively close to surface.

Preliminary geological modeling suggests that neither of the two “Target B” holes tested the same stratigraphic level of the sill that hosts the Trench 1 mineralization. The difference in stratigraphic position may be a result of vertical displacement along late north-south trending faults. Geological mapping will help build the geological model and determine the potential presence of a fault with the objective being to determine the location of the Trench 1 stratigraphy. The overburden thickness in hole JP-21-015 (4.8 m) compared to that of JP-21-016 (26.7 m) helps to indicate the presence of a larger-scale structure such as a fault. The difference in depth to bedrock indicates that the sharp cliff face of outcropping bedrock (tillite sediment on surface) next to the drill holes continues to steeply plunge below the overburden surface. The structure is expressed on surface by a long swamp over the trace of the potential fault which follows the western outer contact of the Nipissing gabbro with the metasediments.

### **Recommendations**

Immediately following the diamond drilling program, a biogeochemical orientation survey (detailed in this report) was completed to determine if this method could be used as an effective exploration tool to be applied to the entire Janes Property in areas of limited outcrop exposure. Following the biogeochemical survey, detailed geological mapping of the grid on the Janes Property (detailed in this report) was completed to collect geological and structural data to be integrated into the larger geological model to better understand the nature of the known mineralization and the overall potential of the property to host additional zones of sulphide mineralization. Following the bedrock mapping, a soil sampling orientation survey using two different analysis methods (detailed in this report) was completed to determine if this method could be used as an effective exploration tool to be applied to the entire Janes Property.

The next step is to complete detailed geological modelling of the size and grade distribution within the high-grade zone as well as the incorporation of the overlying lower-grade zone. This work will allow SPC to better assess the economic potential of the Trench 1 area and the overall potential of the property.

# Borehole EM Geophysical Survey

## Summary

A borehole EM (BHEM) survey was completed on historical drillhole JR99-04 (547362 m E, 5171238 m N) (Figure 5) on August 1, 2021 by Lamontagne Geophysics Ltd ("Lamontagne") of Kingston, Ontario. Drillhole JR99-04 is located 180 m southeast of Trench 1. The relevant permit for the BHEM survey is PR-21-000154.

## Objectives

The objective of the BHEM survey on historical hole JR99-04 was to look for a conductor in the vicinity of the drillhole to generate a drilling target for mineralization at depth. The logs for historical hole 69-08 (25 m northwest of JR99-04) reference semi-massive sulphides in pyroxenite from 172.82 to 180.75 metres. The casing for hole 69-08 could not be located, therefore the closest hole with a casing, no obstructions and an adequate depth (JR99-04) was the target for the BHEM survey.

## Results and Interpretation

The profiles for the BHEM survey on historical hole JR99-04 are shown in Figures 6 and 7 and Appendix 5. Interpretation was completed by Alan King of Sudbury, Ontario. No significant results were reported.

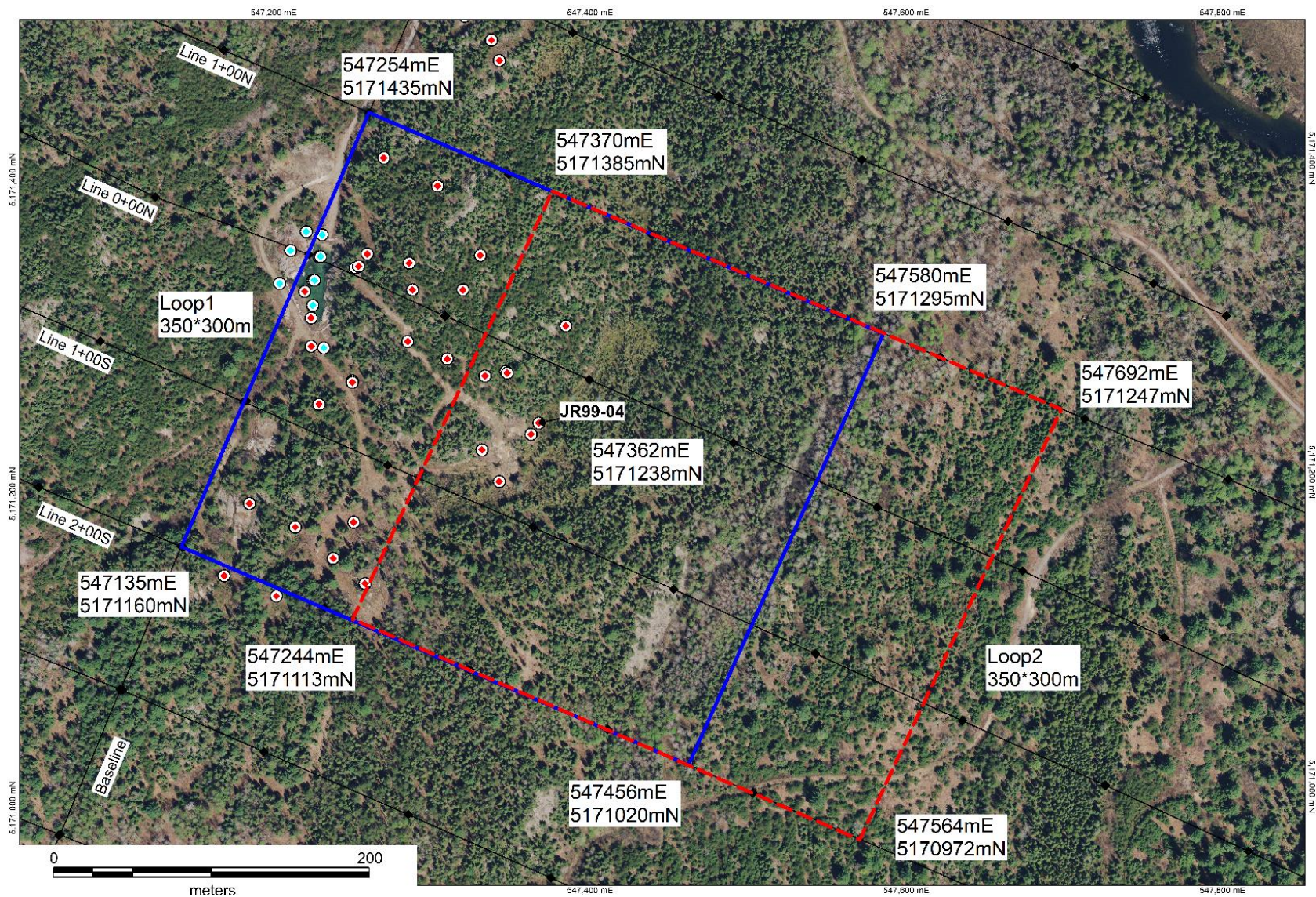


Figure 5. BHEM loops for hole JR99-04

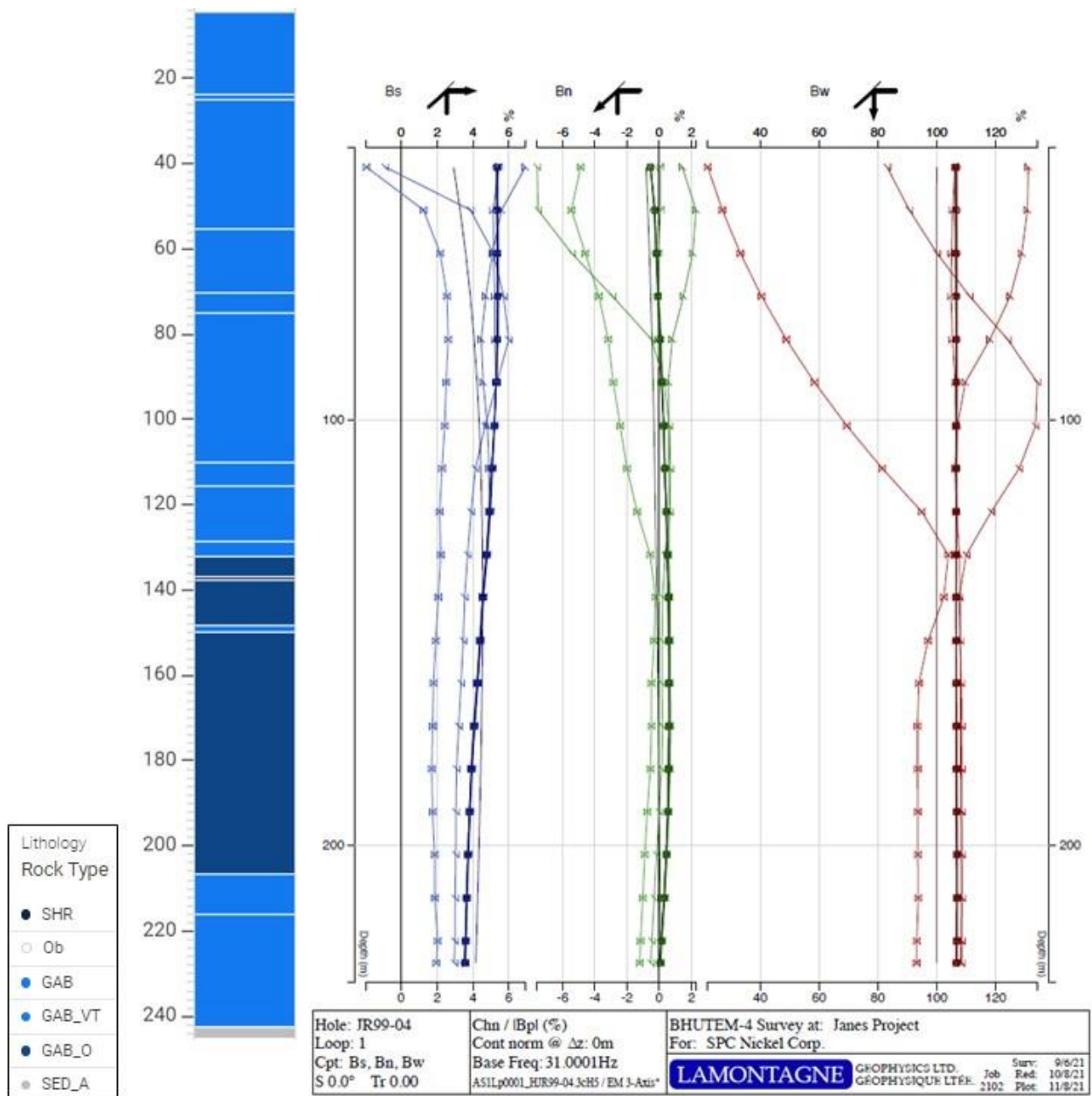


Figure 6. BHTEM profiles for loop 1 next to a lithological strip log for JR99-04

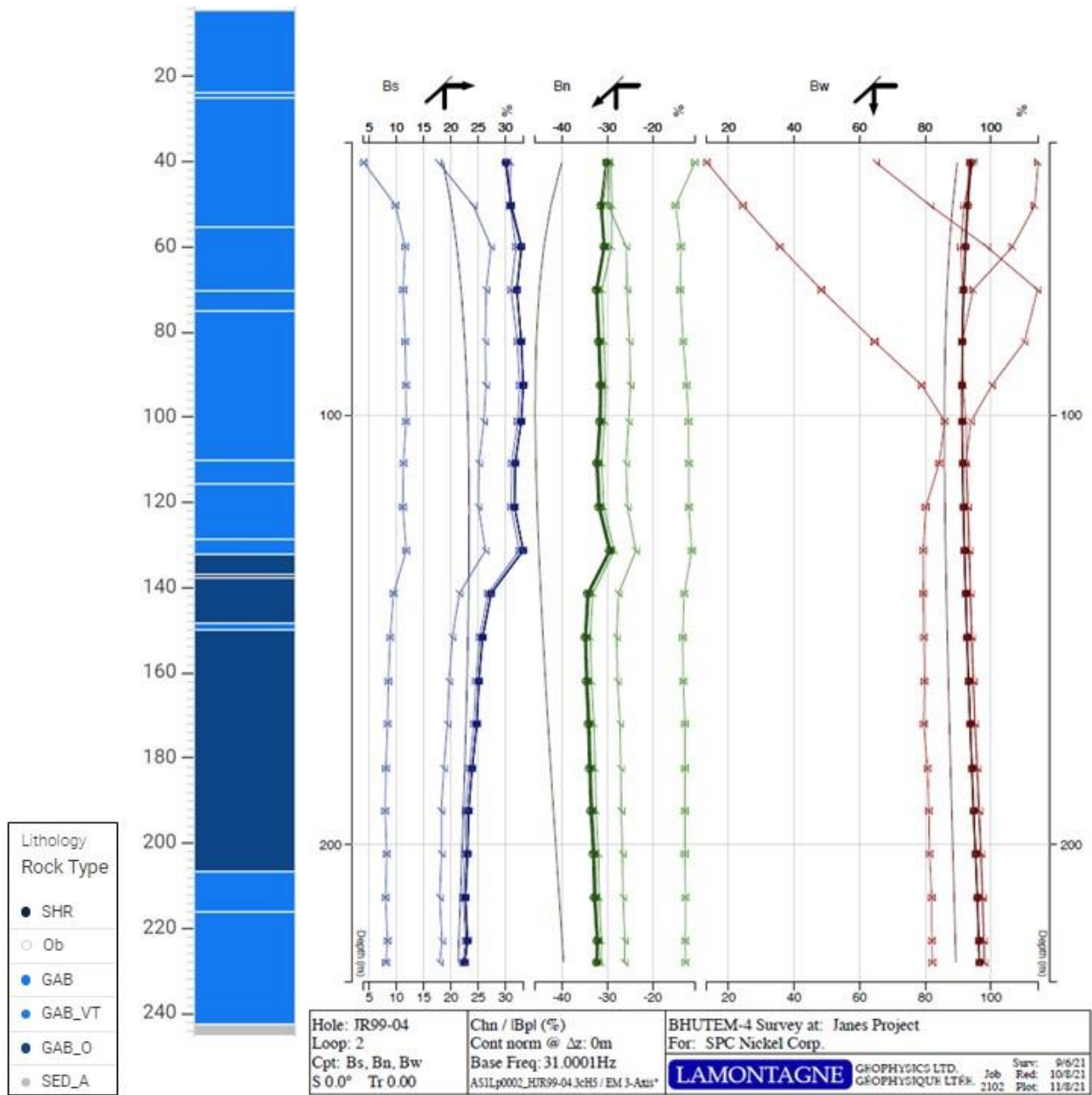


Figure 7. BHEM profiles for loop 2 next to a lithological strip log for JR99-04



## 2021 Biogeochemical Sampling

### Summary

Black spruce (*Picea mariana*) twig sampling was conducted on the Janes Property from June 22 to June 28, 2021 (4 days total). A total of 68 black spruce twig samples were collected from 2 sample lines 200 m apart with 30 m spacing between samples. A total of approximately 2.4 km were traversed during the survey. The sample lines were planned to start in background, cross over known Ni-Cu-PGE mineralization, and extend over an IP anomaly which was deemed an area of interest. A daily log summarizing the biogeochemical sampling can be found in Appendix 6. Sample coordinates and descriptions can be found in Appendix 7.

### Objectives

The black spruce twig sampling survey on the Janes Property was planned as an orientation survey to determine whether it is a feasible method for detecting Ni-Cu-PGE magmatic sulphide mineralization beneath up to 30 m of overburden. Two lines of sampling were planned to begin in background, cross known bodies of mineralization (Trench 1 and Trench 4; Figure 8) and extend into an area of interest identified by an IP anomaly. The sampling serves as a test case to determine whether geochemical evidence Ni-Cu-PGE mineralization can be detected using biogeochemical sampling methods. According to various peer-reviewed studies, the ideal sampling medium for platinum group elements, particularly Pd, in this geological setting is black spruce twigs (Dunn 1986; Dunn et al., 1989; Dunn, 2007). Palladium is more mobile than other PGEs in the surficial environment under most conditions and can be transported in solution with groundwater in the form of hydroxyl compounds (Dunn, 2007). Due to its mobility in the surficial environment, the biogeochemical halo for Pd around PGE mineralization will be larger than that for other PGEs such as Pt (Dunn, 2007). Coniferous trees such as black spruce lack evolved barrier mechanisms and allow the uptake of excess trace metals in solution in groundwater via their roots (Dunn, 1995). Excess trace elements are transported to the outer tissues of the tree such as the twigs, outer bark and needles, to be subsequently shed and recycled into the surficial environment.

### Sample Collection, Preparation and Analysis

Methodology for the collection of black spruce twig samples is available in Appendix 8. A QA/QC sample was inserted every 10 samples, starting after the first sample, in the following repeating sequence:

- IRM (AAV-14)
- Field duplicate
- IRM (AAV-16)
- Field duplicate

The internal reference materials (IRMs) used were acquired from Colin Dunn Consulting Inc. of North Saanich, British Columbia. The IRMs (AAV-14 and AAV-16) consist of dried and macerated black spruce twig samples from two different reference sites at the Rottenstone Lake Au-PGE deposit in Saskatchewan. There are currently no available well-defined vegetation certified reference materials (CRMs) for PGEs. The IRMs used in this survey are the best available reference material and come with “recommended values” to establish precision in analytical results (pers. comm., Colin Dunn, 2021).

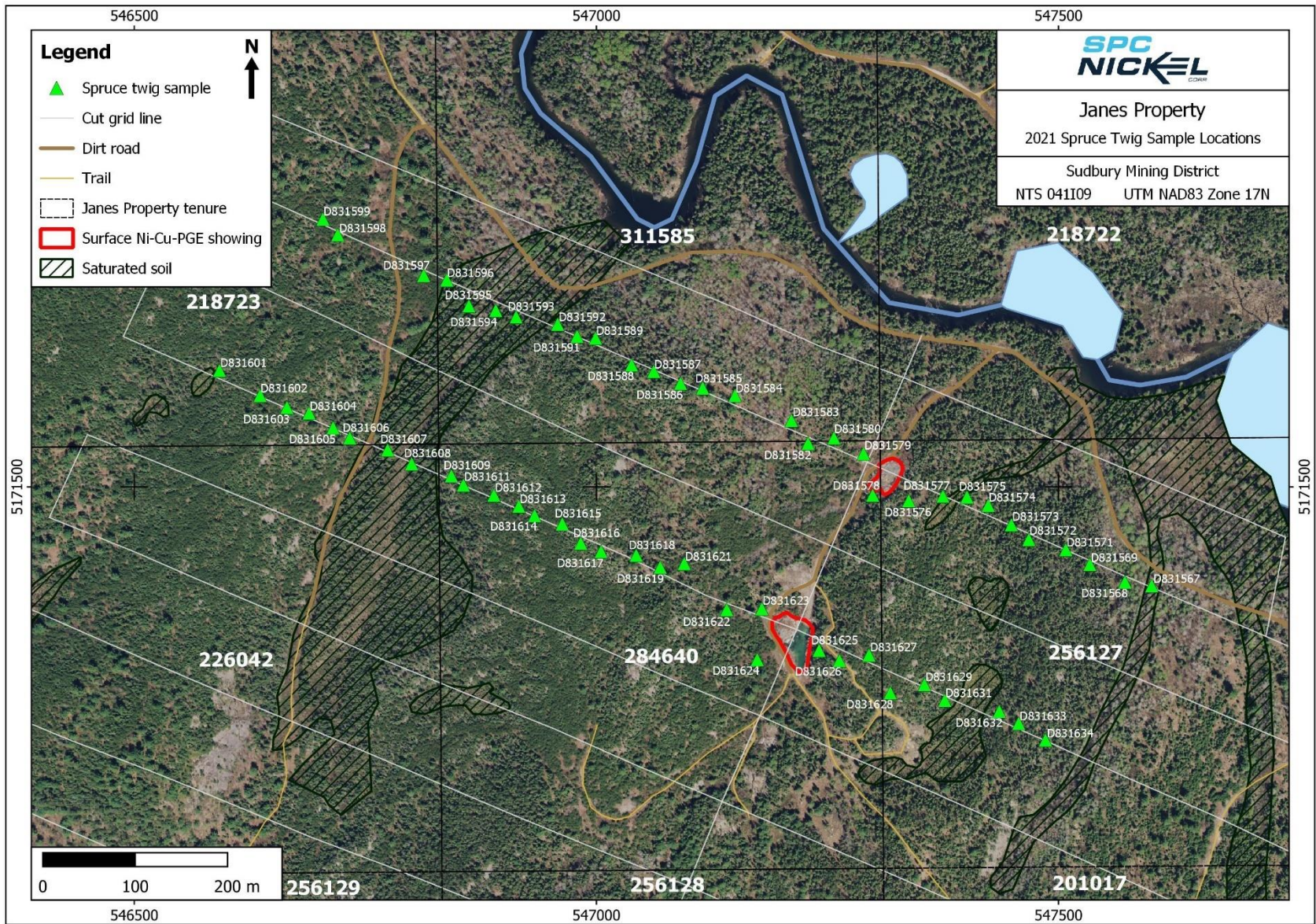


Figure 8. Location map for biogeochemical (black spruce twig) samples

Samples were submitted by SPC Nickel Corp to ALS Geochemistry commercial laboratory in North Vancouver, BC where they were ashed at 475°C for 24 hours (ALS prep code VEG-ASH01) and analyzed using aqua regia with ICP-MS finish (ALS lab code ME-VEG41a). The elements determined by ALS Geochemistry’s aqua regia digest and ICP-MS analysis (method ME-VEG41a) are: Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Pd, Pt, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, and Zr. Detection limits for these elements are listed on the certificates of analysis, available in Appendix 9.

## Results and Interpretation

Analytical results are reported in Appendix 9. Selected elements were compared to recommended values of AAV-14 and AAV-16 internal reference materials (IRMs) provided by Colin Dunn to assess precision. Mean percentage difference (MPD) for field duplicate results was used to assess natural variability. Data quality is summarized in Table 5. The majority of elements report values above 10x the detection limit as a result of preconcentration by ashing.

*Table 5. Data quality for biogeochemical sampling assay results*

All values below 10x detection limit:	Hg*
Median of values below 10x detection limit:	Ge, Pt, Ta
Median of values above 10x detection limit:	Be, Hf, In, Pd, Ti
All values above 10x detection limit:	Au, Ag, Al, As, B, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Te, Th, Tl, U, V, W, Y, Zn, Zr

*\*Hg volatilizes during the ashing process.*

Mean percentage difference of field duplicate sample pairs (Appendix 10) requires a ≤30% MPD to be considered “acceptable”. If an MPD is >30%, this could indicate a significant degree of natural variation. Original samples and their corresponding duplicates were sampled from the same tree. Efforts were made to sample from the same height and around the entire circumference of the tree. Two of the three field duplicate sample pairs show considerable variation (MPD of 80% and 100%) for the element palladium. This suggests a potential natural variability of Pd concentrations in twigs of black spruce trees or perhaps some introduced variability in the analytical process. One of the two internal laboratory duplicates reported by ALS (Appendix 9) also showed an MPD of >30% (MPD of 55.56%) for palladium.

The circumferences of black spruce trees sampled range from 23 to 78 cm (median: 43 cm). There are no meaningful relationships between trunk circumference and concentrations for any of the elements analyzed. In sampled trees recorded as “good health” there is generally a higher concentration of the following elements: Al, B, Ba, Be, Bi, Ca, Ce, Cr, Cu, Fe, Ga, Ge, Li, Mg, Mo, Na, Nb, Ni, P, S, Sb, Te, Th, Ti, V, W and Zn. In sampled trees recorded as “moderate health” there is generally a higher concentration of Ag. Ag can be concentrated to toxic levels in plants growing in Ag-contaminated or Ag-mineralized areas (Kabata-Pendias, 2001). Interactions of Ag with some cations (e.g. K, Co, Cu) may result in the inhibition of their uptake by plants. The inhibition of the uptake of essential elements can result in decreased health of the tree. In the sampled trees marked “moderate health”, there is a generally negative relationship between Ag and Co, and between Ag and Cu. Sampled trees recorded with “good health” have higher relative abundances of essential macronutrients (Ca, K, Mg, P, and S; N not analyzed) and micronutrients (B, Cu, Fe, Mn, Mo, and Zn; Cl not analyzed).

Elements related to the mineralization at Janes indicate no real discernable response over or around areas of known outcropping Ni-Cu-PGE mineralization in the black spruce twigs sampled. Single spike values in Au and Ag are common in analytical data and are to be treated with caution. It is recommended that samples which display single spike values be re-analyzed at the laboratory if sufficient material is left over. If these values are repeatable, they can be considered as anomalous values and should be carefully interpreted in the context of the sampled plant's environment. No re-analysis has been conducted for this program.

There is a vague potential halo of anomalous Pd values around the outcropping mineralization, based on visual estimations of population breaks from probability plots (Figure 9) and histograms. Under most conditions, Pd is more mobile than other PGEs, behaving similar to base metals (Dunn, 2007). Pd is mobile in surface waters as hydroxyl complexes (Kabata-Pendias, 2001). A biogeochemical halo around sulphide-hosted PGE mineralization will be larger for Pd than for Pt (Dunn, 2007). Twigs and outer bark of black spruce accumulate PGEs best (Dunn, 2007), which is why twigs were the chosen sample medium for this survey, with Pd being a main element of interest.

### Conclusions and Recommendations

Despite the potential anomalous halo around known mineralization in the Trench 4 and Trench 1 areas, the data is not robust enough to prove a reliable surficial geochemical exploration strategy for the detection of buried Ni-Cu-PGE mineralization on the rest of the Janes Property. The test lines were sampled at a 30-metre spacing, whereas a property-wide grid would employ larger spacing such as 50-m spacing and thus would decrease the density of the data and the probability of more meaningful results. No further biogeochemical sampling is recommended.

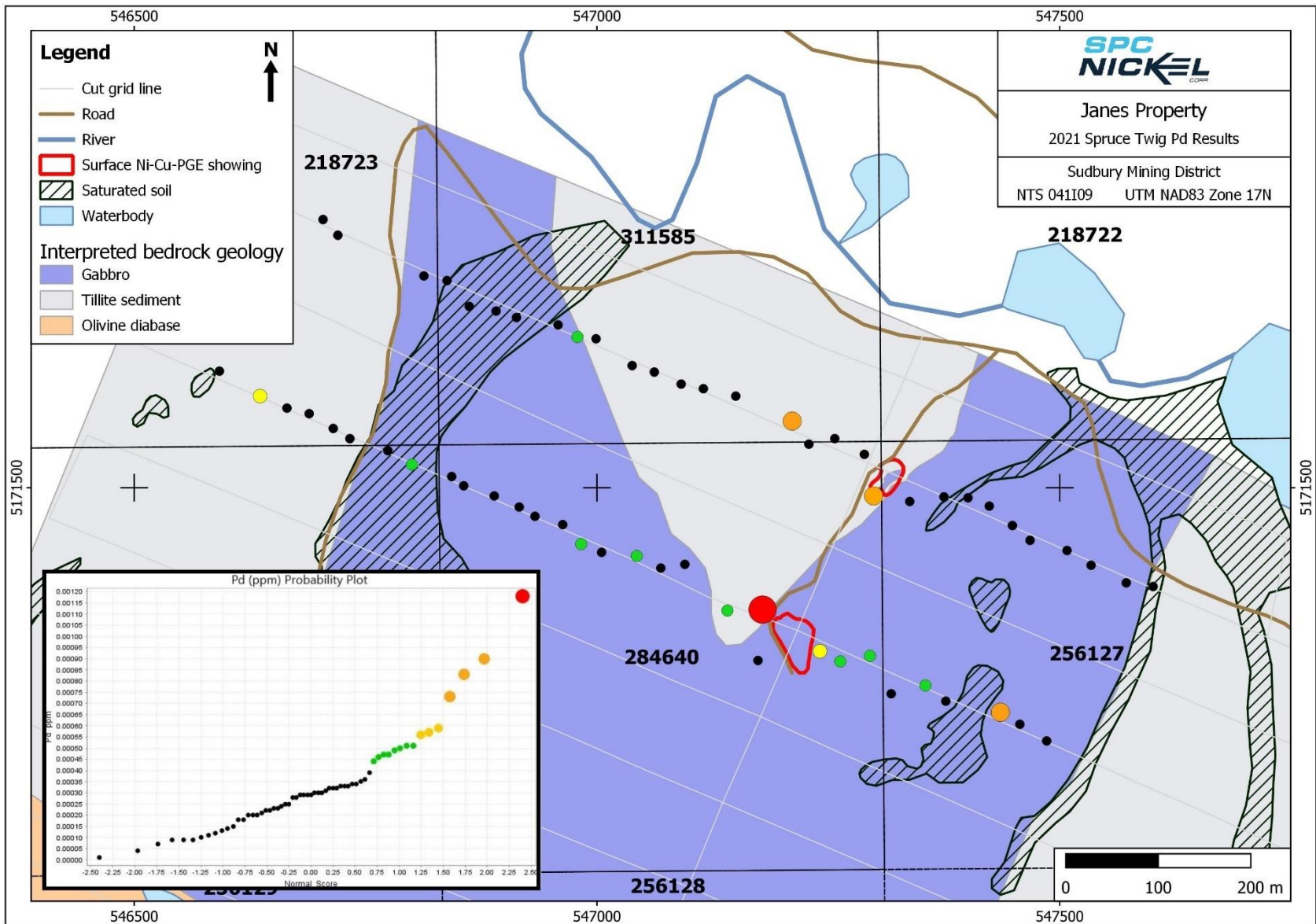


Figure 9. Pd results for biogeochemical sampling

## 2021 Bedrock Mapping and Sampling

### Summary

Bedrock mapping as well as detailed trench mapping was conducted on the Janes Property from July 1 to Sept 2, 2021 (34 days total). Mapping was focused on the 1.7 by 1.2 km grid that was cut in 2020. Additional efforts were made to follow geological contacts off the grid as well as visit other areas of known mineralization on the Janes Property. A daily log summarizing the bedrock mapping and sampling activities can be found in Appendix 7. Coordinates and descriptions of observations and sample sites can be found in Appendix 11.

### Objectives

The main objectives of the bedrock mapping were to:

- constrain the contact between the Gowganda sediment host rock and the Nipissing gabbro intrusion;
- map the different gabbro compositions within the Nipissing intrusion;
- measure any structures found such as contacts, faults and shears to better understand the geological setting and tie in the surface observations with what is observed in drill core; and
- visit the surface over IP anomalies generated in 2020 and attempt to explain these anomalies.

### Sample Collection, Preparation and Analysis

A total of 51 grab samples were submitted by SPC Nickel Corp to ALS Geochemistry commercial laboratory in North Vancouver, BC where they were prepared for analysis by crushing and pulverizing to <75 microns. Aliquots of a homogenized pulp for each sample were analyzed separately by sodium peroxide fusion and ICP-AES finish for multi-element geochemistry (method ME-ICP81), by aqua regia digest and atomic absorption spectrometry (AAS) for silver (method Ag-AA45), and by fire assay and ICP-AES finish for platinum, palladium and gold (method PGM-ICP23). The elements determined by ALS Geochemistry's sodium peroxide fusion and ICP-AES finish (method ME-ICP81) are: Al, As, Ca, Co, Cr, Cu, Fe, K, Mg, Mn, Ni, Pb, S, Si, Ti, and Zn. Detection limits for these elements are listed on the certificates of analysis, available in Appendix 12.

### Results

The contact between the Gowganda sediment host rock and the Nipissing gabbro intrusion was further constrained by the bedrock mapping efforts. A focus was put on obtaining structural measurements, specifically dip measurements, to help interpret the bedrock geology through 3D modelling. Lack of outcrop resulted in the "outer" gabbro-sediment contacts to be inferred by topography.

Different gabbro units mapped were gabbro, leucogabbro, melagabbro, vari-textured gabbro, pegmatitic gabbro, gabbro breccia, and gabbro chill margin. Mapping the hypersthene-bearing gabbro through visual identification was deemed impossible. Petrographic identification of the presence of hypersthene is required to tell the difference between the hypersthene-bearing gabbro and "regular" gabbro. In general, a chill margin is observed in the gabbro where it is in contact with the tillite sediment host rock. Occasionally there are fragments of sediment entrained in the gabbro at the gabbro-sediment contact.

The olivine diabase dike contacts were further constrained by the bedrock mapping efforts. Occasional contact alteration occurs in both the gabbro and tillite in proximity to the olivine diabase dike.

The entirety of the grid was traversed, and overburden observation points were taken to mark areas where no outcrop was observed.

Outcrops over the “Target B” 3D IP anomaly from the 2020 geophysical survey were inspected and a potential explanation for the geophysical response is the presence of sulphides within the tillite metasediments. In one location (546518 m E, 5171407 m N), 3% very fine-grained disseminated pyrrhotite was observed in the sediment matrix. No explanation was evident on surface for the “Target C” 3D IP anomalous areas aside from the presence of the olivine diabase dike.

Detailed mapping on Trench 4 helped further constrain the gabbro-sediment contacts and shear zones related to mineralization (Figure 10).

Grab sample locations and the mapped grid geology are presented in Figure 11. Additional grab sample locations from other mineralized showings on the Property are presented in Figures 12 and 13.

### **Interpretation and Conclusions**

Weak to moderate shearing is often observed at the gabbro-sediment contact and is interpreted to be caused by minor to moderate strain expressed during the emplacement of the Nipissing gabbro sill. In select locations, stronger, more evident shear zones occur at the gabbro-sediment contact and are interpreted to be potential larger-scale structures such as a fault.

Dip measurements of the gabbro-sediment contact, where found, reinforce the idea that the Nipissing sill in the area of the mapped grid is folded in a slight anticline.

### **Recommendations**

Future mapping efforts on the Janes Property should focus on any areas outside of the mapped grid where the gabbro-sediment contact is likely to occur. Focus should remain on observing and measuring structures wherever possible.

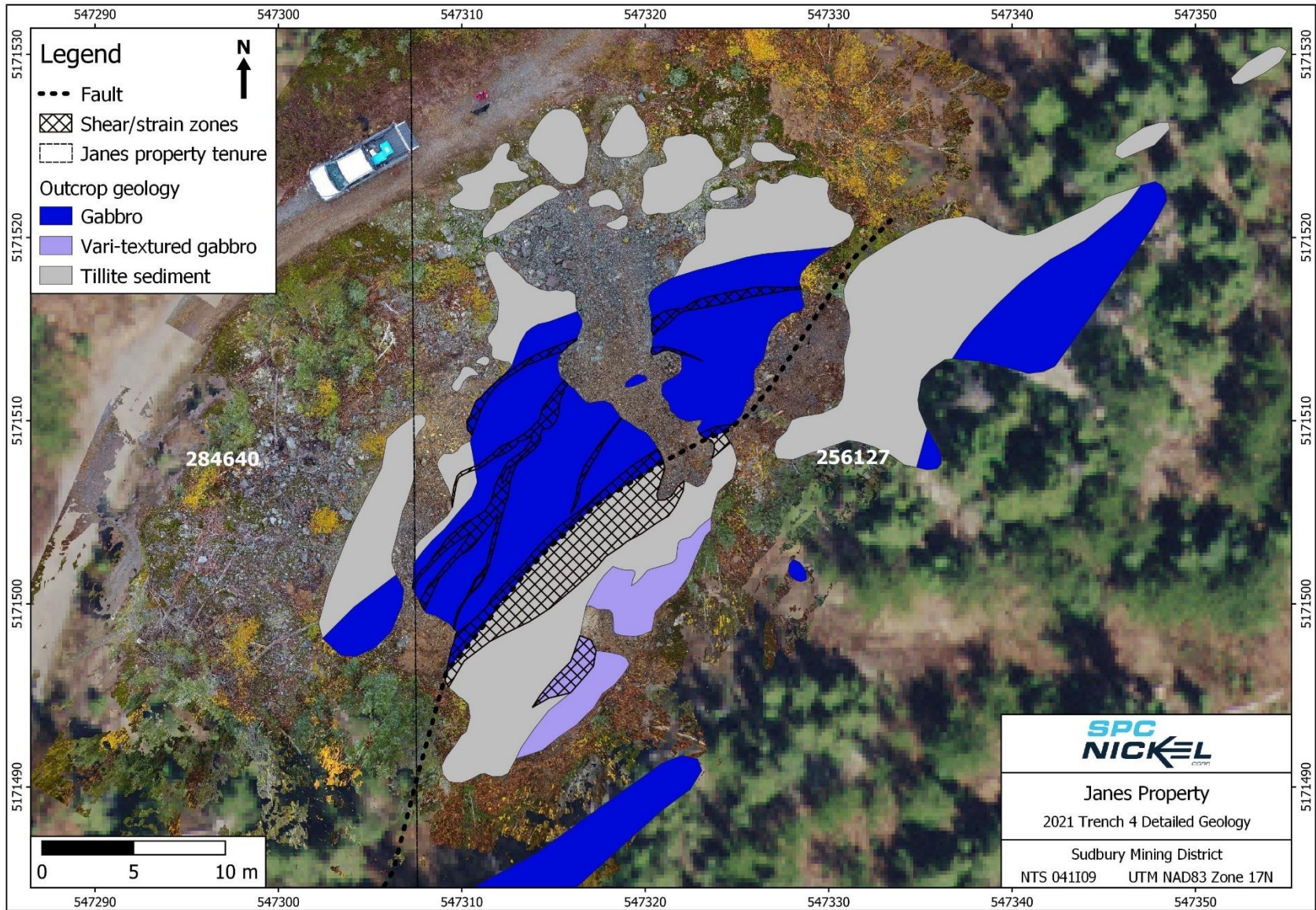


Figure 10. Results of detailed geological mapping for Trench 4 area



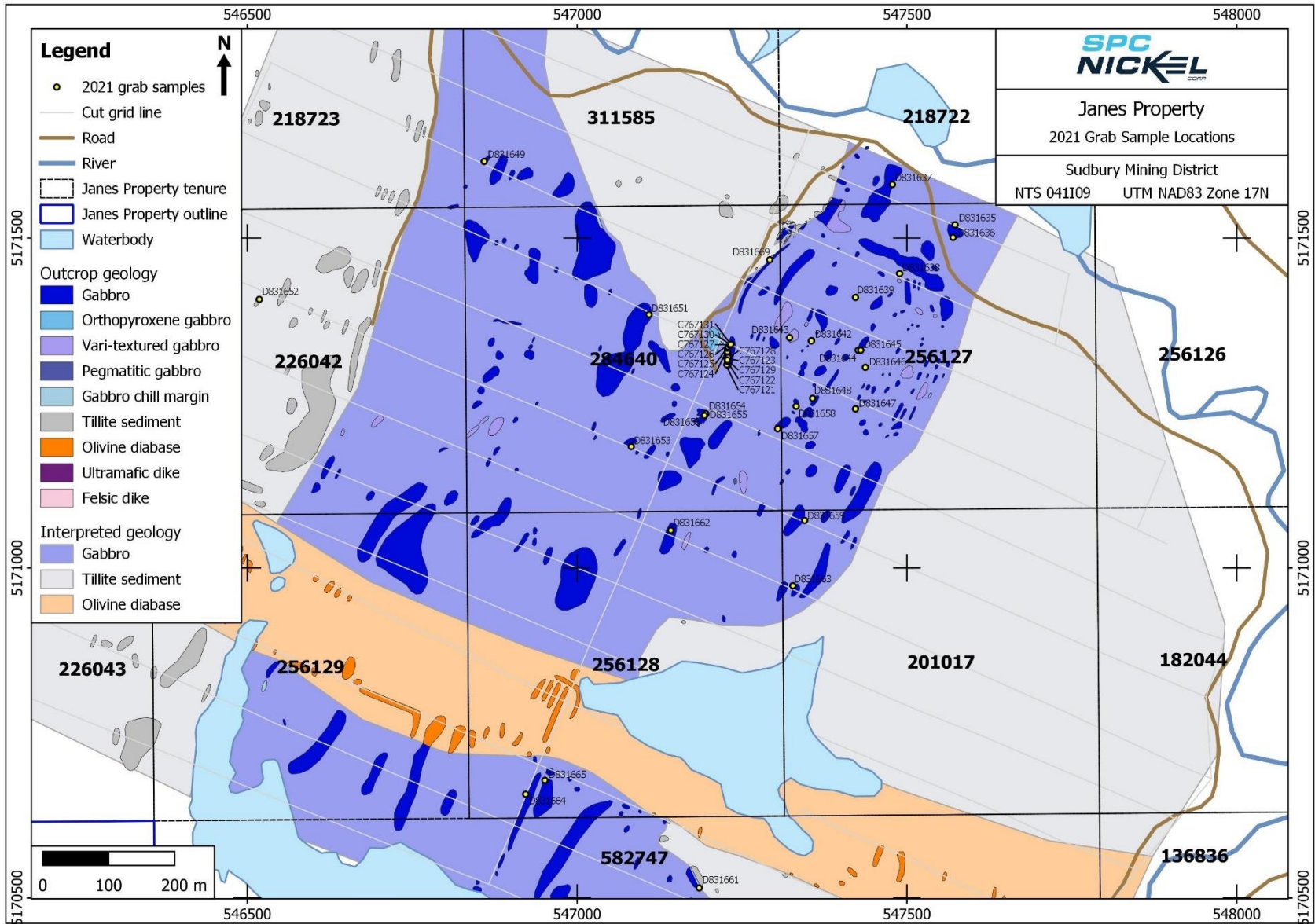


Figure 11. Map of 2021 outcrop geology, interpreted bedrock geology, and grab sample locations on main grid

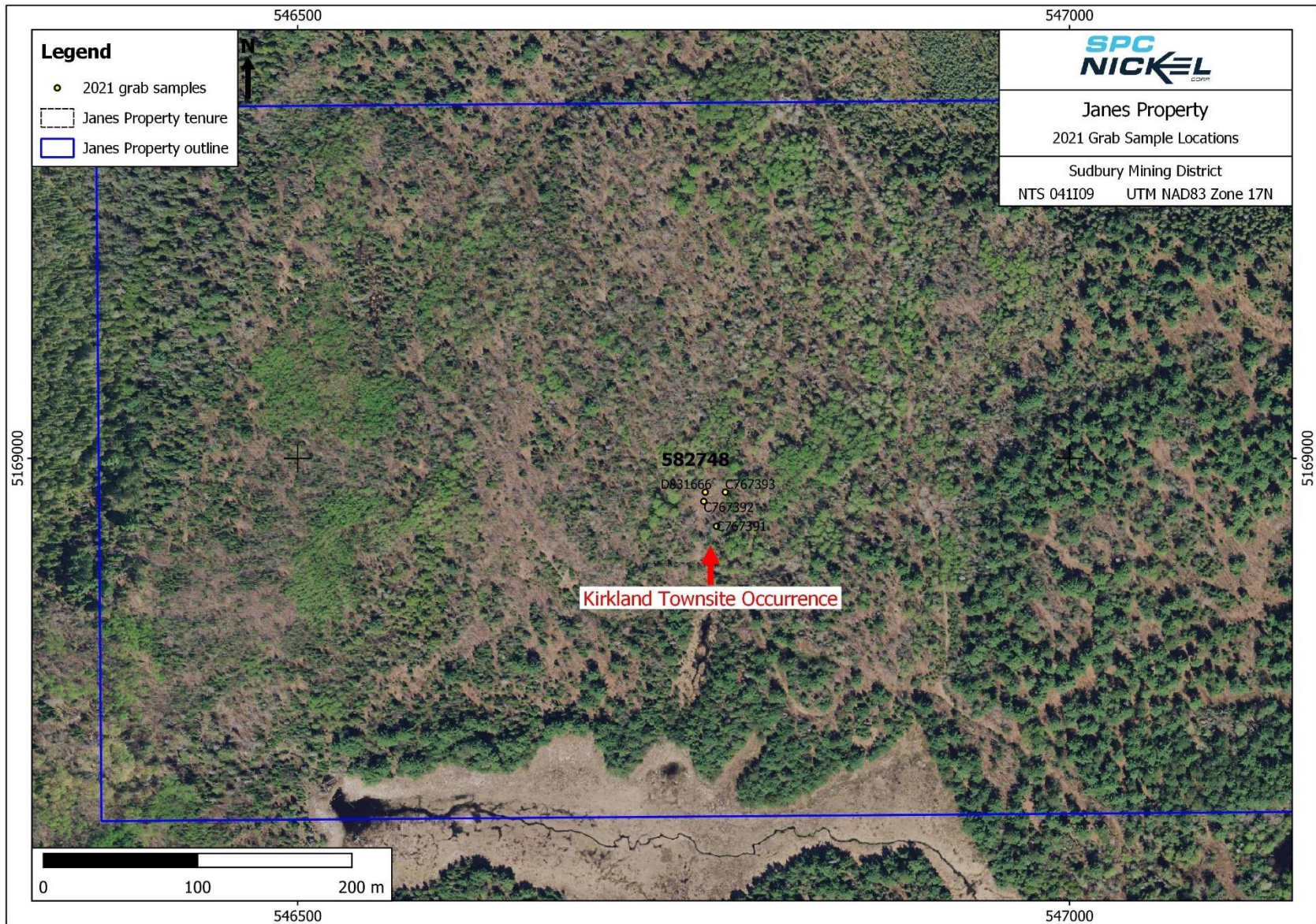


Figure 12. Location of additional 2021 grab samples at the Kirkland Townsite showing

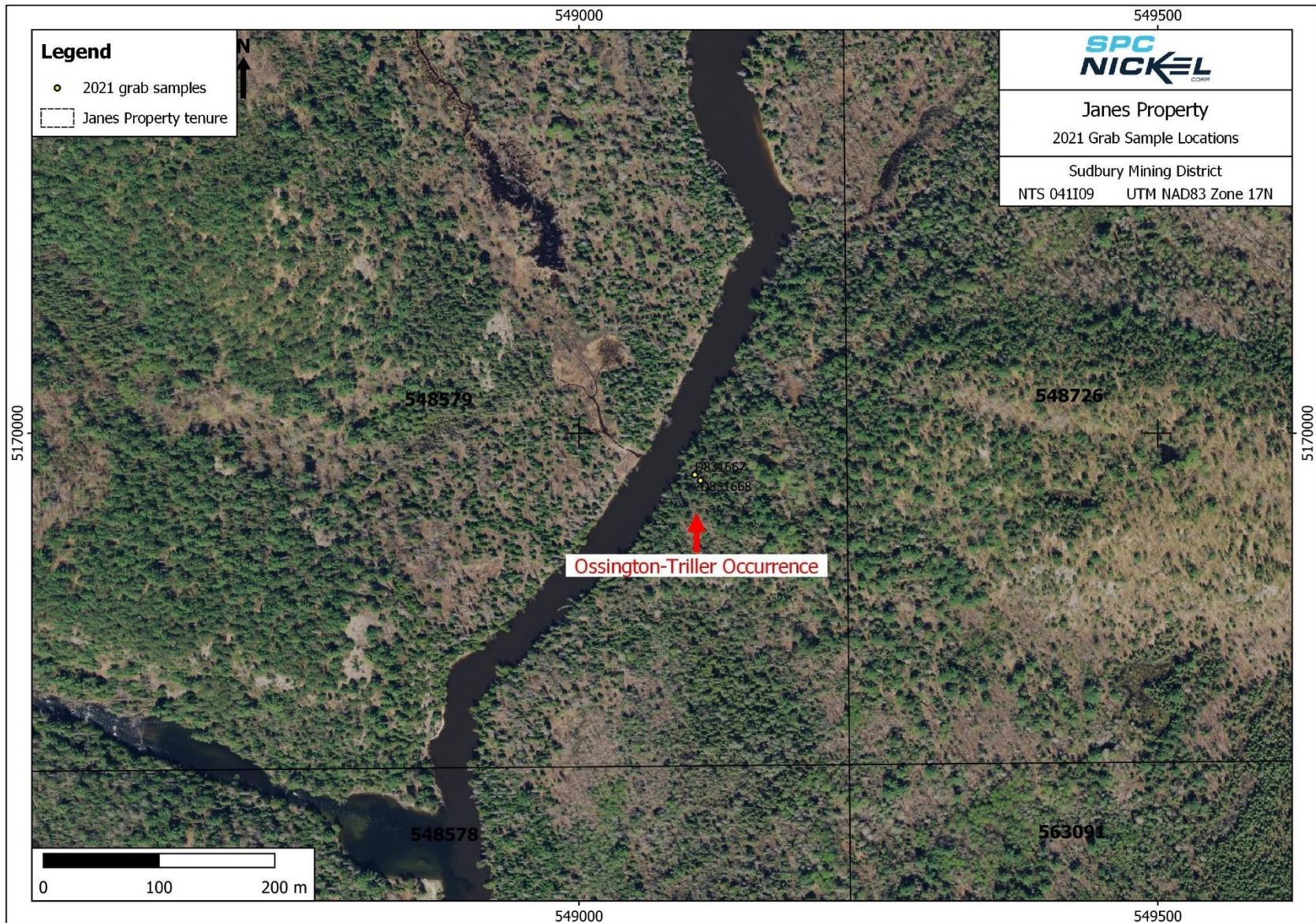


Figure 13. Location of additional 2021 grab samples at the Ossington-Triller showing

## 2021 Soil Sampling

### Summary

Upper B horizon soil sampling for two different geochemical methods was conducted on the Janes Property from October 19 to 22, 2021 (3 days total). A total of 120 soil samples (not inclusive of QA/QC) were collected from 5 sample lines 100 m apart with 50 m spacing between sample sites. At each site, 2 samples were collected; one for the Mobile Metal Ions (MMI) method offered by SGS Canada Inc. (SGS) and another for the Spatiotemporal Geochemical Hydrocarbons (SGH) method offered by Activation Laboratories (ActLabs). A total of approximately 3.2 km were traversed during the survey. The sample lines were planned to start in background and cross over three known areas of Ni-Cu-PGE mineralization (Figures 14 and 15). A daily log summarizing the soil sampling can be found in Appendix 7. Sample coordinates and descriptions can be found in Appendix 13.

### Objectives

The upper B horizon soil sampling survey on the Janes Property was planned as an orientation survey to determine whether it is a feasible method for detecting Ni-Cu-PGE magmatic sulphide mineralization beneath up to 30 m of transported overburden. Five lines of sampling were planned to begin in background and cross known bodies of mineralization (Trenches 1 and 4, and the Trench 7 and 11 area; Figures 14 and 15). The sampling serves as a test case to determine whether surficial geochemical evidence of Ni-Cu-PGE mineralization can be detected using soil sampling methods. The two analysis methods selected for the soil samples are the MMI method offered by SGS and the SGH method offered by ActLabs.

According to the SGS *MMI at a Glance* brochure: “The MMI™ technology is an innovative geochemical process that uses a very different approach to the analysis of metals in soils, using extremely weak solutions of organic and inorganic compounds rather than the conventional aggressive acid digest solutions commonly used in geochemistry. Conventional techniques digest soil substrates releasing metals that are chemically bound either to each other or within mineral grains. In contrast to this, MMI™ extractants, containing strong ligands, are used to detach and hold in solution metal ions which are loosely bound to the soil particles by weak atomic forces. The metal ions held in solution are therefore the chemically active or “mobile” component. These mobile forms occur in very low concentrations that are readily measurable by modern ICP-MS analytical instrumentation with very low detection limits and high precision.” The MMI-MP “precious metals” package, recommended for boreal environments, was specifically selected to focus on a small group of precious and base metals, allowing the reduction of inter-element interferences and increasing measuring times thereby providing very low detection levels.

According to the ActLabs SGH brochure, the SGH method measures 162 organic compounds in the C<sub>5</sub> to C<sub>17</sub> carbon series range at parts-per-trillion concentrations. The operating idea is that SGH hydrocarbon signatures are linked directly to bacterial activity in direct contact with sulphide mineralization at depth. The SGH method “samples the continuous and rapid hydrocarbon flux emanating from bacterial activity on the mineral target at depth”. It is a “weak leach of near-surface samples which are used as collectors of hydrocarbon flow”. The zonation of hydrocarbon signatures in the surficial environment are interpreted and anomalous signatures may vector to the vertical projection of bedrock mineralization at

depth. SGH has had little success for detection of PGE mineralization (pers. comm., Jeff Brown, October 2021), so signatures related to Ni and Cu sulphide mineralization are the targets for this survey.

### **Sample Collection, Preparation and Analysis**

Methodology for the collection of upper B horizon soil samples for both MMI and SGH analysis is detailed in Appendix 14. A field duplicate for each method was taken every 10 samples to have the recommended 10% of the survey's samples consist of QA/QC. Field duplicates help quantify variability in the natural environment.

Samples for MMI were submitted by SPC Nickel Corp to SGS Canada Inc. commercial laboratory in Burnaby, BC where oversize material was removed by hand and the samples were subsequently weighed prior to extraction. The elements determined by SGS's MMI-MP method are Ag, Au, Cd, Co, Cu, Ni, Pb, Pd, Pt, U and Zn. Detection limits for these elements are listed on the certificates of analysis, available in Appendix 15.

Samples for SGH were submitted by SPC Nickel Corp to ActLabs commercial laboratory in Ancaster, ON where they were dried at 40°C in an environmentally controlled drying room, sieved using an 80-mesh sieve, weighed, and processed using a proprietary weak leach method followed by a High Resolution Gas Chromatograph / Mass Spectrometer (HRGC/MS) finish. The names of the hydrocarbon compounds analyzed in the SGH method are not provided by ActLabs.

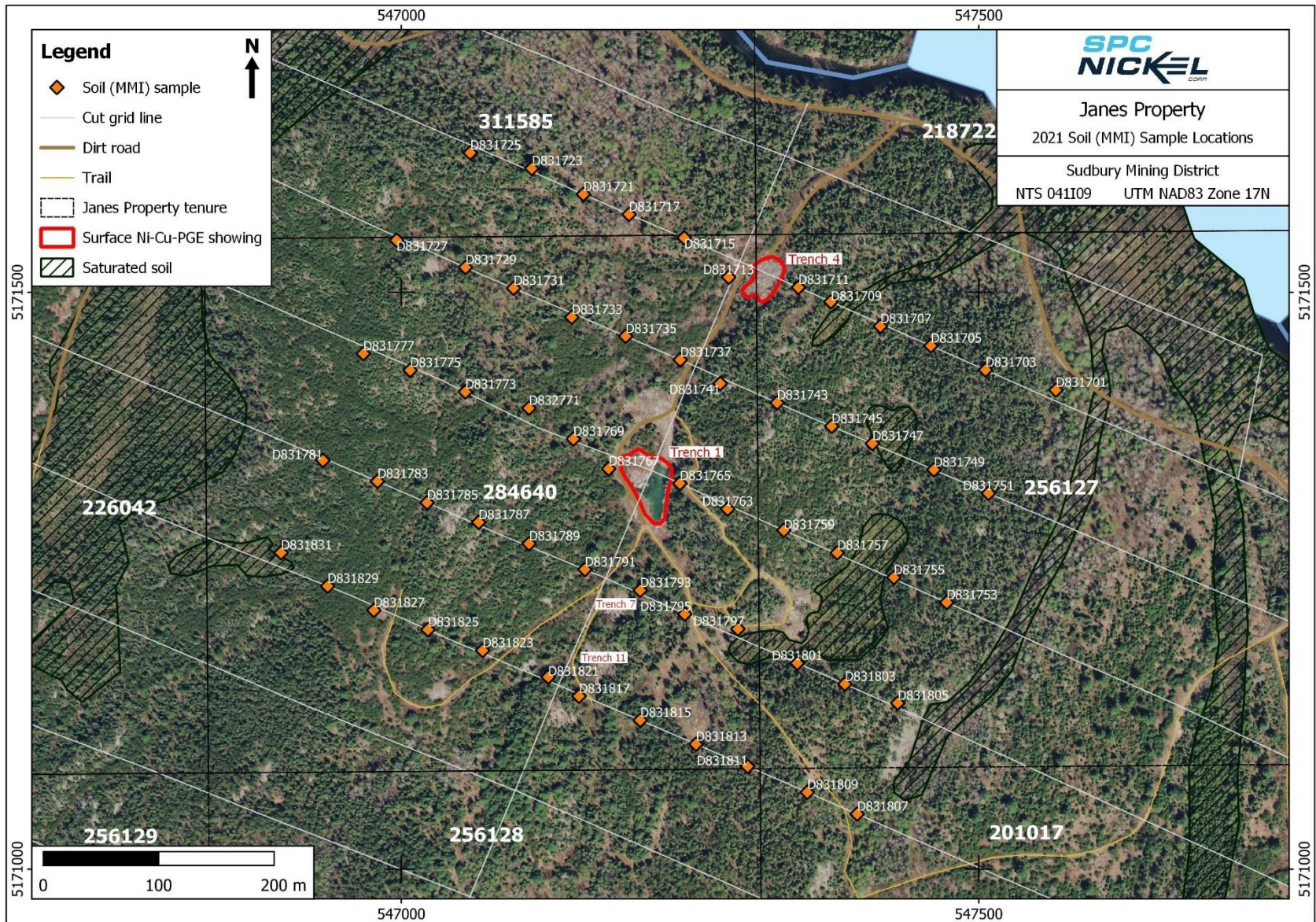


Figure 14. Location of soil samples for MMI analysis

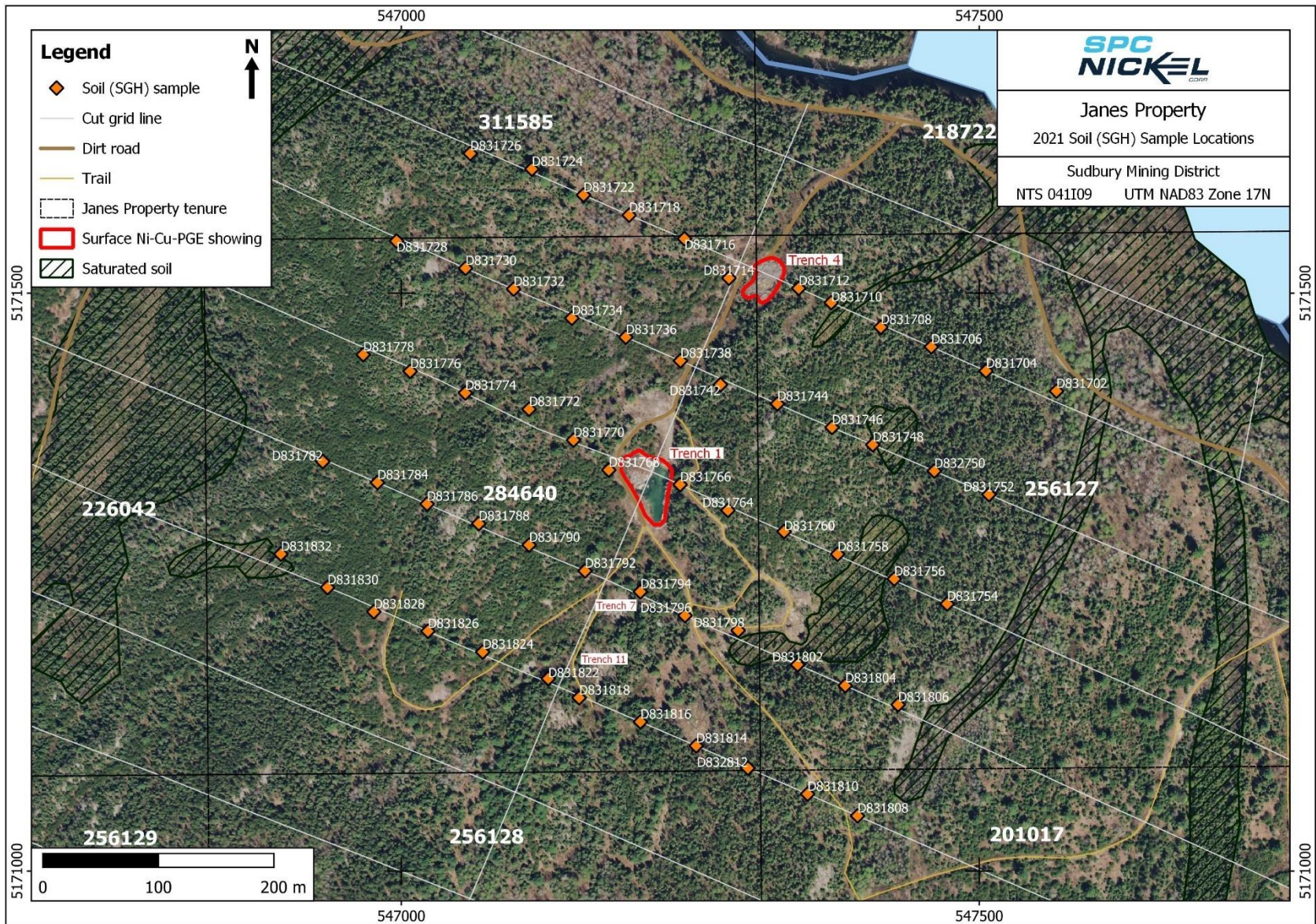


Figure 15. Location of soil samples for SGH analysis

## SGH Results

In the opinion of the author of the SGH interpretation report, Jeff Brown of ActLabs, the SGH “appeared to perform very well in terms of response”. Mr. Brown stated that the number of samples submitted (60 samples) falls just above the recommended minimum number of samples (50 samples) to use SGH as an exploration tool, however the grid shape of the survey was beneficial in identifying the possible presence of mineralization in what appears to be a redox zone.

Mr. Brown used “SGH Pathfinder Classes” to look for a response to the presence of nickel and copper. The results presented in Figures 16, 17 and 18 show the response to redox conditions, nickel, and copper, respectively. The maps represent the simple summation of several individual hydrocarbon compound concentrations that are grouped from within the same organic chemical class. The nickel and copper template of SGH Pathfinder Classes uses primarily low and medium molecular weight classes of hydrocarbon compounds. The maps show a “partial segmented nested-halo” anomaly for the presence of a redox cell, as well as for a response to nickel and copper in the general location of Trenches 1, 7 and 11. Mr. Brown rated the anomalies with a confidence rating of 5.0 out of 6.0.

The SGH report and results provided by ActLabs are available in Appendix 16.

## MMI Results

The MMI “precious metals package” analysis reports the elements Ag, Au, Pt, Pd, Cd, Co, Cu, Ni, Pb, U, and Zn. Informal interpretation completed by Leah Treolar of SGS focused on the results for Ni, Cu, Pd and Pt (Figures 19, 20, 21 and 22, respectively). It was reported that Ni and Pd (as well as Ag to an extent) correlate with each other. Pd values should be considered anomalous for MMI over 0.5 ppb. Cu values above 6000 ppb are considered anomalous. The Ni values are anomalous in the general area surrounding Trenches 1 and 4. The only anomalous Pd value (0.6 ppb) coincided with an anomalous Ni value (2780 ppb) just east of Trench 1. Anomalous copper values had no spatial correlation with known mineralization.

MMI results are available in Appendix 15.

## Interpretation and Conclusions

When layering the Ni results for MMI with the Ni results for SGH, the anomalous Ni values detected by the MMI weak extraction fall in the low halo for SGH Ni indicators around mineralization. There may be a combined anomaly in which mobile, lightly bound Ni has collected in a halo around the main known mineralization (reflected by MMI results) and the soil hydrocarbon signature is indicating the presence of Ni sulphide mineralization (reflected by SGH results). Both the MMI and SGH anomalies are generally shifted downslope from mineralization which is not a surprise as mobile species travel downslope in solution with surface waters.

As for Cu, the same layering of anomalies is not seen between the MMI and SGH methods. A good anomaly was produced by the SGH method, however the MMI method seemed to potentially be affected by the collection of anomalous Cu values in an area of swamp. However, the same sample (MMI sample D831763, SGH sample D831764) which was anomalous for both Ni and Pd, just east of Trench 1, is also anomalous for Cu.



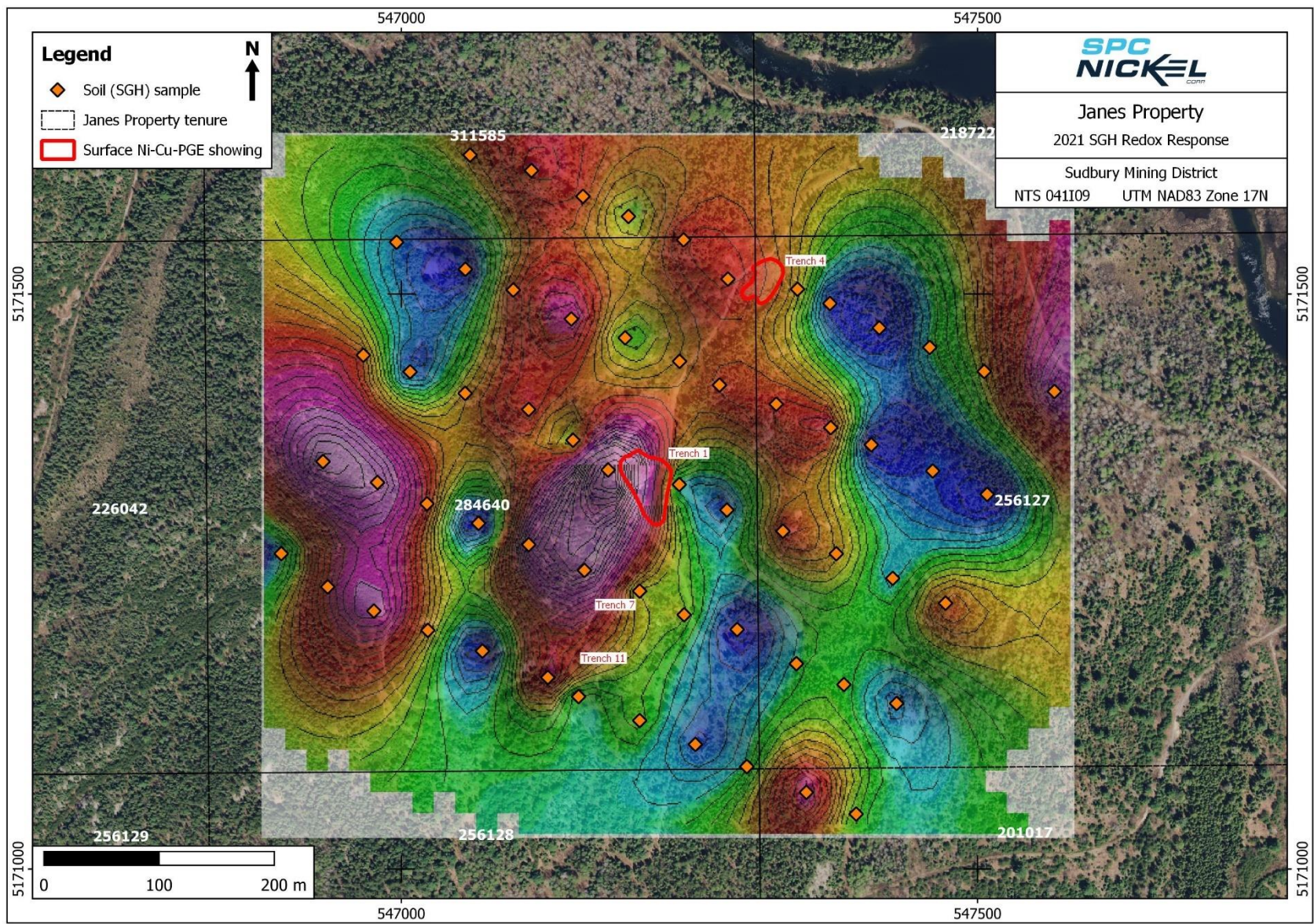


Figure 16. Redox results for soil SGH analysis with known mineralization highlighted

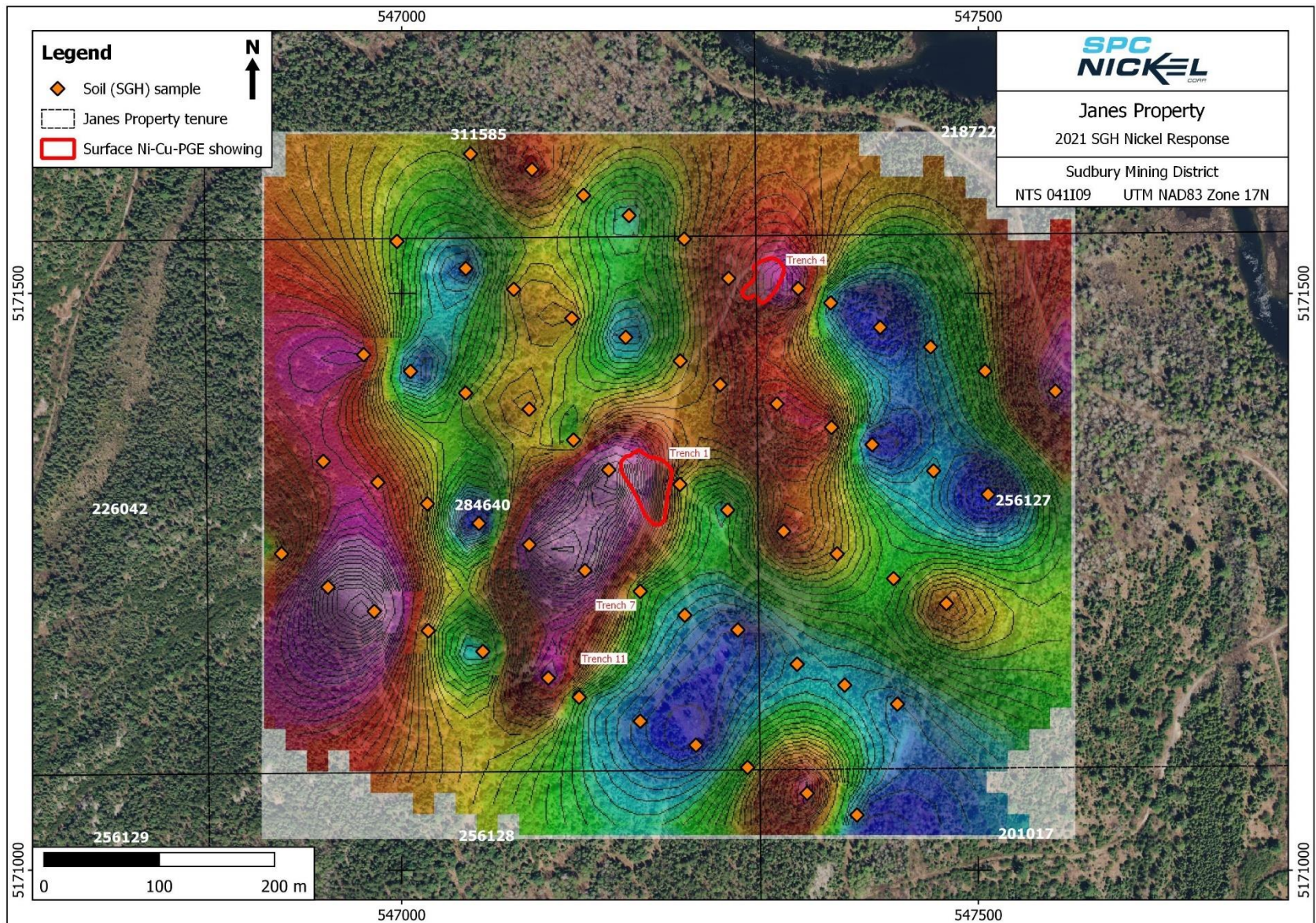


Figure 17. Ni results for soil SGH analysis with known mineralization highlighted

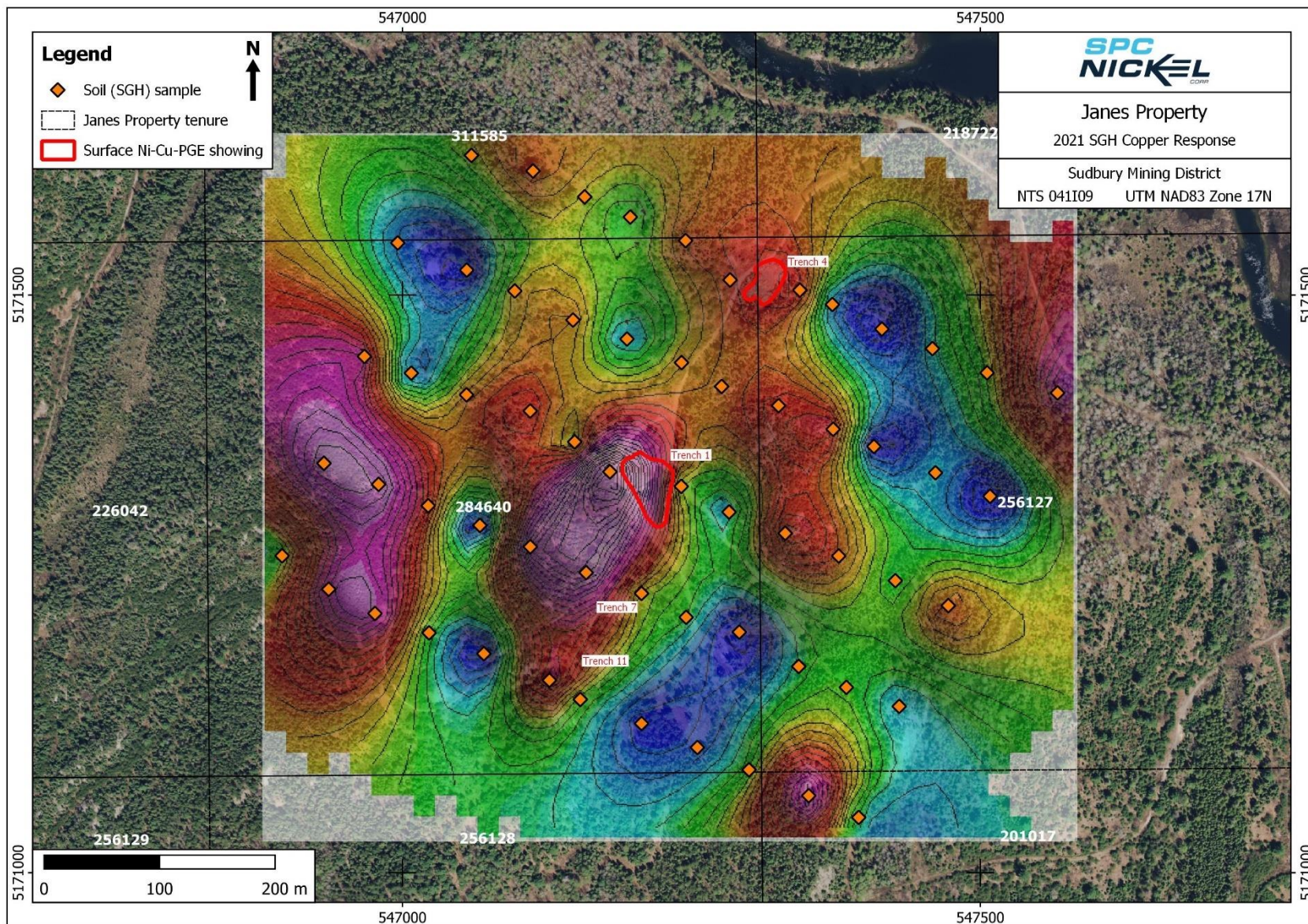


Figure 18. Cu results for soil SGH analysis with known mineralization highlighted

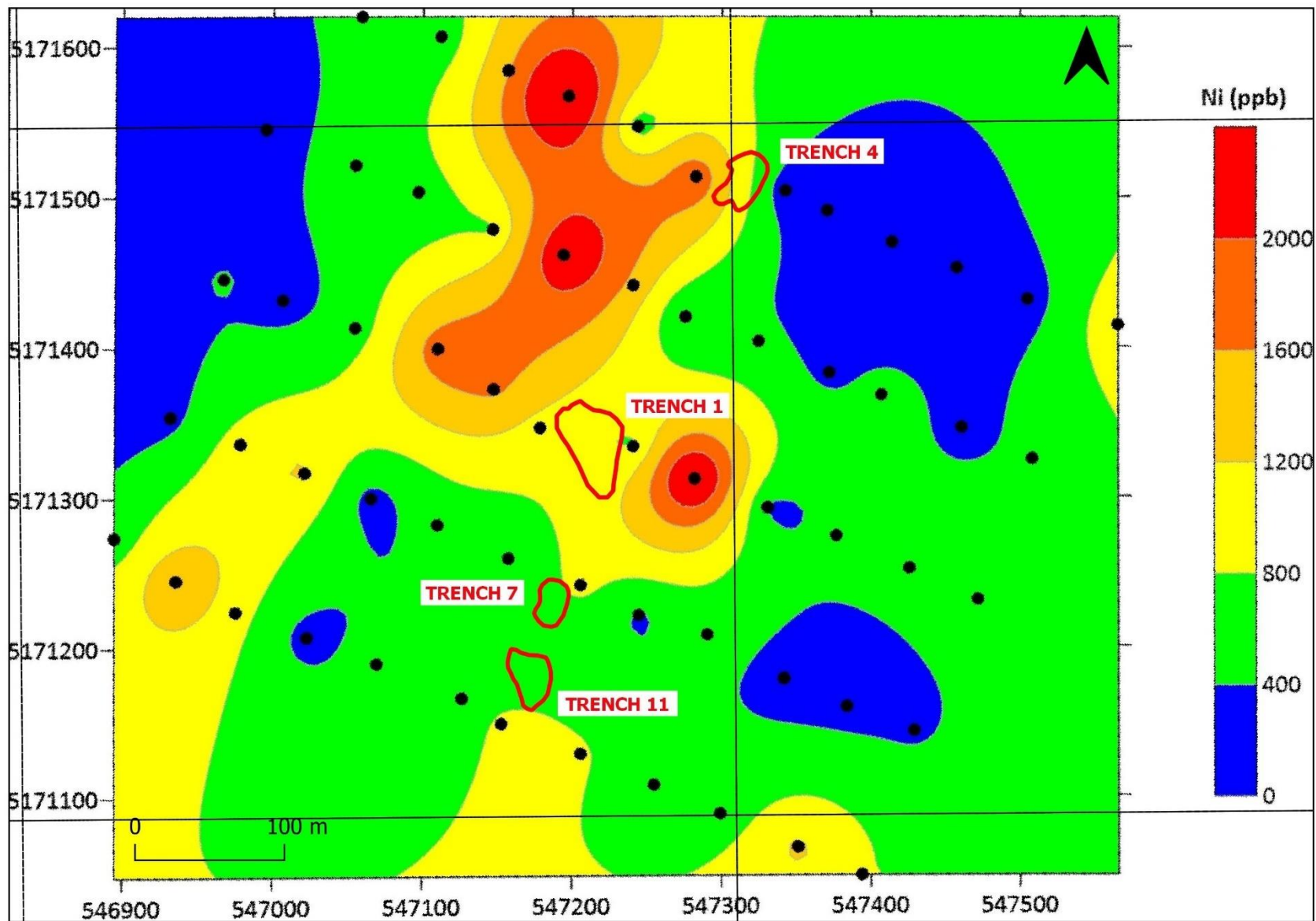


Figure 19. Ni results for soil MMI analysis with known mineralization highlighted

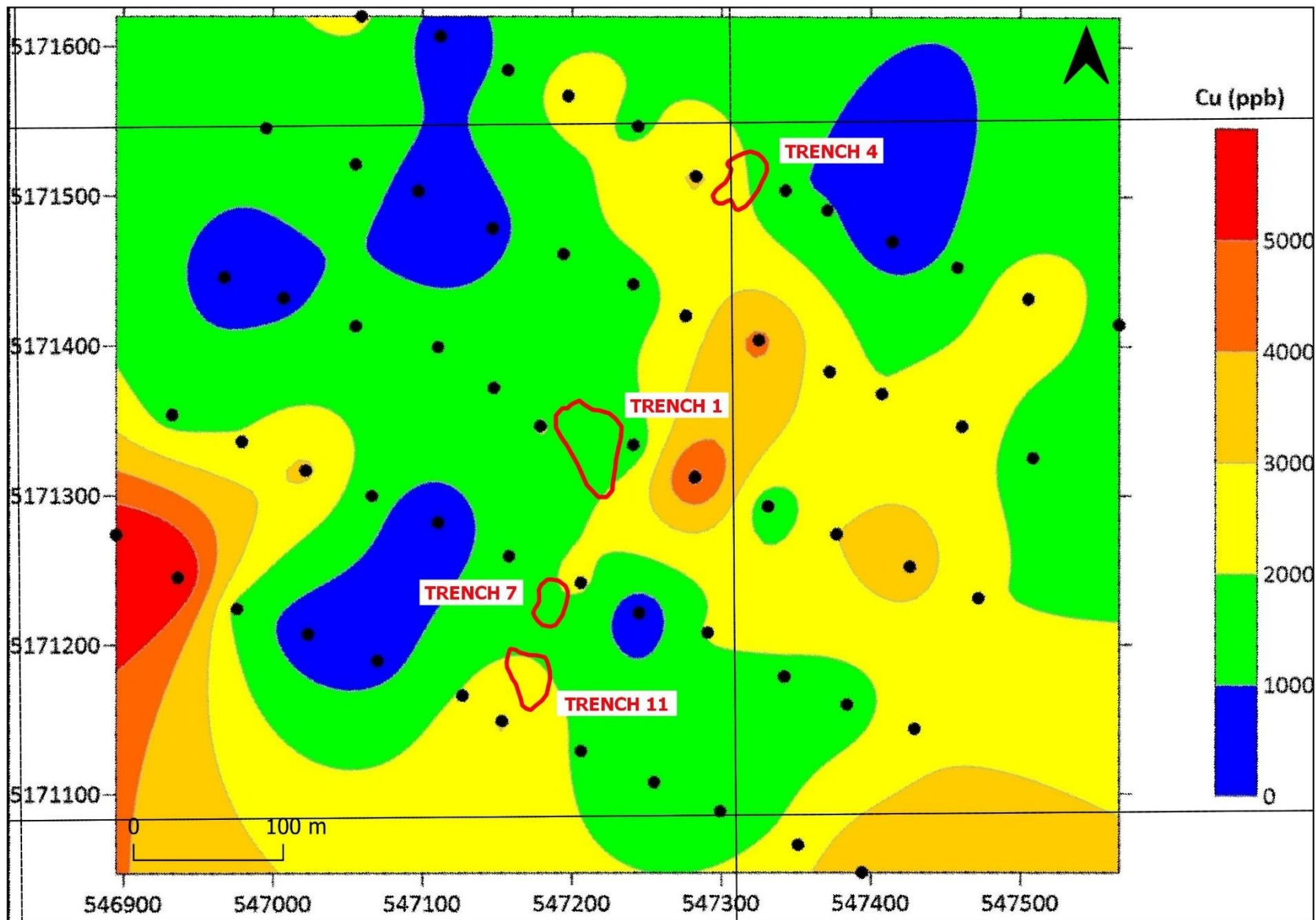


Figure 20. Cu results for soil MMI analysis with known mineralization highlighted

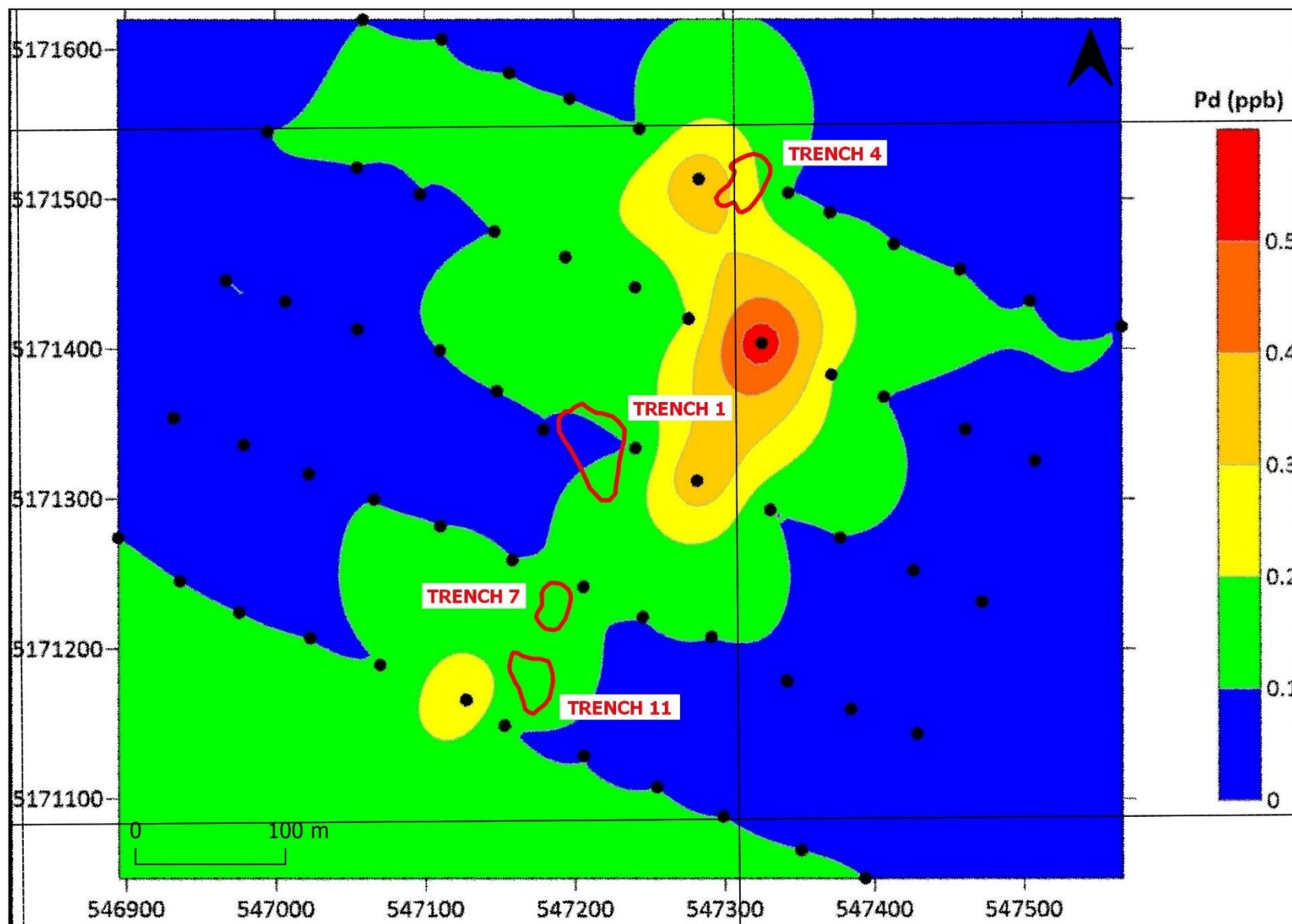


Figure 21. Pd results for soil MMI analysis with known mineralization highlighted

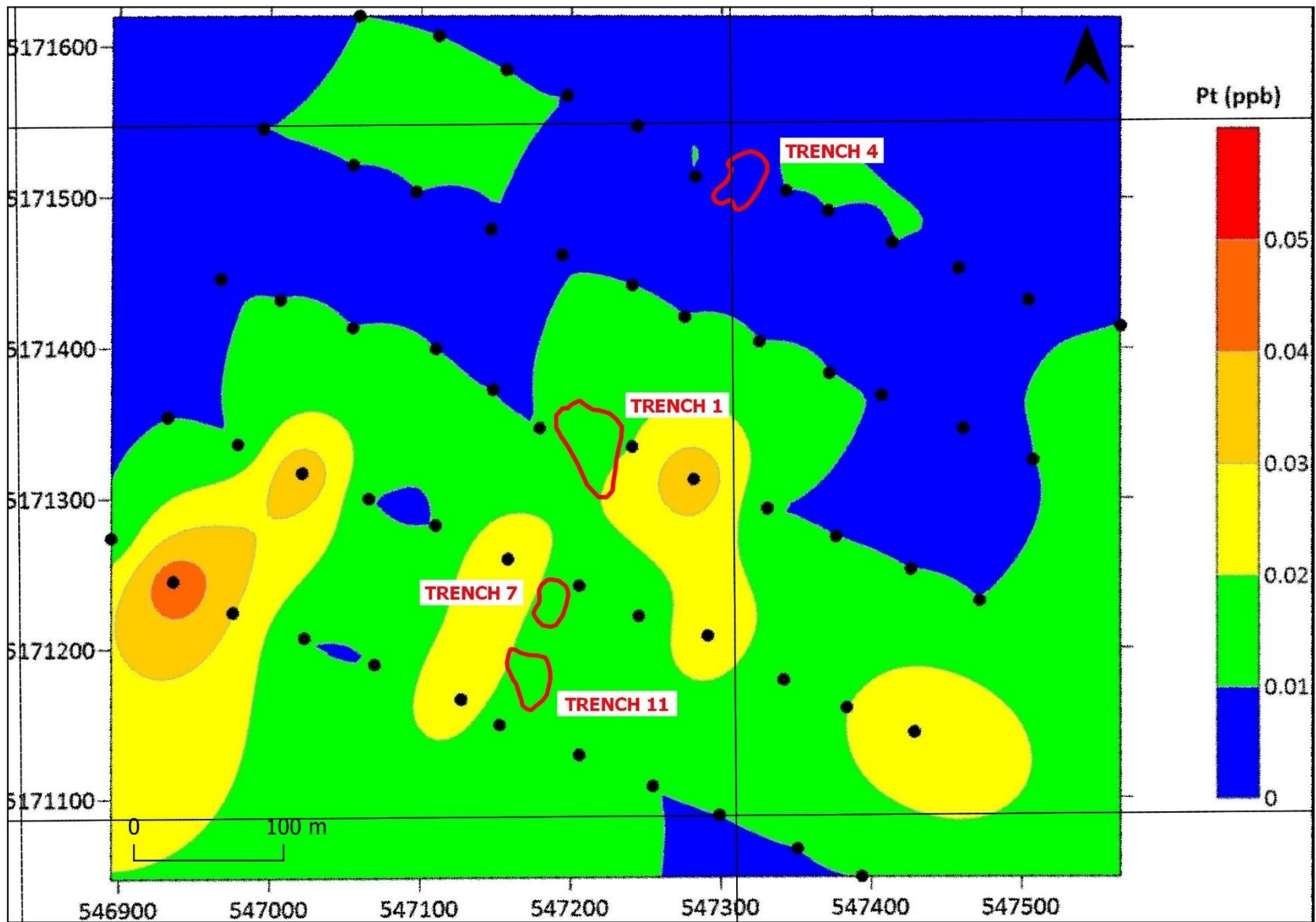


Figure 22. Pt results for soil MMI analysis with known mineralization highlighted

There is no correlation between Pd results for MMI and Ni, Cu, or redox results from SGH. The Pd results for MMI possibly form a weak halo around known mineralization, however the results are mostly considered non-anomalous (< 0.5 ppb).

In conclusion, it has been determined that between the two methods tested, the SGH method seemed to be more successful at delineating the known mineralization. While there is a potential joint Ni anomaly between the SGH and MMI results, it is not likely that doing both of the surveys together on a larger scale would be cost-effective.

### Recommendations

It is recommended that a larger-scale survey be completed using the SGH method over other parts of the property, where outcrop is scarce, to look at in conjunction with other data (e.g. IP survey results) for the identification of potential drill targets.

## Recommendations for Future Work

Based on the results of work completed on the Janes Property in 2021, the following field program for 2022 is recommended for a portion of the property south of the 2020 cut grid:

*Table 6. Recommended work for 2022*

<b>Activity</b>	<b>Duration</b>	<b>Estimated Cost</b>
Line cutting	30 days	\$33,350
IP and magnetometer survey	10 days	\$139,990
Outcrop stripping/trenching	7 days	\$29,650
Soil sampling (SGH method)	15 days	\$22,250
Grid mapping and grab sampling	60 days	\$36,000
Diamond drilling (~1000 m)	15 days	\$209,000
	<b>Total:</b>	<b>\$470,240</b>

The objective of the recommended work is to apply the current exploration toolbox tested over the 2020 grid area and apply it to another prospective area on the Janes Property to determine if there are other areas of Ni-Cu-PGE mineralization under the surface.



## References

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- Kabata-Pendias, A., 2010. Trace elements in soils and plants, fourth edition. CRC Press, 548 pages.

## STATEMENT OF QUALIFICATIONS – RACHEL CHOUINARD

I, **Rachel Chouinard**, do hereby certify that:

1. I am a Project Geologist employed by SPC Nickel Corp.
2. I graduated with a Bachelor of Science (Earth Sciences) from Brock University in 2014 and a Master of Science (Geological Sciences) from the University of British Columbia in 2018.
3. My Master of Science degree focused on surficial geochemical exploration including surficial mapping, geochemical sample survey planning and execution, and interpretation of a variety of geochemical data.
4. I have worked as a geologist both during co-op placements while completing my undergraduate degree and since my graduation from university.
5. I acquired my P.Geol. designation with the Professional Geoscientists of Ontario on May 12, 2021.
6. I completed 36 days of interpretation and report writing for the Janes Property between September 2021 and February 2022.
7. I am responsible for the preparation of this report.

**Dated this February 22, 2022.**



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Rachel Chouinard



Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-001**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547205.639	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171347.854	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	252.228	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	28/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	51 m	<b>End date:</b>	29/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	1.5	CAS	Overburden to 1 m; casing to 1.5 m.
1.5	10.5	GAB_O	<p>Medium-grained dark grey gabbro likely "hypersthene gabbro"; massive with 15-20% felsic content; no alteration; rust on some fractures; 5-8% disseminated po-cpy at top of interval, lessens to 1% at bottom; local po-cpy veinlets +/- calcite +/- chlorite; weakly magnetic; lower contact gradual with increase in felsic minerals and decrease in sulphides.</p> <p><b>Mineralization</b>                      1-6: pyrrhotite-chalcopyrite; disseminated; 8%                      6-9.2: pyrrhotite-chalcopyrite; disseminated; 3%                      9.2-10.3: pyrrhotite-chalcopyrite; disseminated; 1%                      10.3-10.5: pyrrhotite-chalcopyrite; disseminated; 0.5%</p>
10.5	33.43	GAB	<p>Medium-grained medium grey massive equigranular gabbro; 30-40% felsic minerals; local calcite veinlets +/- quartz; hematite on fractures below 28.4 m; strain and brecciation from 33-33.43 m in contact with FZ; nonmagnetic; no visible sulphides.</p> <p><b>Alteration</b>                      28.5-33.43: Hematite; fracture-filling; weak</p> <p><b>Mineralization</b>                      10.5-10.65: pyrrhotite-chalcopyrite; disseminated; 0.5%                      10.65-10.9: pyrrhotite-chalcopyrite; veinlet; 1%                      10.9-12: pyrrhotite-chalcopyrite; disseminated; 0.1%</p>

Appendix 2. Drill logs

			<p><b>Structure</b>  10.65-10.66: fault; 70° tca; calcite veinlet offsetting QCV  10.65-10.9: vein; 25° tca; 1 cm QCV with po-cpy  28.35-28.38: vein; 45° tca; 3 cm QCV  33.28-33.43: foliation; 45° tca</p>
33.43	33.85	FAULT	<p>Fault breccia and gouge at 45° tca; fine-grained material with grey QV fragments and minor calcite fracture fill; moderate hematite alteration; no visible sulphides.</p> <p><b>Alteration</b>  33.43-33.83: Hematite; pervasive; moderate</p> <p><b>Structure</b>  33.43-33.57: fault; 45° tca; fault breccia  33.57-33.63: gouge; 45° tca; fault gouge  33.63-33.83: fault; 45° tca; fault breccia</p>
33.85	40.1	GAB	<p>Medium-grained medium grey massive equigranular gabbro; 30-40% felsic content; decrease in grain size towards end of interval; no alteration; nonmagnetic; no visible sulphides.</p> <p><b>Mineralization</b>  35.9-35.95: pyrrhotite; blebby; 0.1%</p>
40.1	40.75	GAB_CM	<p>Fine-grained dark grey gabbro chill margin with 5% calcite stockwork tension veinlets; nonmagnetic; no alteration; no visible sulphides; gabbro-sediment contact at 65° tca.</p>
40.75	51	SED_C	<p>Fine-grained dark grey sediment matrix with infrequent subrounded intrusive red-pink clasts; "tillite"; minor calcite veinlets; nonmagnetic; no visible sulphides.</p> <p><b>Structure</b>  40.75-40.76: contact; 65° tca; gabbro-sediment contact</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-002**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547205.639	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171347.854	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	300°	<b>Elevation:</b>	252.228	<b>Claim number:</b>	284640
<b>Dip:</b>	-45°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	29/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	27 m	<b>End date:</b>	29/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	1.85	CAS	Mineralized bedrock rubble mixed with sediment cobbles from overburden.
1.85	5.75	GAB_O	Dark grey massive medium-grained hypersthene-bearing gabbro; 10-15% felsic content; rust on fractures; no alteration; 5-8% disseminated po-cpy; local sulphide stringers/veinlets; moderately to weakly magnetic; lower contact gradual as felsics increase and sulphides decrease.  <b>Mineralization</b> 1.85-3.3: pyrrhotite-chalcopyrite; disseminated; 8% 3.3-5.75: pyrrhotite-chalcopyrite; disseminated; 5%
5.75	21.3	GAB	Medium grey medium-grained equigranular massive gabbro; 30-35% felsic content; trace po-cpy down to 10 m; nonmagnetic; no alteration.  <b>Mineralization</b> 5.75-5.9: pyrrhotite-chalcopyrite; disseminated; 1% 5.9-6.3: pyrrhotite-chalcopyrite; disseminated; 0.3% 6.3-6.4: pyrrhotite-chalcopyrite; veinlet; 0.5% 6.4-7.5: pyrrhotite-chalcopyrite; disseminated; 0.5% 7.5-8.3: pyrrhotite-chalcopyrite; disseminated; 0.3% 8.3-10: pyrrhotite-chalcopyrite; disseminated; 0.1%  <b>Structure:</b> 6.3-6.4: vein; 20° tca; 5 mm QV with po-cpy

Appendix 2. Drill logs

21.3	21.45	FAULT	<p>Rusty fractured zone with small interval of dark grey dike; likely UM dike with feldspar(?) clusters like dike from 23-24 m.</p> <p><b>Alteration</b> 21.3-21.45: hematite; patchy; weak</p> <p><b>Structure</b> 21.3-21.45: fault</p>
21.45	22.75	GAB	<p>Medium grey medium-grained equigranular massive gabbro; 30-35% felsic content; no visible sulphides; nonmagnetic; no alteration.</p>
22.75	23	FAULT	<p>Rusty fractured zone with shearing and minor gouge *no measurements - drillers knocked box over*</p> <p><b>Alteration</b> 22.75-22.3: hematite; patchy; weak</p> <p><b>Structure</b> 22.75-23: fault</p>
23	24	UMD	<p>Dark grey ultramafic dike with clusters of fine-grained feldspar?; moderate hematite staining on fractures; disseminated leucoxene; softer than gabbro; weakly talcose; nonmagnetic; no visible sulphides.</p> <p><b>Alteration</b> 23-24: hematite; fracture-filling; moderate; leucoxene; disseminated; moderate; talc; pervasive; moderate</p> <p><b>Structure</b> 23-24: foliation</p>
24	27	GAB	<p>Fine- to medium-grained massive medium grey gabbro; 30-35% felsic content; weak hematite at upper contact with dike; no visible sulphides; nonmagnetic. EOH at 27 m.</p> <p><b>Alteration</b> 24-24.45: hematite; patchy; moderate</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-003**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547205.639	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171347.854	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	260°	<b>Elevation:</b>	252.228	<b>Claim number:</b>	284640
<b>Dip:</b>	-45°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	29/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	27 m	<b>End date:</b>	29/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	1.88	CAS	
1.88	8.6	GAB_O	<p>Dark grey medium-grained massive hypersthene-bearing gabbro; rust on fractures; 5-8% disseminated po and cpy down to 6.5 m and 1-2% from 6.5-8.6 m; weakly magnetic; no alteration.</p> <p><b>Mineralization</b>                      1.88-5: pyrrhotite-chalcopryrite; disseminated; 8%                      5-6.5: pyrrhotite-chalcopryrite; disseminated; 5%                      6.5-8: pyrrhotite-chalcopryrite; disseminated; 3%                      8-8.6: pyrrhotite-chalcopryrite; disseminated; 1%</p>
8.6	22.94	GAB	<p>Medium grey medium-grained massive gabbro with 30-35% felsic content; trace disseminated po-cpy down to 9 m; no alteration; nonmagnetic.</p> <p><b>Mineralization</b>                      8.6-9: pyrrhotite-chalcopryrite; disseminated; 0.1%</p>
22.94	23.3	UMD	<p>Medium-dark grey ultramafic dike; minor strain; softer than gabbro; weakly talcose?; no visible sulphides.</p> <p><b>Alteration</b>                      22.94-23.3: talc; pervasive; weak</p> <p><b>Structure</b>                      22.94-22.95: contact; 55° tca; contact between gabbro and UMD                      22.95-23.3: foliation; 60° tca</p>



Appendix 2. Drill logs

23.3	25.13	GAB	<p>Medium grey medium-grained massive gabbro with 30-35% felsic content; no alteration; nonmagnetic.</p> <p><b>Structure</b> 23.3-23.31: contact; 60° tca; contact between UMD and gabbro</p>
25.13	25.7	UMD	<p>Medium-dark grey ultramafic dike; moderate strain; softer than gabbro; weakly talcose?; no visible sulphides; minor calcite veinlets +/- talc; 5 mm hematite breccia veinlet; nonmagnetic.</p> <p><b>Alteration</b> 25.13-25.7: talc; pervasive; weak 25.35-25.45: hematite; fracture-filling; moderate</p> <p><b>Structure</b> 25.13-25.7: shear; 30° tca</p>
25.7	27	GAB	<p>Medium grey medium-grained massive gabbro with 30-35% felsic content; no alteration; nonmagnetic; minor rust on fractures. EOH at 27 m.</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-004**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547205.639	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171347.854	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	200°	<b>Elevation:</b>	252.228	<b>Claim number:</b>	284640
<b>Dip:</b>	-45°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	30/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	30 m	<b>End date:</b>	30/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	1.7	CAS	
1.7	10.6	GAB_O	<p>Massive dark grey medium-grained hypersthene-bearing gabbro; 15-20% felsic content; rust on fractures; 5-8% disseminated po-cpy down to 7 m and 2-5% down to 10 m; trace disseminated po-cpy from 10-10.6 m; no alteration; weakly magnetic; lower contact gradual with increase in felsic minerals and decrease in sulphides.</p> <p><b>Mineralization</b>                      1.7-7: pyrrhotite-chalcopyrite; disseminated; 8%                      7-9: pyrrhotite-chalcopyrite; disseminated; 5%                      9-10.1: pyrrhotite-chalcopyrite; disseminated; 1%                      10.1-10.6: pyrrhotite-chalcopyrite; disseminated; 0.1%</p>
10.6	30	GAB	<p>Massive medium grey medium-grained gabbro; trace disseminated po-cpy down to 17 m; nonmagnetic; calcite(?) stockwork from 10.6-10.75 m. EOH at 30 m.</p> <p><b>Mineralization</b>                      10.6-17: pyrrhotite-chalcopyrite; disseminated; 0.1%</p> <p><b>Structure</b>                      10.6-10.75: vein; 50° tca; calcite stockwork veinlets                      15.26-15.68: fault; 15° tca; very fine-grained 1 cm green shear with remobilized po-cpy                      23.6-23.75: vein; 20° tca; 5 mm grey QCV with trace cpy                      24.75-24.85: vein; 25° tca; 5 mm nonmagnetic black veinlet with minor calcite and trace pyrite</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-005**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547218.976	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171364.680	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	250.676	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	30/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	36 m	<b>End date:</b>	30/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3	CAS	50 cm of sediment boulder
3	8.25	GAB	<p>Medium-grained dark grey gabbro; 20-30% felsic minerals - could be OPX gabbro but low sulphides; bimodal with coarser-grained pyroxene; local rust on fractures; hematite alteration halo at lower contact with UM dike/fault/shear zone; trace disseminated po-cpy; nonmagnetic to very weakly magnetic.</p> <p><b>Alteration</b>                      7.6-7.7: hematite; vein halo; weak                      7.9-8.25: hematite; pervasive; moderate; halo at fault contact</p> <p><b>Mineralization</b>                      3-8.25: pyrrhotite-chalcopyrite; disseminated; 0.1%</p>
8.25	8.6	FAULT	<p>Fault/shear zone with UM dike and gabbro bands; shearing at 60° tca; patchy hematite and calcite alteration with minor talc in UM sections; thin folded QCVs; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>                      8.25-8.6: hematite; patchy; moderate; calcite; patchy; moderate; talc; patchy; weak</p> <p><b>Mineralization</b>                      8.25-12.45: pyrrhotite-chalcopyrite; disseminated; 0.1%</p> <p><b>Structure</b>                      8.25-8.6: shear; 60° tca; shearing/faulting</p>

Appendix 2. Drill logs

8.6	12.45	GAB	<p>Medium-grained dark grey gabbro; 20-30% felsic minerals - could be OPX gabbro but low sulphides; bimodal with coarser-grained pyroxene; local rust on fractures; hematite alteration halo at upper contact with UM dike/fault/shear zone; local trace disseminated po-cpy; nonmagnetic.</p> <p><b>Alteration</b> 8.6-8.8: hematite; patchy; moderate</p>
12.45	12.75	UMD	<p>Olive green UM dike or strongly altered gabbro related to nearby UM dikes; slightly softer than gabbro; coarser-grained pyroxene; nonmagnetic.</p> <p><b>Alteration</b> 12.45-12.75: chlorite; pervasive; moderate</p> <p><b>Structure</b> 12.45-12.46: contact; 65° tca</p>
12.75	13.12	GAB	<p>Medium-grained dark grey gabbro; 20-30% felsic minerals; bimodal with coarser-grained pyroxene; no visible sulphides; nonmagnetic.</p> <p><b>Structure</b> 12.75-12.76: contact; 20° tca</p>
13.12	13.75	UMD	<p>Olive green UM dike; softer than gabbro; minor talc; coarser-grained pyroxene; weak fabric at 20-30° tca; nonmagnetic; no visible sulphides.</p> <p><b>Alteration</b> 13.12-13.75: chlorite; pervasive; moderate; talc; pervasive; moderate; calcite; patchy; weak</p> <p><b>Structure</b> 13.12-13.13: contact; 30° tca 13.13-13.5: foliation; 30° tca</p>
13.75	13.97	GAB	<p>Medium-grained dark grey gabbro; 20-30% felsic minerals; bimodal with coarser-grained pyroxene; no visible sulphides; nonmagnetic.</p>
13.97	14.05	UMD	<p>Olive green UM dike or strongly altered gabbro related to nearby UM dikes; slightly softer than gabbro; coarser-grained pyroxene; nonmagnetic.</p> <p><b>Alteration</b></p>

Appendix 2. Drill logs

			<p>13.97-14.05: chlorite; pervasive; moderate</p> <p><b>Structure</b> 13.97-13.98: contact; 30° tca</p>
14.05	27	GAB	<p>Medium grey medium- to fine-grained massive gabbro; local hematite on fractures +/- calcite; nonmagnetic; no visible sulphides; lower contact gradual.</p> <p><b>Alteration</b> 21-27: hematite; fracture-filling; weak</p>
27	27.8	GAB_BX	<p>Fine-grained dark grey gabbro stockwork brecciated by calcite; chlorite(?) and calcite overprint; nonmagnetic; no visible sulphides; lower contact sharp at 43° tca.</p> <p><b>Alteration</b> 27-27.8: chlorite; pervasive; moderate; calcite; pervasive; strong</p> <p><b>Structure</b> 27-27.8: brecciation; 40° tca; dominant direction of calcite veinlets in stockwork</p>
27.8	28.4	UMD	<p>Dark grey ultramafic dike with faulted and strongly fractured section; minor talc; calcite stockwork with bleached halos; lower contact sharp at 60° tca; nonmagnetic; no visible sulphides.</p> <p><b>Alteration</b> 27.8-8.4: talc; pervasive; moderate; calcite; pervasive; weak</p> <p><b>Structure</b> 27.8-27.81: contact; 40° tca 28.1-28.11; fault; 35° tca</p>
28.4	29.3	GAB_BX	<p>Dark grey gabbro(?); intensely stockwork brecciated by pink calcite; chlorite(?) and calcite overprint; faulting with small intervals of UM dike; local bleached halos around calcite stockwork; nonmagnetic; no visible sulphides.</p> <p><b>Minor lithology</b> 28.65-28.7: UMD 28.75-28.9: UMD</p>

Appendix 2. Drill logs

			<p><b>Alteration</b> 28.4-29.3: chlorite; pervasive; moderate; calcite; pervasive; strong</p> <p><b>Structure</b> 28.4-28.41: contact; 60° tca 28.41-29.3: brecciation; 50° tca; dominant direction of calcite veinlets in stockwork</p>
29.3	29.35	FAULT	<p>Fault gouge</p> <p><b>Alteration</b> 29.3-29.35: chlorite; pervasive; moderate; calcite; pervasive; moderate; hematite; patchy; moderate</p> <p><b>Structure</b> 29.3-29.35: gouge; 35° tca</p>
29.35	29.5	FAULT	<p>Fault breccia</p> <p><b>Alteration</b> 29.35-29.5: chlorite; pervasive; moderate; calcite; pervasive; moderate; hematite; patchy; moderate</p>
29.5	36	GAB	<p>Medium grey medium- to fine-grained massive gabbro; nonmagnetic; no visible sulphides; EOH at 36 m.</p> <p><b>Alteration</b> 32.25-32.35: hematite; patchy; weak</p> <p><b>Structure</b> 29.5-29.51: fault; 25° tca</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-006**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547218.976	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171364.680	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	300°	<b>Elevation:</b>	250.676	<b>Claim number:</b>	284640
<b>Dip:</b>	-45°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	31/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	27 m	<b>End date:</b>	31/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3	CAS	
3	12.95	GAB	Medium grey medium-grained massive gabbro; decreases to fine-grained at end of interval; weak rust on some fractures; local trace pyrrhotite at 3.1 m but overall nonmineralized; nonmagnetic to very weakly magnetic.  <b>Mineralization</b> 3.1-3.15: pyrrhotite; disseminated; 0.1%
12.95	13.55	GAB_BX	Fine-grained gabbro with 40% sediment xenoliths? (medium grey, aphanitic, very hard).  <b>Structure</b> 12.95-13.55: brecciation
13.55	13.83	UMD	Dark grey soft ultramafic dike with 1 cm QCV.  <b>Alteration</b> 13.55-13.83: talc; pervasive; weak
13.83	27	GAB	Medium grey medium-grained massive gabbro; fine-grained from 13.83-15.9 m; fractured shear from 15.7-15.9 m; fractured from 21.3-21.4 m; shear from 21.78-21.98 m; no visible sulphides; nonmagnetic to very weakly magnetic.  <b>Minor lithology</b> 15.7-15.9: SHR; fractured shear at 75° tca with hematite alteration and QCV 21.78-21.98: SHR; shear at 40° tca with hematite alteration and QCV

Appendix 2. Drill logs

			<p><b>Alteration</b>  15.7-15.9: hematite; fracture-filling; moderate  21.3-21.4: hematite; fracture-filling; moderate  21.78-21.98: hematite; fracture-filling; moderate</p> <p><b>Structure</b>  13.83-13.84: contact; 85° tca; contact between UMD and gabbro  15.7-15.9: shear; 75° tca  21.78-21.98: shear; 40° tca  22.2-22.21: shear; 70° tca  25.98-25.99: shear; 70° tca  26.79-26.8: shear; 70° tca</p>
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Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-007**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547218.976	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171364.680	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	260°	<b>Elevation:</b>	250.676	<b>Claim number:</b>	284640
<b>Dip:</b>	-45°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	31/05/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	27 m	<b>End date:</b>	31/05/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	2.15	CAS	
2.15	7.23	GAB	<p>Medium grey medium-grained massive gabbro; trace po-cpy from 3.65-3.75 m; local rust on fractures; 10 cm grey alteration halo at lower contact; lower contact at 55° tca.</p> <p><b>Mineralization</b>                      3.65-3.75: pyrrhotite-chalcopyrite; disseminated; 0.1%</p>
7.23	8.27	UMD	<p>Medium-dark grey soft ultramafic dike; minor talc; QVs and small fault at 40° tca; lower contact at 40° tca; nonmagnetic; no visible sulphides.</p> <p><b>Alteration</b>                      7.7-7.83: talc; pervasive; weak                      7.83-8.27: talc; pervasive; moderate</p> <p><b>Structure</b>                      7.87-7.88: vein; 40° tca                      8-8.02: fault; 40° tca</p>
8.27	22.8	GAB	<p>Medium grey medium- to fine-grained gabbro; upper 10 cm grey alteration halo at dike contact; local rust on fractures; no visible sulphides; fractured from 16.9-17.6 m; local &lt;1 cm QCVs; potential weak fabric at 40° tca in last 1 m of interval.; nonmagnetic to very weakly magnetic.</p> <p><b>Alteration</b>                      8.27-8.4: talc; pervasive; weak</p>

Appendix 2. Drill logs

			<p><b>Structure</b>              8.27-8.28: contact; 40° tca              21.6-22.8: foliation; 40° tca; very weak</p>
22.8	23	FAULT	<p>Shear at 40° tca with hematite and chlorite alteration; minor calcite veinlets; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>              22.8-23: hematite; patchy; moderate; chlorite; patchy; moderate</p> <p><b>Structure</b>              22.8-23: shear; 40° tca</p>
23	24.9	GAB	<p>Medium grey medium-grained massive gabbro; nonmagnetic; no visible sulphides.</p> <p><b>Structure</b>              23.5-23.51: shear; 30° tca</p>
24.9	25.85	UMD	<p>Medium-dark grey soft ultramafic dike; minor talc; lower contact at 55° tca; nonmagnetic; no visible sulphides; calcite veinlets.</p> <p><b>Alteration</b>              24.9-25.85: talc; pervasive; moderate</p> <p><b>Structure</b>              24.9-24.91: contact; 80° tca              24.96-25.02: vein; 60° tca</p>
25.85	27	GAB	<p>Medium grey medium-grained massive gabbro; nonmagnetic; no visible sulphides. EOH at 27 m.</p> <p><b>Structure</b>              25.85-25.86: contact; 55° tca</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-008**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547218.976	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171364.680	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	200°	<b>Elevation:</b>	250.676	<b>Claim number:</b>	284640
<b>Dip:</b>	-45°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	01/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	27 m	<b>End date:</b>	01/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	4.65	CAS	
4.65	8	GAB_O	<p>Dark grey medium-grained massive hypersthene-bearing gabbro; rust on fractures; trace to 0.5% fine-grained disseminated po-cpy; nonmagnetic to weakly magnetic; alteration halo from UM dike contact from 7-8.14 m calcite-chlorite-talc? with disseminated leucoxene; 2 cm calcite breccia vein from 7.3-7.6 m.</p> <p><b>Alteration</b> 7-8: calcite; pervasive; moderate; talc; pervasive; weak</p> <p><b>Mineralization</b> 4.65-8: pyrrhotite-chalcopyrite; disseminated; 0.3%</p> <p><b>Structure</b> 7.3-7.6: vein; 20° tca; calcite breccia vein</p>
8	9.7	UMD	<p>Medium grey medium-grained ultramafic dike; upper and lower contacts unclear - potential alteration halo in gabbro looks similar to dike; softer than gabbro; moderate talc; no visible sulphides; faulting/shearing with smoky quartz vein infill and minor calcite from 8.9-9.6 m; leucoxene vein halo; nonmagnetic.</p> <p><b>Alteration</b> 8-8.14: calcite; pervasive; moderate; talc; pervasive; weak 8.14-9.7: calcite; pervasive; moderate; talc; pervasive; moderate</p> <p><b>Mineralization</b></p>

Appendix 2. Drill logs

			<p>8-8.14: pyrrhotite-chalcopryrite; disseminated; 0.3%</p> <p><b>Structure</b>              8.3-8.45: fault; 20° tca              8.45-9: foliation; 38° tca              9-9.5: fault; 15° tca; fault with QCV</p>
9.7	30	GAB_O	<p>Dark grey medium-grained massive hypersthene-bearing gabbro; rust on some fractures; trace to 3% fine-grained disseminated po-cpy; nonmagnetic to weakly magnetic; alteration halo from UM dike contact from 9.7-10.5 m calcite-chlorite-talc? with disseminated leucoxene; local quartz-calcite veining.</p> <p><b>Alteration</b>              9.7-10.5: calcite; pervasive; moderate; talc; pervasive; weak</p> <p><b>Mineralization</b>              10.6-19.4: pyrrhotite-chalcopryrite; disseminated; 0.1%              19.4-26: pyrrhotite-chalcopryrite; disseminated; 3%              26-27: pyrrhotite-chalcopryrite; disseminated; 0.5%              27-30: pyrrhotite-chalcopryrite; disseminated; 0.1%</p> <p><b>Structure</b>              12.9-13.05: vein; 15° tca              28.15-28.25: vein; 10° tca</p>
30	31.8	GAB	<p>Medium grey medium-grained massive gabbro; upper contact gradual with increase in felsic content; 30-35% felsic minerals; local darker alteration stockwork with fine-grained po-cpy related to UM dike; nonmagnetic.</p> <p><b>Alteration</b>              30.95-31.8: calcite; patchy; moderate; talc; patchy; weak              31.8-32.35: calcite; pervasive; moderate; talc; pervasive; moderate</p> <p><b>Mineralization</b>              30-30.95: pyrrhotite-chalcopryrite; disseminated; 0.1%              30.95-31.4: pyrrhotite-chalcopryrite; disseminated; 1%</p>
31.8	32.35	UMD	<p>Medium grey medium-grained ultramafic dike; upper and lower contacts roughly 20° tca; softer than gabbro; moderate talc; no visible sulphides; faulting/shearing with calcite infill; nonmagnetic.</p>

Appendix 2. Drill logs

			<p><b>Structure</b>          31.9-32.1: contact; 20° tca; with faulting and QCVs          31.15-32.3: fault; 20° tca</p>
32.35	51	GAB	Medium grey medium-grained massive gabbro; no visible sulphides; nonmagnetic; minor calcite veinlets.

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-009**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547225.565	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171357.888	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	250.993	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	02/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	45 m	<b>End date:</b>	02/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	4.25	CAS	
4.25	13.45	GAB_O	<p>Dark grey medium-grained massive hypersthene-bearing gabbro; minor to 3% fine-grained disseminated po-cpy; local rust on fractures; calcite stockwork along core axis from 10.45-11.7 m and 12.7-13.45 m with minor remobilized po-cpy-py; dark alteration halo or gradual contact in last 15 cm; nonmagnetic to weakly magnetic.</p> <p><b>Alteration</b>                      12.7-13.45: hematite; patchy; weak                      13.3-13.45: talc; pervasive; weak</p> <p><b>Mineralization</b>                      4.25-6.7: pyrrhotite-chalcopryrite; disseminated; 0.5%                      6.7-8.7: pyrrhotite-chalcopryrite; disseminated; 1%                      8.7-10: pyrrhotite-chalcopryrite; disseminated; 3%                      10-10.45: pyrrhotite-chalcopryrite; disseminated; 1%                      10.45-11.7: pyrrhotite-chalcopryrite; veinlet; 0.5%                      11.7-12.45: pyrrhotite-chalcopryrite; disseminated; 0.5%                      12.45-13.3: pyrrhotite-chalcopryrite; veinlet; 0.3%</p> <p><b>Structure</b>                      6.65-6.66: vein; 60° tca; sulphide stringer                      11.06-11.07: vein; 55° tca; sulphide stringer                      12.6-12.61: vein; 60° tca; calcite veinlet</p>

Appendix 2. Drill logs

13.45	15.05	UMD	<p>Dark grey soft ultramafic dike with faulting and calcite stockwork brecciation +/- quartz; moderate talc; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b> 13.45-15.05: talc; pervasive; moderate; leucoxene; disseminated; moderate</p> <p><b>Structure</b> 13.7-14: shear; 30° tca</p>
15.05	15.5	GAB	<p>Medium-grained gabbro with calcite stockwork brecciation and hematite staining; no visible sulphides.</p> <p><b>Alteration</b> 15.05-15.3: hematite; patchy; moderate 15.4-15.5: talc; pervasive; weak</p> <p><b>Structure</b> 15.18-15.2: fault; 30° tca; fault breccia</p>
15.5	16.45	UMD	<p>Dark grey soft ultramafic dike with faulting and calcite veining +/- quartz; moderate talc; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b> 15.5-16.45: talc; pervasive; moderate</p> <p><b>Structure</b> 15.9-16.05: vein; 20° tca; calcite-talc vein</p>
16.45	16.78	GAB	<p>Medium-grained gabbro with grey alteration halos related to UM dikes; no visible sulphides.</p> <p><b>Alteration</b> 16.45-16.78: talc; patchy; weak</p>
16.78	16.96	UMD	<p>Dark grey ultramafic dike with minor calcite veinlets; no visible sulphides.</p> <p><b>Alteration</b> 16.78-16.96: talc; pervasive; weak</p> <p><b>Structure</b></p>

Appendix 2. Drill logs

			16.78-16.79: contact; 65° tca; sharp
16.96	21.9	GAB	<p>Medium grey medium-grained massive gabbro; local rust on some fractures; calcite stockwork brecciation from 16.96-17.6 m with hematite alteration halo; no visible sulphides; nonmagnetic to very weakly magnetic.</p> <p><b>Alteration</b> 16.78-17.6: hematite; vein halo; weak</p>
21.9	23.75	GAB_BX	<p>Medium-grained gabbro breccia with hematite altered matrix of gabbro or other lithology? with blue leucoxene?; calcite stockwork with local finely laminated brown chert; no visible sulphides.</p> <p><b>Alteration</b> 21.9-23.15: hematite; patchy; moderate; leucoxene; disseminated; strong [hematite selectively altering breccia matrix; leucoxene is blue]</p>
23.75	24.25	GAB	<p>Medium grey medium-grained massive gabbro; rust on fractures; no visible sulphides; nonmagnetic to very weakly magnetic.</p>
24.25	24.6	GAB_BX	<p>Medium-grained gabbro breccia with hematite altered matrix of gabbro or other lithology? with blue leucoxene?; calcite stockwork; no visible sulphides.</p> <p><b>Alteration</b> 24.25-24.6: hematite; patchy; moderate; leucoxene; disseminated; moderate [hematite selectively altering breccia matrix; leucoxene is blue]</p>
24.6	35.35	GAB	<p>Medium grey medium-grained massive gabbro decreases to fine-grained and lighter grey below 29 m; local hematite altered breccias like 24.25-24.6 m; no visible sulphides; minor calcite veinlets.</p> <p><b>Minor lithology</b> 26.75-27: GAB_BX 33.97-34.02: UMD; thin UM dikelet with QCV and dark grey alteration halo</p> <p><b>Alteration</b> 26-29: hematite; fracture-filling; weak</p> <p><b>Structure</b> 26.75-27: brecciation 27.5-27.51: 60° tca; calcite-hematite breccia veinlet 29.52-29.53: 50° tca; calcite-hematite breccia veinlet</p>



Appendix 2. Drill logs

			30.71-30.72: 50° tca; calcite-hematite breccia veinlet 33.97-34.02: dike; 45° tca; thin UM dikelet with QCV and dark grey alteration halo
35.35	36.6	GAB_CM	Medium grey fine-grained gabbro with intense calcite stockwork brecciation; ultramafic section in breccia from 35.55-35.85 m; no visible sulphides.  <b>Alteration</b> 35.35-36.6: calcite; pervasive; weak  <b>Structure</b> 35.35-36.6: vein; 60° tca; dominant orientation of calcite veinlets in stockwork
36.6	36.9	FAULT	Hematite-stained fault zone with calcite stockwork brecciation; fault gouge from 36.78-36.82 m; faulting and shearing at 40° tca.  <b>Alteration</b> 36.6-36.9: hematite; pervasive; strong  <b>Structure</b> 36.6-36.77: shear; 40° tca 36.77-36.82: gouge; 40° tca 36.82-36.9: shear; 40° tca
36.9	39.8	GAB	Medium grey fine- to medium-grained massive gabbro; no visible sulphides; calcite and hematite on fractures.
39.8	41.85	GAB_BX	Medium grey fine-grained gabbro; could be chill margin; with intense calcite stockwork brecciation; weak spotty hematite; no visible sulphides.  <b>Alteration</b> 39.8-41.85: hematite; spotty; weak; calcite; pervasive; weak  <b>Structure</b> 39.8-41.85: vein; 65° tca; dominant direction of calcite veinlets in stockwork
41.85	42.15	FAULT	Brecciated fault zone; mix of gabbro and sediment; faulting at 70° tca.  <b>Alteration</b> 41.85-42.15: hematite; patchy; moderate

Appendix 2. Drill logs

			<p><b>Structure</b> 41.85-42.15: fault; 70° tca</p>
42.15	45	SED_C	<p>Dark grey aphanitic sediment matrix with minor red-pink intrusive subrounded clasts; calcite veinlets with pink bleached halos. EOH at 45 m.</p> <p><b>Alteration</b> 42.15-45: hematite; patchy; weak</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-010**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547223.403	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171344.637	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	250.134	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	03/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	42 m	<b>End date:</b>	04/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	2.9	CAS	
2.9	29	GAB_O	<p>Medium-dark grey medium-grained hypersthene-bearing gabbro; massive except for calcite breccia with angular gabbro clasts from 4-4.3 m at 10° tca; minor quartz-calcite veinlets locally with remobilized chalcopyrite; minor to 10% disseminated po-cpy; local rust on fractures; nonmagnetic to weakly magnetic.</p> <p><b>Minor lithology</b>                      4-4.3: GAB_BX: calcite breccia vein with gabbro fragments</p> <p><b>Mineralization</b>                      3-8: pyrrhotite-chalcopyrite; disseminated; 0.3%                      8-11: pyrrhotite-chalcopyrite; disseminated; 5%                      11-14: pyrrhotite-chalcopyrite; disseminated; 8%                      14-19: pyrrhotite-chalcopyrite; disseminated; 10%                      19-23: pyrrhotite-chalcopyrite; disseminated; 5%                      23-28: pyrrhotite-chalcopyrite; disseminated; 3%                      28-29: pyrrhotite-chalcopyrite; disseminated; 0.3%</p> <p><b>Structure</b>                      4-4.3: brecciation; 10° tca; calcite brecciating gabbro                      7.75-7.95: vein; 20° tca; QCV with remobilized chalcopyrite                      26.1-26.25: brecciation; 25° tca; 1 cm calcite breccia with rust and pyrite could be minor shear/fault</p>

Appendix 2. Drill logs

29	42	GAB	<p>Medium grey medium-grained massive equigranular gabbro; gradual contact with increase in felsic content; rust on some fractures; minor quartz-calcite veinlets; nonmagnetic to very weakly magnetic; EOH at 42 m.</p> <p><b>Minor lithology</b>            37.35-37.5: GAB_BX: hematite altered breccia in gabbro with calcite stockwork            39.9-40.2: GAB_BX: hematite altered breccia in gabbro with calcite stockwork</p> <p><b>Alteration</b>            37.35-37.5: hematite; vein halo; moderate            39.9-40.2: hematite; vein halo; moderate</p>
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Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-011**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547221.437	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171345.618	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	300°	<b>Elevation:</b>	250.097	<b>Claim number:</b>	284640
<b>Dip:</b>	-50°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	04/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	51 m	<b>End date:</b>	04/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	2.6	CAS	
2.6	19	GAB_O	<p>Medium-dark grey medium-grained massive hypersthene-bearing gabbro; 1-10% disseminated po-cpy; weakly magnetic; gradual lower contact with increase in felsic content.</p> <p><b>Mineralization</b>                      2.6-4.5: pyrrhotite-chalcopyrite; disseminated; 5%                      4.5-14.2: pyrrhotite-chalcopyrite; disseminated; 10%                      14.2-16: pyrrhotite-chalcopyrite; disseminated; 2%                      16-18.2: pyrrhotite-chalcopyrite; disseminated; 0.5%                      18.2-18.7: pyrrhotite-chalcopyrite; disseminated; 5%                      18.7-19: pyrrhotite-chalcopyrite; disseminated; 0.1%</p>
19	25.7	GAB	Medium grey medium-grained massive gabbro; no visible sulphides; nonmagnetic to very weakly magnetic.
25.7	26.4	UMD	<p>Dark grey ultramafic dike with moderate talc and QCVs; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>                      25.7-26.3: talc; pervasive; moderate</p> <p><b>Structure</b>                      25.7-25.71: contact; 80° tca</p>
26.4	31	GAB	Medium grey medium-grained massive gabbro; no visible sulphides; nonmagnetic to very weakly magnetic; grain size decreases with depth.

Appendix 2. Drill logs

			<p><b>Minor lithology</b> 30.38-30.41: UMD</p> <p><b>Structure</b> 26.4-26.41: contact; 80° tca 30.38-30.39: contact; 75° tca</p>
31	31.37	GAB_CM	Medium-dark grey aphanitic gabbro chill margin; minor calcite stockwork; sharp lower contact.
31.37	31.7	SEDS	<p>Rafted piece of sediment? Brown-grey aphanitic almost cherty sediment with calcite stockwork brecciation and weak hematite; QCV flooding/breccia from 31.62-31.77 m with minor pyrite; fault from 31.77-31.87 m; nonmagnetic; sharp lower contact.</p> <p><b>Alteration</b> 31.37-31.7: silica; pervasive; moderate; hematite; patchy; weak</p> <p><b>Structure</b> 31.7-31.38: contact; 75° tca</p>
31.7	31.87	FAULT	<p>1 cm of gouge; shearing and faulting at 70° tca; minor hematite and calcite.</p> <p><b>Alteration</b> 31.7-31.77: silica; pervasive; moderate; hematite; patchy; weak 31.77-31.87: hematite; patchy moderate; chlorite; patchy; moderate</p> <p><b>Structure</b> 31.81-31.82: gouge; 75° tca</p>
31.87	38	GAB	<p>Medium grey medium-grained massive gabbro; no visible sulphides; nonmagnetic to very weakly magnetic; minor stockwork brecciation from 32.15-32.3 m with hematite alteration; sharp lower contact.</p> <p><b>Minor lithology</b> 32.15-32.32: GAB_BX</p> <p><b>Alteration</b> 32.15-32.3: hematite; fracture-filling; moderate</p> <p><b>Structure</b></p>

Appendix 2. Drill logs

			31.87-31.88: contact; 75° tca
38	38.35	UMD	Dark grey ultramafic dikelet; no visible sulphides; nonmagnetic.  <b>Alteration</b> 38-38.2: talc; pervasive; weak  <b>Structure</b> 38-38.01: contact; 40° tca 38.05-38.2: foliation; 45° tca
38.35	38.57	GAB	Medium grey fine- to medium-grained massive gabbro; no visible sulphides; nonmagnetic.  <b>Structure</b> 38.35-38.36: contact; 65° tca
38.57	38.83	UMD	Dark grey ultramafic dikelet; no visible sulphides; nonmagnetic.  <b>Alteration</b> 38.57-38.83: hematite; fracture-filling; weak; talc; pervasive; weak  <b>Structure</b> 38.57-38.58: contact; 65° tca
38.83	42.35	GAB	Medium grey fine-grained massive gabbro; minor calcite stockwork; no visible sulphides; nonmagnetic.  <b>Minor lithology</b> 40.86-40.92: UMD  <b>Structure</b> 38.83-38.84: contact; 55° tca
42.35	42.85	GAB_CM	Dark grey fine-grained to aphanitic gabbro chill margin with strong calcite stockwork brecciation; no visible sulphides; nonmagnetic.
42.85	51	SED_C	Dark grey "tillite" sediment with aphanitic matrix and infrequent subrounded red-pink intrusive clasts; local calcite stockwork brecciation; shear from 42.95-43.05 m at 60° tca; no visible sulphides; nonmagnetic; EOH at 51 m.  <b>Minor lithology</b>

Appendix 2. Drill logs

			<p>42.95-43.06: FAULT</p> <p><b>Alteration</b> 42.85-51: hematite; patchy; moderate; silica; patchy; moderate</p> <p><b>Structure</b> 42.95-43.05: shear; 60° tca</p>
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Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-012**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547219.348	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171329.824	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	249.022	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	05/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	51 m	<b>End date:</b>	06/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3	CAS	
3	13.1	GAB_O	<p>Medium-dark grey medium-grained massive hypersthene-bearing gabbro; 5-8% disseminated po-cpy; weakly magnetic; local rust on fractures.</p> <p><b>Mineralization</b>                      3-10: pyrrhotite-chalcopyrite; disseminated; 5%                      10-12: pyrrhotite-chalcopyrite; disseminated; 8%                      12-13.1: pyrrhotite-chalcopyrite; disseminated; 5%</p>
13.1	14.9	UMD	<p>Soft grey ultramafic dike with quartz-calcite-talc veining and brecciation along fault; alteration halos or gradual transitions from 13.1-13.47 m and 14.22-14.9 m; minor galena and chalcopyrite in QCV from 13.6-14.1 m.</p> <p><b>Alteration</b>                      13.1-13.47: talc; pervasive; weak                      13.47-14.22: talc; pervasive; strong                      14.22-14.9: talc; pervasive; weak</p> <p><b>Mineralization</b>                      13.1-13.6: pyrrhotite-chalcopyrite; disseminated; 0.5%                      13.6-14.2: chalcopyrite; veinlet; 0.3%                      14.2-14.9: pyrrhotite-chalcopyrite; disseminated; 0.5%</p> <p><b>Structure</b></p>

Appendix 2. Drill logs

			<p>13.1-13.11: contact; 25° tca  13.47-13.48: contact; 20° tca  13.7-13.78: vein; 20° tca  13.82-14.1: fault; 15° tca  14.22-14.23: contact; 20° tca</p>
14.9	23	GAB_O	<p>Medium-dark grey medium-grained massive hypersthene-bearing gabbro; 1-10% disseminated po-cpy; weakly magnetic; local rust on fractures.</p> <p><b>Mineralization</b>  14.9-17.6: pyrrhotite-chalcopryrite; disseminated; 0.5%  17.6-21: pyrrhotite-chalcopryrite; disseminated; 10%  21-22: pyrrhotite-chalcopryrite; disseminated; 5%  22-23: pyrrhotite-chalcopryrite; disseminated; 1%</p> <p><b>Structure</b>  14.9-14.91: contact; 30° tca</p>
23	26.3	GAB	<p>Medium grey medium-grained massive gabbro; gradual upper contact with increased felsic content; strongly fractured from 25.6-26.3 m in contact with UM dike with minor faulting; minor disseminated po-cpy from 23-24 m; nonmagnetic to very weakly magnetic.</p> <p><b>Mineralization</b>  23-24: pyrrhotite-chalcopryrite; disseminated; 0.5%</p>
26.3	29.38	UMD	<p>Grey fine- to medium-grained ultramafic dike with faulting and brecciation; QC veinlets and breccias; talc alteration; no visible sulphides; nonmagnetic; alteration halo or gradual contact from 29.38-29.65 m.</p> <p><b>Alteration</b>  26.3-29.38: talc; pervasive; strong</p> <p><b>Mineralization</b>  28.6-28.8: chalcopryrite; veinlet; 0.1%</p> <p><b>Structure</b>  26.3-26.31: fault; 25° tca; minor gouge material  27-27.3: vein; 15° tca; several mm-scale QCVs</p>

Appendix 2. Drill logs

			<p>27.6-27.8: brecciation; 30° tca; fault breccia with QCV and minor gouge material                  27.8-28.2: fault; 15° tca                  28.35-29.3: vein; 20° tca; QCV veins/breccias likely along fault planes with minor rock flour</p>
29.38	44.2	GAB	<p>Medium grey medium-grained massive gabbro; no visible sulphides; nonmagnetic to very weakly magnetic; minor calcite stockwork from 39.9-44.2 m; decrease in grain size towards end of interval; local rust on fractures.</p> <p><b>Alteration</b>                  29.38-29.65: talc; pervasive; weak</p> <p><b>Structure</b>                  29.38-29.39: contact; 20° tca</p>
44.2	46.77	GAB_BX	<p>Fractured fine-grained gabbro with moderate calcite stockwork brecciation; moderate hematite on fractures; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>                  44.2-46.77: hematite; fracture-filling; moderate</p>
46.77	47.04	UMD	<p>Dark grey fine-grained ultramafic dike with calcite stockwork brecciation; no visible sulphides; nonmagnetic.</p> <p><b>Structure</b>                  46.77-46.78: contact; 40° tca</p>
47.04	47.45	GAB_BX	<p>Fine-grained green-grey gabbro with strong calcite stockwork brecciation; minor hematite alteration; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>                  47.04-47.45: hematite; fracture-filling; weak</p> <p><b>Structure</b>                  47.04-47.05: contact; 50° tca</p>
47.45	49.3	FAULT	<p>Fault breccia with gabbro and potential ultramafic content; strong calcite stockwork; zones of strong hematite; no visible sulphides; nonmagnetic; gouge from 49.13-49.17 m.</p> <p><b>Minor lithology</b>                  49.12-49.17: FAULT</p>

Appendix 2. Drill logs

			<p><b>Alteration</b>  47.45-49: hematite; patchy; moderate; chlorite; fracture-filling; moderate  49-49.3: hematite; pervasive; strong; chlorite; fracture-filling; moderate</p> <p><b>Structure</b>  48.2-48.6: shear; 50° tca  49.1-49.13: shear; 50° tca  49.13-49.17: gouge; 50° tca</p>
49.3	51	GAB	<p>Fine-grained green-grey gabbro with minor calcite stockwork; ultramafic dikelet from 49.77-49.86 m; no visible sulphides; nonmagnetic to very weakly magnetic; EOH at 51 m.</p> <p><b>Minor lithology</b>  49.77-49.86: UMD</p> <p><b>Alteration</b>  49.3-51: hematite; fracture-filling; weak; chlorite; fracture-filling; moderate</p> <p><b>Structure</b>  49.77-49.78: contact; 50° tca</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-013**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547218.113	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171330.442	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	300°	<b>Elevation:</b>	249.018	<b>Claim number:</b>	284640
<b>Dip:</b>	-50°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	06/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	51 m	<b>End date:</b>	06/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3.25	CAS	
3.25	19	GAB_O	Medium-dark grey medium-grained massive hypersthene-bearing gabbro; 1-10% disseminated po-cpy; weakly magnetic.  <b>Mineralization</b> 3.25-7: pyrrhotite-chalcopyrite; disseminated; 2% 7-14.5: pyrrhotite-chalcopyrite; disseminated; 5% 14.5-15.8: pyrrhotite-chalcopyrite; disseminated; 10% 15.8-18.3: pyrrhotite-chalcopyrite; disseminated; 5% 18.3-18.5: pyrrhotite-chalcopyrite; disseminated; 1% 18.5-19: pyrrhotite-chalcopyrite; disseminated; 0.3%
19	34.5	GAB	Medium grey medium-grained massive gabbro; gradual contact with increase in felsic content; decreases to fine-grained below 31 m; no visible sulphides; nonmagnetic.
34.5	34.8	UMD	Dark grey fine-grained ultramafic dikelet; minor hematite on fractures; no visible sulphides; nonmagnetic.
34.8	36.58	GAB	Medium grey fine-grained massive gabbro; no visible sulphides; nonmagnetic.
36.58	36.78	FAULT	Fractured dark green-grey fault breccia with calcite-hematite stockwork; no visible sulphides; nonmagnetic.
36.78	38.68	GAB	Medium grey fine- to medium-grained massive gabbro; minor chlorite stockwork; no visible sulphides; nonmagnetic.
38.68	39	UMD	Dark grey fine-grained ultramafic dikelet; rubble from 38.8-38.9 m; no visible sulphides; nonmagnetic.  <b>Alteration</b> 36.68-39: talc; pervasive; weak

Appendix 2. Drill logs

39	40	GAB	Medium grey fine-grained massive gabbro; minor chlorite stockwork; no visible sulphides; nonmagnetic.
40	40.6	FAULT	<p>Very strongly fractured fault zone with ultramafic dike stockwork brecciated by calcite; hematite on fractures; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b> 40-40.6: talc; pervasive; moderate; hematite; fracture-filling; moderate</p> <p><b>Structure</b> 40-40.01: contact; 80° tca</p>
40.6	51	SED_C	<p>Dark grey "tillite" sediment with aphanitic matrix with infrequent 1-10 cm subrounded red-pink intrusive clasts; local breccias with potential ultramafic matrix; minor calcite stockwork veinlets; no visible sulphides; nonmagnetic; EOH at 51 m.</p> <p><b>Minor lithology</b> 42.45-42.65: SED_BX 42.94-42.99: SED_BX 43.45-43.76: UMD; breccia 43.81-44.02: UMD; breccia 44.02-44.18: SED_BX 44.75-44.92: SED_BX</p> <p><b>Alteration</b> 40.6-43.45: hematite; patchy; moderate 43.45-43.75: talc; pervasive; weak 43.81-44.02: talc; pervasive; moderate; hematite; patchy; weak 44.02-51: hematite; patchy; weak</p> <p><b>Structure</b> 40.6-40.61: contact; 80° tca</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-014**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547216.276	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171315.814	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	249.202	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	07/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	51 m	<b>End date:</b>	08/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3	CAS	
3	3.85	GAB_O	Medium grey medium-grained massive hypersthene-bearing gabbro; 2% disseminated po-cpy; weakly magnetic.  <b>Mineralization</b> 3-3.85: pyrrhotite-chalcopryrite; disseminated; 2%
3.85	4.6	FAULT	Strongly fractured zone could be weathered bedrock surface or fault zone close to surface; gouge or mud and rubble from 4.25-4.30 m and 4.45-4.50 m; 2-3% po-cpy.  <b>Mineralization</b> 3.85-4.6: pyrrhotite-chalcopryrite; disseminated; 3%
4.6	29	GAB_O	Medium-dark grey medium-grained massive hypersthene-bearing gabbro; 1-10% disseminated fine-grained po-cpy and local stringers; weakly magnetic.  <b>Mineralization</b> 4.6-6.7: pyrrhotite-chalcopryrite; disseminated; 4% 6.7-26: pyrrhotite-chalcopryrite; disseminated; 10% 26-27: pyrrhotite-chalcopryrite; disseminated; 1% 27-28.1: pyrrhotite-chalcopryrite; disseminated; 0.5% 28.1-29: pyrrhotite-chalcopryrite; disseminated; 0.3%
29	47.1	GAB	Medium grey medium-grained massive gabbro; very gradual transition from GAB_O to GAB with increase in felsic content; trace fine-grained disseminated po-cpy to 37 m; nonmagnetic to very weakly magnetic; local minor rust on fractures; local QCV.

Appendix 2. Drill logs

			<p><b>Mineralization</b>                  29-35: pyrrhotite-chalcopyrite; disseminated; 0.3%                  35-37: pyrrhotite-chalcopyrite; disseminated; 0.1%</p>
47.1	48.7	GAB_BX	<p>Fine- to medium-grained grey gabbro stockwork brecciated by calcite; local weak hematite alteration; disseminated leucoxene; no visible sulphides; foliation from 30-55° tca; potential UM content with soft talcose fault at 47.95 m at 30° tca.</p> <p><b>Structure</b>                  47.1-47.25: foliation; 60° tca</p>
48.7	51	GAB	<p>Slight calcite stockwork brecciation with weak chlorite and hematite; minor disseminated leucoxene; no visible sulphides; nonmagnetic. EOH at 51 m.</p>



Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-015**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	546688.054	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171370.153	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	280°	<b>Elevation:</b>	253.770	<b>Claim number:</b>	226042
<b>Dip:</b>	-50°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	09/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	162 m	<b>End date:</b>	12/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	4.8	CAS	
4.8	57.6	SED_C	<p>Dark grey tillite sediment with fine-grained matrix and infrequent 1 mm to 15 cm subrounded clasts mostly a pink granitic intrusive lithology; moderately to strongly fractured; local bleached patches with epidote alteration; minor to moderate calcite stockwork veinlets; local 1 cm quartz-calcite veins locally with trace chalcopryrite; strong calcite stockwork brecciation from 55-57.6 m.</p> <p><b>Alteration</b>                      4.8-10.75: silica; pervasive; moderate                      10.75-11.05: silica; pervasive; moderate; epidote; pervasive; moderate; calcite; pervasive; weak                      11.05-13.45: silica; pervasive; moderate                      13.45-13.55: silica; pervasive; moderate; epidote; pervasive; moderate; calcite; pervasive; weak                      13.55-56: silica; pervasive; moderate                      56-57.6: silica; pervasive; moderate; hematite; patchy; weak</p> <p><b>Mineralization</b>                      52.46-52.47: chalcopryrite; veinlet; 0.1%                      53.08-53.1: chalcopryrite; veinlet; 0.1%</p>
57.6	57.97	SED_BX	<p>Brecciated sediment with moderate silicification and patchy hematite; potential minor ultramafic content; calcite tension gashes; general fabric at 40° tca.</p> <p><b>Alteration</b>                      57.6-57.97: hematite; patchy; strong; chlorite; patchy; moderate; calcite; pervasive; moderate</p>

Appendix 2. Drill logs

			<p><b>Structure</b> 57.6-57.97: brecciation; 40° tca</p>
57.97	59.8	GAB_BX	<p>Gabbro-sediment breccia with hematite alteration and intense calcite stockwork and tension gashes.</p> <p><b>Alteration</b> 57.97-59.8: hematite; patchy; strong; chlorite; patchy; moderate; calcite; pervasive; moderate</p> <p><b>Structure</b> 57.97-58.08: vein; 80° tca</p>
59.8	61.97	GAB_BX	<p>Hematite altered medium-grained gabbro stockwork brecciated by calcite; nonmagnetic.</p> <p><b>Alteration</b> 59.8-61.97: hematite; patchy; strong; chlorite; patchy; moderate; calcite; pervasive; moderate</p>
61.97	93.87	GAB_VT	<p>Medium-grained medium grey vari-textured gabbro with coarser-grained patches; very weak hematite staining of feldspars; epidote-calcite wisps and veinlets; nonmagnetic.</p> <p><b>Minor lithology</b> 80-80.17: UMD; dark grey UM(?) dikelet; alteration halos on either side; no visible sulphides; 40° tca</p> <p><b>Alteration</b> 61.97-92: hematite; spotty; weak; epidote; vein; weak; calcite; vein; weak 92-93.87: hematite- patchy; weak; epidote; patchy; moderate</p> <p><b>Structure</b> 80.17-80.55: brecciation; calcite stockwork brecciation of gabbro 83.54-83.55: fault; 55° tca; 1 cm fault with hematite-calcite breccia infill</p>
93.87	94.25	FAULT	<p>Dark grey brecciated fault zone with quartz-calcite infill and strong hematite alteration of gabbro fragments; 20-25° tca; slickenlines present.</p> <p><b>Alteration</b> 93.87-94.25: hematite; patchy; moderate; chlorite; pervasive; moderate</p>

Appendix 2. Drill logs

94.25	107	GAB_VT	<p>Medium-grained medium grey vari-textured gabbro with coarser-grained patches; very weak hematite staining of feldspars; epidote-calcite wisps and veinlets; nonmagnetic; dark grey alteration from 94.2-95 m around fault with calcite stockwork and minor fabric at 40° tca; pyrite veinlet at 88.9 m.</p> <p><b>Alteration</b>            94.25-94.7: chlorite; pervasive; moderate            94.7-107: hematite; patchy; weak; epidote; patchy; weak; calcite; vein; weak</p>
107	128.55	GAB_VT	<p>Medium-grained medium grey vari-textured gabbro with coarser-grained patches; very weak hematite staining of feldspars; epidote-calcite wisps and veinlets; nonmagnetic; local QVs +/- chlorite along core axis; epidote veinlet at 107.45 m with trace chalcopyrite; brown spots from 120-121.7 m could be oxides.</p> <p><b>Alteration</b>            107-128.55: hematite; patchy; weak; epidote; patchy; weak; calcite; vein; weak</p> <p><b>Structure</b>            109-110: vein; 45° tca; several epidote-calcite veinlets/wisps</p>
128.55	129.5	GAB_Peg	<p>Very coarse-grained gabbro with weak spotty epidote; minor fine-grained disseminated pyrite; very weakly magnetic.</p> <p><b>Alteration</b>            128.55-129.5: hematite; patchy; weak; epidote; patchy; weak; calcite; vein; weak</p>
129.5	162	GAB_VT	<p>Medium-grained medium grey vari-textured gabbro with coarser-grained patches; very weak hematite staining of feldspars; patchy epidote alteration of feldspars; epidote-calcite wisps and veinlets; nonmagnetic; dark brown spots from 135.4-139.0 m and 153.5-157.5 m could be oxides; minor chalcopyrite and pyrite in 2 cm QV at 148.1 m; EOH at 162 m.</p> <p><b>Minor lithology</b>            146.7-146.85: QV; 3 cm QCV/breccia at 30° tca; hematite alteration halo            152.35-152.53: QV; QCV at 30° tca; slow cooling with coarse crystals; minor chlorite; hematite alteration halo</p> <p><b>Alteration</b>            129.5-162: hematite; patchy; weak; epidote; patchy; weak; calcite; vein; weak</p> <p><b>Mineralization</b></p>

Appendix 2. Drill logs

			148.09-148.11: chalcopyrite; veinlet; 0.3%  <b>Structure</b> 146.7-146.85: vein; 40° tca 152.35-152.53: vein; 40° tca
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Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-016**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	546690.846	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171369.346	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	100°	<b>Elevation:</b>	253.742	<b>Claim number:</b>	226042
<b>Dip:</b>	-50°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Could not pull
<b>Start depth:</b>	0 m	<b>Start date:</b>	12/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	111 m	<b>End date:</b>	14/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	26.7	CAS	
26.7	86	GAB_VT	<p>Medium-grained medium to dark grey vari-textured gabbro with coarser-grained patches; sporadic areas with dark brown spots likely oxides (looks like ilmenite; dark black streak when scratched) - mag susc higher in these zones; local weak to moderate hematite staining of feldspars +/- epidote; local chlorite alteration; minor calcite veinlets +/- epidote; 1 cm QV with 0.5% po-cpy at 45.4 m; nonmagnetic to weakly magnetic.</p> <p><b>Alteration</b>                  26.7-49: hematite; patchy; weak; chlorite; patchy; moderate; epidote; patchy; weak                  49-53.2: hematite; patchy; moderate; chlorite; patchy; moderate; epidote; patchy; weak                  53.2-70: hematite; patchy; weak; chlorite; patchy; strong; epidote; patchy; weak                  70-86: hematite; patchy weak; chlorite; patchy; moderate; epidote; patchy; weak</p> <p><b>Mineralization</b>                  45.4-45.42: pyrrhotite-chalcocopyrite; veinlet; 0.5%</p> <p><b>Structure</b>                  45.4-45.42: vein; 45° tca</p>
86	111	GAB	<p>Medium-grained dark grey massive gabbro; dark brown spots throughout likely ilmenite; one vari-textured zone from 110.6-111.0 m; weakly to moderately magnetic; EOH at 111 m.</p> <p><b>Alteration</b>                  86-110.6: chlorite; patchy; moderate</p>

Appendix 2. Drill logs

			110.6-111: hematite; patchy; weak; chlorite; patchy; moderate
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Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-017**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547226	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171286	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	254	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	GPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	15/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	30 m	<b>End date:</b>	15/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3.4	CAS	
3.4	26.1	GAB	<p>Medium grey medium-grained massive gabbro; rust on fractures; trace to 0.5% disseminated po-cpy from 17.35-26.1 m; local quartz-calcite breccia veins with pyrite; nonmagnetic to very weakly magnetic.</p> <p><b>Mineralization</b>                      17.35-18.1: pyrrhotite-chalcopryrite; disseminated; 0.1%                      18.1-18.7: pyrrhotite-chalcopryrite; disseminated; 0.3%                      18.7-19.8: pyrrhotite-chalcopryrite; disseminated; 0.1%                      19.8-20.8: pyrrhotite-chalcopryrite; disseminated; 0.5%                      20.8-26.1: pyrrhotite-chalcopryrite; disseminated; 0.1%</p> <p><b>Structure</b>                      20.95-21.1: vein; 50° tca</p>
26.1	30	GAB_O	<p>Medium grey medium-grained massive gabbro; could be hypersthene-bearing; gradual contact with decrease in felsic content and general increase in sulphides; trace to 2% disseminated po-cpy; nonmagnetic to weakly magnetic; EOH at 30 m.</p> <p><b>Mineralization</b>                      26.1-27: pyrrhotite-chalcopryrite; disseminated; 2%                      27-29.75: pyrrhotite-chalcopryrite; disseminated; 0.1%                      29.75-30: pyrrhotite-chalcopryrite; disseminated; 0.3%</p>

Appendix 2. Drill logs

**SPC Nickel Corp**  
**Detailed Log Report**  
**Hole Number JP-21-018**

<b>Project name:</b>	Janes Project	<b>Easting:</b>	547195.020	<b>Contractor:</b>	Forage Geo-Nord
<b>Hole diameter:</b>	NQ	<b>Northing:</b>	5171321.028	<b>Company:</b>	SPC Nickel Corp
<b>Azimuth:</b>	0°	<b>Elevation:</b>	250.862	<b>Claim number:</b>	284640
<b>Dip:</b>	-90°	<b>Survey instrument:</b>	DGPS	<b>Casing:</b>	Pulled
<b>Start depth:</b>	0 m	<b>Start date:</b>	15/06/21	<b>Core location:</b>	SPC core shack
<b>End depth:</b>	51 m	<b>End date:</b>	15/06/21	<b>Grid:</b>	UTM NAD83 Z17N

From	To	Lithology	Comments
0	3.4	CAS	
3.4	4.05	UMD	<p>Medium grey soft ultramafic dike; strongly fractured; gabbro from 3.4-3.5 m; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>                      3.5-4.05: talc; pervasive; moderate</p> <p><b>Structure</b>                      3.5-3.51: contact; 65° tca</p>
4.05	5.85	GAB	<p>Medium grey medium-grained massive gabbro; moderately fractured; no visible sulphides; nonmagnetic.</p> <p><b>Structure</b>                      4.05-4.06: contact; 50° tca</p>
5.85	9.7	UMD	<p>Medium to dark grey medium-grained ultramafic dike; soft and talcose; clusters of lighter mineral could be talc; moderately fractured; no visible sulphides; nonmagnetic.</p> <p><b>Alteration</b>                      5.85-6.6: talc; pervasive; moderate                      6.6-7.9: talc; pervasive; strong                      7.9-9.7: talc; pervasive; moderate</p> <p><b>Structure</b>                      5.85-5.86: contact; 50° tca</p>



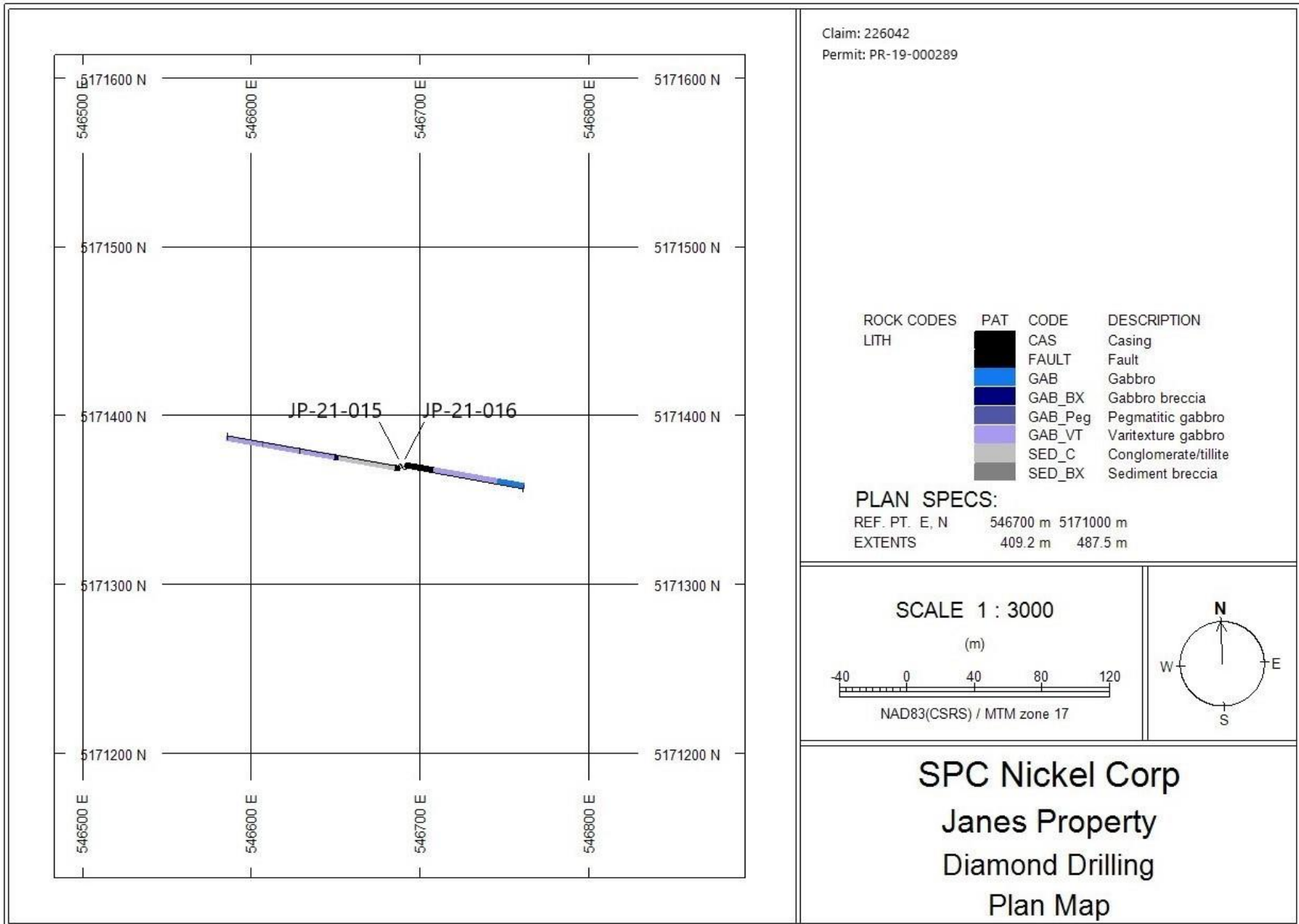
Appendix 2. Drill logs

9.7	20.2	GAB	Medium grey medium-grained massive gabbro; no visible sulphides; nonmagnetic.
20.2	21.25	UMD	Medium grey ultramafic dike; soft and talcose; no visible sulphides; nonmagnetic.  <b>Alteration</b> 20.2-21.25: talc; pervasive; moderate
21.25	27.3	GAB	Medium grey medium-grained massive gabbro; minor calcite veinlets; no visible sulphides; nonmagnetic.
27.3	27.8	UMD	Medium grey ultramafic dike; soft and talcose; hematite on fractures; no visible sulphides; nonmagnetic.  <b>Alteration</b> 27.3-27.8: talc; pervasive; strong; hematite; fracture-filling; moderate  <b>Structure</b> 27.3-27.31: contact; 30° tca
27.8	33.9	GAB	Medium grey medium-grained massive gabbro; minor calcite veinlets +/- hematite; no visible sulphides; nonmagnetic.  <b>Alteration</b> 31-33.9: hematite; fracture-filling; weak
33.9	34.45	GAB_BX	Brecciated fault zone in gabbro with quartz-calcite matrix; hematite alteration; general fabric at 60° tca.  <b>Alteration</b> 33.9-34.45: hematite; patchy; moderate  <b>Structure</b> 33.9-34.45: foliation; 60° tca
34.45	34.9	GAB	Grey fine-grained gabbro.
34.9	37.3	FAULT	Strongly fractured faulted tillite sediment; stockwork calcite brecciation; hematite alteration.  <b>Minor lithology</b> 37.1-37.2: UMD  <b>Alteration</b> 34.9-37.3: hematite; patchy; moderate

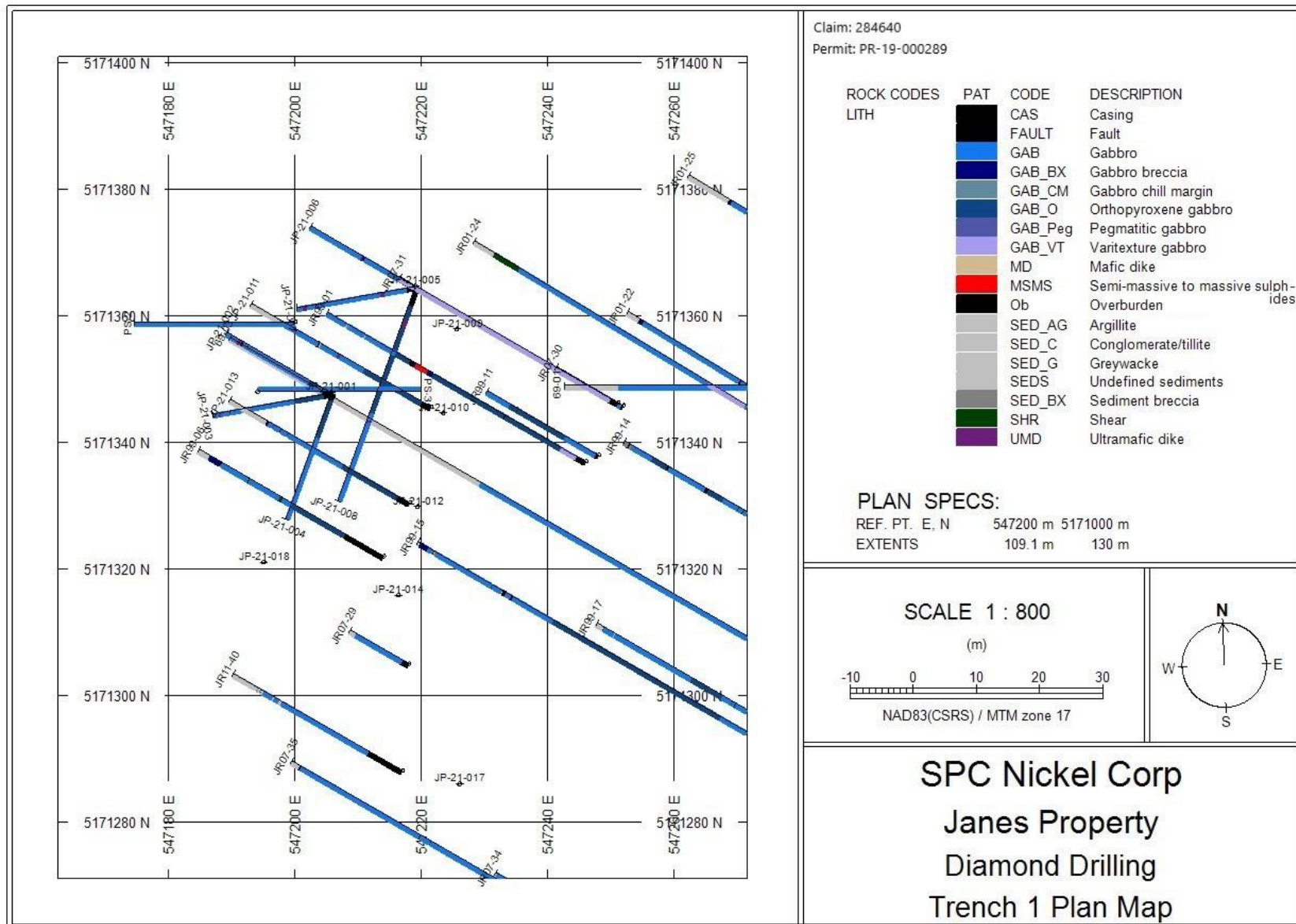
Appendix 2. Drill logs

			<p><b>Structure</b> 37.1-37.2: shear; 30° tca; 10 cm sheared UMD or talc altered shear in gabbro</p>
37.3	51	SED_C	<p>Dark grey tillite sediment with massive aphanitic matrix and infrequent 1-10 cm subrounded pink-red intrusive clasts; moderately fractured; EOH at 51 m.</p> <p><b>Alteration</b> 37.3-51: hematite; fracture-filling; weak</p>

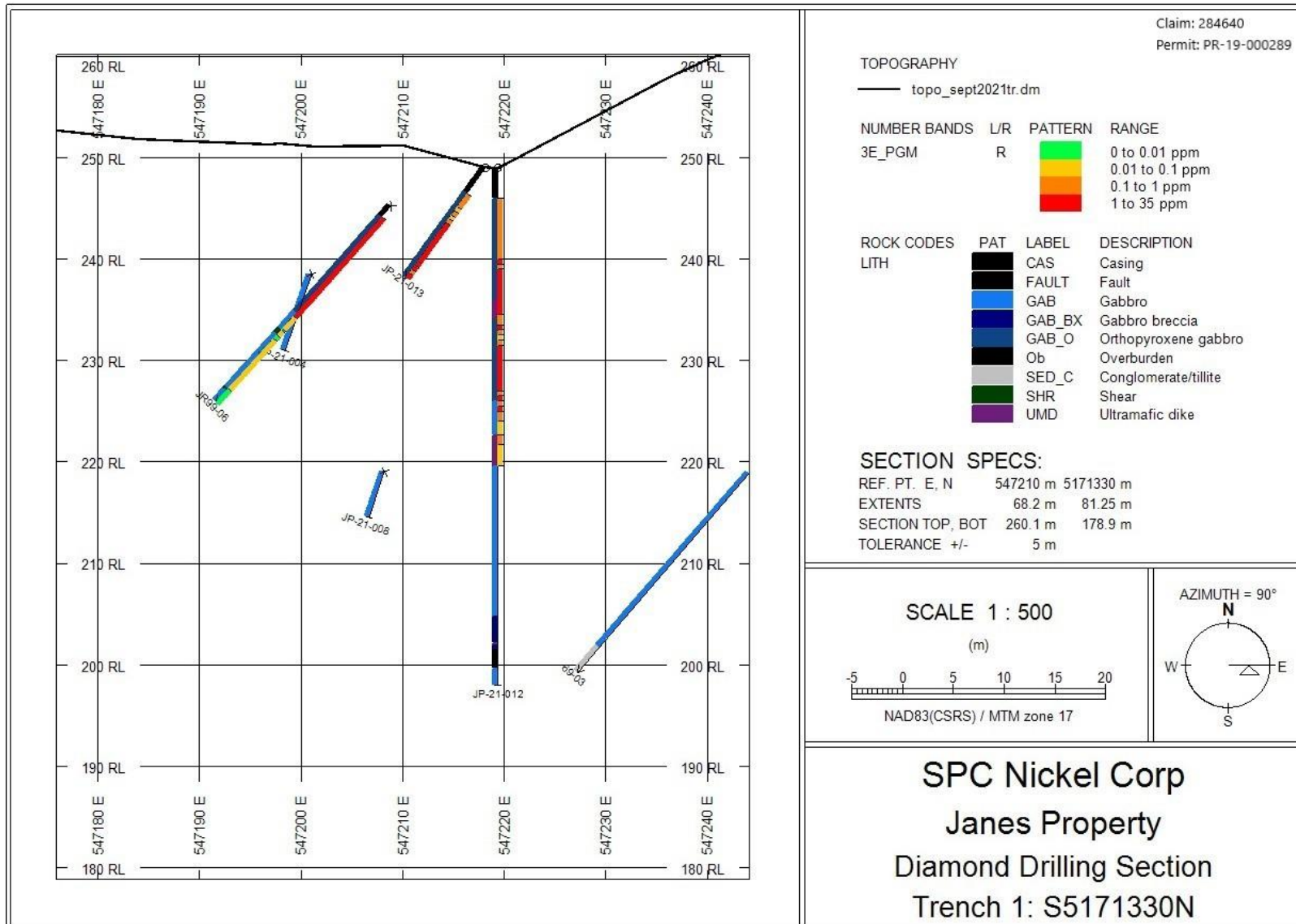
Appendix 3. Drill plans and sections



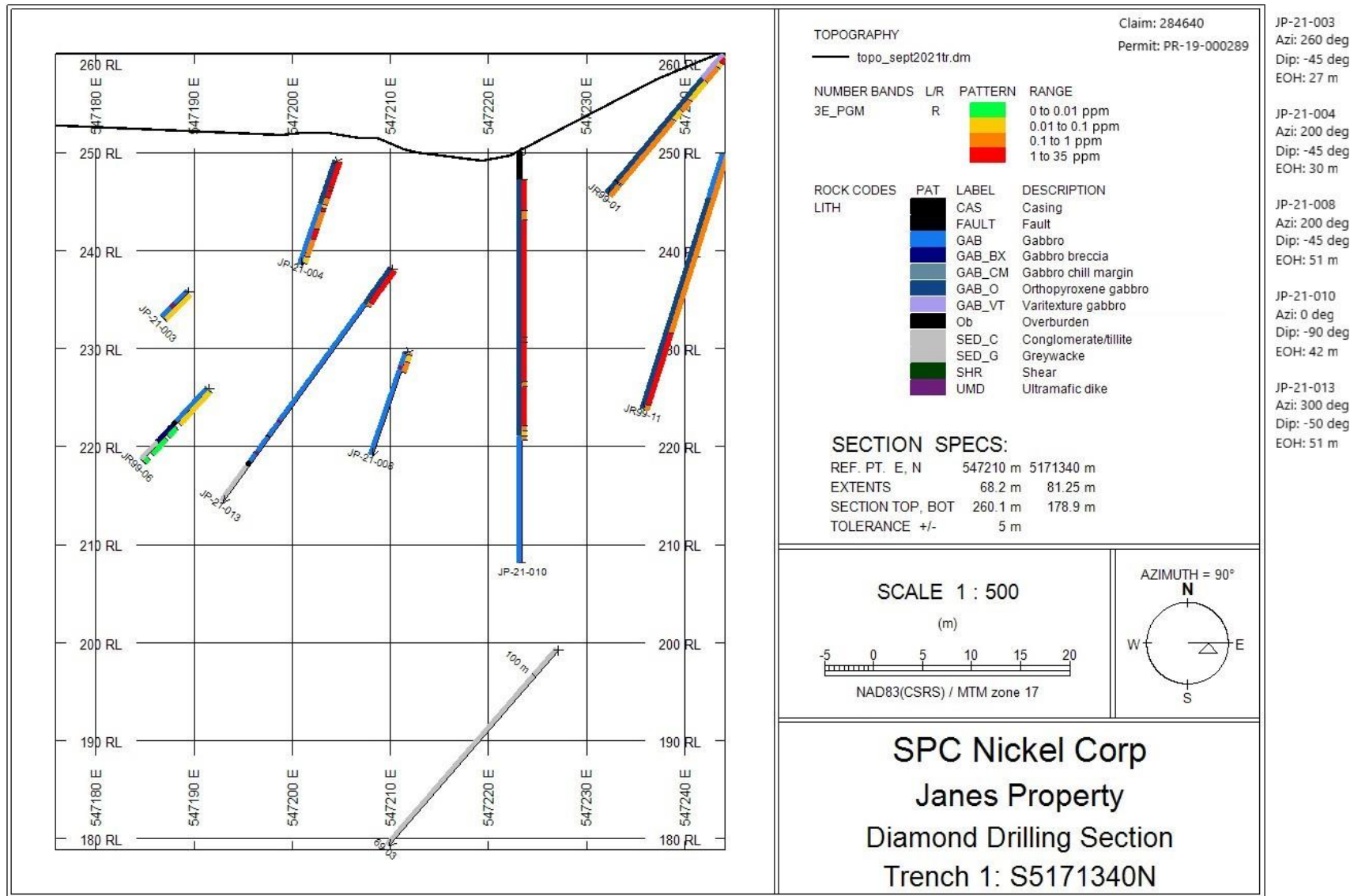
Appendix 3. Drill plans and sections



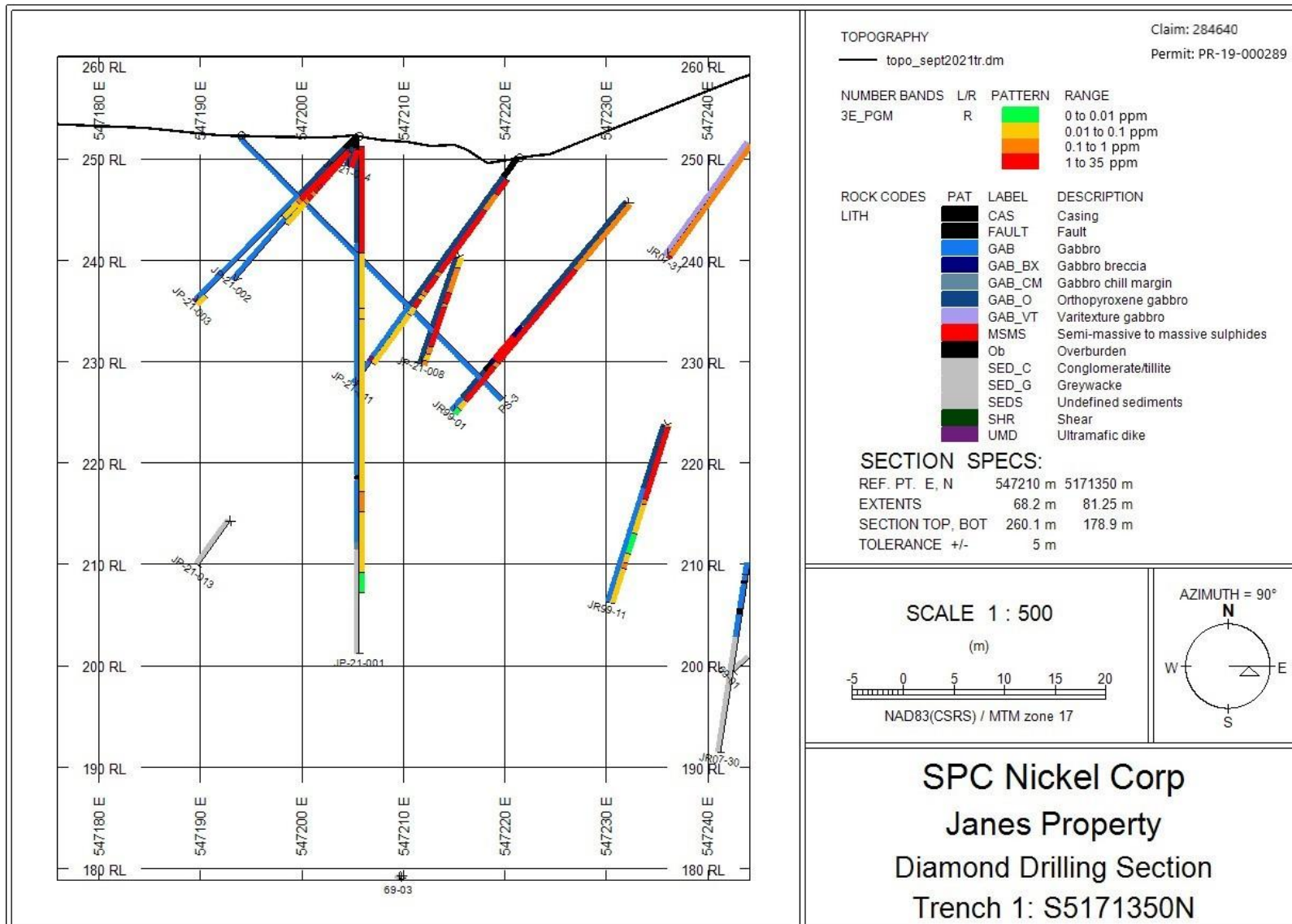
Appendix 3. Drill plans and sections



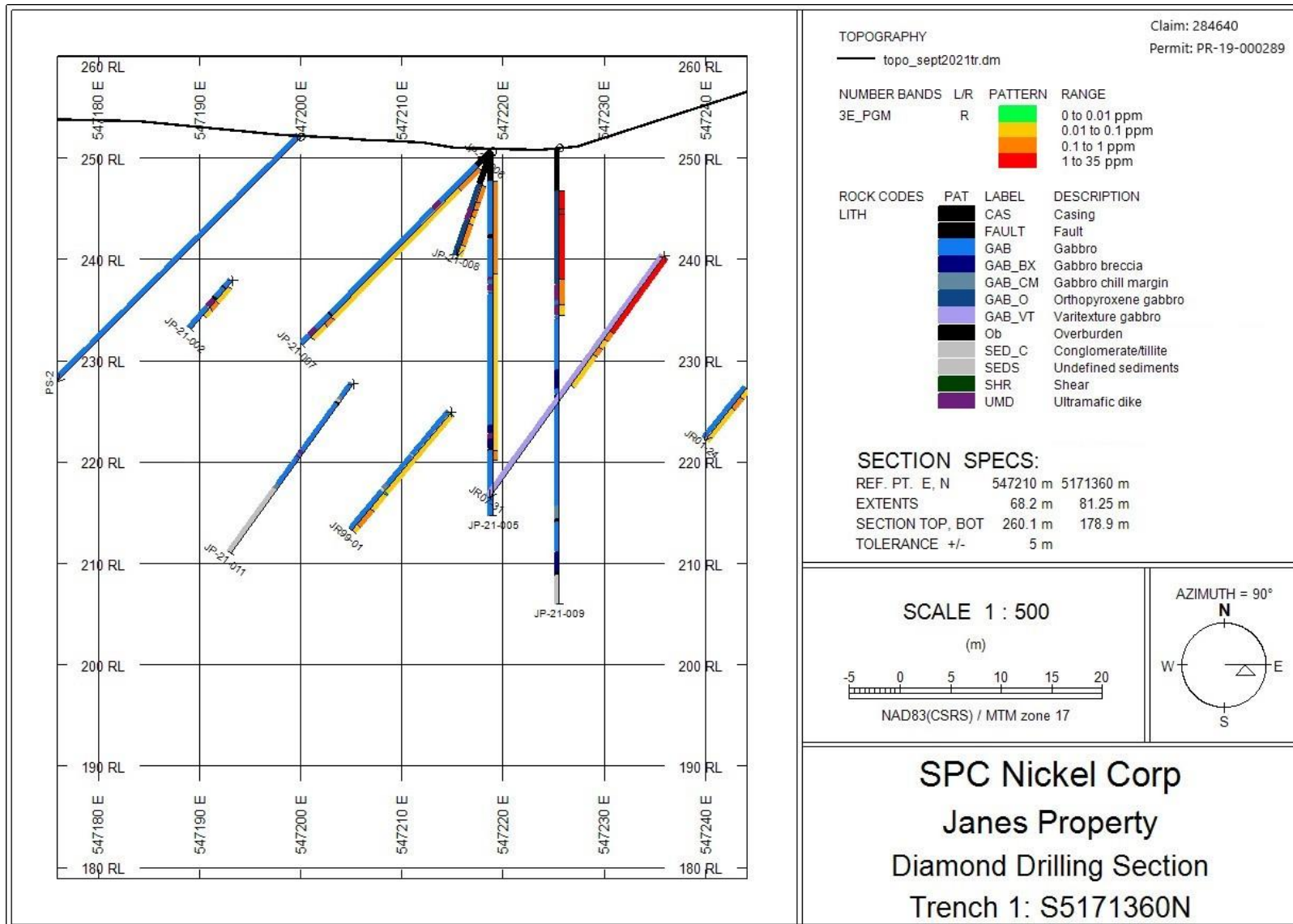
Appendix 3. Drill plans and sections



Appendix 3. Drill plans and sections

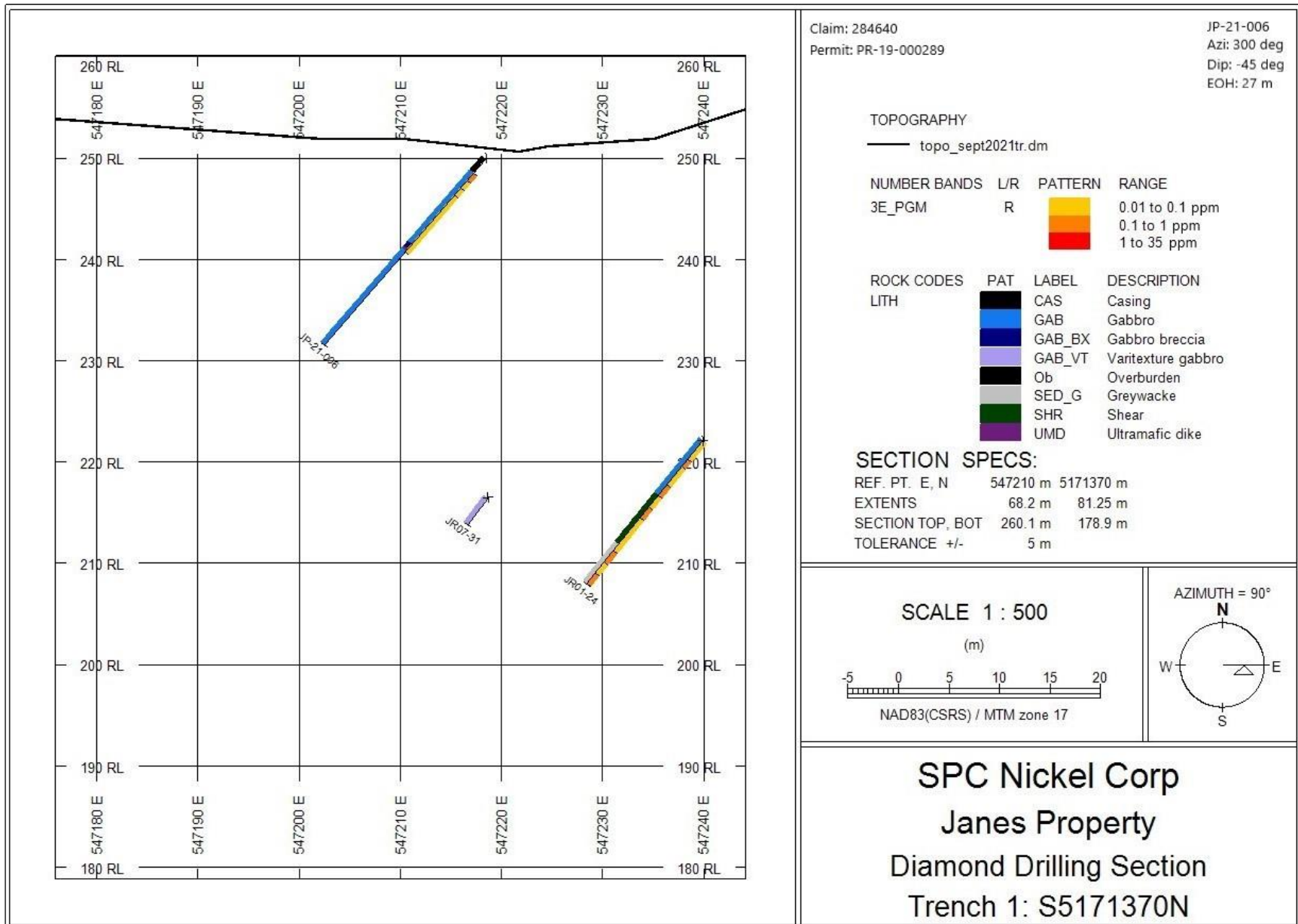


Appendix 3. Drill plans and sections

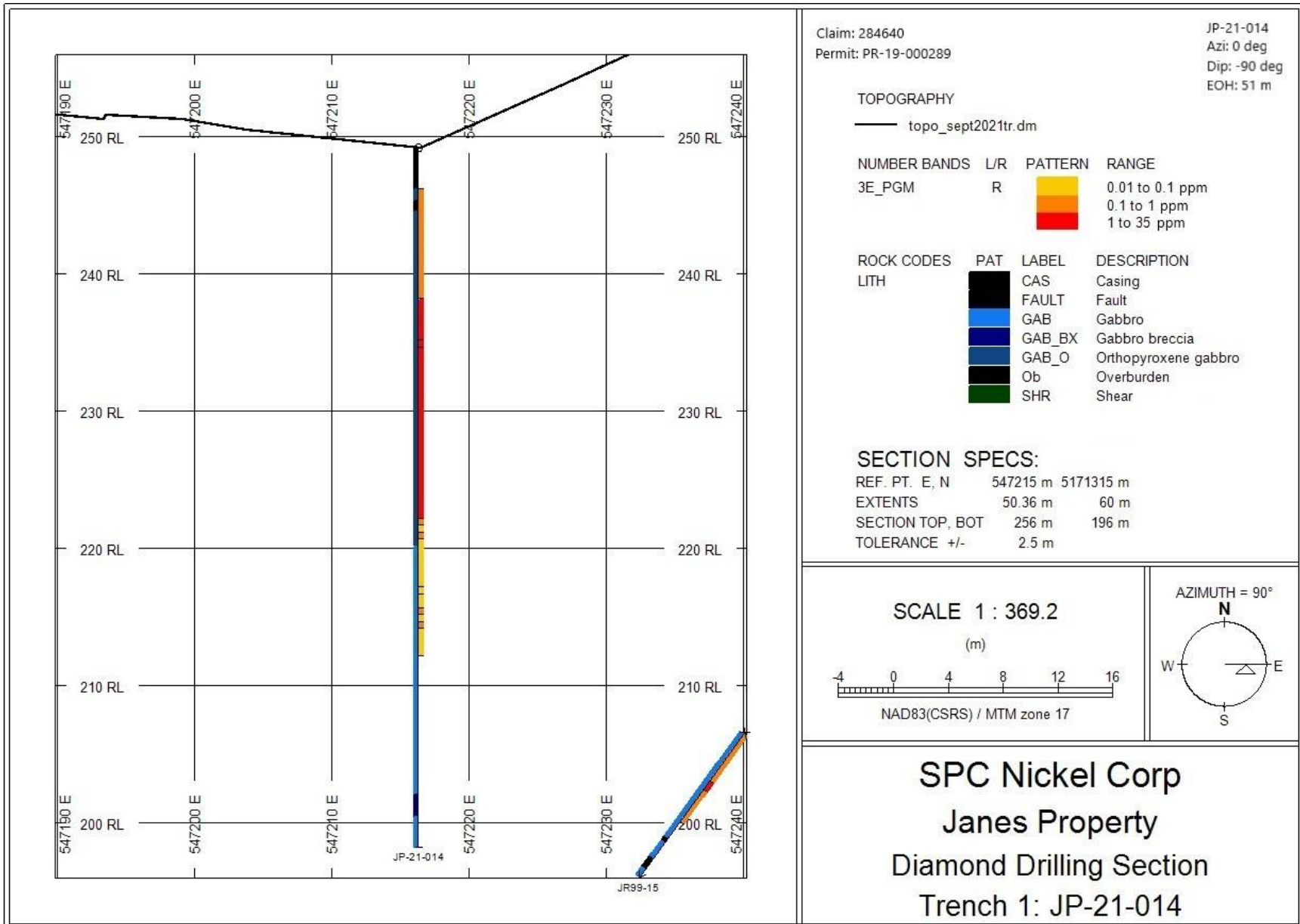




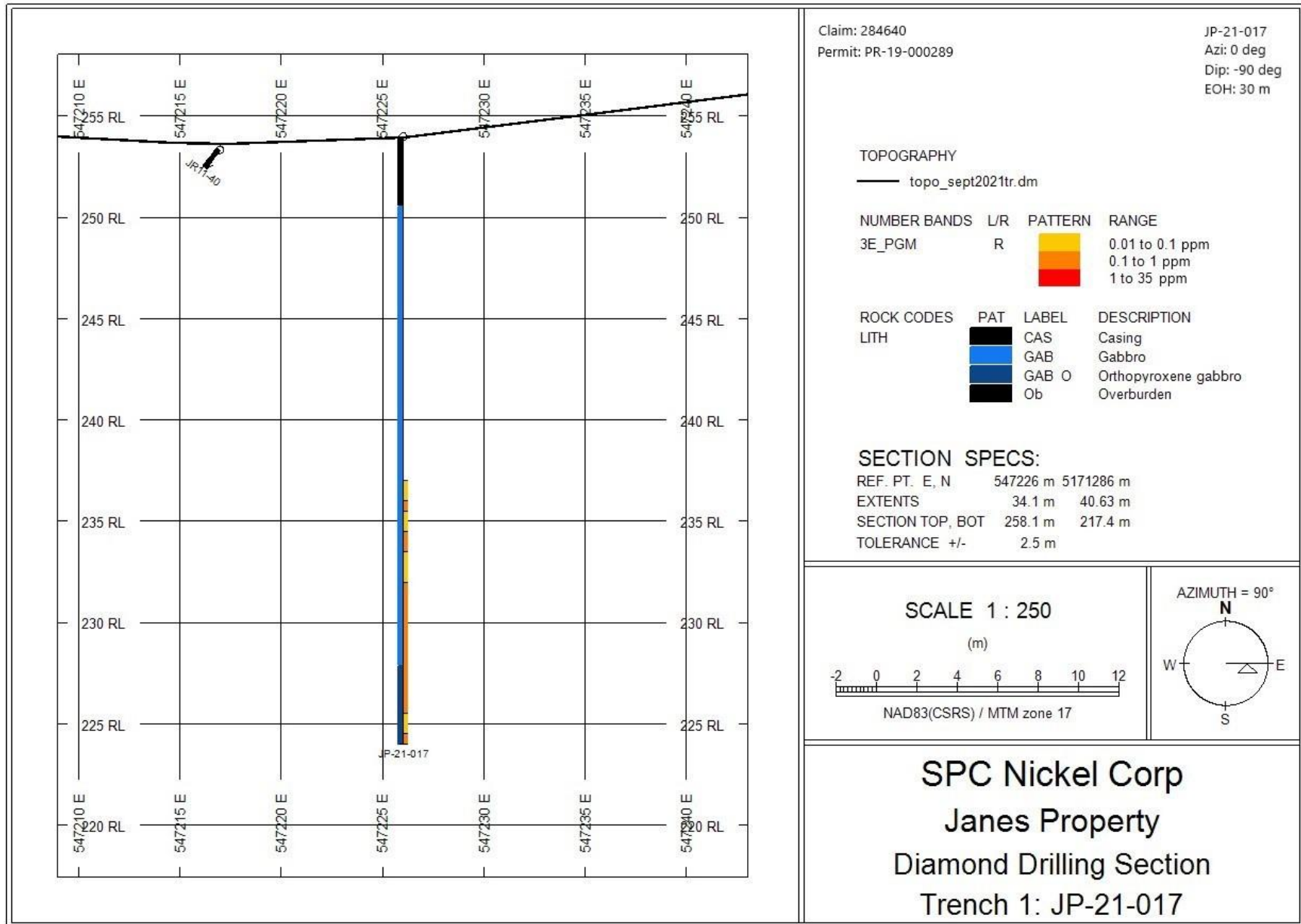
Appendix 3. Drill plans and sections



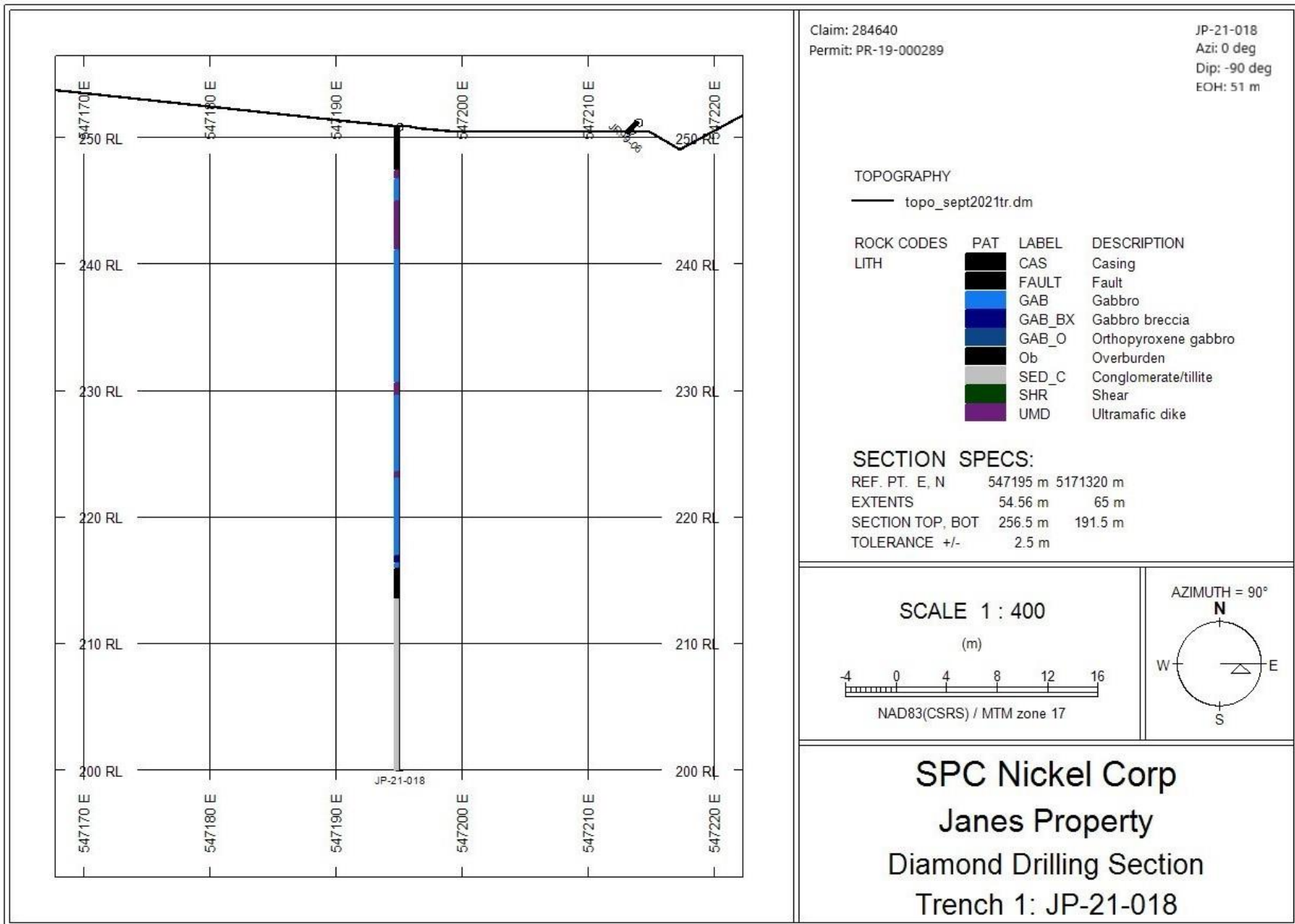
Appendix 3. Drill plans and sections



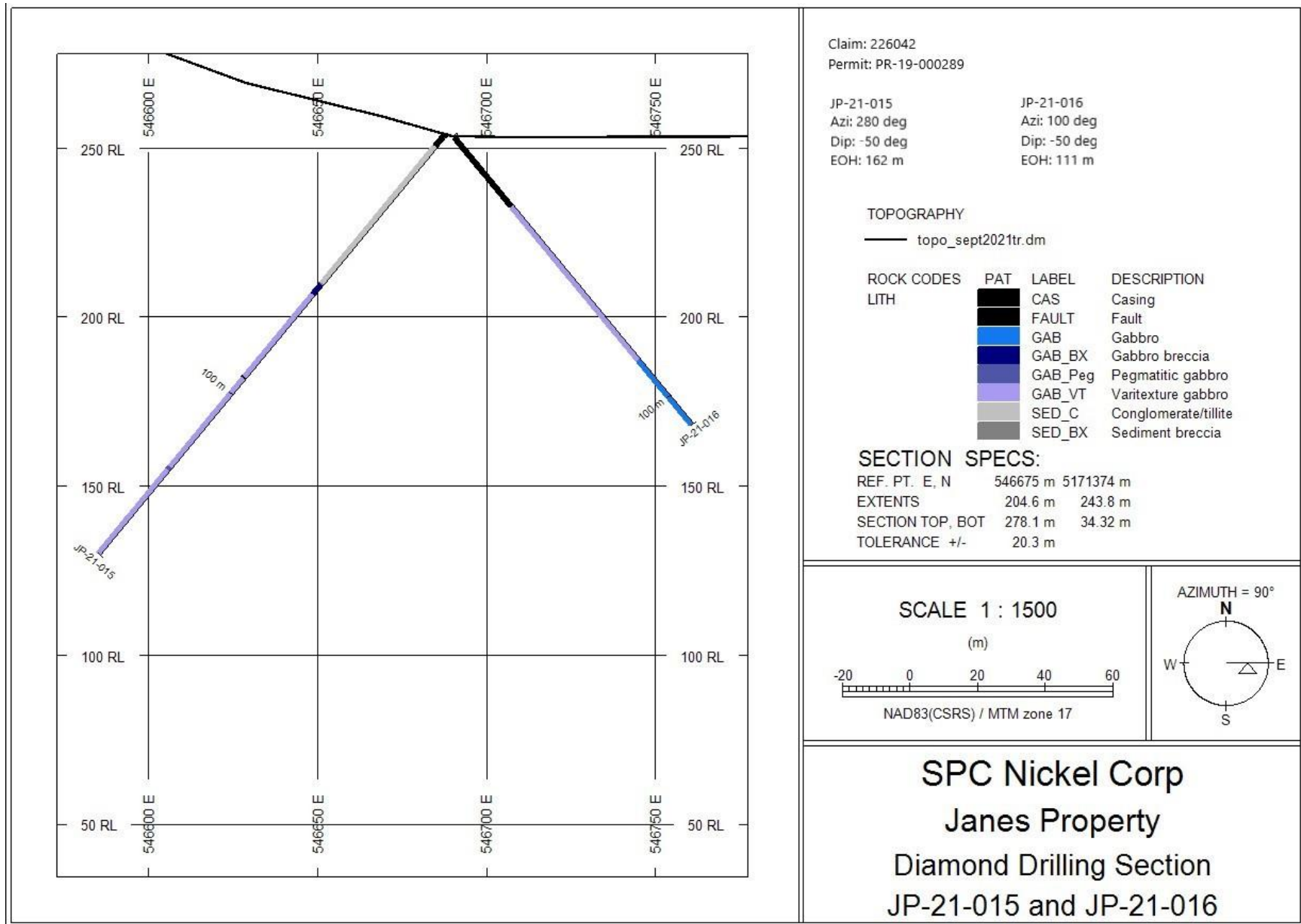
Appendix 3. Drill plans and sections



Appendix 3. Drill plans and sections



Appendix 3. Drill plans and sections



## **Appendix 4. Drilling assay certificates**



ALS Canada Ltd.  
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 North Vancouver BC V7H 0A7  
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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

Page: 1  
 Total # Pages: 3 (A - B)  
 Plus Appendix Pages  
 Finalized Date: 15-JUN-2021  
 Account: SDPTCP

**CERTIFICATE SD21136909**

Project: Janes

This report is for 61 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 31-MAY-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize up to 250g 85% <75 um
LOG-21	Sample logging - ClientBarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

Page: 2 - A  
 Total # Pages: 3 (A - B)  
 Plus Appendix Pages  
 Finalized Date: 15-JUN-2021  
 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21136909**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766501		1.19	13.00	<0.01	9.21	0.014	0.04	0.990	8.81	12.60	0.6	7.87	0.15	0.410	<0.01	2.30
C766502		0.08	6.99	<0.01	3.99	0.054	0.02	1.665	27.8	39.7	0.5	3.32	0.11	2.44	<0.01	14.30
C766503		1.10	13.40	<0.01	10.45	0.014	0.04	0.938	8.72	12.45	0.4	8.22	0.16	0.417	<0.01	2.14
C766504		1.06	13.10	0.01	9.89	0.015	0.04	1.020	8.93	12.75	0.4	8.02	0.16	0.454	<0.01	2.38
C766505		1.16	13.05	<0.01	9.99	0.016	0.04	1.075	9.11	13.00	0.4	7.90	0.16	0.522	<0.01	2.72
C766506		1.19	13.20	<0.01	10.30	0.018	0.04	1.245	9.78	14.00	0.4	8.01	0.15	0.662	<0.01	3.32
C766507		1.19	12.95	0.01	10.50	0.021	0.04	1.230	10.10	14.45	0.3	8.08	0.16	0.720	<0.01	3.33
C766508		1.25	12.45	<0.01	10.20	0.020	0.04	1.365	9.89	14.15	0.3	7.66	0.15	0.715	<0.01	3.46
C766509		1.23	12.70	<0.01	10.70	0.017	0.04	1.385	9.97	14.25	0.2	7.70	0.15	0.574	<0.01	3.09
C766510		1.24	12.45	<0.01	10.30	0.017	0.04	1.115	9.38	13.40	0.2	7.47	0.15	0.585	<0.01	2.79
C766511		1.18	12.55	0.01	9.84	0.014	0.04	0.995	9.19	13.15	0.2	7.49	0.15	0.513	<0.01	2.47
C766512		0.96	16.05	<0.01	6.56	0.004	0.01	0.006	4.96	7.09	1.3	4.44	0.11	0.005	<0.01	0.08
C766513		1.27	13.00	<0.01	10.65	0.012	0.04	0.968	9.02	12.90	0.2	7.77	0.16	0.431	<0.01	2.17
C766514		1.22	12.95	0.01	10.30	0.014	0.04	1.140	9.30	13.30	0.2	7.60	0.15	0.468	<0.01	2.50
C766515		1.21	13.10	0.01	10.10	0.014	0.04	1.005	9.38	13.40	0.2	8.07	0.15	0.553	<0.01	2.54
C766516		1.33	13.25	0.01	10.20	0.014	0.04	0.857	8.82	12.60	0.2	8.01	0.15	0.486	<0.01	2.21
C766517		1.21	13.05	0.02	9.73	0.015	0.04	1.060	9.34	13.35	0.2	7.62	0.14	0.580	<0.01	2.78
C766518		1.24	13.45	0.01	10.10	0.013	0.04	0.925	8.92	12.75	0.3	7.80	0.15	0.459	<0.01	2.21
C766519		1.20	13.70	0.02	10.35	0.007	0.04	0.736	8.38	12.00	0.3	8.02	0.15	0.360	<0.01	1.73
C766520		1.19	13.50	0.01	10.40	0.010	0.03	0.584	7.99	11.45	0.3	7.99	0.15	0.235	<0.01	1.28
C766521		1.12	13.45	0.02	10.05	0.005	0.04	0.493	7.67	10.95	0.2	7.96	0.15	0.180	0.01	1.04
C766522		0.07	10.35	0.02	5.52	0.030	0.03	0.881	18.00	25.7	0.6	5.72	0.14	1.180	<0.01	6.85
C766523		1.17	13.90	0.02	10.40	0.006	0.04	0.297	7.64	10.90	0.3	8.76	0.16	0.146	0.01	0.68
C766524		1.19	13.75	0.02	10.25	0.007	0.04	0.209	7.25	10.35	0.3	8.73	0.16	0.103	<0.01	0.50
C766525		1.15	14.00	0.02	10.15	0.002	0.04	0.014	6.90	9.86	0.3	8.58	0.16	0.015	0.01	0.04
C766526		2.31	13.70	0.02	10.40	0.002	0.04	0.010	6.74	9.63	0.3	8.60	0.16	0.015	<0.01	0.04
C766527		2.30	13.65	0.02	10.20	0.003	0.04	0.009	6.71	9.59	0.4	8.49	0.16	0.011	0.01	0.04
C766528		2.12	14.05	0.02	10.85	0.003	0.04	0.010	6.73	9.62	0.4	8.48	0.16	0.021	<0.01	0.04
C766529		1.94	13.80	0.01	10.30	0.002	0.04	0.015	6.64	9.50	0.3	8.15	0.15	0.014	<0.01	0.03
C766530		2.62	13.65	0.02	10.75	0.002	0.04	0.039	6.81	9.74	0.3	8.31	0.16	0.017	<0.01	0.11
C766531		2.38	13.85	0.02	10.80	<0.002	0.04	0.010	6.73	9.62	0.4	8.20	0.17	0.015	<0.01	0.05
C766532		<0.02	13.65	0.01	10.60	0.003	0.04	0.009	6.62	9.46	0.4	8.06	0.16	0.015	<0.01	0.04
C766533		2.38	13.90	0.01	10.75	0.003	0.04	0.007	6.70	9.58	0.3	8.17	0.16	0.012	<0.01	0.05
C766534		2.38	13.85	0.02	10.45	<0.002	0.04	0.006	6.63	9.48	0.4	8.24	0.16	0.011	<0.01	0.05
C766535		2.35	14.00	0.01	10.65	0.003	0.04	0.010	6.82	9.75	0.3	8.23	0.17	0.014	<0.01	0.06
C766536		2.34	13.75	0.02	10.70	0.003	0.04	0.008	6.68	9.55	0.4	8.06	0.17	0.013	<0.01	0.06
C766537		2.42	13.90	0.02	10.90	0.003	0.04	0.010	6.87	9.83	0.3	8.12	0.16	0.013	<0.01	0.07
C766538		2.40	13.90	0.02	10.70	0.004	0.03	0.008	6.80	9.72	0.4	7.98	0.17	0.013	<0.01	0.06
C766539		2.36	13.75	0.02	10.40	<0.002	0.03	0.009	6.73	9.63	0.3	7.89	0.16	0.010	<0.01	0.07
C766540		2.25	13.90	0.02	10.25	<0.002	0.03	0.007	6.90	9.87	0.3	8.09	0.16	0.014	<0.01	0.05





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 9C - 1351 KELLY LAKE ROAD  
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 Account: SDPTCP

Project: Janes

<b>CERTIFICATE OF ANALYSIS SD21136909</b>
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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Rh-MS25	Ag-AA45	CRU-QC	PUL-QC
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Rh	Ag	Pass2mm	Pass75um
	Units LOD	%	%	%	ppm	ppm	ppm	ppm	ppm	%	%
		0.2	0.01	0.002	0.001	0.005	0.001	0.001	0.2	0.01	0.01
C766501		47.5	0.45	0.006	0.353	0.338	2.03	0.009	3.1	92.8	96.0
C766502		27.8	0.43	0.019	0.142	0.847	0.913	0.093	5.7		
C766503		48.3	0.48	0.004	0.408	0.445	2.84	0.011	2.9		96.5
C766504		47.1	0.45	0.004	0.447	0.507	3.26	0.016	3.4		
C766505		47.1	0.43	0.004	0.521	0.681	3.83	0.016	3.4		
C766506		46.8	0.42	0.006	0.579	0.715	3.24	0.019	3.8		
C766507		46.6	0.43	0.004	0.465	0.722	3.79	0.017	3.8		
C766508		44.7	0.43	0.005	0.744	0.778	4.23	0.021	4.7		
C766509		45.6	0.42	0.005	0.578	0.744	5.77	0.017	4.5		
C766510		44.5	0.42	0.004	0.470	0.731	5.02	0.021	3.7		
C766511		45.1	0.44	0.004	0.384	0.682	4.32	0.018	3.3		
C766512		57.1	0.52	0.005	0.001	<0.005	0.018	<0.001	<0.2		
C766513		47.1	0.46	0.005	0.462	0.576	3.86	0.016	3.0		
C766514		46.8	0.45	0.008	0.448	0.702	4.73	0.022	4.0		
C766515		46.8	0.42	0.009	0.423	0.736	4.64	0.023	3.2		
C766516		47.9	0.43	0.009	0.262	0.608	4.37	0.020	2.9		
C766517		46.2	0.41	0.010	0.331	0.748	5.34	0.031	4.1		
C766518		47.7	0.44	0.009	0.353	0.687	4.63	0.025	3.1		
C766519		49.0	0.48	0.009	0.326	0.533	3.64	0.018	2.4		
C766520		49.2	0.51	0.008	0.219	0.441	3.09	0.011	2.1		
C766521		49.0	0.51	0.007	0.092	0.291	2.07	0.007	1.4		
C766522		41.1	0.61	0.014	0.162	0.531	0.585	0.052	3.7		
C766523		50.5	0.50	0.007	0.100	0.220	1.535	0.003	1.3		
C766524		51.1	0.54	0.007	0.078	0.150	1.055	0.002	0.9		
C766525		51.3	0.55	0.008	0.003	0.017	0.038	<0.001	<0.2		
C766526		51.1	0.52	0.006	0.003	0.010	0.021		<0.2		
C766527		50.9	0.54	0.007	0.003	0.013	0.017		<0.2		
C766528		51.6	0.54	0.006	0.003	0.017	0.021		<0.2		
C766529		50.7	0.54	0.006	0.003	0.015	0.017		<0.2		
C766530		50.9	0.53	0.006	0.011	0.018	0.030		0.2		
C766531		50.9	0.53	0.007	0.004	0.013	0.014		<0.2		
C766532		50.3	0.53	0.006	0.003	0.017	0.015		<0.2		
C766533		50.9	0.54	0.006	0.001	0.014	0.013		<0.2	93.0	
C766534		50.9	0.54	0.008	0.003	0.008	0.012		<0.2		
C766535		51.3	0.53	0.007	0.002	0.013	0.013		<0.2		
C766536		50.7	0.54	0.008	0.002	0.014	0.012		<0.2		
C766537		51.6	0.56	0.008	0.002	0.013	0.011		<0.2		
C766538		51.3	0.55	0.010	0.002	0.012	0.012		<0.2		
C766539		50.5	0.56	0.007	0.003	0.014	0.012		<0.2		87.0
C766540		51.1	0.56	0.015	0.002	0.012	0.013		<0.2	92.7	97.1



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21136909**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766541		2.29	13.95	0.02	10.40	0.003	0.03	0.007	6.93	9.91	0.3	8.11	0.17	0.011	<0.01	0.06
C766542		0.08	12.20	0.03	7.15	0.018	0.04	0.343	10.90	15.55	0.6	7.10	0.16	0.310	<0.01	1.73
C766543		2.31	13.75	0.02	10.35	0.003	0.03	0.008	6.91	9.88	0.4	8.26	0.16	0.014	<0.01	0.07
C766544		2.19	13.45	0.02	10.05	0.004	0.03	0.006	6.87	9.83	0.3	7.81	0.16	0.014	<0.01	0.07
C766545		2.05	13.80	0.02	10.10	0.003	0.03	0.008	6.96	9.96	0.3	7.96	0.16	0.011	<0.01	0.06
C766546		2.49	13.80	0.01	10.50	0.003	0.03	0.008	7.09	10.15	0.3	7.87	0.18	0.011	<0.01	0.05
C766547		2.51	13.80	0.01	9.80	0.002	0.02	0.009	7.05	10.10	0.3	7.89	0.16	0.014	<0.01	0.06
C766548		2.36	13.70	0.02	9.87	<0.002	0.02	0.014	6.88	9.84	0.1	7.50	0.16	0.012	0.01	0.06
C766549		2.19	13.30	0.02	6.52	0.002	0.03	0.006	7.30	10.45	0.6	9.29	0.15	0.010	<0.01	0.02
C766550		2.54	14.20	<0.01	11.95	0.002	0.04	0.009	6.94	9.92	0.5	8.74	0.18	0.014	<0.01	0.05
C766551		2.67	13.80	<0.01	10.65	0.002	0.04	0.015	7.17	10.25	0.7	9.25	0.17	0.017	<0.01	0.04
C766552		1.04	16.40	<0.01	6.48	<0.002	0.01	<0.002	5.03	7.19	1.1	4.71	0.11	0.004	<0.01	0.03
C766553		2.41	14.10	0.01	11.10	0.004	0.04	0.022	7.08	10.10	0.9	8.90	0.17	0.027	<0.01	0.13
C766554		2.41	13.80	0.01	11.40	0.003	0.03	0.010	7.16	10.25	0.2	8.37	0.16	0.013	<0.01	0.06
C766555		2.41	14.05	<0.01	11.35	0.002	0.03	0.010	7.50	10.70	0.3	8.19	0.17	0.015	<0.01	0.08
C766556		2.43	14.30	0.01	11.55	0.003	0.03	0.010	7.66	10.95	0.2	8.23	0.17	0.015	<0.01	0.07
C766557		1.70	13.80	<0.01	8.98	0.002	0.02	0.015	7.22	10.30	0.5	9.80	0.18	0.014	<0.01	0.08
C766558		2.70	13.90	<0.01	3.16	0.002	0.02	0.004	6.73	9.62	1.8	7.92	0.14	0.010	<0.01	0.03
C766559		2.16	14.80	<0.01	2.45	<0.002	0.02	0.005	5.08	7.26	1.5	4.48	0.09	0.007	<0.01	0.02
C766560		2.22	14.40	0.01	2.92	<0.002	0.02	0.007	3.46	4.95	1.7	2.97	0.06	0.006	<0.01	0.05
C766561		2.14	14.75	<0.01	2.88	<0.002	0.02	<0.002	3.73	5.33	1.7	2.43	0.05	0.007	<0.01	0.06



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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Rh-MS25	Ag-AA45	CRU-QC	PUL-QC
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Rh	Ag	Pass2mm	Pass75um
	Units	%	%	%	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.2	0.01	0.002	0.001	0.005	0.001	0.001	0.2	0.01	0.01
C766541		51.1	0.56	0.011	0.001	0.014	0.016		<0.2		
C766542		48.1	0.72	0.010	0.175	0.323	0.362		1.9		
C766543		50.9	0.56	0.021	0.003	0.013	0.013		<0.2		
C766544		50.5	0.55	0.013	0.002	0.014	0.013		<0.2		
C766545		50.9	0.58	0.008	0.003	0.015	0.013		<0.2		
C766546		51.3	0.58	0.011	0.002	0.012	0.014		<0.2		
C766547		50.9	0.58	0.009	0.003	0.013	0.012		<0.2		
C766548		50.1	0.57	0.013	0.002	0.011	0.012		<0.2		
C766549		50.5	0.53	0.009	0.004	0.011	0.017		<0.2		
C766550		53.3	0.54	0.008	0.002	0.012	0.020		<0.2		
C766551		52.6	0.55	0.006	0.005	0.020	0.091		<0.2		
C766552		60.1	0.54	0.004	<0.001	<0.005	<0.001		<0.2		
C766553		53.5	0.55	0.007	0.012	0.024	0.221		<0.2		
C766554		52.6	0.57	0.006	0.003	0.014	0.021		<0.2		
C766555		53.5	0.60	0.006	0.003	0.015	0.013		<0.2		
C766556		54.5	0.62	0.006	0.002	0.015	0.014		<0.2		
C766557		46.2	0.60	0.011	0.013	0.016	0.041		<0.2		
C766558		57.1	0.57	0.008	0.001	0.010	0.028		<0.2		
C766559		63.5	0.58	0.006	<0.001	0.007	0.005		<0.2		
C766560		66.5	0.53	0.002	0.002	0.005	0.001		<0.2		
C766561		67.4	0.56	<0.002	<0.001	<0.005	0.001		<0.2		



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**CERTIFICATE OF ANALYSIS SD21136909**

**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-21                                      LOG-21d LOG-23                                      PUL-31                                      PUL-31d                                      PUL-QC SPL-21                                      SPL-21d                                      WEI-21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Ag-AA45                                      ME-ICP81                                      PGM-ICP23                                      Rh-MS25	



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**CERTIFICATE SD21146739**

Project: Janes

This report is for 83 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 9-JUN-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
SPL-21	Split sample - riffle splitter
PUL-31d	Pulverize Split - duplicate
PUL-31	Pulverize up to 250g 85% <75 um
LOG-21	Sample logging - ClientBarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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**CERTIFICATE OF ANALYSIS SD21146739**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
C766562		1.40	13.10	0.01	10.40	0.015	0.04	1.135	9.46	13.50	0.4	7.79	0.16	0.512	<0.01	2.82
C766563		0.07	7.15	0.01	3.97	0.054	0.02	1.715	28.3	40.5	0.6	3.39	0.11	2.49	0.01	14.55
C766564		1.08	12.80	0.01	9.99	0.016	0.04	1.310	9.72	13.90	0.5	7.89	0.16	0.572	0.01	3.15
C766565		1.17	12.90	0.01	9.61	0.015	0.04	1.125	9.91	14.15	0.4	7.97	0.16	0.626	<0.01	3.04
C766566		1.27	12.40	0.01	9.67	0.017	0.04	1.520	9.97	14.25	0.3	7.60	0.15	0.657	0.01	3.36
C766567		1.26	12.45	0.02	9.74	0.022	0.03	1.305	10.10	14.45	0.2	7.48	0.15	0.786	<0.01	3.38
C766568		1.18	12.75	0.01	10.05	0.014	0.04	1.160	9.44	13.50	0.3	7.63	0.15	0.528	<0.01	2.73
C766569		1.17	13.00	<0.01	10.55	0.015	0.04	1.095	9.56	13.65	0.2	7.63	0.15	0.561	<0.01	2.64
C766570		1.24	13.40	0.01	10.55	0.010	0.04	0.744	8.64	12.35	0.2	7.81	0.15	0.388	0.01	1.78
C766571		1.19	13.70	0.01	10.00	0.005	0.04	0.425	7.93	11.35	0.2	8.56	0.16	0.211	<0.01	0.92
C766572		1.06	14.10	<0.01	10.50	0.004	0.03	0.369	7.58	10.85	0.3	8.10	0.16	0.150	<0.01	0.75
C766573		<0.02	14.25	0.01	10.65	0.004	0.03	0.370	7.63	10.90	0.3	8.10	0.16	0.152	<0.01	0.73
C766574		0.96	14.25	0.01	10.95	0.004	0.03	0.203	7.43	10.60	0.4	8.17	0.17	0.088	<0.01	0.43
C766575		1.15	14.05	<0.01	10.75	<0.002	0.04	0.109	7.12	10.20	0.4	8.55	0.17	0.053	<0.01	0.22
C766576		1.02	13.95	0.01	10.60	0.004	0.04	0.144	6.99	9.99	0.4	8.75	0.16	0.069	<0.01	0.30
C766577		0.96	14.25	0.01	10.95	<0.002	0.04	0.061	6.94	9.92	0.5	8.69	0.17	0.041	<0.01	0.20
C766578		2.41	14.05	0.01	10.85	<0.002	0.03	0.010	6.93	9.90	0.5	8.60	0.17	0.014	<0.01	0.05
C766579		2.31	14.20	0.01	10.95	<0.002	0.03	0.009	7.03	10.05	0.5	8.63	0.17	0.014	<0.01	0.07
C766580		2.34	14.15	<0.01	11.05	0.002	0.04	0.009	7.00	10.00	0.4	8.52	0.17	0.015	<0.01	0.07
C766581		1.37	13.25	0.01	10.05	0.014	0.04	1.060	9.08	12.95	0.4	8.06	0.15	0.473	<0.01	2.57
C766582		1.17	13.60	<0.01	10.45	0.014	0.04	1.025	9.45	13.50	0.4	8.09	0.16	0.501	<0.01	2.52
C766583		0.08	10.40	0.01	5.55	0.033	0.03	0.878	18.00	25.7	0.6	5.71	0.14	1.185	<0.01	6.86
C766584		1.28	13.50	0.01	10.65	0.012	0.04	0.995	9.48	13.55	0.4	7.90	0.16	0.484	<0.01	2.60
C766585		1.11	13.55	0.01	10.50	0.015	0.04	1.015	9.86	14.10	0.3	7.90	0.16	0.537	<0.01	2.88
C766586		1.25	13.40	0.01	10.30	0.017	0.04	1.100	10.05	14.35	0.4	8.08	0.16	0.602	<0.01	3.01
C766587		1.07	13.05	<0.01	9.60	0.011	0.04	0.924	8.88	12.70	0.3	7.54	0.15	0.425	<0.01	2.17
C766588		1.22	13.95	0.01	10.05	0.013	0.03	0.864	9.16	13.10	0.4	7.90	0.16	0.463	<0.01	2.16
C766589		1.06	13.90	0.01	10.30	0.010	0.04	0.693	8.66	12.40	0.3	7.98	0.15	0.356	<0.01	1.64
C766590		1.15	14.00	0.01	10.75	0.008	0.03	0.539	8.24	11.80	0.3	7.87	0.16	0.270	<0.01	1.30
C766591		1.10	13.90	0.01	11.10	0.005	0.04	0.408	7.77	11.10	0.3	8.18	0.16	0.191	<0.01	0.90
C766592		1.15	13.90	0.01	10.60	0.003	0.04	0.211	7.23	10.35	0.3	8.36	0.16	0.113	<0.01	0.49
C766593		0.71	16.25	0.01	5.95	<0.002	0.01	0.004	5.06	7.23	1.3	4.70	0.12	0.015	<0.01	0.07
C766594		1.17	14.05	<0.01	11.25	0.006	0.04	0.392	7.89	11.30	0.4	8.28	0.16	0.203	<0.01	0.99
C766595		1.18	14.10	<0.01	10.85	0.005	0.04	0.266	7.56	10.80	0.4	8.24	0.16	0.138	<0.01	0.65
C766596		1.55	14.05	0.01	11.25	0.002	0.04	0.038	6.88	9.84	0.4	8.56	0.17	0.024	<0.01	0.09
C766597		2.30	14.35	0.01	11.45	0.002	0.04	0.011	6.83	9.76	0.4	8.72	0.16	0.016	<0.01	0.06
C766598		2.06	14.15	0.01	11.10	0.003	0.04	0.011	6.83	9.77	0.4	8.99	0.16	0.013	<0.01	0.05
C766599		1.62	13.45	<0.01	10.20	0.012	0.04	0.891	8.69	12.45	0.4	8.30	0.16	0.383	<0.01	2.16
C766600		1.19	13.30	<0.01	10.15	0.016	0.04	1.160	9.78	14.00	0.3	8.16	0.15	0.552	<0.01	3.04
C766601		1.13	13.60	<0.01	10.70	0.014	0.04	1.015	8.93	12.75	0.3	7.80	0.15	0.440	<0.01	2.43



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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

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Project: Janes

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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	PUL-QC	CRU-QC
	Analyte Units LOD	SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass75um %	Pass2mm %
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C766562		47.1	0.47	0.005	0.576	0.768	4.76	4.4	93.1	72.5
C766563		28.9	0.45	0.020	0.156	0.872	0.923	5.7		
C766564		46.2	0.45	0.006	0.587	0.798	4.05	4.3	91.2	
C766565		46.8	0.45	0.007	0.489	0.796	5.27	4.0		
C766566		45.4	0.44	0.009	1.570	0.875	7.23	4.8		
C766567		46.6	0.44	0.010	1.495	0.784	6.54	5.0		
C766568		46.4	0.46	0.008	2.25	0.852	5.61	3.9		
C766569		46.6	0.48	0.008	0.533	0.830	6.54	3.5		
C766570		47.9	0.48	0.007	0.232	0.565	3.98	2.5		
C766571		51.1	0.49	0.006	0.149	0.293	2.18	1.7		
C766572		51.6	0.54	0.006	0.134	0.293	1.815	1.4		
C766573		51.8	0.54	0.006	0.122	0.252	1.795	1.2		
C766574		53.3	0.54	0.005	0.073	0.145	1.015	0.7		
C766575		52.8	0.53	0.007	0.046	0.102	0.571	0.5		
C766576		52.0	0.51	0.007	0.068	0.131	0.847	0.6		
C766577		53.3	0.52	0.006	0.023	0.072	0.258	0.4		
C766578		52.8	0.54	0.006	0.004	0.012	0.016	<0.2		
C766579		53.7	0.55	0.006	0.003	0.013	0.018	<0.2		
C766580		53.5	0.57	0.007	0.002	0.012	0.013	<0.2		
C766581		49.0	0.44	0.007	0.526	0.576	3.43	3.4		
C766582		49.8	0.48	0.006	0.505	0.538	3.56	3.2		
C766583		41.9	0.61	0.015	0.178	0.528	0.604	3.6		
C766584		49.6	0.46	0.006	0.487	0.593	4.13	3.2		
C766585		49.4	0.47	0.007	0.454	0.707	4.63	3.3		
C766586		49.4	0.45	0.008	0.546	0.739	4.98	3.7		
C766587		47.7	0.45	0.007	0.359	0.561	4.04	3.2		
C766588		50.5	0.50	0.007	0.290	0.585	3.78	2.8		
C766589		50.1	0.48	0.007	0.284	0.480	3.27	2.5		
C766590		50.7	0.50	0.007	0.183	0.339	2.52	1.9		
C766591		51.3	0.51	0.006	0.165	0.306	1.950	1.4		
C766592		51.1	0.48	0.005	0.080	0.154	0.992	0.8		
C766593		59.3	0.53	0.006	0.001	<0.005	0.015	0.2		
C766594		52.2	0.53	0.008	0.147	0.290	1.935	1.6		
C766595		52.0	0.53	0.007	0.095	0.180	1.230	1.1		
C766596		53.3	0.52	0.005	0.018	0.031	0.166	0.3		
C766597		53.9	0.53	0.006	0.003	0.014	0.028	<0.2		
C766598		53.5	0.52	0.005	0.001	0.013	0.016	<0.2		
C766599		49.6	0.45	0.006	0.441	0.425	2.36	3.2		
C766600		49.0	0.45	0.007	0.442	0.468	3.04	3.7		
C766601		49.2	0.46	0.006	0.517	0.494	2.73	3.4	95.4	72.6



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**CERTIFICATE OF ANALYSIS SD21146739**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766602		1.04	13.60	0.01	10.40	0.013	0.04	1.150	9.33	13.35	0.4	7.89	0.16	0.474	<0.01	2.59
C766603		0.07	7.27	0.01	3.97	0.055	0.02	1.720	29.1	41.6	0.6	3.44	0.12	2.57	<0.01	14.75
C766604		1.25	13.45	0.01	10.30	0.015	0.04	1.105	9.58	13.70	0.4	7.75	0.15	0.557	<0.01	2.89
C766605		1.13	13.60	<0.01	10.35	0.013	0.04	1.160	9.31	13.30	0.4	7.71	0.15	0.470	<0.01	2.62
C766606		1.10	13.55	0.01	10.40	0.013	0.04	1.025	9.18	13.15	0.3	7.81	0.16	0.454	<0.01	2.41
C766607		1.20	13.80	0.01	11.20	0.010	0.04	0.886	8.71	12.45	0.4	7.99	0.15	0.384	<0.01	2.03
C766608		1.35	13.55	0.01	10.70	0.012	0.04	0.983	9.18	13.10	0.3	7.94	0.15	0.464	<0.01	2.39
C766609		1.03	13.60	0.01	10.90	0.013	0.04	0.833	8.78	12.55	0.3	8.03	0.15	0.389	<0.01	1.93
C766610		1.17	14.00	0.01	11.10	0.008	0.04	0.732	8.32	11.90	0.4	7.94	0.15	0.333	<0.01	1.64
C766611		1.20	14.30	0.01	11.50	0.008	0.04	0.582	8.08	11.55	0.4	7.98	0.16	0.276	0.01	1.38
C766612		1.20	14.25	0.01	11.85	0.008	0.04	0.482	7.86	11.25	0.5	7.99	0.16	0.236	<0.01	1.16
C766613		<0.02	14.15	<0.01	11.50	0.007	0.04	0.444	7.64	10.90	0.4	7.89	0.16	0.199	<0.01	1.01
C766614		1.13	14.20	<0.01	11.65	0.006	0.04	0.394	7.60	10.85	0.3	7.99	0.16	0.187	<0.01	0.92
C766615		1.21	14.20	0.01	11.30	0.007	0.04	0.418	7.78	11.10	0.3	8.21	0.16	0.207	<0.01	1.00
C766616		1.20	14.15	0.01	11.60	0.004	0.04	0.141	6.91	9.88	0.4	8.06	0.16	0.072	<0.01	0.31
C766617		1.26	14.40	<0.01	11.65	0.003	0.04	0.031	6.67	9.54	0.4	8.41	0.16	0.023	<0.01	0.04
C766618		1.10	13.35	<0.01	12.55	0.004	0.04	0.013	6.35	9.08	0.3	8.04	0.16	0.017	<0.01	0.01
C766619		1.15	14.15	0.01	11.75	0.002	0.04	0.193	6.81	9.74	0.3	8.22	0.16	0.072	<0.01	0.35
C766620		1.13	14.45	<0.01	12.20	0.004	0.04	0.119	6.79	9.71	0.4	8.27	0.16	0.045	<0.01	0.20
C766621		1.21	14.25	<0.01	11.35	0.002	0.04	0.106	6.66	9.52	0.4	8.16	0.16	0.043	<0.01	0.17
C766622		1.22	14.30	<0.01	11.80	0.003	0.04	0.128	6.84	9.78	0.4	8.27	0.17	0.055	<0.01	0.25
C766623		0.06	12.20	0.01	7.60	0.019	0.03	0.343	10.95	15.65	0.7	7.11	0.16	0.310	<0.01	1.74
C766624		1.26	14.30	0.01	11.60	<0.002	0.04	0.055	6.59	9.42	0.4	8.24	0.16	0.030	<0.01	0.12
C766625		1.18	14.25	<0.01	11.70	0.003	0.05	0.031	6.64	9.49	0.4	8.56	0.16	0.022	<0.01	0.05
C766626		1.23	13.95	<0.01	11.20	0.004	0.04	0.234	7.07	10.10	0.4	8.46	0.16	0.116	<0.01	0.51
C766627		1.19	13.65	<0.01	11.25	0.007	0.04	0.431	7.49	10.70	0.4	8.49	0.16	0.209	<0.01	0.98
C766628		1.21	13.10	<0.01	11.20	0.005	0.04	0.394	7.69	11.00	0.2	9.10	0.16	0.176	<0.01	0.86
C766629		1.21	14.15	<0.01	11.15	0.003	0.04	0.064	6.58	9.41	0.4	8.76	0.16	0.040	<0.01	0.13
C766630		1.18	14.25	<0.01	11.60	0.002	0.04	0.050	6.35	9.08	0.4	8.51	0.15	0.024	<0.01	0.09
C766631		1.11	13.95	<0.01	11.30	0.003	0.04	0.109	6.64	9.49	0.4	8.57	0.16	0.037	<0.01	0.24
C766632		2.50	14.20	<0.01	11.80	0.005	0.04	0.024	6.58	9.41	0.5	8.52	0.16	0.015	<0.01	0.08
C766633		0.91	15.00	<0.01	6.59	<0.002	<0.01	0.002	5.54	7.92	1.5	3.23	0.14	<0.002	<0.01	0.05
C766634		2.30	14.15	0.01	11.15	0.002	0.04	0.010	6.55	9.36	0.4	8.41	0.16	0.014	<0.01	0.03
C766635		2.13	13.80	<0.01	9.93	0.002	0.04	0.010	6.66	9.52	0.4	9.14	0.14	0.013	<0.01	0.05
C766636		1.82	13.90	<0.01	8.81	0.003	0.03	0.016	6.70	9.58	0.4	9.30	0.14	0.012	<0.01	0.05
C766637		2.20	16.20	0.01	2.94	0.002	0.04	0.005	7.68	11.00	0.3	21.7	0.16	0.021	<0.01	<0.01
C766638		1.78	13.60	<0.01	9.46	<0.002	0.03	0.007	6.33	9.05	1.0	8.49	0.14	0.013	<0.01	0.05
C766639		2.14	13.90	<0.01	11.50	0.003	0.04	0.009	6.83	9.76	0.4	8.47	0.16	0.015	<0.01	0.03
C766640		1.13	15.15	<0.01	5.26	0.003	0.04	0.004	6.31	9.02	0.4	17.50	0.15	0.014	<0.01	0.02
C766641		2.17	14.15	<0.01	11.50	0.004	0.04	0.011	6.84	9.78	0.4	8.51	0.15	0.014	<0.01	0.06





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Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	PUL-QC	CRU-QC
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass75um %	Pass2mm %
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C766602		49.2	0.45	0.007	0.440	0.486	2.86	3.7	93.2	
C766603		30.2	0.45	0.022	0.142	0.867	0.898	5.7		
C766604		48.1	0.43	0.008	0.492	0.514	3.09	3.8		
C766605		48.6	0.43	0.007	0.497	0.521	2.96	3.7		
C766606		49.0	0.45	0.007	0.419	0.498	2.94	3.4		
C766607		50.3	0.48	0.006	0.397	0.469	2.82	2.8		
C766608		49.2	0.46	0.007	0.417	0.472	3.15	3.1		
C766609		50.1	0.46	0.006	0.397	0.455	2.97	2.7		
C766610		50.5	0.47	0.006	0.320	0.372	2.62	2.5		
C766611		51.3	0.48	0.006	0.212	0.330	2.21	2.0		
C766612		51.6	0.51	0.006	0.183	0.272	1.895	1.5		
C766613		51.1	0.49	0.006	0.166	0.274	1.720	1.6		
C766614		51.1	0.51	0.006	0.153	0.208	1.535	1.4		
C766615		51.8	0.51	0.005	0.190	0.247	1.695	1.5		
C766616		52.0	0.52	0.006	0.056	0.083	0.547	0.7		
C766617		53.5	0.53	0.004	0.010	0.026	0.113	<0.2		
C766618		51.6	0.50	0.004	0.005	0.012	0.027	<0.2		
C766619		52.2	0.52	0.006	0.103	0.136	0.837	0.7		
C766620		53.1	0.53	0.005	0.059	0.092	0.505	0.5		
C766621		52.4	0.52	0.005	0.082	0.085	0.448	0.5		
C766622		53.1	0.52	0.005	0.053	0.086	0.570	0.4		
C766623		49.0	0.72	0.009	0.177	0.323	0.364	2.1		
C766624		52.8	0.53	0.004	0.023	0.041	0.239	<0.2		
C766625		53.3	0.52	0.005	0.009	0.028	0.087	<0.2		
C766626		51.6	0.48	0.007	0.092	0.153	0.949	0.9		
C766627		50.5	0.48	0.007	0.160	0.285	1.885	1.5		
C766628		50.7	0.47	0.009	0.156	0.260	1.750	1.4		
C766629		53.3	0.51	0.006	0.024	0.052	0.276	0.2		
C766630		52.8	0.52	0.005	0.025	0.036	0.184	0.2		
C766631		51.8	0.51	0.006	0.054	0.077	0.461	0.4		
C766632		52.8	0.52	0.005	0.009	0.030	0.124	0.2	92.7	
C766633		62.0	0.65	0.008	<0.001	<0.005	0.001	<0.2	90.7	
C766634		52.2	0.53	0.006	0.002	0.013	0.018	<0.2		
C766635		51.1	0.53	0.005	0.003	0.013	0.034	<0.2		
C766636		51.3	0.55	0.006	0.005	0.015	0.031	0.2		
C766637		38.3	0.65	0.014	0.003	0.020	0.093	<0.2		
C766638		52.0	0.56	0.005	0.001	0.012	0.028	0.2		
C766639		52.6	0.55	0.008	0.004	0.012	0.012	<0.2		
C766640		45.1	0.59	0.010	<0.001	0.013	0.013	<0.2	92.6	
C766641		53.3	0.55	0.007	0.002	0.011	0.014	0.2	87.1	75.3



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21146739**

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 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
C766642		1.93	13.85	0.01	10.70	0.004	0.03	0.010	6.63	9.48	0.4	8.62	0.14	0.018	<0.01	0.05
C766643		1.25	15.90	0.01	2.27	0.004	0.04	<0.002	8.06	11.50	0.1	21.3	0.17	0.024	<0.01	0.01
C766644		2.65	14.25	0.01	9.88	0.003	0.03	0.008	6.49	9.28	0.6	9.36	0.14	0.014	<0.01	0.07



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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

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 Account: SDPTCP

Project: Janes

<b>CERTIFICATE OF ANALYSIS SD21146739</b>
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Sample Description	Method Analyte Units LOD	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	Ag-AA45 Ag ppm	PUL-QC Pass75um %	CRU-QC Pass2mm %
C766642		52.6	0.54	0.008	0.002	0.013	0.013	0.3		
C766643		39.8	0.62	0.014	<0.001	0.015	0.015	0.2		
C766644		52.2	0.57	0.012	0.002	0.013	0.013	0.3		



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**CERTIFICATE OF ANALYSIS SD21146739**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 33%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA45</td> <td style="width: 33%;">ME-ICP81</td> <td style="width: 33%;">PGM-ICP23</td> <td></td> </tr> </table>	Ag-AA45	ME-ICP81	PGM-ICP23									
Ag-AA45	ME-ICP81	PGM-ICP23											



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 Account: SDPTCP

**CERTIFICATE SD21151130**

Project: Janes

This report is for 129 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 14-JUN-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-21d	Sample logging - ClientBarCode Dup
CRU-31	Fine crushing - 70% <2mm
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
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
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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: Janes

**CERTIFICATE OF ANALYSIS SD21151130**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766645		2.49	14.30	0.01	11.50	0.005	0.05	0.041	6.60	9.44	0.4	8.67	0.15	0.026	0.01	0.12
C766646		0.07	10.35	0.01	5.79	0.033	0.03	0.884	17.95	25.7	0.6	5.72	0.14	1.185	<0.01	6.82
C766647		2.38	14.15	0.01	10.85	0.003	0.04	0.111	6.85	9.80	0.4	8.93	0.15	0.052	<0.01	0.25
C766648		2.19	14.25	0.01	10.50	0.004	0.04	0.116	6.80	9.73	0.4	8.81	0.14	0.049	<0.01	0.25
C766649		2.44	14.35	0.01	9.86	0.005	0.04	0.081	6.87	9.83	0.5	8.98	0.13	0.035	<0.01	0.19
C766650		2.14	14.70	0.01	7.77	0.002	0.04	0.040	6.62	9.46	1.0	10.20	0.11	0.022	<0.01	0.10
C766651		1.17	13.70	0.01	5.40	0.003	0.04	0.009	5.78	8.26	1.1	14.05	0.12	0.025	0.01	0.03
C766652		2.30	14.35	0.01	9.71	0.003	0.04	0.046	6.35	9.08	0.7	9.86	0.13	0.025	0.01	0.15
C766653		2.84	14.45	0.01	10.90	0.004	0.03	0.088	6.98	9.97	0.5	8.94	0.15	0.037	0.01	0.23
C766654		2.58	14.15	0.01	10.75	0.006	0.04	0.044	6.92	9.89	0.5	9.06	0.15	0.025	<0.01	0.16
C766655		2.31	14.65	<0.01	8.26	0.004	0.04	0.010	5.91	8.45	0.7	11.50	0.13	0.017	<0.01	0.04
C766656		1.63	15.20	0.01	3.15	0.004	0.04	0.003	4.98	7.13	0.6	17.85	0.11	0.019	0.01	0.02
C766657		0.96	18.35	0.01	8.07	<0.002	0.03	0.005	4.46	6.38	0.8	5.16	0.10	0.010	<0.01	0.10
C766658		2.11	14.05	0.01	10.40	0.002	0.04	0.011	6.16	8.81	0.6	9.25	0.13	0.018	<0.01	0.07
C766659		2.69	14.15	0.01	11.10	0.005	0.03	0.010	6.92	9.89	0.4	8.58	0.15	0.017	<0.01	0.07
C766660		3.18	14.10	0.01	11.05	0.003	0.03	0.010	6.85	9.79	0.4	8.41	0.16	0.016	<0.01	0.07
C766661		3.53	14.05	0.01	11.20	0.005	0.03	0.016	7.11	10.15	0.4	8.33	0.16	0.017	0.01	0.08
C766662		3.69	13.45	0.01	10.75	0.005	0.03	0.010	7.01	10.05	0.3	8.54	0.16	0.016	<0.01	0.07
C766663		3.72	13.70	0.01	10.80	0.005	0.03	0.009	6.95	9.94	0.4	8.71	0.16	0.017	<0.01	0.06
C766664		3.52	14.10	0.01	11.10	0.004	0.03	0.009	7.03	10.05	0.3	8.46	0.16	0.014	<0.01	0.06
C766665		3.55	13.85	0.01	11.10	0.002	0.03	0.009	6.98	9.98	0.3	8.15	0.16	0.014	0.01	0.07
C766666		0.06	12.40	0.01	7.86	0.021	0.03	0.349	11.10	15.85	0.6	7.20	0.16	0.316	<0.01	1.76
C766667		3.15	14.15	0.01	10.80	0.004	0.03	0.008	7.35	10.50	0.3	8.14	0.16	0.016	0.01	0.07
C766668		2.44	14.10	0.01	10.50	0.004	0.02	0.010	7.44	10.65	0.2	8.06	0.16	0.014	<0.01	0.08
C766669		2.34	13.60	0.01	9.86	0.003	0.02	0.011	6.97	9.97	0.7	7.86	0.17	0.013	<0.01	0.06
C766670		1.65	17.10	<0.01	1.15	0.003	0.03	<0.002	9.38	13.40	0.1	20.9	0.17	0.020	<0.01	0.01
C766671		2.99	14.15	0.01	4.87	0.005	0.02	0.006	7.79	11.15	1.5	11.70	0.15	0.018	<0.01	0.11
C766672		2.18	14.05	0.01	10.85	0.004	0.05	0.041	7.41	10.60	0.2	9.21	0.17	0.031	<0.01	0.11
C766673		2.06	13.85	<0.01	10.85	0.002	0.04	0.064	6.66	9.52	0.4	8.17	0.16	0.030	0.01	0.17
C766674		2.20	14.05	<0.01	11.70	0.003	0.04	0.018	6.76	9.66	0.3	8.12	0.16	0.018	<0.01	0.08
C766675		2.41	13.95	<0.01	11.40	0.003	0.04	0.010	6.73	9.62	0.3	8.16	0.16	0.014	<0.01	0.05
C766676		<0.02	14.30	0.01	11.80	0.003	0.04	0.010	6.82	9.75	0.3	8.29	0.17	0.019	0.01	0.04
C766677		2.40	14.35	0.01	11.45	0.003	0.03	0.008	6.90	9.86	0.4	8.40	0.17	0.017	<0.01	0.07
C766678		2.37	14.10	0.01	11.35	0.003	0.03	0.008	6.84	9.77	0.3	8.26	0.17	0.014	<0.01	0.08
C766679		2.36	13.90	0.01	11.30	0.002	0.03	0.008	6.82	9.76	0.3	8.22	0.16	0.014	<0.01	0.07
C766680		2.37	14.00	0.01	11.30	0.003	0.03	0.009	6.93	9.91	0.3	8.35	0.16	0.015	<0.01	0.07
C766681		2.18	14.15	0.01	11.40	0.005	0.03	0.010	7.01	10.00	0.3	8.47	0.17	0.015	<0.01	0.06
C766682		2.43	13.80	0.01	10.60	0.003	0.03	0.011	6.91	9.89	0.3	8.65	0.16	0.014	<0.01	0.05
C766683		2.49	13.45	0.01	10.50	0.004	0.03	0.009	6.86	9.81	0.3	8.82	0.16	0.024	<0.01	0.04
C766684		2.14	14.75	0.01	6.14	0.002	0.02	0.007	7.39	10.55	0.3	10.90	0.16	0.015	0.01	0.03



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Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC	Ag-AA45
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass2mm %	Pass75um %	Ag ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766645		52.8	0.53	0.005	0.016	0.032	0.142	75.7	87.9	0.4
C766646		41.3	0.61	0.014	0.180	0.547	0.595			3.7
C766647		51.8	0.51	0.012	0.048	0.079	0.407		89.3	0.4
C766648		52.2	0.55	0.009	0.064	0.095	0.485			0.6
C766649		52.0	0.55	0.004	0.038	0.061	0.334			0.3
C766650		52.6	0.57	0.003	0.013	0.026	0.102			<0.2
C766651		47.1	0.50	0.007	0.002	0.029	0.156			<0.2
C766652		52.6	0.54	0.005	0.018	0.036	0.149			0.3
C766653		52.8	0.55	0.006	0.052	0.054	0.353			0.3
C766654		52.0	0.56	0.006	0.018	0.052	0.133			<0.2
C766655		52.8	0.56	0.008	0.003	0.012	0.016			0.2
C766656		48.1	0.60	0.021	<0.001	0.011	0.017			<0.2
C766657		58.2	0.46	0.008	<0.001	<0.005	0.001			<0.2
C766658		52.2	0.54	0.005	0.002	0.010	0.014			<0.2
C766659		52.0	0.55	0.005	0.002	0.011	0.013			<0.2
C766660		52.0	0.55	0.005	0.002	0.010	0.012			<0.2
C766661		52.4	0.57	0.006	0.003	0.010	0.019			<0.2
C766662		51.1	0.54	0.006	0.002	0.010	0.013			<0.2
C766663		51.6	0.54	0.009	0.002	0.013	0.021			<0.2
C766664		52.2	0.54	0.006	0.003	0.012	0.014			<0.2
C766665		51.8	0.56	0.005	0.002	0.015	0.025			<0.2
C766666		49.2	0.73	0.010	0.172	0.309	0.364			2.0
C766667		52.6	0.61	0.006	0.001	0.012	0.014			<0.2
C766668		52.8	0.62	0.006	0.002	0.011	0.013			<0.2
C766669		50.5	0.59	0.010	0.002	0.012	0.013			<0.2
C766670		37.4	0.71	0.022	<0.001	0.013	0.016			0.2
C766671		46.4	0.60	0.012	0.007	0.012	0.022			<0.2
C766672		52.8	0.54	0.008	0.012	0.021	0.117			0.2
C766673		50.7	0.53	0.006	0.032	0.043	0.285			0.3
C766674		51.6	0.53	0.005	0.008	0.020	0.054			<0.2
C766675		51.3	0.53	0.005	0.003	0.012	0.014			<0.2
C766676		52.4	0.53	0.007	<0.001	0.012	0.014			0.2
C766677		52.4	0.54	0.005	0.001	0.011	0.015			<0.2
C766678		51.8	0.54	0.006	0.002	0.011	0.014			<0.2
C766679		51.1	0.53	0.006	0.001	0.013	0.015			<0.2
C766680		52.0	0.55	0.006	0.001	0.010	0.012			<0.2
C766681		52.6	0.56	0.006	0.002	0.010	0.014			<0.2
C766682		51.8	0.54	0.007	0.002	0.012	0.013			<0.2
C766683		51.6	0.52	0.009	0.003	0.011	0.031		88.7	<0.2
C766684		50.9	0.53	0.016	<0.001	0.008	0.013	75.3	93.8	<0.2



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Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766685		1.95	13.85	0.01	11.35	0.004	0.04	0.038	6.65	9.51	0.4	8.50	0.16	0.023	<0.01	0.10
C766686		0.05	11.90	0.01	7.29	0.017	0.03	0.322	10.60	15.15	0.6	6.89	0.15	0.303	<0.01	1.72
C766687		2.34	14.20	0.01	11.60	0.006	0.04	0.033	6.64	9.49	0.5	8.47	0.16	0.021	<0.01	0.09
C766688		2.46	13.90	<0.01	11.55	0.004	0.04	0.019	6.65	9.51	0.5	8.55	0.16	0.019	<0.01	0.06
C766689		2.41	14.00	0.01	11.20	0.003	0.04	0.018	6.48	9.26	0.3	8.02	0.15	0.017	0.01	0.07
C766690		2.38	14.15	0.01	11.90	0.003	0.04	0.011	6.85	9.79	0.3	8.35	0.16	0.014	<0.01	0.09
C766691		1.83	14.20	0.01	11.30	0.003	0.03	0.011	6.44	9.20	0.4	8.24	0.14	0.019	<0.01	0.09
C766692		1.38	15.95	0.01	3.75	0.003	0.04	<0.002	7.05	10.10	0.2	20.4	0.17	0.019	<0.01	0.02
C766693		1.71	13.55	0.01	11.10	0.005	0.05	0.013	6.31	9.02	0.4	9.63	0.15	0.015	<0.01	0.05
C766694		2.47	14.25	0.01	11.50	0.003	0.03	0.011	7.00	10.00	0.4	8.51	0.17	0.015	<0.01	0.09
C766695		2.46	14.05	0.01	11.10	0.006	0.03	0.011	6.99	10.00	0.4	8.34	0.17	0.014	<0.01	0.07
C766696		0.83	17.80	<0.01	8.03	0.002	0.02	0.006	4.30	6.15	0.8	4.97	0.09	0.007	<0.01	0.13
C766697		2.58	13.80	0.01	11.15	0.004	0.03	0.009	6.90	9.86	0.4	8.74	0.17	0.016	<0.01	0.07
C766698		2.41	13.85	0.01	10.90	0.004	0.03	0.009	6.89	9.86	0.4	8.72	0.16	0.015	0.01	0.06
C766699		2.34	13.90	0.01	11.10	0.004	0.03	0.012	6.87	9.82	0.5	8.47	0.17	0.016	<0.01	0.09
C766700		2.32	13.75	<0.01	11.10	0.005	0.03	0.010	6.84	9.78	0.4	8.49	0.17	0.015	<0.01	0.07
C766701		2.61	13.90	0.01	11.25	0.002	0.03	0.010	6.96	9.95	0.3	8.54	0.17	0.014	0.01	0.07
C766702		2.54	13.60	0.01	10.75	0.005	0.03	0.010	7.10	10.15	0.3	8.67	0.17	0.015	<0.01	0.08
C766703		2.09	13.90	0.01	10.85	0.004	0.03	0.009	7.17	10.25	0.3	8.34	0.18	0.013	0.01	0.07
C766704		2.52	14.00	<0.01	11.25	0.003	0.03	0.009	6.99	9.99	0.3	8.24	0.17	0.015	<0.01	0.07
C766705		2.39	14.05	0.01	11.20	0.004	0.02	0.010	7.12	10.20	0.3	7.93	0.18	0.015	<0.01	0.08
C766706		0.05	12.30	0.02	7.63	0.020	0.03	0.339	10.95	15.65	0.6	7.10	0.16	0.308	<0.01	1.78
C766707		2.60	13.95	0.01	11.15	0.003	0.03	0.008	7.10	10.15	0.3	7.83	0.17	0.019	<0.01	0.08
C766708		2.42	13.55	<0.01	11.00	0.004	0.02	0.008	6.95	9.94	0.2	7.66	0.16	0.012	<0.01	0.06
C766709		2.63	13.95	0.01	9.33	0.005	0.02	0.013	6.95	9.94	0.4	8.51	0.15	0.014	<0.01	0.05
C766710		2.44	14.05	0.01	10.75	0.005	0.04	0.028	6.39	9.14	0.3	8.26	0.14	0.019	<0.01	0.09
C766711		2.07	14.20	0.01	10.60	0.004	0.04	0.007	6.39	9.14	0.4	8.32	0.14	0.012	<0.01	0.07
C766712		2.08	15.45	0.01	2.23	0.004	0.04	0.003	6.87	9.82	0.3	21.6	0.14	0.015	<0.01	<0.01
C766713		3.28	14.50	0.01	10.40	0.007	0.04	0.078	6.74	9.64	0.4	9.32	0.14	0.033	<0.01	0.16
C766714		2.57	14.15	0.01	9.84	0.004	0.04	0.107	6.22	8.89	0.7	9.48	0.14	0.038	0.01	0.21
C766715		2.28	14.85	<0.01	3.27	0.004	0.04	0.010	5.47	7.82	0.3	16.65	0.15	0.035	<0.01	0.01
C766716		<0.02	14.55	<0.01	3.85	0.003	0.04	0.013	5.39	7.71	0.3	16.20	0.15	0.034	<0.01	0.01
C766717		1.86	17.30	0.01	1.65	0.004	0.05	0.006	7.31	10.45	<0.1	24.5	0.20	0.054	<0.01	<0.01
C766718		2.28	14.15	0.01	2.50	0.002	0.04	0.018	5.99	8.56	0.1	20.00	0.16	0.037	<0.01	<0.01
C766719		2.22	14.35	0.01	5.07	0.003	0.04	0.024	5.33	7.62	0.7	13.80	0.14	0.026	0.01	0.05
C766720		2.41	13.65	0.01	9.98	0.005	0.04	0.075	6.39	9.14	0.7	9.15	0.13	0.034	<0.01	0.22
C766721		2.28	13.50	0.01	10.40	0.002	0.04	0.034	6.22	8.89	0.6	8.77	0.14	0.022	<0.01	0.10
C766722		2.24	14.10	0.01	10.95	0.004	0.04	0.017	6.57	9.39	0.4	8.16	0.15	0.022	<0.01	0.08
C766723		2.29	14.30	0.01	11.25	0.004	0.03	0.011	6.79	9.71	0.3	8.47	0.16	0.015	<0.01	0.05
C766724		2.41	13.95	0.01	11.20	0.004	0.04	0.011	6.65	9.51	0.3	8.44	0.15	0.014	<0.01	0.01





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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

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 Account: SDPTCP

Project: Janes

CERTIFICATE OF ANALYSIS SD21151130
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Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC	Ag-AA45
		SiO2	TiO2	Zn	Au	Pt	Pd	Pass2mm	Pass75um	Ag
		%	%	%	ppm	ppm	ppm	%	%	ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766685		50.9	0.51	0.005	0.017	0.033	0.145			<0.2
C766686		46.8	0.69	0.010	0.183	0.321	0.365			2.1
C766687		51.8	0.52	0.005	0.018	0.025	0.118			<0.2
C766688		51.6	0.51	0.005	0.010	0.019	0.079			<0.2
C766689		50.7	0.53	0.005	0.007	0.017	0.064			<0.2
C766690		52.0	0.53	0.005	0.002	0.011	0.021			<0.2
C766691		51.6	0.54	0.005	0.001	0.012	0.013			<0.2
C766692		42.4	0.61	0.016	<0.001	0.011	0.014			<0.2
C766693		51.1	0.48	0.007	0.003	0.010	0.014			<0.2
C766694		52.6	0.57	0.007	0.003	0.014	0.022			<0.2
C766695		52.0	0.55	0.005	0.003	0.011	0.016			<0.2
C766696		56.5	0.42	0.008	<0.001	<0.005	0.001			0.2
C766697		51.8	0.53	0.006	<0.001	0.013	0.015			<0.2
C766698		52.0	0.53	0.006	<0.001	0.012	0.018			<0.2
C766699		51.8	0.54	0.008	<0.001	0.012	0.021			<0.2
C766700		51.1	0.54	0.006	0.002	0.011	0.017			<0.2
C766701		52.0	0.55	0.007	0.002	0.013	0.014			<0.2
C766702		51.8	0.55	0.006	0.001	0.014	0.014			<0.2
C766703		52.0	0.57	0.007	0.002	0.013	0.014			<0.2
C766704		52.0	0.56	0.009	0.002	0.015	0.025			<0.2
C766705		52.0	0.57	0.009	0.003	0.014	0.013			<0.2
C766706		48.3	0.72	0.010	0.173	0.342	0.364			2.1
C766707		51.8	0.58	0.011	0.002	0.016	0.014			0.2
C766708		50.9	0.56	0.012	0.002	0.015	0.013			0.2
C766709		51.1	0.57	0.008	0.003	0.014	0.022			<0.2
C766710		51.1	0.52	0.005	0.017	0.028	0.143			0.3
C766711		51.1	0.53	0.006	0.002	0.013	0.016			0.3
C766712		40.0	0.58	0.011	<0.001	0.015	0.017			<0.2
C766713		51.1	0.53	0.004	0.047	0.056	0.340			0.5
C766714		51.1	0.49	0.011	0.031	0.068	0.381			0.7
C766715		46.6	0.52	0.014	0.003	0.030	0.135			<0.2
C766716		46.6	0.51	0.013	0.005	0.030	0.126			<0.2
C766717		34.0	0.63	0.022	0.004	0.056	0.312			0.4
C766718		44.9	0.48	0.016	0.005	0.014	0.052			0.3
C766719		49.6	0.53	0.011	0.007	0.020	0.074			0.3
C766720		50.1	0.49	0.007	0.035	0.067	0.301			0.6
C766721		50.5	0.50	0.004	0.014	0.034	0.173			0.3
C766722		51.6	0.54	0.003	0.005	0.025	0.056			0.3
C766723		52.4	0.55	0.004	0.002	0.013	0.028		93.8	<0.2
C766724		51.8	0.53	0.002	0.002	0.011	0.015	75.2	86.8	<0.2



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21151130**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766725		2.44	13.85	0.01	10.30	0.006	0.04	0.050	6.57	9.39	0.4	9.10	0.14	0.023	<0.01	0.10
C766726		0.07	10.50	0.02	5.71	0.035	0.03	0.878	18.05	25.8	0.6	5.77	0.14	1.195	<0.01	6.96
C766727		2.30	12.95	0.01	10.55	0.004	0.03	0.041	6.29	8.99	0.3	9.35	0.15	0.027	<0.01	0.09
C766728		2.30	13.85	<0.01	10.85	0.005	0.04	0.053	6.75	9.65	0.3	8.49	0.15	0.029	<0.01	0.13
C766729		1.19	13.90	0.01	10.70	0.005	0.03	0.136	7.11	10.15	0.3	8.62	0.16	0.068	<0.01	0.31
C766730		1.12	13.35	0.01	10.40	0.009	0.04	0.392	7.85	11.20	0.3	8.72	0.16	0.212	<0.01	1.01
C766731		1.23	13.25	0.01	10.45	0.010	0.04	0.512	8.01	11.45	0.3	8.69	0.15	0.265	<0.01	1.25
C766732		1.16	13.15	0.01	11.15	0.009	0.05	0.227	6.99	9.99	0.4	9.20	0.15	0.122	<0.01	0.55
C766733		1.37	13.70	0.01	11.20	0.005	0.04	0.105	7.04	10.05	0.4	9.39	0.16	0.069	<0.01	0.30
C766734		1.16	13.65	0.01	10.75	0.010	0.03	0.380	7.96	11.40	0.3	8.62	0.15	0.216	<0.01	1.05
C766735		1.30	13.60	0.01	10.85	0.012	0.03	0.649	8.58	12.25	0.2	8.06	0.15	0.348	<0.01	1.74
C766736		1.11	18.55	0.01	8.42	0.003	0.02	0.008	4.11	5.88	0.7	5.06	0.09	0.009	<0.01	0.07
C766737		1.36	13.90	0.01	10.90	0.013	0.03	0.495	8.44	12.05	0.2	8.41	0.15	0.309	<0.01	1.46
C766738		1.19	13.90	0.01	10.55	0.010	0.03	0.492	8.15	11.65	0.4	8.47	0.15	0.258	<0.01	1.26
C766739		1.21	13.80	0.01	10.30	0.010	0.03	0.450	7.99	11.40	0.3	8.41	0.15	0.233	<0.01	1.12
C766740		1.38	13.55	0.01	10.80	0.008	0.03	0.361	7.64	10.90	0.3	8.57	0.15	0.174	<0.01	0.79
C766741		1.18	13.55	0.02	10.65	0.011	0.03	0.450	8.10	11.60	0.2	8.29	0.15	0.279	<0.01	1.35
C766742		1.25	13.60	<0.01	10.70	0.010	0.03	0.495	8.25	11.80	0.3	8.46	0.15	0.279	<0.01	1.28
C766743		1.21	13.70	<0.01	10.60	0.011	0.03	0.439	8.04	11.50	0.3	8.54	0.15	0.226	<0.01	1.08
C766744		2.41	14.05	0.01	10.95	0.004	0.03	0.181	7.28	10.40	0.3	8.54	0.16	0.089	<0.01	0.43
C766745		2.46	14.10	0.01	11.00	0.005	0.03	0.037	7.05	10.10	0.3	8.84	0.16	0.024	<0.01	0.12
C766746		0.07	7.26	0.02	4.08	0.058	0.02	1.745	29.0	41.5	0.6	3.43	0.12	2.58	0.01	14.95
C766747		2.40	13.85	0.01	11.50	0.005	0.03	0.010	6.73	9.62	0.3	8.42	0.16	0.016	<0.01	0.07
C766748		2.46	14.20	0.01	11.20	0.005	0.03	0.060	6.87	9.82	0.3	8.54	0.16	0.021	<0.01	0.12
C766749		2.39	14.15	0.01	9.69	0.005	0.03	0.014	6.85	9.79	0.5	9.04	0.14	0.014	<0.01	0.08
C766750		1.60	14.10	0.01	9.13	0.007	0.04	0.135	5.66	8.09	0.9	10.15	0.12	0.029	<0.01	0.23
C766751		1.58	15.10	0.01	4.67	0.004	0.04	0.008	6.16	8.81	0.3	19.25	0.18	0.022	0.01	0.02
C766752		1.60	13.80	<0.01	10.75	0.012	0.05	0.593	7.95	11.35	0.2	8.47	0.15	0.280	<0.01	1.48
C766753		1.21	14.00	0.01	10.35	0.007	0.04	0.426	7.48	10.70	0.3	8.51	0.14	0.199	<0.01	1.00
C766754		1.12	14.30	0.01	10.90	0.008	0.04	0.408	7.57	10.80	0.3	8.49	0.15	0.155	<0.01	0.83
C766755		1.19	14.15	0.01	11.25	0.007	0.04	0.344	7.46	10.65	0.3	8.34	0.15	0.161	<0.01	0.82
C766756		<0.02	14.40	0.01	11.50	0.008	0.05	0.371	7.70	11.00	0.3	8.47	0.16	0.175	<0.01	0.89
C766757		1.19	14.10	0.01	10.95	0.007	0.04	0.358	7.53	10.75	0.2	8.44	0.15	0.197	<0.01	0.92
C766758		2.44	14.15	0.01	11.05	0.011	0.04	0.520	8.05	11.50	0.3	8.24	0.15	0.281	<0.01	1.36
C766759		1.29	13.55	0.01	9.92	0.013	0.04	0.671	8.18	11.70	0.3	8.67	0.15	0.326	<0.01	1.63
C766760		1.14	13.85	0.01	10.35	0.011	0.05	0.542	8.08	11.55	0.4	8.90	0.15	0.289	<0.01	1.35
C766761		1.19	14.10	0.01	11.00	0.008	0.04	0.322	7.44	10.65	0.3	8.77	0.15	0.164	<0.01	0.79
C766762		1.23	14.00	0.01	11.15	0.012	0.04	0.515	7.88	11.25	0.3	8.79	0.15	0.245	<0.01	1.18
C766763		1.12	14.00	0.01	9.57	0.011	0.04	0.501	7.66	10.95	0.6	9.42	0.14	0.246	0.01	1.18
C766764		1.10	12.10	<0.01	9.45	0.009	0.04	0.330	5.82	8.32	2.0	9.05	0.10	0.179	<0.01	1.07



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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC	Ag-AA45
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Pass2mm	Pass75um	Ag
	Units LOD	%	%	%	ppm	ppm	ppm	%	%	ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766725		52.2	0.53	0.002	0.008	0.020	0.105			0.2
C766726		41.5	0.61	0.012	0.173	0.575	0.606			3.5
C766727		50.1	0.49	0.002	0.008	0.031	0.160			0.2
C766728		51.6	0.54	0.003	0.020	0.048	0.273			0.4
C766729		51.8	0.54	0.003	0.049	0.119	0.717			0.6
C766730		50.3	0.51	0.004	0.157	0.291	2.01			1.8
C766731		49.2	0.49	0.005	0.183	0.400	2.77			2.2
C766732		50.7	0.48	0.005	0.093	0.177	1.250			1.1
C766733		52.2	0.51	0.004	0.039	0.090	0.595			0.5
C766734		50.3	0.53	0.004	0.164	0.279	2.11			1.6
C766735		49.2	0.50	0.004	0.190	0.444	3.26			2.5
C766736		58.8	0.44	0.003	0.001	<0.005	0.032			<0.2
C766737		50.7	0.50	0.003	0.147	0.340	2.53			1.7
C766738		50.3	0.52	0.005	0.193	0.342	2.60			2.2
C766739		50.1	0.51	0.005	0.171	0.348	2.44			2.2
C766740		50.9	0.51	0.004	0.122	0.260	1.815	70.1		1.7
C766741		49.6	0.52	0.004	0.170	0.397	2.78			2.2
C766742		49.4	0.51	0.005	0.190	0.370	2.75			2.5
C766743		50.5	0.52	0.005	0.153	0.318	2.35			1.9
C766744		51.3	0.55	0.004	0.064	0.163	1.020			0.7
C766745		52.4	0.55	0.004	0.013	0.034	0.191			0.2
C766746		29.7	0.46	0.019	0.138	0.874	0.901			5.6
C766747		51.3	0.54	0.003	0.004	0.013	0.018			<0.2
C766748		52.0	0.55	0.003	0.020	0.044	0.049			0.4
C766749		52.0	0.57	0.005	0.002	0.012	0.012			0.2
C766750		51.3	0.56	0.007	0.042	0.037	0.110			0.7
C766751		41.3	0.60	0.017	0.015	0.017	0.094			0.2
C766752		49.4	0.48	0.004	0.267	0.274	1.430			3.0
C766753		49.4	0.49	0.004	0.234	0.218	1.260			1.6
C766754		50.7	0.52	0.005	0.209	0.219	1.225			1.3
C766755		50.9	0.52	0.004	0.172	0.183	1.110			1.1
C766756		51.6	0.53	0.004	0.188	0.191	1.150			1.2
C766757		50.9	0.50	0.003	0.156	0.209	1.400			1.3
C766758		49.8	0.48	0.005	0.220	0.315	2.01			1.8
C766759		50.3	0.47	0.004	0.239	0.347	2.26			2.4
C766760		50.1	0.47	0.008	0.216	0.332	2.09			1.9
C766761		51.6	0.51	0.004	0.138	0.215	1.290			1.1
C766762		50.3	0.47	0.007	0.240	0.299	1.970			1.8
C766763		49.8	0.51	0.089	0.219	0.302	1.910		87.5	2.6
C766764		47.1	0.43	0.004	0.132	0.179	1.240	73.2	86.3	2.1



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 SUDBURY ON P3E 5P5

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 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21151130**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766765		1.18	14.10	0.01	7.05	0.012	0.04	0.502	7.69	11.00	1.0	10.30	0.11	0.270	<0.01	1.45
C766766		0.06	10.50	0.01	5.65	0.035	0.03	0.889	18.10	25.9	0.6	5.75	0.14	1.205	0.01	6.95
C766767		1.15	13.40	0.01	8.74	0.008	0.04	0.399	7.39	10.55	0.6	9.35	0.13	0.203	<0.01	1.03
C766768		1.15	13.95	0.01	9.80	0.007	0.04	0.205	6.94	9.92	0.5	9.02	0.14	0.107	<0.01	0.53
C766769		1.10	14.20	0.01	7.35	0.006	0.04	0.204	6.46	9.24	1.6	10.05	0.11	0.094	<0.01	0.46
C766770		1.12	14.85	0.01	5.40	0.005	0.04	0.196	5.81	8.31	1.9	12.15	0.10	0.068	<0.01	0.40
C766771		2.13	15.85	0.01	2.40	0.004	0.05	<0.002	7.22	10.30	0.2	19.80	0.16	0.031	<0.01	<0.01
C766772		2.25	13.20	0.01	4.77	0.004	0.03	0.002	5.84	8.35	1.0	14.65	0.13	0.021	<0.01	<0.01
C766773		2.17	15.85	0.01	2.65	0.003	0.04	<0.002	6.52	9.32	0.2	18.90	0.16	0.020	<0.01	<0.01



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 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21151130**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC	Ag-AA45
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass2mm %	Pass75um %	Ag ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766765		48.3	0.51	0.008	0.201	0.326	2.09			2.9
C766766		41.3	0.62	0.012	0.183	0.562	0.601			3.6
C766767		49.2	0.48	0.027	0.157	0.245	1.570			2.2
C766768		50.7	0.52	0.021	0.088	0.134	0.811			1.1
C766769		51.3	0.54	0.020	0.086	0.142	0.778			0.8
C766770		50.9	0.59	0.003	0.087	0.114	0.669			0.6
C766771		42.1	0.58	0.010	0.001	0.021	0.092			<0.2
C766772		49.2	0.46	0.006	<0.001	0.023	0.086			<0.2
C766773		43.6	0.60	0.009	<0.001	0.019	0.033			<0.2



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<b>CERTIFICATE OF ANALYSIS SD21151130</b>
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	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 style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;"></td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>LOG-22</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td>PUL-QC</td> </tr> </table>	CRU-31	CRU-QC	LOG-21d		LOG-23	PUL-31	PUL-31d	LOG-22	SPL-21	SPL-21d	WEI-21	PUL-QC
CRU-31	CRU-QC	LOG-21d											
LOG-23	PUL-31	PUL-31d	LOG-22										
SPL-21	SPL-21d	WEI-21	PUL-QC										
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA45</td> <td style="width: 33%;">ME-ICP81</td> <td style="width: 33%;">PGM-ICP23</td> <td></td> </tr> </table>	Ag-AA45	ME-ICP81	PGM-ICP23									
Ag-AA45	ME-ICP81	PGM-ICP23											



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 Account: SDPTCP

**CERTIFICATE SD21157141**

Project: Janes

This report is for 104 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 18-JUN-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - 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
LOG-21	Sample logging - ClientBarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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**CERTIFICATE OF ANALYSIS SD21157141**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766774		1.17	14.20	0.05	3.39	0.035	0.05	1.570	7.54	10.80	1.9	11.45	0.06	0.332	0.01	2.41
C766775		1.31	14.55	0.20	5.62	0.030	0.05	1.735	7.54	10.80	1.5	10.60	0.09	0.371	0.01	2.14
C766776		1.01	10.15	0.07	13.20	0.019	0.04	0.944	5.21	7.45	3.0	8.17	0.14	0.083	<0.01	1.84
C766777		0.95	13.45	0.01	6.79	0.013	0.05	1.050	6.77	9.67	2.0	9.71	0.09	0.229	0.01	1.89
C766778		1.16	13.45	<0.01	8.26	0.014	0.06	0.756	7.52	10.75	0.8	10.20	0.12	0.308	0.01	1.85
C766779		1.11	13.35	0.01	10.75	0.014	0.05	0.650	7.93	11.35	0.3	9.09	0.14	0.313	<0.01	1.81
C766780		0.08	10.10	0.02	5.75	0.038	0.03	0.863	17.65	25.2	0.6	5.62	0.14	1.160	<0.01	6.72
C766781		1.22	13.20	0.01	8.51	0.012	0.05	0.748	7.86	11.25	0.6	10.00	0.12	0.301	<0.01	1.88
C766782		1.24	13.10	0.01	8.69	0.014	0.05	0.727	8.16	11.65	0.2	9.75	0.12	0.302	<0.01	1.68
C766783		1.00	13.40	0.01	7.37	0.017	0.05	0.748	7.54	10.80	0.9	9.87	0.11	0.288	<0.01	1.66
C766784		1.28	13.10	<0.01	9.67	0.016	0.05	0.664	7.31	10.45	0.5	9.90	0.12	0.281	0.01	1.52
C766785		0.99	12.85	<0.01	10.35	0.016	0.05	0.733	8.33	11.90	0.2	9.14	0.14	0.337	0.01	1.96
C766786		1.18	13.50	0.01	10.90	0.013	0.05	0.622	8.07	11.55	0.1	8.87	0.14	0.287	<0.01	1.62
C766787		1.09	13.20	<0.01	10.05	0.014	0.05	0.696	8.09	11.55	0.1	8.76	0.14	0.333	<0.01	1.85
C766788		1.10	13.45	0.01	10.40	0.015	0.05	0.677	8.07	11.55	0.2	8.69	0.13	0.350	<0.01	1.85
C766789		1.23	13.50	<0.01	10.45	0.013	0.05	0.727	8.21	11.75	0.2	8.59	0.14	0.345	0.01	1.87
C766790		1.02	17.75	0.01	7.33	0.004	0.02	0.008	4.48	6.41	0.9	5.07	0.10	0.007	<0.01	0.10
C766791		1.31	13.70	0.01	9.84	0.011	0.05	0.467	7.08	10.10	0.5	9.19	0.13	0.209	<0.01	1.19
C766792		1.12	13.50	<0.01	10.45	0.016	0.05	0.810	8.24	11.80	0.3	8.69	0.14	0.425	<0.01	2.37
C766793		1.18	13.40	0.01	10.40	0.013	0.05	0.811	8.22	11.75	0.3	8.90	0.14	0.376	<0.01	2.13
C766794		1.21	13.40	0.01	10.10	0.015	0.05	0.728	7.93	11.35	0.4	9.00	0.14	0.314	0.01	1.82
C766795		1.17	13.45	<0.01	9.01	0.011	0.05	0.723	7.74	11.05	0.7	9.65	0.13	0.354	<0.01	1.95
C766796		1.25	13.45	<0.01	11.25	0.018	0.05	1.020	8.39	12.00	0.3	8.46	0.14	0.458	<0.01	2.57
C766797		0.72	13.45	<0.01	10.00	0.016	0.05	0.962	8.10	11.60	0.3	8.81	0.13	0.422	0.01	2.39
C766798		1.15	13.55	0.01	10.30	0.017	0.05	0.860	8.00	11.45	0.3	8.56	0.13	0.421	<0.01	2.25
C766799		1.29	13.70	<0.01	10.70	0.014	0.05	0.633	7.83	11.20	0.3	8.34	0.15	0.341	<0.01	1.72
C766800		0.07	7.10	0.01	4.16	0.055	0.02	1.690	28.2	40.3	0.5	3.35	0.11	2.48	0.01	14.60
C766801		1.09	13.60	0.01	7.71	0.022	0.04	0.979	7.36	10.50	1.2	8.92	0.11	0.399	<0.01	2.18
C766802		1.36	13.65	<0.01	9.60	0.014	0.05	0.859	7.87	11.25	0.5	8.94	0.13	0.366	0.01	1.98
C766803		1.24	13.70	0.01	10.45	0.012	0.04	0.657	7.82	11.20	0.3	8.49	0.15	0.307	<0.01	1.65
C766804		1.44	13.55	0.01	9.22	0.014	0.04	0.839	7.90	11.30	0.4	8.67	0.13	0.391	<0.01	2.05
C766805		1.17	13.35	0.01	8.59	0.019	0.05	1.120	8.28	11.85	0.6	8.76	0.12	0.547	<0.01	2.87
C766806		1.32	13.65	<0.01	9.40	0.018	0.04	1.115	8.57	12.25	0.6	9.00	0.14	0.552	0.01	2.99
C766807		1.22	13.20	<0.01	9.01	0.018	0.04	1.155	8.40	12.00	0.5	9.09	0.13	0.521	0.01	2.83
C766808		1.19	12.80	<0.01	8.28	0.017	0.05	0.930	8.51	12.15	0.4	9.82	0.14	0.505	<0.01	2.47
C766809		1.10	13.15	0.01	9.70	0.013	0.04	0.719	7.85	11.20	0.4	8.97	0.14	0.310	<0.01	1.62
C766810		<0.02	13.15	0.01	9.70	0.013	0.04	0.731	7.91	11.30	0.4	9.05	0.14	0.347	<0.01	1.74
C766811		0.93	13.20	<0.01	8.34	0.013	0.04	0.619	7.98	11.40	0.5	10.15	0.14	0.293	<0.01	1.47
C766812		1.13	13.75	0.01	10.40	0.009	0.04	0.268	7.12	10.20	0.4	8.87	0.16	0.129	<0.01	0.63
C766813		1.35	13.40	0.01	10.65	0.011	0.04	0.492	7.70	11.00	0.3	8.85	0.15	0.239	0.01	1.23





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Project: Janes

CERTIFICATE OF ANALYSIS SD21157141
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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	CRU-QC	PUL-QC
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Ag	Pass2mm	Pass75um
	Units LOD	%	%	%	ppm	ppm	ppm	ppm	%	%
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C766774		45.6	0.43	0.003	0.319	0.240	0.615	5.4	71.2	95.9
C766775		45.4	0.46	0.006	0.273	0.219	0.692	4.3		93.7
C766776		39.4	0.33	<0.002	0.154	0.170	0.682	3.9		
C766777		47.5	0.42	0.042	0.220	0.201	0.772	4.7		
C766778		49.6	0.42	0.030	0.253	0.199	0.641	4.5		
C766779		50.1	0.43	0.007	0.248	0.180	0.578	3.1		
C766780		41.3	0.60	0.014	0.188	0.562	0.613	3.4		
C766781		48.3	0.43	0.018	0.215	0.194	0.589	4.4		93.6
C766782		49.0	0.42	0.010	0.217	0.171	0.568	4.0		
C766783		49.8	0.45	0.017	0.223	0.185	0.642	4.9		93.9
C766784		47.7	0.44	0.095	0.251	0.179	0.706	4.1		92.4
C766785		49.0	0.41	0.010	0.258	0.206	0.856	3.1		
C766786		50.3	0.45	0.007	0.210	0.192	0.823	2.6		
C766787		50.3	0.44	0.007	0.248	0.240	1.165	2.7		
C766788		49.6	0.45	0.006	0.277	0.259	1.220	2.7		
C766789		50.1	0.45	0.032	0.298	0.262	1.280	3.3		
C766790		58.4	0.44	0.008	0.001	<0.005	0.007	0.2		
C766791		50.5	0.48	0.036	0.205	0.169	0.883	2.6		
C766792		49.0	0.43	0.008	0.340	0.280	1.530	3.0		
C766793		49.4	0.44	0.003	0.340	0.278	1.525	3.0		
C766794		49.8	0.46	0.004	0.302	0.272	1.460	3.0		
C766795		50.1	0.45	0.032	0.312	0.265	1.395	4.8		
C766796		49.6	0.47	0.005	0.477	0.403	2.16	4.1		
C766797		49.4	0.44	0.002	0.396	0.388	2.20	3.9		
C766798		49.0	0.45	0.009	0.382	0.444	2.53	3.7		
C766799		50.7	0.48	0.004	0.275	0.334	1.960	2.1		
C766800		29.7	0.44	0.020	0.150	0.858	0.910	5.4		
C766801		49.0	0.46	0.011	0.434	0.454	2.89	5.5		
C766802		49.6	0.49	0.012	0.329	0.400	2.31	4.2		
C766803		50.7	0.49	0.006	0.304	0.347	2.01	2.5		
C766804		49.0	0.46	0.007	0.353	0.439	2.80	3.9		
C766805		47.9	0.44	0.003	0.428	0.645	4.00	5.5		
C766806		50.1	0.44	0.004	0.423	0.622	3.91	5.6		
C766807		48.3	0.42	0.002	0.555	0.624	4.03	6.3		
C766808		48.1	0.38	0.010	0.381	0.484	3.30	4.5		
C766809		49.4	0.45	0.013	0.304	0.390	2.58	2.9		
C766810		49.4	0.45	0.013	0.320	0.398	2.68	3.0		
C766811		50.1	0.46	0.008	0.249	0.343	2.24	2.6		
C766812		52.0	0.51	0.004	0.112	0.160	1.120	1.1		
C766813		50.9	0.48	0.007	0.244	0.296	2.00	2.0	78.2	93.1



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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

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 Account: SDPTCP

Project: Janes

CERTIFICATE OF ANALYSIS SD21157141
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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 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
C766814		1.17	12.95	0.01	9.99	0.013	0.05	0.674	7.93	11.35	0.3	9.27	0.15	0.340	<0.01	1.64
C766815		1.18	14.25	<0.01	9.61	0.008	0.04	0.455	7.63	10.90	0.6	8.76	0.14	0.205	<0.01	1.00
C766816		1.05	14.10	0.01	6.80	0.007	0.04	0.402	7.07	10.10	1.3	9.95	0.11	0.178	0.01	0.94
C766817		1.17	14.60	<0.01	7.77	0.004	0.04	0.189	6.79	9.70	1.2	9.61	0.11	0.106	<0.01	0.48
C766818		1.24	14.55	<0.01	8.42	0.006	0.04	0.253	6.98	9.97	1.1	9.48	0.12	0.122	<0.01	0.55
C766819		1.19	14.25	<0.01	9.16	0.003	0.04	0.084	6.83	9.76	0.6	9.18	0.14	0.049	0.01	0.22
C766820		0.06	12.50	0.02	7.43	0.018	0.03	0.340	11.10	15.85	0.7	7.27	0.16	0.312	<0.01	1.78
C766821		1.23	14.00	<0.01	10.30	0.008	0.04	0.294	7.65	10.95	0.4	8.98	0.16	0.163	0.01	0.82
C766822		1.22	13.70	<0.01	10.35	0.005	0.04	0.317	7.53	10.75	0.4	9.51	0.15	0.172	<0.01	0.78
C766823		1.22	13.80	<0.01	9.89	0.005	0.04	0.396	7.73	11.05	0.4	8.66	0.15	0.212	0.01	1.05
C766824		1.13	13.50	<0.01	8.97	0.008	0.03	0.556	7.89	11.30	0.4	9.16	0.14	0.278	0.02	1.39
C766825		1.04	13.40	<0.01	8.23	0.009	0.04	0.460	7.59	10.85	0.6	9.75	0.13	0.254	0.01	1.24
C766826		1.27	13.80	<0.01	9.84	0.011	0.03	0.641	8.19	11.70	0.3	8.80	0.15	0.350	0.01	1.71
C766827		1.20	14.00	0.01	10.35	0.007	0.04	0.371	7.60	10.85	0.4	8.84	0.16	0.194	<0.01	0.93
C766828		1.26	13.80	<0.01	10.65	0.006	0.04	0.398	7.97	11.40	0.4	8.92	0.16	0.224	<0.01	1.03
C766829		1.15	14.05	<0.01	9.11	0.005	0.03	0.134	7.09	10.15	0.7	9.21	0.15	0.054	<0.01	0.31
C766830		0.94	17.55	<0.01	6.93	0.002	0.02	0.005	4.62	6.61	1.0	5.16	0.10	0.008	<0.01	0.09
C766831		1.27	13.90	<0.01	10.05	0.004	0.04	0.009	6.83	9.77	0.5	9.03	0.16	0.019	<0.01	0.05
C766832		1.42	14.15	<0.01	10.25	0.003	0.04	0.100	7.17	10.25	0.4	8.92	0.16	0.050	<0.01	0.26
C766833		0.77	13.20	<0.01	10.45	0.012	0.05	0.831	8.53	12.20	0.3	8.51	0.14	0.364	0.01	2.30
C766834		1.17	13.95	0.01	11.00	0.010	0.05	0.724	8.19	11.70	0.3	8.22	0.14	0.295	<0.01	1.81
C766835		1.07	13.50	<0.01	10.75	0.013	0.06	0.828	8.37	11.95	0.3	8.68	0.14	0.359	0.01	2.06
C766836		1.15	13.60	0.01	10.90	0.010	0.05	0.604	7.80	11.15	0.3	8.54	0.14	0.256	<0.01	1.54
C766837		1.21	13.80	0.01	11.80	0.014	0.05	0.668	8.32	11.90	0.3	9.04	0.15	0.280	<0.01	1.66
C766838		1.20	13.60	0.01	11.55	0.014	0.05	0.667	8.27	11.80	0.3	9.22	0.15	0.262	<0.01	1.55
C766839		1.14	13.65	0.01	11.10	0.006	0.05	0.419	7.48	10.70	0.4	9.12	0.15	0.163	<0.01	0.99
C766840		0.08	7.25	0.01	4.17	0.055	0.02	1.775	28.7	41.0	0.6	3.42	0.12	2.53	0.01	14.70
C766841		1.24	14.15	<0.01	11.20	0.003	0.05	0.138	6.95	9.94	0.5	9.18	0.16	0.065	0.01	0.35
C766842		1.16	14.05	<0.01	11.45	0.009	0.05	0.549	7.88	11.25	0.3	8.42	0.15	0.231	0.01	1.32
C766843		1.20	13.95	<0.01	11.30	0.012	0.05	0.711	8.72	12.45	0.4	8.38	0.15	0.377	<0.01	1.99
C766844		1.26	13.80	0.01	11.20	0.014	0.05	0.924	9.39	13.45	0.4	8.14	0.15	0.476	0.01	2.55
C766845		1.23	13.85	<0.01	11.20	0.017	0.04	1.095	9.58	13.70	0.3	8.02	0.15	0.482	0.01	2.73
C766846		1.28	13.55	<0.01	10.80	0.016	0.04	1.195	9.92	14.20	0.3	8.04	0.15	0.562	0.01	3.02
C766847		1.22	12.85	0.01	10.95	0.018	0.04	1.270	10.20	14.60	0.3	7.97	0.15	0.594	<0.01	3.18
C766848		1.21	13.50	<0.01	11.05	0.017	0.04	1.230	9.84	14.05	0.3	7.78	0.15	0.549	<0.01	2.99
C766849		1.24	13.55	<0.01	10.75	0.015	0.04	1.360	10.00	14.30	0.3	7.66	0.15	0.572	0.01	3.24
C766850		0.87	17.60	0.01	7.77	<0.002	0.03	0.011	4.72	6.75	1.0	5.50	0.10	0.010	<0.01	0.15
C766851		1.25	13.15	0.01	10.25	0.018	0.04	1.435	10.40	14.85	0.4	7.69	0.15	0.593	<0.01	3.49
C766852		1.27	12.75	<0.01	10.35	0.023	0.04	1.310	10.25	14.65	0.3	7.56	0.14	0.656	0.01	3.41
C766853		1.22	12.85	<0.01	10.15	0.020	0.04	1.045	10.15	14.50	0.1	7.64	0.14	0.654	0.01	3.18



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To: SPC NICKEL CORP.  
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Project: Janes

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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	CRU-QC	PUL-QC
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Ag	Pass2mm	Pass75um
	Units LOD	%	%	%	ppm	ppm	ppm	ppm	%	%
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C766814		49.6	0.45	0.009	0.342	0.429	2.84	2.5		92.4
C766815		52.0	0.53	0.015	0.179	0.258	1.630	2.2		
C766816		50.5	0.52	0.003	0.180	0.233	1.615	2.0		
C766817		52.2	0.56	0.004	0.089	0.130	0.814	0.6		
C766818		52.6	0.55	0.004	0.110	0.171	1.010	1.5		
C766819		52.8	0.53	0.004	0.033	0.058	0.353	0.6		
C766820		49.6	0.73	0.009	0.170	0.310	0.349	2.2		
C766821		52.2	0.52	0.017	0.111	0.206	1.330	1.5		
C766822		51.8	0.49	0.009	0.123	0.221	1.545	1.2		
C766823		50.5	0.51	0.015	0.170	0.271	1.955	1.8		
C766824		49.8	0.50	0.004	0.173	0.337	2.50	2.8		
C766825		49.4	0.48	0.003	0.175	0.357	2.26	2.5		
C766826		50.5	0.51	0.010	0.241	0.463	3.29	3.1		
C766827		51.1	0.51	0.021	0.119	0.261	1.890	1.7		
C766828		51.1	0.52	0.007	0.163	0.288	2.10	1.9		
C766829		53.1	0.54	0.005	0.044	0.115	0.762	0.8		
C766830		58.0	0.43	0.004	<0.001	<0.005	0.007	<0.2		
C766831		52.0	0.53	0.004	0.001	0.014	0.015	0.2		
C766832		52.6	0.54	0.005	0.041	0.046	0.321	0.7		
C766833		49.0	0.43	0.005	0.327	0.266	1.150	3.1		
C766834		49.6	0.44	0.005	0.248	0.193	0.680	2.4		
C766835		49.4	0.43	0.006	0.324	0.225	0.862	3.0		
C766836		49.2	0.44	0.005	0.242	0.166	0.600	2.3		
C766837		48.8	0.46	0.007	0.235	0.151	0.540	2.3		
C766838		48.8	0.47	0.007	0.223	0.159	0.554	2.3		
C766839		47.7	0.47	0.006	0.145	0.112	0.428	1.4		
C766840		28.2	0.45	0.021	0.118	0.795	0.832	5.4		
C766841		49.8	0.50	0.005	0.053	0.048	0.175	0.6		
C766842		48.6	0.47	0.006	0.215	0.180	0.985	1.7		
C766843		47.7	0.46	0.006	0.310	0.250	1.245	2.3		
C766844		47.1	0.43	0.005	0.434	0.348	1.830	2.7		
C766845		47.1	0.46	0.006	0.461	0.378	2.11	3.3		
C766846		45.8	0.44	0.006	0.423	0.453	2.46	3.6		
C766847		45.4	0.43	0.006	0.996	0.427	2.33	3.8		
C766848		46.2	0.45	0.006	0.421	0.448	2.51	3.6		
C766849		45.1	0.44	0.006	0.464	0.528	3.15	3.9		
C766850		55.6	0.43	0.005	0.001	0.005	0.012	0.3		
C766851		45.1	0.44	0.007	0.536	0.583	3.54	4.4		
C766852		44.5	0.42	0.006	0.571	0.619	3.84	4.3		
C766853		44.7	0.42	0.006	0.661	0.560	3.53	3.4	78.0	91.8



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21157141**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766854		1.32	12.90	0.01	10.15	0.020	0.04	1.230	10.25	14.65	0.2	7.61	0.15	0.622	0.01	3.25
C766855		1.24	13.05	<0.01	10.30	0.021	0.04	1.065	9.81	14.05	0.2	7.79	0.15	0.534	0.01	2.78
C766856		1.24	12.85	<0.01	10.45	0.014	0.04	0.772	8.66	12.40	0.2	8.29	0.15	0.384	<0.01	1.88
C766857		1.26	13.60	<0.01	10.70	0.012	0.04	0.589	8.40	12.00	0.2	8.62	0.16	0.265	0.01	1.33
C766858		1.25	13.40	0.01	10.55	0.007	0.04	0.244	7.48	10.70	0.3	8.87	0.16	0.135	0.01	0.62
C766859		1.22	13.65	0.01	10.35	0.006	0.03	0.125	7.34	10.50	0.3	9.14	0.17	0.061	0.01	0.27
C766860		0.07	10.50	0.01	5.82	0.038	0.03	0.895	18.80	26.9	0.6	5.95	0.14	1.190	0.01	6.94
C766861		1.10	13.75	<0.01	10.65	0.012	0.03	0.528	8.25	11.80	0.2	8.52	0.15	0.264	0.01	1.33
C766862		1.15	14.05	0.01	10.65	0.008	0.04	0.337	7.58	10.85	0.2	8.36	0.15	0.159	0.01	0.78
C766863		1.19	13.70	0.01	10.10	0.011	0.04	0.368	7.61	10.90	0.2	8.54	0.14	0.191	<0.01	0.93
C766864		1.09	13.10	<0.01	9.92	0.009	0.04	0.211	7.11	10.15	0.2	8.44	0.14	0.120	<0.01	0.55
C766865		1.04	14.00	<0.01	10.75	0.005	0.04	0.121	7.06	10.10	0.3	8.44	0.16	0.056	<0.01	0.27
C766866		1.17	13.55	<0.01	11.65	0.004	0.04	0.012	6.65	9.51	0.3	9.09	0.16	0.015	<0.01	0.05
C766867		1.22	13.55	0.01	10.80	0.011	0.04	0.507	8.09	11.55	0.3	8.52	0.16	0.267	<0.01	1.30
C766868		1.30	14.05	0.01	10.95	0.006	0.03	0.166	7.35	10.50	0.3	8.59	0.16	0.085	<0.01	0.39
C766869		2.31	14.25	<0.01	11.30	0.007	0.04	0.016	6.89	9.85	0.3	8.52	0.16	0.013	<0.01	0.05
C766870		<0.02	14.05	<0.01	11.40	0.006	0.04	0.014	6.85	9.79	0.3	8.64	0.16	0.015	<0.01	0.05
C766871		2.46	14.35	<0.01	11.40	0.005	0.04	0.009	6.91	9.88	0.3	8.46	0.16	0.016	<0.01	0.06
C766872		2.37	14.00	<0.01	11.25	0.006	0.03	0.009	6.77	9.68	0.3	8.41	0.16	0.014	<0.01	0.07
C766873		2.40	13.90	<0.01	11.30	0.003	0.04	0.013	6.86	9.81	0.3	8.61	0.16	0.016	<0.01	0.05
C766874		2.38	14.05	<0.01	11.25	0.003	0.04	0.011	6.90	9.86	0.3	8.36	0.16	0.010	<0.01	0.11
C766875		2.52	13.70	0.01	10.95	0.005	0.03	0.010	6.76	9.66	0.3	8.11	0.16	0.013	<0.01	0.06
C766876		1.85	14.15	<0.01	10.80	0.005	0.03	0.011	6.71	9.59	0.4	8.17	0.16	0.014	0.01	0.11
C766877		1.30	14.45	<0.01	4.90	0.004	0.04	0.003	6.08	8.69	0.3	19.25	0.17	0.014	0.01	0.02



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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	CRU-QC	PUL-QC
	Analyte Units LOD	SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass2mm %	Pass75um %
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C766854		45.1	0.43	0.007	0.445	0.578	3.90	3.9		92.1
C766855		45.4	0.44	0.007	0.424	0.588	3.81	3.9		
C766856		46.2	0.44	0.006	0.288	0.434	2.82	2.6		
C766857		49.0	0.49	0.005	0.251	0.368	2.48	1.9		
C766858		49.4	0.50	0.004	0.100	0.148	1.045	0.9		
C766859		50.5	0.53	0.004	0.045	0.091	0.522	0.6		
C766860		40.9	0.62	0.015	0.184	0.526	0.593	3.4		
C766861		49.4	0.51	0.006	0.214	0.340	2.27	1.6		
C766862		52.2	0.51	0.008	0.124	0.211	1.430	1.4		
C766863		51.6	0.51	0.006	0.139	0.236	1.700	1.6		
C766864		50.3	0.51	0.007	0.090	0.178	1.180	0.8		
C766865		53.3	0.56	0.005	0.042	0.084	0.545	0.5		
C766866		53.3	0.50	0.005	0.001	0.013	0.022	<0.2		
C766867		50.9	0.52	0.006	0.154	0.390	2.69	1.8		
C766868		53.1	0.53	0.005	0.057	0.117	0.862	0.7		
C766869		53.9	0.54	0.005	0.003	0.014	0.033	0.4		
C766870		53.7	0.54	0.005	0.001	0.013	0.026	0.2		
C766871		53.9	0.54	0.006	0.001	0.012	0.016	0.2		
C766872		53.1	0.54	0.006	0.002	0.012	0.014	<0.2		
C766873		53.3	0.55	0.005	0.004	0.014	0.034	<0.2		
C766874		53.1	0.55	0.006	0.001	0.011	0.012	0.4		
C766875		52.2	0.54	0.005	0.003	0.012	0.013	0.2		
C766876		53.3	0.57	0.008	0.003	0.013	0.012	0.4		
C766877		45.1	0.56	0.017	<0.001	0.010	0.014	0.2		



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To: SPC NICKEL CORP.  
9C - 1351 KELLY LAKE ROAD  
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Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21157141**

**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-21
	LOG-23	PUL-31	PUL-31d
	SPL-21	SPL-21d	WEI-21
			LOG-21d
			PUL-QC
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Ag-AA45	ME-ICP81	PGM-ICP23



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 Account: SDPTCP

**CERTIFICATE SD21160271**

Project: Janes

This report is for 189 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 23-JUN-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-23	Pulp Login - Rcvd with Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-21	Sample logging - ClientBarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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**CERTIFICATE OF ANALYSIS SD21160271**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
C766878		1.16	14.10	0.01	12.20	0.008	0.06	0.399	7.01	10.05	0.4	8.74	0.14	0.168	<0.01	1.01
C766879		1.29	13.90	0.01	12.10	0.007	0.05	0.420	7.01	10.00	0.3	8.75	0.14	0.176	<0.01	1.01
C766880		0.09	7.22	0.01	4.20	0.057	0.02	1.730	28.6	40.8	0.6	3.43	0.12	2.52	<0.01	14.55
C766881		1.07	13.70	0.01	11.70	0.009	0.05	0.559	7.54	10.75	0.3	8.70	0.14	0.226	<0.01	1.36
C766882		1.19	14.30	0.01	11.95	0.005	0.06	0.315	6.77	9.67	0.3	8.59	0.14	0.134	<0.01	0.78
C766883		1.19	14.15	0.01	11.50	0.006	0.05	0.292	6.93	9.91	0.3	8.59	0.15	0.122	<0.01	0.72
C766884		1.18	14.10	0.01	12.25	0.008	0.05	0.455	7.27	10.40	0.4	8.30	0.14	0.185	<0.01	1.15
C766885		1.17	14.15	0.01	12.15	0.007	0.05	0.374	7.21	10.30	0.3	8.47	0.15	0.159	<0.01	0.95
C766886		1.11	14.40	<0.01	12.50	0.006	0.05	0.442	7.53	10.75	0.3	8.65	0.15	0.183	<0.01	1.13
C766887		1.23	14.55	0.01	12.40	0.008	0.05	0.199	6.84	9.77	0.4	8.47	0.15	0.085	<0.01	0.51
C766888		1.06	14.50	<0.01	12.50	0.004	0.05	0.112	6.47	9.24	0.3	8.46	0.15	0.053	<0.01	0.31
C766889		1.14	14.35	0.01	12.45	0.005	0.05	0.190	6.76	9.66	0.2	8.56	0.15	0.089	<0.01	0.49
C766890		1.02	17.40	0.01	6.73	<0.002	0.02	0.008	4.67	6.67	0.9	5.04	0.10	0.009	<0.01	0.15
C766891		1.18	14.10	<0.01	11.85	0.006	0.05	0.258	6.76	9.66	0.3	8.50	0.15	0.120	<0.01	0.69
C766892		1.21	14.35	<0.01	12.10	0.007	0.05	0.307	7.14	10.20	0.4	8.72	0.15	0.148	<0.01	0.77
C766893		1.09	14.10	0.01	11.40	0.008	0.05	0.240	6.77	9.68	0.3	8.43	0.14	0.124	<0.01	0.67
C766894		1.34	13.50	0.01	11.35	0.010	0.04	0.556	7.77	11.10	0.3	8.36	0.15	0.270	<0.01	1.54
C766895		1.33	13.70	0.01	11.20	0.011	0.04	0.578	7.74	11.05	0.3	8.45	0.14	0.282	<0.01	1.54
C766896		1.28	13.70	0.01	11.30	0.012	0.05	0.537	7.63	10.90	0.3	8.31	0.14	0.250	<0.01	1.42
C766897		1.25	13.70	0.01	11.65	0.010	0.05	0.583	7.57	10.85	0.3	8.06	0.14	0.250	<0.01	1.44
C766898		1.20	13.60	0.01	11.40	0.011	0.04	0.584	7.64	10.90	0.3	8.12	0.14	0.275	<0.01	1.46
C766899		1.21	13.60	0.01	11.50	0.011	0.04	0.662	7.54	10.80	0.3	8.23	0.13	0.271	<0.01	1.62
C766900		0.08	10.20	0.02	5.71	0.034	0.03	0.876	17.60	25.2	0.6	5.66	0.14	1.155	<0.01	6.75
C766901		1.10	13.55	0.09	4.48	0.007	0.05	0.380	6.08	8.69	0.3	17.30	0.13	0.246	0.03	0.66
C766902		1.07	15.65	0.09	2.13	0.005	0.05	0.044	6.61	9.46	<0.1	22.9	0.15	0.232	0.30	0.15
C766903		0.97	14.45	0.07	4.18	0.005	0.05	0.048	5.80	8.29	0.1	19.60	0.14	0.158	0.01	0.10
C766904		1.17	14.80	0.05	5.41	0.007	0.05	0.223	5.99	8.57	0.5	14.75	0.12	0.155	0.01	0.47
C766905		1.20	14.45	0.01	11.15	0.007	0.05	0.313	6.99	9.99	0.5	8.60	0.13	0.139	<0.01	0.90
C766906		1.13	14.05	0.01	11.05	0.006	0.05	0.338	7.38	10.55	0.4	8.49	0.13	0.154	<0.01	0.88
C766907		1.25	14.30	0.01	11.65	0.004	0.04	0.083	6.58	9.40	0.4	8.37	0.15	0.041	<0.01	0.19
C766908		1.36	14.20	0.01	11.80	0.004	0.04	0.032	6.52	9.33	0.3	8.38	0.15	0.019	<0.01	0.10
C766909		1.28	13.70	0.01	10.70	0.005	0.04	0.085	6.55	9.37	0.3	8.25	0.15	0.051	<0.01	0.28
C766910		<0.02	13.80	0.01	10.85	0.005	0.04	0.083	6.44	9.21	0.3	8.09	0.14	0.048	<0.01	0.25
C766911		1.37	14.00	0.01	10.70	0.010	0.04	0.464	7.47	10.65	0.2	8.21	0.14	0.197	<0.01	1.09
C766912		1.37	13.15	0.01	10.50	0.012	0.04	0.643	7.95	11.35	0.4	8.00	0.14	0.317	<0.01	1.73
C766913		1.30	12.90	<0.01	10.25	0.016	0.04	0.832	8.65	12.35	0.2	8.12	0.14	0.413	<0.01	2.18
C766914		1.20	13.40	0.01	10.00	0.008	0.04	0.732	8.52	12.20	0.2	8.56	0.14	0.280	<0.01	1.61
C766915		1.22	13.25	0.01	10.60	0.009	0.04	0.600	7.68	11.00	0.2	8.12	0.14	0.251	<0.01	1.38
C766916		1.22	13.50	0.01	10.80	0.012	0.04	0.594	8.05	11.50	0.2	8.38	0.15	0.288	<0.01	1.50
C766917		1.00	13.05	0.01	9.35	0.014	0.04	0.708	8.26	11.80	0.2	8.78	0.13	0.369	<0.01	1.87





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**CERTIFICATE OF ANALYSIS SD21160271**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	PUL-QC	CRU-QC	Ag-AA45
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass75um %	Pass2mm %	Ag ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766878		48.3	0.40	0.004	0.139	0.098	0.276	90.1	77.0	1.1
C766879		48.1	0.42	0.005	0.149	0.098	0.288	88.0		1.3
C766880		28.5	0.44	0.020	0.174	0.839	0.901			5.4
C766881		47.9	0.40	0.006	0.212	0.132	0.464			1.5
C766882		48.8	0.42	0.004	0.113	0.089	0.274			1.0
C766883		49.0	0.45	0.005	0.129	0.083	0.295			0.9
C766884		47.9	0.42	0.005	0.175	0.118	0.427			1.3
C766885		48.6	0.44	0.005	0.132	0.088	0.314			1.1
C766886		49.2	0.45	0.006	0.186	0.102	0.375			1.1
C766887		50.1	0.47	0.006	0.065	0.051	0.151			0.5
C766888		50.1	0.48	0.003	0.041	0.039	0.112			0.4
C766889		49.4	0.47	0.004	0.067	0.052	0.171			0.6
C766890		55.0	0.43	0.005	<0.001	<0.005	0.002			0.2
C766891		48.8	0.46	0.005	0.111	0.100	0.429			0.8
C766892		49.6	0.46	0.004	0.142	0.148	0.738			0.9
C766893		50.9	0.45	0.005	0.135	0.107	0.504			0.8
C766894		48.8	0.42	0.005	0.249	0.194	0.863			1.7
C766895		49.6	0.42	0.006	0.235	0.201	0.924			1.8
C766896		49.6	0.43	0.006	0.232	0.200	0.913			1.8
C766897		49.2	0.43	0.005	0.266	0.236	1.145			1.7
C766898		49.2	0.42	0.006	0.270	0.233	1.230			2.0
C766899		49.2	0.43	0.007	0.304	0.249	1.235			2.7
C766900		41.5	0.60	0.013	0.169	0.537	0.593			3.3
C766901		44.7	0.47	0.014	0.117	0.232	1.210			1.7
C766902		37.9	0.45	0.017	0.028	0.262	1.420			2.5
C766903		42.1	0.49	0.017	0.018	0.161	0.849			0.4
C766904		50.1	0.51	0.011	0.085	0.151	0.751			1.1
C766905		52.4	0.50	0.006	0.171	0.129	0.668			1.4
C766906		51.8	0.48	0.005	0.176	0.149	0.776			1.1
C766907		52.6	0.51	0.003	0.037	0.037	0.172			0.2
C766908		52.8	0.51	0.004	0.012	0.020	0.065			<0.2
C766909		50.7	0.50	0.003	0.036	0.058	0.300			0.2
C766910		50.5	0.49	0.003	0.041	0.059	0.300			0.3
C766911		51.3	0.48	0.005	0.246	0.239	1.615			1.5
C766912		48.3	0.44	0.005	0.247	0.353	2.43			2.2
C766913		48.1	0.42	0.006	0.354	0.428	2.77			2.7
C766914		49.8	0.44	0.006	0.324	0.356	2.25			2.4
C766915		48.8	0.43	0.005	0.266	0.343	2.04			1.9
C766916		50.1	0.45	0.006	0.261	0.350	2.32	88.2		1.9
C766917		47.7	0.42	0.006	0.319	0.420	2.86	92.2	83.8	2.7



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**CERTIFICATE OF ANALYSIS SD21160271**

Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
C766918		1.18	13.40	<0.01	10.25	0.013	0.04	0.633	7.97	11.40	0.2	8.65	0.14	0.339	<0.01	1.69
C766919		1.18	14.00	0.01	10.70	0.010	0.04	0.427	7.43	10.60	0.2	8.96	0.14	0.199	<0.01	0.98
C766920		0.08	12.30	0.01	7.53	0.019	0.03	0.346	11.05	15.75	0.6	7.21	0.16	0.308	<0.01	1.75
C766921		1.44	13.85	0.02	10.80	0.007	0.04	0.197	6.62	9.47	0.3	8.64	0.14	0.095	<0.01	0.48
C766922		1.19	13.65	<0.01	11.10	0.007	0.04	0.282	7.17	10.25	0.2	8.49	0.15	0.141	<0.01	0.71
C766923		1.19	14.50	0.01	11.75	0.004	0.04	0.177	7.15	10.20	0.3	9.07	0.16	0.076	<0.01	0.39
C766924		1.25	13.30	0.01	10.75	0.008	0.04	0.302	7.23	10.35	0.3	8.62	0.14	0.154	<0.01	0.78
C766925		2.72	13.60	0.01	10.90	0.005	0.04	0.029	6.37	9.10	0.3	8.69	0.14	0.020	<0.01	0.09
C766926		2.68	13.90	<0.01	8.76	0.002	0.04	0.028	6.43	9.19	0.6	10.35	0.13	0.016	<0.01	0.06
C766927		1.96	15.20	0.01	1.83	0.004	0.04	0.002	7.00	10.00	<0.1	19.90	0.18	0.019	<0.01	0.01
C766928		2.15	16.10	0.01	2.94	0.006	0.05	0.003	7.42	10.60	<0.1	21.7	0.20	0.023	0.01	0.04
C766929		2.53	14.35	0.01	6.91	0.005	0.04	0.005	6.96	9.96	<0.1	20.6	0.21	0.035	<0.01	0.01
C766930		0.78	17.40	0.01	6.49	0.003	0.02	0.009	4.83	6.91	1.0	5.71	0.10	0.008	<0.01	0.12
C766931		1.76	14.35	0.01	11.55	0.006	0.05	0.193	6.56	9.37	0.3	8.60	0.15	0.087	<0.01	0.47
C766932		1.25	13.70	0.01	11.10	0.009	0.05	0.369	7.03	11.05	0.3	8.09	0.15	0.153	<0.01	0.86
C766933		1.16	14.15	0.01	12.05	0.008	0.05	0.189	6.67	9.54	0.5	8.46	0.16	0.078	<0.01	0.49
C766934		1.18	14.60	0.01	11.65	0.004	0.05	0.018	6.32	9.03	0.4	8.53	0.16	0.016	0.01	0.05
C766935		1.16	14.05	0.01	11.50	0.008	0.05	0.206	6.71	9.60	0.3	8.32	0.15	0.094	<0.01	0.53
C766936		1.21	14.40	0.01	11.90	0.005	0.05	0.024	6.21	8.88	0.5	8.54	0.15	0.020	<0.01	0.09
C766937		1.16	14.25	0.01	11.70	0.008	0.05	0.318	6.87	9.82	0.4	8.35	0.14	0.146	<0.01	0.81
C766938		1.17	14.00	0.01	11.20	0.008	0.05	0.442	7.45	10.65	0.3	8.51	0.15	0.194	<0.01	1.04
C766939		1.08	14.10	0.01	11.45	0.009	0.05	0.447	7.51	10.75	0.3	8.50	0.15	0.204	<0.01	1.13
C766940		0.07	7.22	0.01	4.07	0.058	0.02	1.760	28.5	40.7	0.5	3.40	0.12	2.51	<0.01	14.50
C766941		1.35	14.10	0.01	11.25	0.009	0.05	0.554	7.86	11.25	0.3	8.54	0.15	0.221	<0.01	1.25
C766942		1.40	14.00	0.01	11.60	0.011	0.05	0.515	7.69	11.00	0.3	8.53	0.15	0.234	<0.01	1.22
C766943		1.19	13.95	0.01	11.80	0.009	0.05	0.609	7.93	11.35	0.3	8.23	0.15	0.290	<0.01	1.54
C766944		1.08	14.10	0.01	11.40	0.010	0.05	0.564	7.77	11.10	0.3	8.16	0.15	0.247	<0.01	1.29
C766945		1.19	13.75	0.01	11.55	0.011	0.05	0.670	7.79	11.15	0.3	7.99	0.15	0.274	<0.01	1.53
C766946		1.21	14.15	0.01	11.50	0.009	0.05	0.378	7.26	10.35	0.3	8.30	0.15	0.165	<0.01	0.90
C766947		1.17	14.05	0.01	11.75	0.008	0.05	0.413	7.47	10.65	0.3	8.28	0.15	0.180	<0.01	0.98
C766948		1.16	14.05	0.01	11.90	0.008	0.05	0.512	7.81	11.15	0.3	8.26	0.15	0.221	<0.01	1.17
C766949		1.14	14.25	0.01	11.90	0.009	0.05	0.455	7.77	11.10	0.3	8.39	0.16	0.202	<0.01	1.09
C766950		<0.02	14.10	0.01	11.95	0.011	0.05	0.467	7.84	11.20	0.3	8.39	0.16	0.210	<0.01	1.10
C766951		1.03	14.10	0.01	11.90	0.007	0.04	0.264	7.33	10.50	0.3	8.25	0.16	0.126	<0.01	0.67
C766952		1.16	14.25	0.01	11.95	0.007	0.04	0.192	7.14	10.20	0.3	8.15	0.15	0.100	<0.01	0.51
C766953		1.23	13.95	0.01	11.55	0.010	0.04	0.479	7.85	11.25	0.2	8.14	0.15	0.239	<0.01	1.18
C766954		1.36	13.50	0.01	11.20	0.013	0.04	0.683	8.20	11.75	0.2	7.96	0.15	0.337	<0.01	1.66
C766955		1.18	13.50	0.01	11.10	0.013	0.04	0.904	8.43	12.05	0.3	7.86	0.15	0.431	<0.01	2.07
C766956		1.27	13.40	0.01	10.80	0.014	0.04	0.786	8.58	12.25	0.4	8.04	0.15	0.386	<0.01	1.94
C766957		1.23	13.55	0.01	11.15	0.009	0.04	0.434	7.47	10.65	0.3	8.22	0.15	0.204	<0.01	1.02



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 SUDBURY ON P3E 5P5

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Project: Janes

CERTIFICATE OF ANALYSIS SD21160271
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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	PUL-QC	CRU-QC	Ag-AA45
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Pass75um	Pass2mm	Ag
	Units LOD	%	%	%	ppm	ppm	ppm	%	%	ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766918		48.8	0.41	0.006	0.263	0.445	2.85			2.3
C766919		51.1	0.46	0.005	0.186	0.294	1.845			1.6
C766920		50.1	0.73	0.009	0.172	0.302	0.355			2.0
C766921		51.1	0.47	0.005	0.088	0.115	0.743			0.6
C766922		50.5	0.48	0.005	0.118	0.175	1.145			0.8
C766923		50.9	0.52	0.004	0.059	0.092	0.583			0.5
C766924		49.6	0.46	0.006	0.133	0.218	1.290			1.0
C766925		51.1	0.48	0.004	0.010	0.025	0.094			<0.2
C766926		50.5	0.52	0.005	0.009	0.019	0.066			<0.2
C766927		40.4	0.55	0.020	<0.001	0.033	0.116			<0.2
C766928		35.1	0.57	0.022	<0.001	0.015	0.029			<0.2
C766929		31.7	0.51	0.021	<0.001	0.012	0.020			<0.2
C766930		56.9	0.46	0.006	<0.001	<0.005	0.005			<0.2
C766931		51.8	0.46	0.005	0.075	0.056	0.222			0.6
C766932		49.4	0.45	0.007	0.157	0.115	0.459			1.5
C766933		51.8	0.48	0.005	0.084	0.055	0.216			0.6
C766934		52.8	0.50	0.004	0.004	0.014	0.032			<0.2
C766935		50.5	0.46	0.005	0.102	0.073	0.255			0.7
C766936		52.8	0.49	0.004	0.009	0.019	0.070			<0.2
C766937		51.1	0.47	0.005	0.137	0.109	0.476			1.1
C766938		51.1	0.46	0.006	0.173	0.157	0.740			1.6
C766939		51.1	0.46	0.006	0.184	0.183	0.867			1.5
C766940		30.2	0.45	0.020	0.131	0.843	0.880			5.8
C766941		51.3	0.46	0.007	0.252	0.169	0.843			1.5
C766942		51.3	0.46	0.006	0.220	0.193	0.954			1.5
C766943		50.7	0.45	0.006	0.270	0.254	1.325			1.8
C766944		50.5	0.45	0.006	0.239	0.211	1.125			1.8
C766945		49.6	0.44	0.006	0.333	0.269	1.450			2.0
C766946		51.8	0.48	0.005	0.197	0.160	0.895		82.4	1.2
C766947		51.6	0.49	0.005	0.194	0.151	0.850			1.1
C766948		51.6	0.48	0.006	0.257	0.254	1.345			1.6
C766949		52.0	0.51	0.007	0.243	0.229	1.335			1.3
C766950		52.0	0.50	0.007	0.249	0.231	1.345			1.3
C766951		52.0	0.51	0.005	0.148	0.148	0.856			0.8
C766952		52.4	0.52	0.005	0.087	0.115	0.742			0.5
C766953		51.3	0.48	0.007	0.157	0.252	1.770			1.5
C766954		49.6	0.47	0.006	0.268	0.429	2.75			2.0
C766955		49.2	0.45	0.006	0.338	0.515	3.43			2.9
C766956		49.6	0.46	0.006	0.292	0.498	3.38	88.0		2.5
C766957		50.5	0.47	0.005	0.154	0.288	1.805	91.1	90.9	1.3



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21160271**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
C766958		1.11	13.65	0.01	11.15	0.010	0.04	0.526	7.82	11.20	0.3	8.50	0.15	0.243	<0.01	1.21
C766959		1.16	13.95	0.01	10.95	0.007	0.04	0.407	7.48	10.70	0.3	8.46	0.15	0.183	<0.01	0.93
C766960		0.08	10.45	0.01	5.81	0.036	0.03	0.917	18.15	25.9	0.6	5.79	0.15	1.190	<0.01	6.84
C766961		1.13	13.65	0.01	11.00	0.009	0.04	0.583	8.07	11.55	0.3	8.71	0.16	0.254	<0.01	1.27
C766962		1.24	13.40	0.01	10.65	0.012	0.04	0.550	7.85	11.20	0.5	8.86	0.15	0.259	<0.01	1.27
C766963		1.42	13.75	0.01	10.90	0.010	0.04	0.344	7.47	10.65	0.4	8.53	0.16	0.176	<0.01	0.86
C766964		1.14	13.75	0.01	11.20	0.005	0.04	0.071	6.70	9.58	0.4	8.61	0.16	0.045	<0.01	0.22
C766965		0.99	13.75	0.01	12.40	0.009	0.08	0.607	7.36	10.50	0.3	9.10	0.14	0.218	<0.01	1.49
C766966		1.10	13.35	0.01	10.95	0.005	0.05	0.446	6.99	9.99	0.2	8.89	0.14	0.177	<0.01	1.11
C766967		1.32	14.20	0.01	7.86	0.005	0.05	0.316	6.53	9.34	0.8	9.14	0.12	0.157	<0.01	0.86
C766968		1.31	14.15	0.01	10.50	0.008	0.05	0.461	6.82	9.75	0.4	9.24	0.13	0.194	<0.01	1.09
C766969		1.17	14.20	0.01	12.10	0.007	0.06	0.468	7.04	10.05	0.2	8.51	0.14	0.189	<0.01	1.23
C766970		0.98	17.55	<0.01	7.50	<0.002	0.02	0.008	4.60	6.58	1.1	5.22	0.10	0.009	<0.01	0.13
C766971		1.05	14.30	0.01	11.90	0.006	0.05	0.405	6.66	9.52	0.3	8.41	0.14	0.164	<0.01	1.04
C766972		1.21	14.40	0.01	12.05	0.007	0.06	0.410	6.85	9.79	0.4	8.41	0.14	0.168	<0.01	1.02
C766973		1.16	14.35	0.01	11.95	0.007	0.05	0.426	6.89	9.85	0.4	8.31	0.14	0.178	<0.01	1.08
C766974		1.17	14.35	<0.01	12.00	0.008	0.06	0.477	7.22	10.30	0.4	8.44	0.15	0.205	<0.01	1.24
C766975		1.18	14.35	<0.01	11.90	0.004	0.05	0.281	6.90	9.86	0.4	8.64	0.16	0.125	<0.01	0.72
C766976		1.31	14.20	0.01	12.10	0.009	0.05	0.394	7.14	10.20	0.4	8.49	0.15	0.178	<0.01	1.09
C766977		1.25	14.05	0.01	11.95	0.009	0.05	0.457	7.34	11.50	0.3	8.52	0.14	0.214	<0.01	1.28
C766978		1.19	13.80	0.01	11.35	0.008	0.05	0.453	7.24	10.35	0.3	8.61	0.14	0.202	<0.01	1.22
C766979		1.28	13.75	0.01	11.80	0.010	0.05	0.629	7.80	11.15	0.3	8.36	0.14	0.288	<0.01	1.71
C766980		0.08	10.25	0.01	5.76	0.033	0.03	0.885	17.60	25.2	0.6	5.60	0.14	1.160	<0.01	6.75
C766981		1.21	13.95	0.01	11.50	0.010	0.05	0.620	7.66	10.95	0.4	8.32	0.14	0.247	<0.01	1.49
C766982		1.22	14.35	0.01	11.60	0.007	0.05	0.362	7.05	10.10	0.4	8.44	0.15	0.160	<0.01	0.92
C766983		1.26	13.80	0.01	11.35	0.009	0.05	0.599	7.62	10.90	0.4	8.29	0.14	0.256	<0.01	1.51
C766984		1.19	14.00	<0.01	11.40	0.010	0.04	0.598	7.69	11.00	0.3	8.52	0.15	0.244	<0.01	1.38
C766985		1.13	14.05	0.01	11.65	0.010	0.04	0.687	7.92	11.30	0.4	8.42	0.14	0.309	<0.01	1.72
C766986		1.26	13.95	<0.01	11.65	0.011	0.05	0.761	8.45	12.10	0.3	8.32	0.15	0.359	<0.01	2.00
C766987		1.24	14.10	0.01	11.80	0.012	0.05	0.881	8.57	12.25	0.4	8.21	0.15	0.385	<0.01	2.21
C766988		1.19	13.55	0.01	11.15	0.011	0.04	0.827	8.31	11.90	0.3	7.93	0.14	0.376	<0.01	2.09
C766989		1.20	13.35	0.02	11.00	0.013	0.05	0.856	8.54	12.20	0.3	8.01	0.15	0.392	<0.01	2.25
C766990		<0.02	13.70	0.01	11.30	0.012	0.05	0.872	8.67	12.40	0.3	8.17	0.15	0.392	<0.01	2.26
C766991		1.24	13.50	0.01	11.20	0.011	0.05	0.801	8.04	11.50	0.3	7.99	0.14	0.318	<0.01	1.84
C766992		1.27	14.05	<0.01	12.00	0.009	0.05	0.794	8.23	11.75	0.3	8.19	0.14	0.344	<0.01	1.91
C766993		1.18	13.60	<0.01	10.95	0.010	0.05	0.624	7.86	11.25	0.4	8.04	0.14	0.327	<0.01	1.74
C766994		1.21	14.30	0.01	11.40	0.008	0.05	0.837	8.06	11.50	0.3	8.17	0.15	0.264	<0.01	1.61
C766995		1.26	13.85	0.01	11.70	0.010	0.05	0.850	8.43	12.05	0.3	8.08	0.14	0.364	<0.01	2.05
C766996		1.23	13.90	<0.01	11.60	0.011	0.05	0.835	8.37	11.95	0.3	8.26	0.15	0.392	<0.01	2.06
C766997		1.25	13.95	<0.01	11.95	0.010	0.05	0.761	8.28	11.85	0.3	8.36	0.15	0.348	<0.01	1.87



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		SiO2	TiO2	Zn	Au	Pt	Pd	Pass75um	Pass2mm	Ag
		%	%	%	ppm	ppm	ppm	%	%	ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766958		50.7	0.47	0.006	0.224	0.350	2.13			1.5
C766959		51.6	0.51	0.006	0.183	0.278	1.890			1.1
C766960		42.6	0.62	0.014	0.173	0.519	0.582			3.3
C766961		51.1	0.49	0.007	0.275	0.386	2.57			1.7
C766962		50.3	0.46	0.007	0.216	0.341	2.36			1.7
C766963		51.3	0.49	0.008	0.138	0.225	1.530			1.0
C766964		51.8	0.49	0.005	0.025	0.049	0.292			0.2
C766965		51.1	0.38	0.005	0.150	0.091	0.179			2.0
C766966		49.4	0.39	0.005	0.138	0.089	0.186			1.6
C766967		52.4	0.41	0.012	0.097	0.067	0.148			1.1
C766968		50.1	0.39	0.005	0.126	0.088	0.180			1.5
C766969		50.5	0.39	0.003	0.138	0.092	0.182			1.6
C766970		58.8	0.44	0.005	<0.001	<0.005	0.003			<0.2
C766971		50.3	0.40	0.003	0.120	0.082	0.166			1.2
C766972		50.7	0.41	0.004	0.127	0.092	0.239			1.2
C766973		50.7	0.42	0.003	0.151	0.112	0.351			1.3
C766974		51.1	0.42	0.004	0.157	0.117	0.306			1.5
C766975		52.0	0.44	0.004	0.082	0.066	0.201			0.9
C766976		51.3	0.42	0.004	0.127	0.097	0.249			1.2
C766977		51.1	0.43	0.005	0.162	0.112	0.350			1.4
C766978		50.7	0.43	0.004	0.165	0.127	0.440			1.4
C766979		50.1	0.42	0.004	0.226	0.183	0.522			2.1
C766980		41.5	0.60	0.012	0.177	0.537	0.594			3.4
C766981		50.1	0.43	0.006	0.219	0.156	0.503			1.8
C766982		52.0	0.45	0.004	0.127	0.099	0.369	87.5		1.1
C766983		49.6	0.43	0.005	0.234	0.177	0.722	88.7		1.9
C766984		50.5	0.43	0.004	0.222	0.180	0.687			1.7
C766985		50.5	0.43	0.005	0.266	0.210	0.943			2.3
C766986		50.3	0.41	0.005	0.271	0.246	1.040			2.2
C766987		50.7	0.43	0.005	0.365	0.284	1.225			2.5
C766988		48.6	0.41	0.007	0.274	0.266	1.190			2.7
C766989		48.1	0.39	0.011	0.313	0.300	1.395			2.8
C766990		49.0	0.41	0.007	0.314	0.281	1.390			2.7
C766991		48.8	0.42	0.006	0.323	0.277	1.465			2.4
C766992		50.5	0.43	0.008	0.321	0.306	1.630			2.4
C766993		49.0	0.42	0.009	0.301	0.284	1.470			2.2
C766994		50.9	0.45	0.010	0.287	0.272	1.405			2.3
C766995		49.6	0.43	0.011	0.350	0.325	1.835			2.7
C766996		50.1	0.42	0.009	0.330	0.310	1.830	89.9		2.7
C766997		51.3	0.43	0.010	0.326	0.312	1.715	94.2	85.7	2.3



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Sample Description	Method Analyte Units LOD	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	ME-ICP81
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C766998		1.19	14.25	<0.01	11.85	0.008	0.05	0.488	7.69	11.00	0.3	8.48	0.15	0.222	<0.01	1.17
C766999		1.17	14.20	<0.01	12.25	0.009	0.05	0.586	7.88	11.25	0.3	8.44	0.15	0.273	<0.01	1.39
C767000		0.07	7.24	0.01	4.24	0.058	0.02	1.700	28.4	40.6	0.5	3.40	0.12	2.50	<0.01	14.65
D831501		1.24	13.95	<0.01	11.40	0.003	0.05	0.303	6.81	9.74	0.3	8.44	0.15	0.128	<0.01	0.67
D831502		1.16	14.10	0.01	12.15	0.008	0.05	0.443	7.51	10.75	0.3	8.51	0.15	0.216	<0.01	1.12
D831503		1.20	14.00	0.01	12.00	0.005	0.05	0.328	7.10	10.15	0.5	8.61	0.15	0.144	<0.01	0.78
D831504		1.21	13.95	0.01	11.80	0.007	0.05	0.493	7.47	10.70	0.4	8.34	0.15	0.224	<0.01	1.24
D831505		1.17	13.65	0.01	11.10	0.007	0.06	0.330	7.17	10.25	0.3	8.66	0.15	0.151	<0.01	0.84
D831506		1.21	13.65	0.01	11.70	0.007	0.05	0.388	7.35	10.50	0.3	8.69	0.15	0.182	<0.01	0.99
D831507		1.17	13.20	0.01	10.85	0.007	0.05	0.477	7.66	10.95	0.2	8.87	0.15	0.256	<0.01	1.24
D831508		1.19	14.15	<0.01	12.00	0.007	0.05	0.408	7.50	10.70	0.4	8.82	0.15	0.201	<0.01	1.06
D831509		1.23	13.10	<0.01	10.20	0.012	0.05	0.861	8.85	12.65	0.3	9.00	0.15	0.408	<0.01	2.04
D831510		0.84	17.85	0.01	7.82	0.002	0.02	0.013	4.59	6.56	1.3	5.17	0.09	0.009	<0.01	0.19
D831511		1.25	13.45	0.01	11.20	0.008	0.05	0.580	7.99	11.40	0.3	8.76	0.15	0.312	<0.01	1.54
D831512		1.12	13.50	0.01	11.35	0.012	0.04	0.729	8.65	12.35	0.4	8.69	0.15	0.408	<0.01	2.06
D831513		1.14	13.60	0.01	11.20	0.011	0.04	0.594	8.18	11.70	0.3	8.71	0.15	0.309	<0.01	1.56
D831514		1.19	13.70	0.01	11.25	0.007	0.04	0.466	7.68	11.00	0.3	8.74	0.15	0.220	<0.01	1.13
D831515		1.15	13.05	0.01	11.15	0.008	0.04	0.588	7.89	11.30	0.4	8.87	0.15	0.252	<0.01	1.29
D831516		1.23	13.85	0.01	11.25	0.004	0.04	0.317	7.14	10.20	0.4	8.57	0.15	0.147	<0.01	0.75
D831517		1.10	14.00	0.01	11.90	0.005	0.04	0.215	6.94	9.92	0.4	8.62	0.15	0.110	<0.01	0.59
D831518		1.29	14.20	0.01	11.40	0.003	0.04	0.026	6.36	9.09	0.4	8.92	0.15	0.021	<0.01	0.08
D831519		1.19	14.35	0.01	11.40	0.004	0.04	0.014	6.30	9.01	0.5	8.67	0.15	0.014	<0.01	0.05
D831520		0.08	12.40	0.02	7.64	0.018	0.03	0.346	10.95	15.65	0.7	7.16	0.16	0.310	<0.01	1.75
D831521		1.22	13.95	0.01	11.75	0.003	0.04	0.022	6.36	9.09	0.5	8.54	0.15	0.016	<0.01	0.11
D831522		1.24	14.20	<0.01	11.60	0.003	0.04	0.010	6.60	9.44	0.4	8.79	0.16	0.014	<0.01	0.08
D831523		1.22	14.25	<0.01	11.75	0.004	0.04	0.013	6.60	9.44	0.5	8.92	0.16	0.016	<0.01	0.08
D831524		1.28	14.15	0.01	11.55	0.005	0.04	0.025	6.58	9.41	0.6	8.90	0.16	0.016	<0.01	0.11
D831525		1.21	13.90	0.01	11.30	0.002	0.04	0.013	6.50	9.29	0.6	9.14	0.16	0.011	<0.01	0.07
D831526		1.19	13.85	0.01	11.20	0.002	0.04	0.008	6.32	9.04	0.5	8.90	0.15	0.012	<0.01	0.05
D831527		1.23	13.90	<0.01	10.85	0.004	0.04	0.009	6.51	9.31	0.5	9.19	0.16	0.012	<0.01	0.07
D831528		1.17	13.85	0.01	11.15	0.002	0.04	0.007	6.48	9.26	0.4	9.32	0.15	0.011	<0.01	0.06
D831529		1.22	13.80	<0.01	10.75	0.004	0.04	0.021	6.60	9.44	0.4	9.19	0.15	0.015	<0.01	0.08
D831530		<0.02	13.85	<0.01	11.20	0.003	0.04	0.020	6.46	9.24	0.4	8.97	0.15	0.019	<0.01	0.08
D831531		1.24	14.00	0.01	11.55	0.002	0.04	0.027	6.43	9.19	0.4	8.84	0.16	0.014	<0.01	0.08
D831532		1.15	14.10	0.01	10.85	0.003	0.04	0.053	6.64	9.49	0.5	9.18	0.16	0.020	<0.01	0.14
D831533		1.24	14.10	0.01	11.40	0.004	0.04	0.038	6.54	9.35	0.4	8.85	0.16	0.016	<0.01	0.10
D831534		1.18	14.15	0.01	11.60	0.003	0.04	0.056	6.57	9.40	0.4	8.68	0.16	0.022	<0.01	0.14
D831535		1.41	13.95	<0.01	11.35	0.003	0.04	0.145	6.75	9.65	0.4	8.59	0.15	0.060	<0.01	0.36
D831536		2.34	14.10	0.01	11.65	0.005	0.04	0.009	6.56	9.38	0.4	8.68	0.16	0.013	<0.01	0.05
D831537		2.55	14.20	0.01	11.60	0.003	0.04	0.008	6.60	9.44	0.4	8.66	0.16	0.015	<0.01	0.08



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 Account: SDPTCP

Project: Janes

CERTIFICATE OF ANALYSIS SD21160271
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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	PUL-QC	CRU-QC	Ag-AA45
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd	Pass75um	Pass2mm	Ag
	Units LOD	%	%	%	ppm	ppm	ppm	%	%	ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
C766998		48.8	0.45	0.007	0.220	0.213	1.120			1.5
C766999		48.3	0.44	0.006	0.251	0.241	1.305			1.8
C767000		28.2	0.44	0.020	0.117	0.710	0.762			5.3
D831501		50.9	0.46	0.003	0.148	0.147	0.781			1.0
D831502		51.8	0.44	0.004	0.208	0.207	1.195			1.5
D831503		51.8	0.46	0.003	0.161	0.168	0.882			0.9
D831504		50.9	0.44	0.004	0.231	0.242	1.430			1.6
D831505		50.9	0.45	0.003	0.140	0.178	0.967			0.9
D831506		51.1	0.45	0.003	0.178	0.184	1.120			1.2
D831507		50.5	0.42	0.003	0.201	0.263	1.710			1.4
D831508		52.4	0.46	0.003	0.169	0.202	1.210			1.2
D831509		49.6	0.41	0.004	0.328	0.391	2.54			2.7
D831510		59.0	0.44	0.004	<0.001	<0.005	0.022			<0.2
D831511		50.5	0.43	0.005	0.249	0.304	1.825			1.7
D831512		50.5	0.41	0.004	0.304	0.377	2.22			2.3
D831513		50.9	0.45	0.004	0.257	0.321	1.965			1.7
D831514		51.3	0.47	0.003	0.198	0.252	1.705			1.3
D831515		50.1	0.45	0.005	0.268	0.364	2.28			1.8
D831516		51.6	0.48	0.003	0.128	0.173	1.185			1.0
D831517		52.0	0.48	0.003	0.083	0.129	0.809			0.6
D831518		53.5	0.50	0.003	0.006	0.021	0.075			0.2
D831519		53.1	0.49	0.003	0.003	0.011	0.022			<0.2
D831520		50.1	0.73	0.008	0.171	0.324	0.359			2.1
D831521		52.2	0.48	0.003	0.013	0.024	0.070			<0.2
D831522		53.3	0.51	0.003	0.001	0.013	0.014			<0.2
D831523		53.7	0.50	0.005	0.003	0.012	0.018			<0.2
D831524		53.3	0.50	0.005	0.013	0.019	0.053			0.2
D831525		53.1	0.49	0.005	0.003	0.010	0.017			<0.2
D831526		52.6	0.48	0.004	0.002	0.011	0.014			<0.2
D831527		53.1	0.49	0.004	0.002	0.010	0.015			<0.2
D831528		53.5	0.50	0.004	<0.001	0.011	0.012			<0.2
D831529		52.8	0.49	0.004	0.011	0.016	0.037			<0.2
D831530		52.6	0.49	0.004	0.007	0.016	0.034			<0.2
D831531		53.1	0.50	0.005	0.008	0.013	0.026			0.2
D831532		52.6	0.50	0.006	0.019	0.027	0.052			0.2
D831533		52.4	0.50	0.006	0.019	0.029	0.054			0.2
D831534		52.4	0.50	0.006	0.022	0.021	0.049			0.3
D831535		51.6	0.49	0.006	0.072	0.064	0.309			0.5
D831536		52.2	0.51	0.005	<0.001	0.011	0.015	89.7		<0.2
D831537		52.6	0.51	0.007	0.001	0.009	0.013	89.0	78.0	<0.2



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21160271**

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 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
D831538		1.25	14.85	0.01	12.60	0.004	0.09	0.044	5.80	8.29	0.5	9.05	0.14	0.025	<0.01	0.18
D831539		1.11	15.10	0.01	12.75	0.004	0.09	0.009	5.70	8.15	0.6	9.06	0.14	0.015	<0.01	0.06
D831540		0.08	12.60	0.02	7.58	0.020	0.03	0.350	11.15	15.95	0.7	7.21	0.16	0.316	<0.01	1.77
D831541		1.30	14.55	0.01	12.65	0.005	0.09	0.119	6.06	8.66	0.6	9.06	0.14	0.057	<0.01	0.36
D831542		1.18	14.40	0.01	12.75	0.004	0.09	0.043	5.92	8.47	0.5	9.49	0.14	0.028	<0.01	0.16
D831543		1.19	14.40	0.01	12.65	0.002	0.09	0.051	5.83	8.34	0.4	9.09	0.14	0.037	<0.01	0.22
D831544		1.21	13.95	0.01	12.35	0.004	0.08	0.212	6.32	9.03	0.4	9.29	0.15	0.075	<0.01	0.54
D831545		1.15	14.00	0.01	11.80	0.007	0.09	0.110	6.10	8.72	0.4	9.46	0.14	0.059	<0.01	0.36
D831546		1.05	14.05	0.01	11.60	0.002	0.09	0.052	5.96	8.53	0.5	9.68	0.14	0.029	<0.01	0.18
D831547		1.04	13.65	0.01	11.05	0.004	0.08	0.067	5.94	8.50	0.7	9.56	0.14	0.036	<0.01	0.47
D831548		1.28	14.10	0.01	11.10	0.003	0.09	0.060	6.11	8.74	0.4	9.85	0.14	0.032	<0.01	0.14
D831549		1.07	13.70	0.01	9.47	0.003	0.09	0.105	6.18	8.84	0.6	10.30	0.13	0.056	<0.01	0.27
D831550		0.93	17.50	0.01	7.28	0.002	0.02	0.005	4.46	6.37	1.0	5.02	0.09	0.004	<0.01	0.13
D831551		1.12	13.30	0.01	8.37	0.008	0.09	0.251	6.76	9.67	0.9	10.70	0.12	0.127	<0.01	1.11
D831552		0.94	10.95	0.02	5.96	0.016	0.08	0.152	11.05	15.80	1.6	8.52	0.09	0.209	0.01	7.95
D831553		1.28	10.15	0.02	4.63	0.030	0.07	0.270	12.10	17.30	2.2	7.19	0.06	0.277	0.01	10.15
D831554		1.09	13.50	0.01	8.87	0.009	0.09	0.359	7.41	10.60	0.9	10.30	0.11	0.186	<0.01	2.04
D831555		1.18	14.30	0.01	10.35	0.005	0.09	0.236	6.55	9.36	0.5	10.20	0.14	0.103	<0.01	0.56
D831556		1.12	13.60	0.01	9.46	0.010	0.09	0.321	6.54	9.35	1.1	10.10	0.12	0.144	<0.01	0.83
D831557		1.06	13.65	0.01	12.00	0.008	0.08	0.377	6.96	9.96	0.3	9.05	0.14	0.167	<0.01	1.15
D831558		1.20	13.70	0.01	12.35	0.007	0.08	0.312	6.81	9.74	0.4	9.08	0.15	0.135	<0.01	0.86
D831559		1.09	13.20	0.01	12.25	0.009	0.09	0.473	7.48	10.70	0.5	9.46	0.15	0.211	<0.01	1.32
D831560		0.06	10.50	0.01	5.79	0.033	0.03	0.900	17.80	25.4	0.6	5.70	0.14	1.180	<0.01	6.86
D831561		1.31	14.30	0.01	12.05	0.005	0.07	0.307	6.83	9.76	0.4	9.00	0.15	0.128	<0.01	0.76
D831562		1.19	14.75	0.01	12.15	0.004	0.06	0.256	6.62	9.46	0.3	9.06	0.15	0.097	<0.01	0.62
D831563		1.25	14.75	0.01	12.00	0.004	0.06	0.169	6.45	9.22	0.5	9.15	0.15	0.070	<0.01	0.43
D831564		1.17	14.90	0.01	12.10	0.002	0.06	0.009	5.90	8.44	0.5	8.94	0.15	0.014	<0.01	0.05
D831565		1.16	14.40	0.01	11.80	0.002	0.05	0.009	5.95	8.50	0.7	9.05	0.15	0.014	<0.01	0.05
D831566		1.21	14.50	0.01	11.90	0.003	0.05	0.104	6.33	9.05	0.5	8.93	0.15	0.054	<0.01	0.30





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Project: Janes

CERTIFICATE OF ANALYSIS SD21160271
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Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	PUL-QC	CRU-QC	Ag-AA45
	Analyte Units LOD	SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Pass75um %	Pass2mm %	Ag ppm
		0.2	0.01	0.002	0.001	0.005	0.001	0.01	0.01	0.2
D831538		52.0	0.42	0.005	0.014	0.021	0.035			<0.2
D831539		52.8	0.44	0.005	0.001	0.010	0.016			<0.2
D831540		50.1	0.73	0.011	0.172	0.320	0.363			1.9
D831541		51.6	0.41	0.006	0.035	0.024	0.044			0.4
D831542		53.1	0.44	0.006	0.012	0.019	0.027			<0.2
D831543		51.8	0.43	0.005	0.013	0.017	0.032			<0.2
D831544		50.7	0.41	0.009	0.068	0.031	0.052			1.0
D831545		50.9	0.42	0.020	0.031	0.034	0.045			0.8
D831546		51.3	0.43	0.006	0.013	0.019	0.024			0.2
D831547		48.6	0.40	0.005	0.019	0.016	0.033			0.7
D831548		51.6	0.44	0.006	0.016	0.023	0.051			0.3
D831549		51.1	0.44	0.005	0.042	0.031	0.054			0.6
D831550		56.5	0.42	0.007	<0.001	<0.005	0.002			<0.2
D831551		49.8	0.42	0.016	0.072	0.058	0.099			1.9
D831552		44.9	0.35	0.004	0.035	0.028	0.057			7.3
D831553		44.1	0.31	0.002	0.067	0.047	0.128			8.8
D831554		48.8	0.41	0.007	0.113	0.075	0.168			3.2
D831555		51.1	0.44	0.019	0.074	0.053	0.121			1.8
D831556		50.7	0.42	0.019	0.110	0.072	0.166			2.2
D831557		49.8	0.40	0.010	0.136	0.087	0.167	92.0		1.9
D831558		50.7	0.41	0.007	0.109	0.062	0.137			1.2
D831559		50.3	0.39	0.007	0.149	0.098	0.195			1.7
D831560		41.7	0.60	0.014	0.176	0.579	0.619			3.5
D831561		50.7	0.40	0.008	0.101	0.064	0.126			1.2
D831562		52.0	0.42	0.008	0.072	0.055	0.104			0.9
D831563		52.0	0.43	0.006	0.055	0.042	0.083			0.7
D831564		52.2	0.44	0.005	0.003	0.013	0.017			<0.2
D831565		51.8	0.42	0.007	0.003	0.012	0.017			<0.2
D831566		51.8	0.44	0.005	0.035	0.032	0.077			0.3



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To: SPC NICKEL CORP.  
9C - 1351 KELLY LAKE ROAD  
SUDBURY ON P3E 5P5

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 11-JUL-2021  
Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21160271**

### 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-21
	LOG-23	PUL-31	PUL-31d
	SPL-21	SPL-21d	WEI-21
			LOG-21d
			PUL-QC
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Ag-AA45	ME-ICP81	PGM-ICP23



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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

Page: 1  
 Total # Pages: 2 (A)  
 Plus Appendix Pages  
 Finalized Date: 21-JUL-2021  
 Account: SDPTCP

**CERTIFICATE SD21181545**

Project: SDPTCP\_SD21160271

This report is for 18 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 14-JUL-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
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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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

Page: 2 - A  
 Total # Pages: 2 (A)  
 Plus Appendix Pages  
 Finalized Date: 21-JUL-2021  
 Account: SDPTCP

Project: SDPTCP\_SD21160271

CERTIFICATE OF ANALYSIS SD21181545
------------------------------------

Sample Description	Method Analyte Units LOD	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
C766991		0.310	0.290	1.455
C766992		0.324	0.303	1.645
C766993		0.314	0.275	1.470
C766994		0.284	0.257	1.415
C766995		0.331	0.348	1.865
C766996		0.331	0.342	1.855
C766997		0.310	0.302	1.730
C766998		0.212	0.214	1.100
C766999		0.263	0.231	1.275
D831501		0.146	0.153	0.789
D831502		0.205	0.212	1.195
D831503		0.175	0.165	0.901
D831504		0.239	0.239	1.480
D831505		0.151	0.164	0.972
D831506		0.177	0.184	1.145
D831507		0.205	0.260	1.700
D831508		0.151	0.196	1.235
D831509		0.291	0.389	2.57



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To: SPC NICKEL CORP.  
9C - 1351 KELLY LAKE ROAD  
SUDBURY ON P3E 5P5

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 21-JUL-2021  
Account: SDPTCP

Project: SDPTCP\_SD21160271

**CERTIFICATE OF ANALYSIS SD21181545**

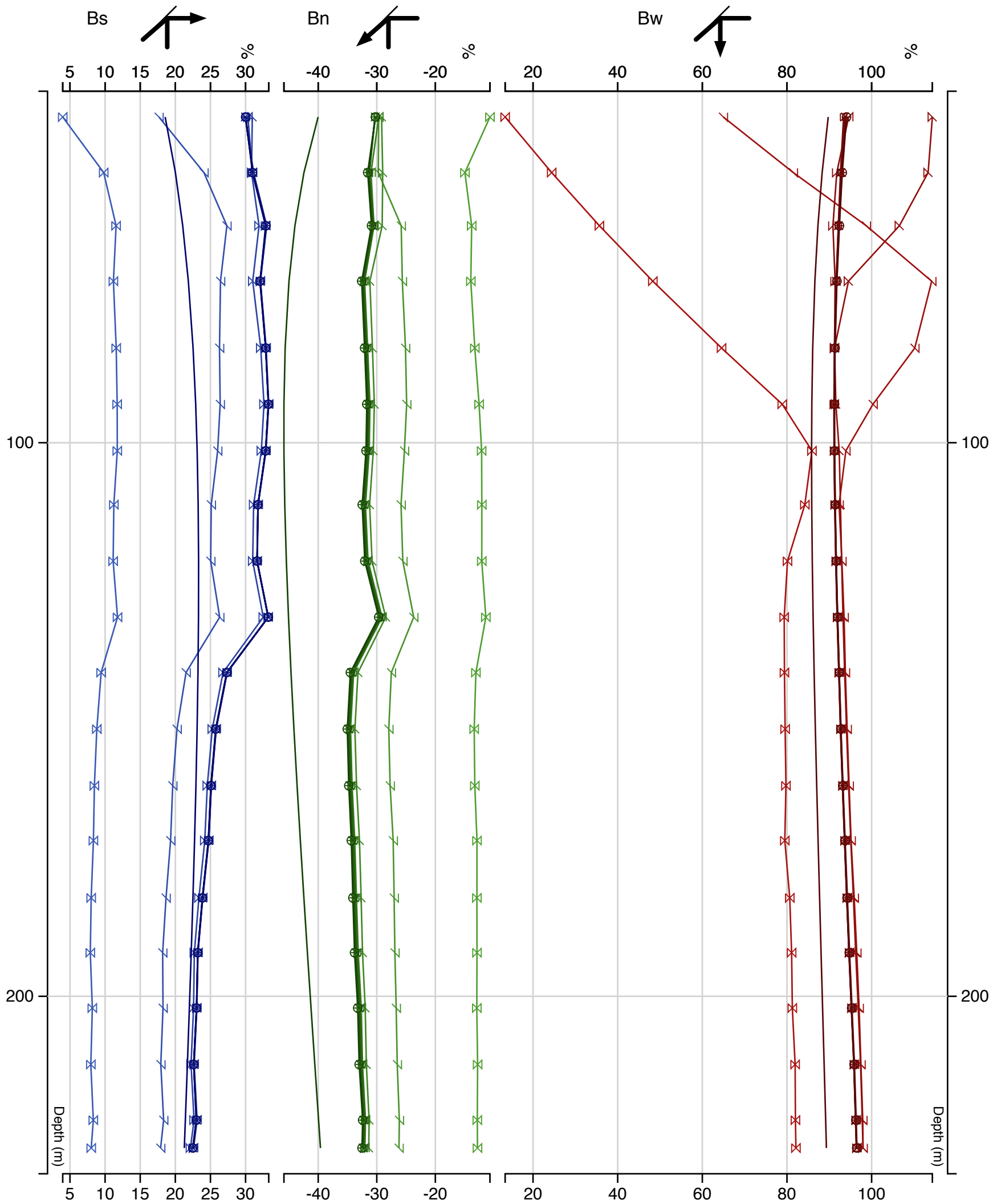
**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
FND-02 PGM-ICP23

## **Appendix 5. BHEM profiles for JR99-04**



Hole: JR99-04  
 Loop: 2  
 Cpt: Bs, Bn, Bw  
 S 0.0° Tr 0.00

Chn / |Bpl (%)  
 Cont norm @ Δz: 0m  
 Base Freq: 31.0001Hz  
 AS1Lp0002\_HJR99-04.3cH5 / EM 3-Axis\*

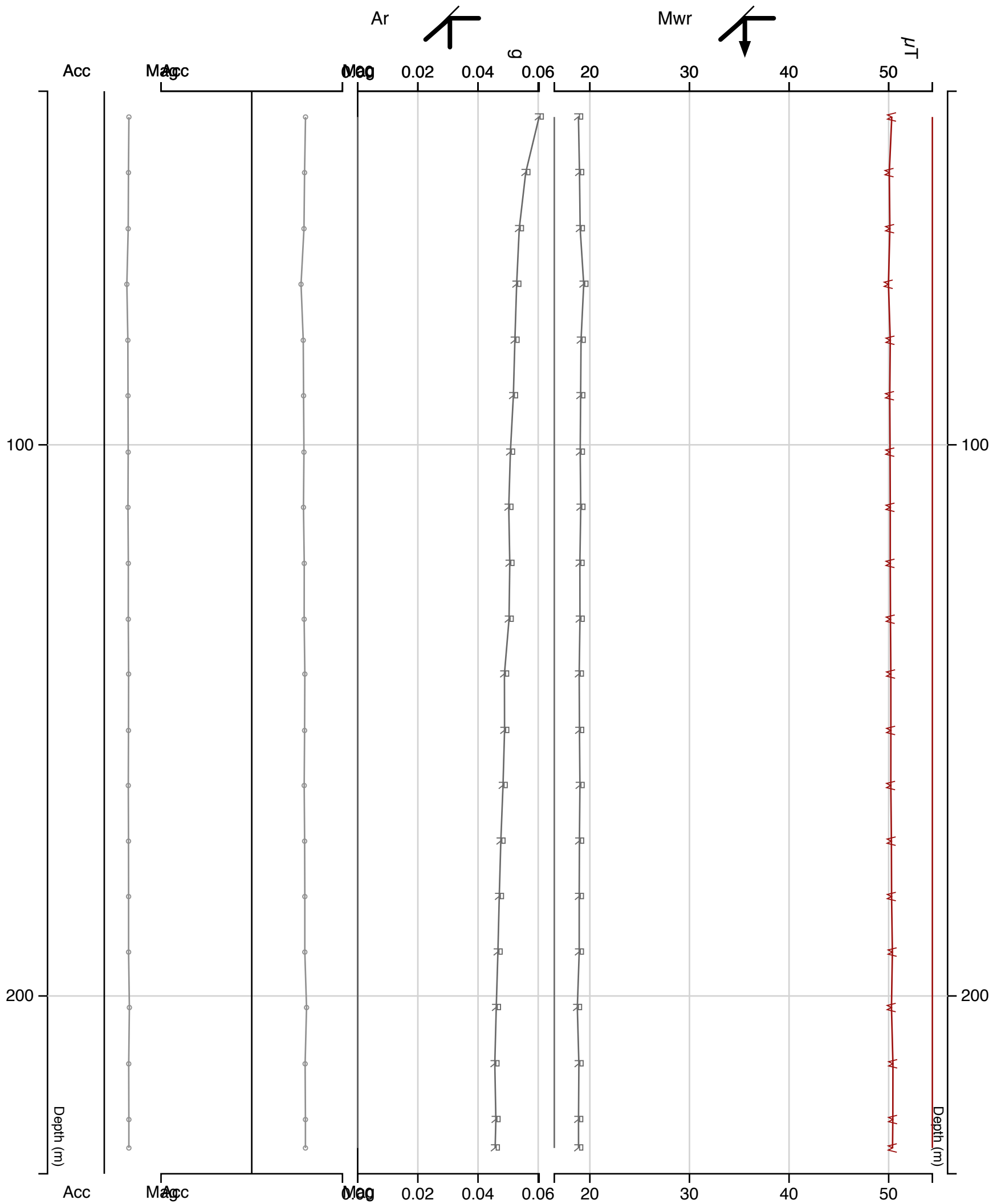
BHUTEM-4 Survey at: Janes Project  
 For: SPC Nickel Corp.

**LAMONTAGNE** GEOPHYSICS LTD.  
 GÉOPHYSIQUE LTÉE. Job 2102

Surv: 9/6/21  
 Red: 10/8/21  
 Plot: 11/8/21

Hole / Line	Field	Survey Location
Loop:	Normalization	For:
Cpt:	Base Freq:	Surv:
Azimuth	File Name / Pref Name	Red:
		Plot:





Hole: JR99-04  
 Loop: 1  
 Cpt: (Mag & Acc)  
 S 0.0° Tr 0.00

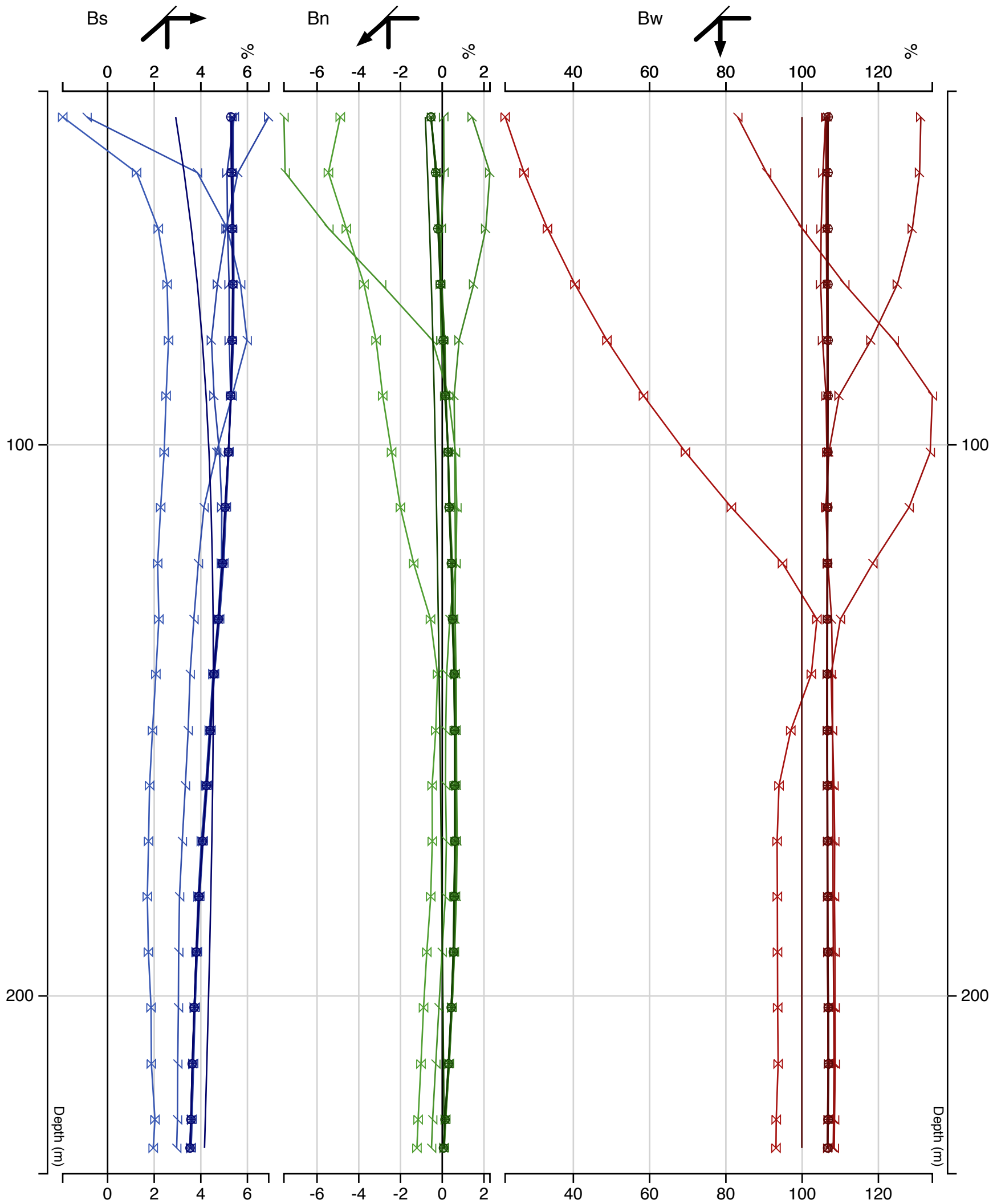
Field: n/a  
 Normalization: n/a  
 Base Freq: 31.0001Hz  
 AS1Lp0001\_HJR99-04.3ch5 / 3-Axis Mag-Acc\*

BHUTEM-4 Survey at: Janes Project  
 For: SPC Nickel Corp.

**LAMONTAGNE** GEOPHYSICS LTD.  
 GÉOPHYSIQUE LTÉE. Job 2102

Surv: 9/6/21  
 Red: 10/8/21  
 Plot: 11/8/21

Hole / Line	Field	Survey Location
Loop:	Normalization	For:
Cpt:	Base Freq:	Surv:
Azimuth	File Name / Pref Name	Red:
		Plot:



Hole: JR99-04  
 Loop: 1  
 Cpt: Bs, Bn, Bw  
 S 0.0° Tr 0.00

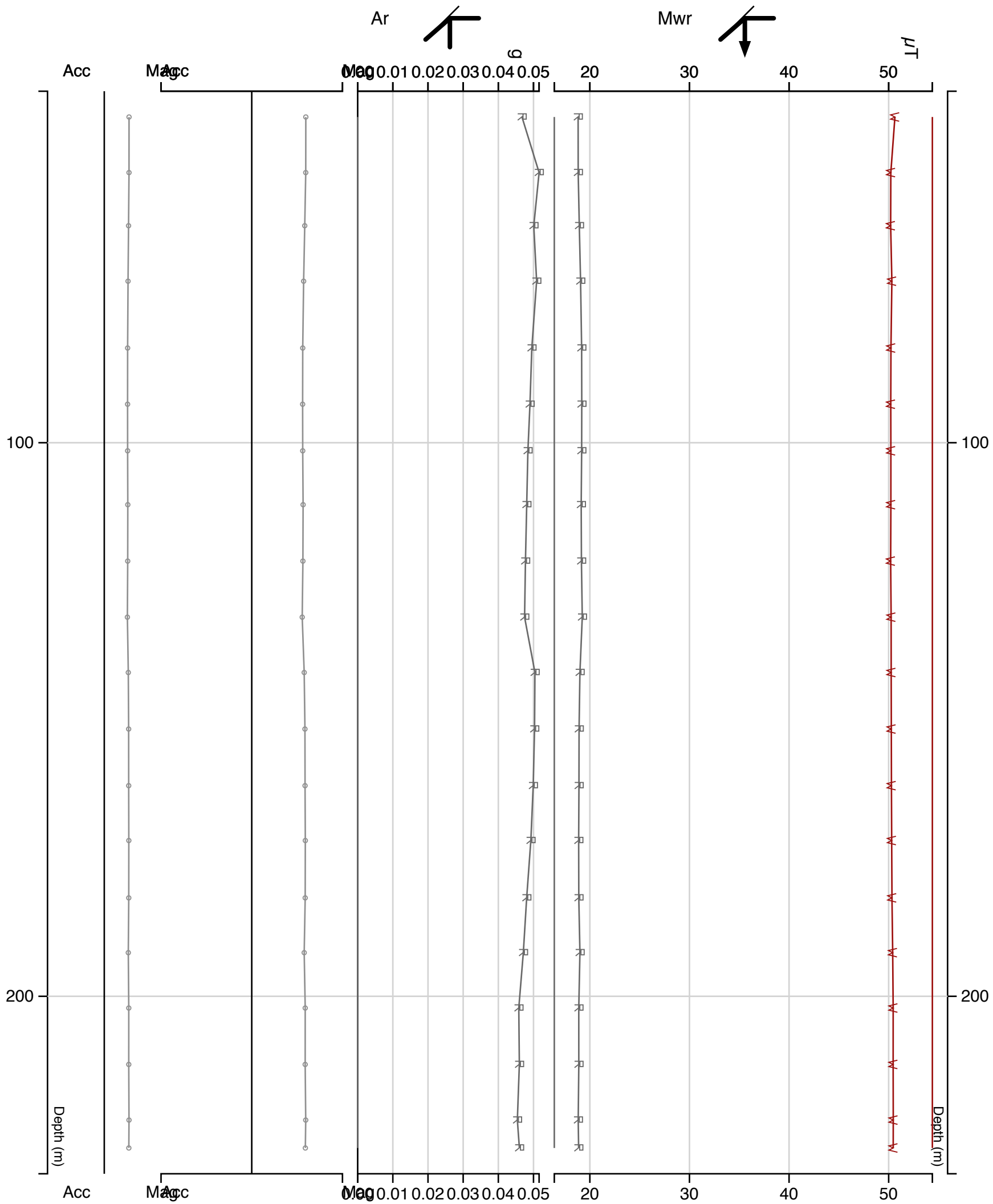
Chn / |Bpl (%)  
 Cont norm @ Δz: 0m  
 Base Freq: 31.0001Hz  
 AS1Lp0001\_HJR99-04.3cH5 / EM 3-Axis\*

BHUTEM-4 Survey at: Janes Project  
 For: SPC Nickel Corp.

**LAMONTAGNE** GEOPHYSICS LTD.  
 GÉOPHYSIQUE LTÉE. Job 2102

Surv: 9/6/21  
 Red: 10/8/21  
 Plot: 11/8/21

Hole / Line	Field	Survey Location
Loop:	Normalization	For:
Cpt:	Base Freq:	Surv:
Azimuth	File Name / Pref Name	Red:
		Plot:



Hole: JR99-04  
 Loop: 2  
 Cpt: (Mag & Acc)  
 S 0.0° Tr 0.00

Field: n/a  
 Normalization: n/a  
 Base Freq: 31.0001Hz  
 AS1Lp0002\_HJR99-04.3ch5 / 3-Axis Mag-Acc\*

BHUTEM-4 Survey at: Janes Project  
 For: SPC Nickel Corp.

**LAMONTAGNE** GEOPHYSICS LTD.  
 GÉOPHYSIQUE LTÉE. Job 2102

Surv: 9/6/21  
 Red: 10/8/21  
 Plot: 11/8/21

Hole / Line	Field	Survey Location
Loop:	Normalization	For:
Cpt:	Base Freq:	Surv:
Azimuth	File Name / Pref Name	Red:
		Plot:

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Geologist	Assistant	Work performed	Vehicle	km	Travel hrs	Field hrs
1	27-May-21	Rachel Chouinard	Nia Gauthier	Drill supervision	Black Dodge	195	3	4
2	28-May-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
3	29-May-21	Rachel Chouinard	-	Drill supervision and core logging	Black Dodge	195	3	4
4	31-May-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
5	1-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
6	4-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
7	5-Jun-21	Rachel Chouinard	-	Core logging	-	-	0	0
8	6-Jun-21	Rachel Chouinard	-	Drill supervision and core logging	Black Dodge	195	3	4
9	7-Jun-21	-	Nia Gauthier	Core teching	-	-	0	0
10	8-Jun-21	Rachel Chouinard	Nia Gauthier	Core logging	-	-	0	0
11	9-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
12	10-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
13	11-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
14	12-Jun-21	Grant Murre	-	Drill supervision	Black Dodge	195	3	2
15	14-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	6
16	15-Jun-21	Rachel Chouinard	Nia Gauthier	Core logging	-	-	0	0
17	16-Jun-21	Rachel Chouinard	Nia Gauthier	Drill supervision and core logging	Black Dodge	195	3	4
18	17-Jun-21	Rachel Chouinard	Nia Gauthier	Core logging	-	-	0	0
19	18-Jun-21	Rachel Chouinard	-	Core logging	-	-	0	0
20	22-Jun-21	Rachel Chouinard	Nia Gauthier	Spruce Twig Sampling	Black Dodge	195	3	5
21	23-Jun-21	Rachel Chouinard	Nia Gauthier	Spruce Twig Sampling	Black Dodge	195	3	6
22	24-Jun-21	Rachel Chouinard	Nia Gauthier	Spruce Twig Sampling	Black Dodge	195	3	6
23	28-Jun-21	Rachel Chouinard	Nia Gauthier	Spruce Twig Sampling	Black Dodge	195	3	6
24	1-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
25	6-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Claims	Sample type	# samples for analysis	Comments
1	27-May-21	284640			
2	28-May-21	284640			
3	29-May-21	284640			
4	31-May-21	284640			
5	1-Jun-21	284640			
6	4-Jun-21	284640			
7	5-Jun-21	-			Core shack
8	6-Jun-21	284640			
9	7-Jun-21	-			Core shack
10	8-Jun-21	-			Core shack
11	9-Jun-21	284640			
12	10-Jun-21	284640			
13	11-Jun-21	226042			
14	12-Jun-21	226042			
15	14-Jun-21	226042			
16	15-Jun-21	-			Core shack
17	16-Jun-21	284640			
18	17-Jun-21	-			Core shack
19	18-Jun-21	-			Core shack
20	22-Jun-21	256127	Spruce twig	10	
21	23-Jun-21	284640	Spruce twig	3	
		311585	Spruce twig	12	
22	24-Jun-21	311585	Spruce twig	2	
		218723	Spruce twig	9	
		226042	Spruce twig	2	
		284640	Spruce twig	10	
23	28-Jun-21	284640	Spruce twig	7	
		256127	Spruce twig	6	
24	1-Jul-21	256127	Grab	2	
		218722	Grab	1	
25	6-Jul-21	218722		0	
		256127			



Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Geologist	Assistant	Work performed	Vehicle	km	Travel hrs	Field hrs
26	8-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	6
27	9-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	6
28	12-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
29	13-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
30	14-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	White Ram	195	4	4
31	16-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
32	19-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
33	20-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
34	21-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
35	22-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
36	26-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
37	27-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
38	28-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
39	29-Jul-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
40	30-Jul-21	Rachel Chouinard	Chris Benoit	Bedrock mapping	Black Dodge	195	3	5
41	2-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Claims	Sample type	# samples for analysis	Comments
26	8-Jul-21	284640 256127		0	
27	9-Jul-21	256127	Grab	2	
28	12-Jul-21	256127	Grab	5	
29	13-Jul-21	256127	Grab	1	
30	14-Jul-21	284640 256127	Grab	2	
31	16-Jul-21	311585 218723		0	
32	19-Jul-21	284640 311585	Grab	2	
33	20-Jul-21	284640 218723 311585		0	
34	21-Jul-21	226042 284640	Grab	1 1	
35	22-Jul-21	226042 284640 256128		0	
36	26-Jul-21	284640	Grab	3	
37	27-Jul-21	284640 256127 201017	Grab	1 1 1	
38	28-Jul-21	582747	Grab	1	
39	29-Jul-21	256128	Grab	2	
40	30-Jul-21	582747 256128		0	
41	2-Aug-21	226042 187995 256129 256128		0	

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Geologist	Assistant	Work performed	Vehicle	km	Travel hrs	Field hrs
42	3-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
43	4-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
44	5-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
45	6-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
46	11-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	4
47	12-Aug-21	Rachel Chouinard	Nia Gauthier	Stripping outcrop	Black Dodge	195	3	5
48	13-Aug-21	Rachel Chouinard	Nia Gauthier	Stripping outcrop	Black Dodge	195	3	5
49	16-Aug-21	Rachel Chouinard	Nia Gauthier	Detailed trench mapping	Black Dodge	195	3	3
50	17-Aug-21	Rachel Chouinard	Nia Gauthier	Detailed trench mapping	Black Dodge	195	3	4
51	18-Aug-21	Rachel Chouinard	Nia Gauthier	Detailed trench mapping	Black Dodge	195	3	5
52	23-Aug-21	Rachel Chouinard	Nia Gauthier	Stripping outcrop	Black Dodge	195	3	4
53	24-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
54	25-Aug-21	Rachel Chouinard	Nia Gauthier	Bedrock mapping	Black Dodge	195	3	5
55	30-Aug-21	Rachel Chouinard	Nia Gauthier	Detailed trench mapping	Black Dodge	195	3	5
56	1-Sep-21	Rachel Chouinard	Nia Gauthier	Detailed trench mapping	Black Dodge	195	3	5
57	2-Sep-21	Rachel Chouinard	Nia Gauthier	Detailed trench mapping	Black Dodge	195	3	5

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Claims	Sample type	# samples for analysis	Comments
42	3-Aug-21	582747 256128	Grab	0 2	
43	4-Aug-21	256128 256129 582747		0	
44	5-Aug-21	256129 226043		0	
45	6-Aug-21	582747 136836 201017 182044 256127 256126 284640 256127		0	
46	11-Aug-21	201016 218722 256127 284640		0	
47	12-Aug-21	284640		0	
48	13-Aug-21	284640		0	
49	16-Aug-21	256127		0	
50	17-Aug-21	256127		0	
51	18-Aug-21	256127		0	
52	23-Aug-21	256127		0	
53	24-Aug-21	256127 284640		0	
54	25-Aug-21	284640		0	
55	30-Aug-21	284640		0	
56	1-Sep-21	284640		0	
57	2-Sep-21	284640		0	

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Geologist	Assistant	Work performed	Vehicle	km	Travel hrs	Field hrs	Claims
58	10-Sep-21	Rachel Chouinard	Grant Mourre	Field visit	Black Dodge	195	3	3	256127
			Brad Clarke		White Ram	195	3	284640	
			Chris Caron						
59	1-Oct-21	Rachel Chouinard	Brad Clarke	Bedrock mapping	Black Dodge	195	3	3	582748
60	7-Oct-21	Rachel Chouinard	Brad Clarke	Bedrock mapping	Black Dodge	195	3	4	548579
					Boat				548726
61	19-Oct-21	Rachel Chouinard	Chris Caron	Soil sampling	Black Dodge	195	3	5	256127
									311585
									284640
62	20-Oct-21	Rachel Chouinard	Chris Caron	Soil sampling	Black Dodge	195	3	5	256127
									284640
63	22-Oct-21	Rachel Chouinard	Chris Caron	Soil sampling	Black Dodge	195	3	4	284640
									256127
									201017
64	2-Nov-21	Rachel Chouinard	Shirley Peloquin	OGS site and core facility visit	Black Dodge	195	4	2	284640

Appendix 6. Daily log for 2021 field activities on Janes Property

Entry #	Date	Claims	Sample type	# samples for analysis	Comments
58	10-Sep-21	256127 284640	Grab	1	Visited area b/w Tr 4 and 7 (incl. Tr 1) to see contact & structures
59	1-Oct-21	582748	Grab	1	Kirkland-Townsite occurrence
60	7-Oct-21	548579 548726	Grab	2	Ossington-Triller occurrence
61	19-Oct-21	256127	Soil -MMI	8	
			Soil- SGH	8	
		311585	Soil -MMI	4	
			Soil- SGH	4	
		284640	Soil -MMI	9	
			Soil- SGH	9	
62	20-Oct-21	256127	Soil - MMI	8	
			Soil - SGH	8	
		284640	Soil -MMI	17	
			Soil- SGH	17	
63	22-Oct-21	284640	Soil -MMI	11	
			Soil- SGH	11	
		256127	Soil -MMI	3	
			Soil- SGH	3	
		201017	Soil -MMI	2	
			Soil- SGH	2	
64	2-Nov-21	284640			

Appendix 7. Biogeochemistry sample coordinates and descriptions

Point number	Point type	Date	Sampler	Northing	Easting	Sample Type	Control Type	Trunk Diameter (cm)	Tree Health	Sample weight (g)	Description
D831567	Spruce Twigs	6/22/2021	Rachel Chouinard	5171393	547601	Original		40	Good	95	flat low-lying mixed forest; poplar fir and spruce; raining
D831568	Spruce Twigs	6/22/2021	Rachel Chouinard	5171397	547572	Original		46	Good	106	mossy tree; next to slope in low-lying flat spot; mixed spruce poplar and fir; raining
D831569	Spruce Twigs	6/22/2021	Rachel Chouinard	5171416	547534	Original		46	Moderate	106	good to moderate health; higher ground; mixed spruce birch fir and jackpine
D831570	Spruce Twigs	6/22/2021	Rachel Chouinard			Control	AAV-14			60	
D831571	Spruce Twigs	6/22/2021	Rachel Chouinard	5171432	547508	Original		47	Moderate	108	good to moderate health; high ground on bedrock ridge with thin mossy cover; spruce stand with lesser white birch
D831572	Spruce Twigs	6/22/2021	Rachel Chouinard	5171443	547468	Original		56	Good	102	moderate slope; spruce stand with lesser white birch
D831573	Spruce Twigs	6/22/2021	Rachel Chouinard	5171459	547449	Original		57	Good	106	high ground; spruce and white birch
D831574	Spruce Twigs	6/22/2021	Rachel Chouinard	5171480	547424	Original		51	Good	111	high ground; spruce stand with lesser white birch
D831575	Spruce Twigs	6/22/2021	Rachel Chouinard	5171489	547401	Original		44	Good	104	has live branches near bottom unlike previous trees sampled; next to small swamp on high ground; mixed jack pine and small spruce
D831576	Spruce Twigs	6/22/2021	Rachel Chouinard	5171490	547375	Original		37	Good	105	hard to find large enough diameter; high ground close to Trench 4; local disturbance from drilling; jack pine with small spruce and minor small white birch
D831577	Spruce Twigs	6/22/2021	Rachel Chouinard	5171485	547338	Original		44	Good	115	high ground on edge of Trench 4; local disturbance due to drilling; jack pine with small spruce and lesser white birch
D831578	Spruce Twigs	6/23/2021	Rachel Chouinard	5171491	547299	Original		44	Good	101	steep slope next to Trench 4; spruce jackpine and birch
D831579	Spruce Twigs	6/23/2021	Rachel Chouinard	5171536	547289	Original		37	Good	99	flat low-lying ground next to road; moderate disturbance; tree has live branches to ground but no other options; jackpine poplar and minor small spruce
D831580	Spruce Twigs	6/23/2021	Rachel Chouinard	5171553	547257	Original		57	Good	83	low-lying mossy area in intermittent (now dry) swamp; spruce and jackpine
D831581	Spruce Twigs	6/23/2021	Rachel Chouinard	5171553	547257	FieldDup		57	Good	83	duplicate of D831580
D831582	Spruce Twigs	6/23/2021	Rachel Chouinard	5171547	547229	Original		37	Moderate	96	low-lying flat intermittent swamp dried up; spruce poplar and jackpine; tree is a bit weird and splits into 2 trunks halfway up
D831583	Spruce Twigs	6/23/2021	Rachel Chouinard	5171572	547211	Original		61	Good	98	low-lying flat ground in poplar stand; minor jackpine and spruce
D831584	Spruce Twigs	6/23/2021	Rachel Chouinard	5171599	547150	Original		47	Good	89	flat ground in poplar stand; had to skip site 16; barely any spruce; poplar and fir mix

Appendix 7. Biogeochemistry sample coordinates and descriptions

Point number	Point type	Date	Sampler	Northing	Easting	Sample Type	Control Type	Trunk Diameter (cm)	Tree Health	Sample weight (g)	Description
D831585	Spruce Twigs	6/23/2021	Rachel Chouinard	5171607	547115	Original		44	Moderate	99	tree has tumour at base and halfway up trunk; relatively flat forest with large white pine and fir birch and lesser spruce
D831586	Spruce Twigs	6/23/2021	Rachel Chouinard	5171612	547091	Original		53	Good	93	relatively flat forest; mixed spruce fir birch and large white pine
D831587	Spruce Twigs	6/23/2021	Rachel Chouinard	5171625	547062	Original		43	Good	95	edge of small hummock in mixed spruce fir and jackpine; moderate amount of lichens on twigs
D831588	Spruce Twigs	6/23/2021	Rachel Chouinard	5171632	547038	Original		44	Good	91	small hummock in mixed forest; spruce fir and white birch; abundant lichens on tree
D831589	Spruce Twigs	6/23/2021	Rachel Chouinard	5171661	546999	Original		68	Moderate	106	gently rolling forest floor; tree is broke off at top but still alive; some resin nodules on trunk; mixed spruce fir jackpine
D831590	Spruce Twigs	6/23/2021	Rachel Chouinard			Control	AAV-16			60	
D831591	Spruce Twigs	6/23/2021	Rachel Chouinard	5171663	546979	Original		43	Good	91	gently rolling forest floor; mixed spruce jackpine and fir
D831592	Spruce Twigs	6/23/2021	Rachel Chouinard	5171676	546958	Original		39	Good	97	gently rolling forest floor; near base of mild slope; mixed spruce fir and jackpine
D831593	Spruce Twigs	6/23/2021	Rachel Chouinard	5171684	546913	Original		63	Good	101	gently rolling forest floor; mixed spruce fir and jackpine
D831594	Spruce Twigs	6/23/2021	Rachel Chouinard	5171691	546891	Original		77	Good	94	larger than target but difficult to find a good tree; near top of slope down to low-lying elongated swamp - probable fault; spruce pine and fir
D831595	Spruce Twigs	6/24/2021	Rachel Chouinard	5171696	546862	Original		59	Good	92	moderate slope next to low elongated area - probable fault; mixed spruce jackpine and fir; on gabbro ridge
D831596	Spruce Twigs	6/24/2021	Rachel Chouinard	5171724	546838	Original		48	Good	100	edge of bedrock ridge next to jackpine replant; spruce fir and jackpine
D831597	Spruce Twigs	6/24/2021	Rachel Chouinard	5171729	546813	Original		31	Good	100	smaller than target but difficult in jackpine plantation; remove pine needles when processing - under a large white pine; flat forest in jackpine with minor birch and spruce
D831598	Spruce Twigs	6/24/2021	Rachel Chouinard	5171773	546720	Original		35	Moderate	80	smaller spruce on sediment bedrock ridge; resin nodules on trunk - not the most healthy; mixed jackpine and birch with small spruce
D831599	Spruce Twigs	6/24/2021	Rachel Chouinard	5171790	546704	Original		40	Good	92	high ground on sediment bedrock ridge; minor slope; jackpine stand with lesser spruce fir and birch
D831600	Spruce Twigs	6/24/2021	Rachel Chouinard	5171790	546704	FieldDup		40	Good	101	duplicate of D831599 - mix together when processing
D831601	Spruce Twigs	6/24/2021	Rachel Chouinard	5171626	546592	Original		33	Good	97	bottom of gentle slope in jackpine stand with fir and spruce; abundant lichens on tree
D831602	Spruce Twigs	6/24/2021	Rachel Chouinard	5171599	546636	Original		47	Good	96	live branches closer to ground than most; could be white spruce? twigs not hairy but some dead branches retain cones; see photos



Appendix 7. Biogeochemistry sample coordinates and descriptions

Point number	Point type	Date	Sampler	Northing	Easting	Sample Type	Control Type	Trunk Diameter (cm)	Tree Health	Sample weight (g)	Description
D831603	Spruce Twigs	6/24/2021	Rachel Chouinard	5171586	546665	Original		36	Good	89	on downslope near top of sediment bedrock ridge; small cluster of spruce in jackpine stand with minor fir
D831604	Spruce Twigs	6/24/2021	Rachel Chouinard	5171580	546689	Original		36	Good	94	some live branches closer to ground but looks like black spruce and retains cones on dead branches; middle of downslope on sediment bedrock ridge; mixed spruce jackpine and fir
D831605	Spruce Twigs	6/24/2021	Rachel Chouinard	5171564	546715	Original		48	Good	92	on steep downslope of sediment bedrock ridge; spruce jackpine and fir; abundant lichens
D831606	Spruce Twigs	6/24/2021	Rachel Chouinard	5171553	546733	Original		43	Good	105	steep downslope on sediment bedrock ridge; mixed spruce fir and jackpine
D831607	Spruce Twigs	6/24/2021	Rachel Chouinard	5171540	546774	Original		39	Good	116	low-lying dried up swamp probable fault; next to road; spruce with some cedar
D831608	Spruce Twigs	6/24/2021	Rachel Chouinard	5171525	546800	Original		37	Moderate	103	low wet swamp probable fault; saturated organic soil; spruce only; not much foliage at top but alive
D831609	Spruce Twigs	6/24/2021	Rachel Chouinard	5171512	546843	Original		38	Good	109	bedrock ridge moderate slope; jackpine and small spruce
D831610	Spruce Twigs	6/24/2021	Rachel Chouinard			Control	AAV-14			60	
D831611	Spruce Twigs	6/24/2021	Rachel Chouinard	5171502	546856	Original		32	Good	101	smaller than target; spruce on bedrock ridge with jackpine
D831612	Spruce Twigs	6/24/2021	Rachel Chouinard	5171491	546889	Original		36	Good	99	gabbro bedrock ridge moderate slope; scarified soil; jackpine stand with small spruce
D831613	Spruce Twigs	6/24/2021	Rachel Chouinard	5171479	546916	Original		23	Good	104	smaller than target but no other options; jackpine plantation with scarified soil
D831614	Spruce Twigs	6/24/2021	Rachel Chouinard	5171469	546933	Original		31	Good	101	scarified jack pine stand on high ground; minor small spruce
D831615	Spruce Twigs	6/24/2021	Rachel Chouinard	5171460	546963	Original		32	Good	100	moderate slope jackpine plantation scarified soil; minor patches of small spruce
D831616	Spruce Twigs	6/24/2021	Rachel Chouinard	5171439	546983	Original		34	Good	99	live branches to bottom but retains cones; likely black spruce; scarified jackpine plantation
D831617	Spruce Twigs	6/24/2021	Rachel Chouinard	5171430	547005	Original		35	Good	97	moderate slope; mixed spruce birch and jackpine
D831618	Spruce Twigs	6/24/2021	Rachel Chouinard	5171426	547043	Original		47	Moderate	104	minor tumours at base; flat ground mixed forest spruce jackpine and birch
D831619	Spruce Twigs	6/24/2021	Rachel Chouinard	5171413	547069	Original		49	Good	115	on moderate slope in mixed spruce jackpine and birch
D831620	Spruce Twigs	6/24/2021	Rachel Chouinard	5171413	547069	FieldDup		49	Good	97	duplicate of D831619 - mix together when processing
D831621	Spruce Twigs	6/28/2021	Rachel Chouinard	5171417	547095	Original		41	Good	68	next to large gabbro outcrop on moderate slope; mixed jackpine spruce and birch; very wet day
D831622	Spruce Twigs	6/28/2021	Rachel Chouinard	5171367	547141	Original		63	Good	81	relatively flat forest in jackpine stand with minor spruce and fir; abundant lichens; very wet day
D831623	Spruce Twigs	6/28/2021	Rachel Chouinard	5171368	547179	Original		72	Good	72	large black spruce near Trench 1; mixed jackpine fir and spruce; abundant lichens; very wet day

Appendix 7. Biogeochemistry sample coordinates and descriptions

Point number	Point type	Date	Sampler	Northing	Easting	Sample Type	Control Type	Trunk Diameter (cm)	Tree Health	Sample weight (g)	Description
D831624	Spruce Twigs	6/28/2021	Rachel Chouinard	5171313	547174	Original		78	Good	80	large black spruce in moderately disturbed area next to Trench 1; jackpine stand with fir and minor spruce; very wet day
D831625	Spruce Twigs	6/28/2021	Rachel Chouinard	5171323	547241	Original		40	Good	80	steep bedrock slope above Trench 1; jackpine with very minor spruce and white pine; very wet day
D831626	Spruce Twigs	6/28/2021	Rachel Chouinard	5171312	547263	Original		36	Good	78	on side of drill road on steep slope above Trench 1; disturbed area; jackpine replant with minor small spruce and birch
D831627	Spruce Twigs	6/28/2021	Rachel Chouinard	5171318	547295	Original		47	Good	73	near drill road; jackpine replant with minor spruce; very wet day; abundant lichens
D831628	Spruce Twigs	6/28/2021	Rachel Chouinard	5171277	547318	Original		28	Good	76	small tree but no other options; jackpine replant in drilled and disturbed area; minor small spruce; very wet day
D831629	Spruce Twigs	6/28/2021	Rachel Chouinard	5171286	547355	Original		51	Good	86	moderate slope in jackpine replant; minor spruce
D831630	Spruce Twigs	6/28/2021	Rachel Chouinard			Control	AAV-16			60	
D831631	Spruce Twigs	6/28/2021	Rachel Chouinard	5171269	547377	Original		36	Good	85	near bottom of moderate slope down to swamp; jackpine replant with minor spruce; abundant lichens; wet day
D831632	Spruce Twigs	6/28/2021	Rachel Chouinard	5171257	547436	Original		30	Good	85	near top of moderate slope next to swamp; jackpine replant with small spruce
D831633	Spruce Twigs	6/28/2021	Rachel Chouinard	5171244	547457	Original		56	Good	85	on high ground in disturbed jackpine replant with minor spruce; wet day
D831634	Spruce Twigs	6/28/2021	Rachel Chouinard	5171226	547486	Original		41	Good	78	edge of cliff down to low spot; jackpine replant with minor spruce and birch; wet day

## Biogeochemical Sampling Procedure – Spruce Twigs

### Equipment List

- Hand pruner
- Ribbon-style measuring tape
- Breathable sample bags (Hubco Sentry 5.5" x 10.5" or larger)
- Sample tag booklets
- Flagging tape
- Permanent marker
- Scale
- GPS
- Camera (optional)



Black spruce  
*Picea mariana*

### Procedure

1. Where possible, select trees of similar diameter, height and growth stage. The target species for the survey is **black spruce**. No other species may be sampled as different species concentrate elements differently. The target sample material is black spruce **twigs**. No other tissues may be sampled as different parts of a tree concentrate elements differently.
2. Measure and, in MX Deposit, record the circumference of the selected tree along with comments regarding estimated health, sap levels, lichen cover, and a quick site description (slope, terrain, drainage).
3. If required, remove excess lichen by hand prior to sample collection.
4. Sampled twigs should all be of the same general life stage. It is likely that the twigs at the sample height are dead and without needles. If this is the life stage sampled, keep this consistent throughout the survey. If absolutely no twigs are available at or near a sample site of the same stage, collecting a different life stage of twigs is better than not collecting at all. Make sure to record the difference in this case. Needles must be removed before sending twigs to the lab. Be mindful of different relative weights of live vs. dead twigs. Additionally, if wet twigs are sampled (e.g. it is raining) these will weigh more than dry twigs, so extra material should be collected to be safe. Wet twig samples should be dried (inside the Hubco Sentry bag) and re-weighed before sending to the lab.
5. Use the hand pruner to clip twigs off branches. Twigs are collected from the entire circumference of the tree at roughly shoulder height. The target sample weight is **no less than 100 g**.
6. Place the twigs into the Hubco Sentry bag, weigh the bag on the scale, subtract 7 g (average weight of Hubco Sentry bag) and record the weight in MX Deposit.
7. Insert a sample tag and write the sample ID on the outside of the bag. (*Note: field assistant may label bags ahead of time and mark QA/QC samples in tag book*)
8. Record the UTM coordinates of the sample site in MX Deposit and in the sample tag booklet.
9. A QA/QC sample is to be inserted every 10 samples, starting after the first sample, in the following repeating sequence:
  - IRM (AAV-14)
  - Field duplicate
  - IRM (AAV-16)
  - Field duplicate
10. Write the sample number on pink flagging tape (colour must be different than flagging tape used to mark rock samples) and tie it to a branch on the sampled tree.

*\* Note: Samplers must not wear jewelry and should not have products such as sunscreen on their hands while sampling\**

## **Appendix 9. Biogeochemistry assay certificate**



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 SUDBURY ON P3E 5P5

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-SEP-2021  
 Account: SDPTCP

**CERTIFICATE VA21184055**

Project: Janes

This report is for 68 samples of Vegetation submitted to our lab in Vancouver, BC, Canada on 15-JUL-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
DISP-01	Disposal of all sample fractions
LOG-22	Sample login - Rcd w/o BarCode
VEG-ASH01	Controlled Ignition - Veg Samp. @ 475C

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-VEG41a	Super Trace - Ashed Vegetation Samples	

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 VA21184055**

Sample Description	Method Analyte Units LOD	WEI-21	VEG-ASH01	VEG-ASH01	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a
		Recvd Wt. kg	WT. SAMP g	WT. ASH g	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm
D831567		0.10	41.0	0.80	0.0104	0.525	0.25	3.32	250	299	0.11	1.630	30.9	17.90	5.30	40.9
D831568		0.11	39.7	0.30	0.0393	1.595	0.59	9.50	345	118.0	0.20	7.04	24.8	27.8	12.45	26.7
D831569		0.11	41.5	0.18	0.0220	14.15	0.80	9.59	304	168.5	0.21	6.91	26.3	34.9	14.60	30.7
D831570		0.07	40.8	1.07	0.0271	3.17	0.16	2.44	712	402	0.09	0.347	21.2	0.525	1.495	2.64
D831571		0.11	41.0	0.24	0.0231	45.1	0.72	7.05	360	204	0.23	5.60	26.4	12.50	15.35	17.75
D831572		0.10	39.8	0.20	0.0225	29.2	0.98	9.28	230	1315	0.30	10.35	22.6	20.2	18.85	29.0
D831573		0.11	40.9	0.35	0.0314	22.9	1.05	11.50	237	140.0	0.28	12.90	23.4	20.2	23.1	36.0
D831574		0.12	41.3	0.46	0.0236	8.46	0.88	8.68	320	204	0.24	9.95	25.3	14.00	18.60	26.2
D831575		0.11	40.4	0.62	0.0166	3.70	0.71	4.89	365	341	0.19	4.04	29.9	11.85	11.55	16.40
D831576		0.11	40.0	0.62	0.0110	9.79	0.75	5.11	357	479	0.24	4.48	27.7	8.09	14.65	16.90
D831577		0.12	40.1	0.45	0.0192	9.84	0.71	9.50	294	297	0.21	5.70	28.0	10.55	16.85	19.20
D831578		0.10	38.4	0.40	0.0455	5.60	1.08	12.00	221	184.0	0.29	16.05	23.3	17.90	22.8	34.2
D831579		0.10	41.1	0.81	0.0102	1.390	0.78	3.89	426	555	0.28	2.93	24.3	12.40	9.67	18.70
D831580		0.09	40.1	0.45	0.0163	19.20	1.01	10.20	329	205	0.27	12.30	23.6	15.65	19.40	31.1
D831581		0.09	40.6	0.43	0.0172	17.75	0.86	9.78	367	242	0.23	9.89	25.9	15.00	15.85	27.8
D831582		0.10	39.6	0.49	0.0238	7.94	0.77	7.66	413	237	0.24	6.22	23.8	17.70	13.80	24.4
D831583		0.10	40.8	0.38	0.0372	15.40	1.21	15.95	229	163.0	0.36	25.4	18.70	29.3	31.3	46.6
D831584		0.09	38.9	0.61	0.0150	3.60	0.61	6.20	380	317	0.18	4.54	28.2	16.95	10.50	23.5
D831585		0.10	30.8	0.16	0.0315	22.1	0.87	7.41	293	243	0.33	9.96	22.7	24.3	17.60	36.6
D831586		0.10	38.2	0.60	0.0108	8.34	0.62	6.05	300	327	0.19	6.53	27.6	16.70	13.10	23.3
D831587		0.10	31.3	0.24	0.0212	15.40	1.20	17.00	251	201	0.29	18.55	19.15	20.5	25.2	33.2
D831588		0.07	39.8	0.30	0.0215	20.4	1.14	12.75	265	330	0.28	15.85	24.9	18.50	26.6	28.5
D831589		0.11	32.2	0.27	0.0272	19.05	0.84	10.05	160	232	0.22	9.47	28.0	14.20	19.35	19.00
D831590		0.07	40.0	1.28	0.0104	3.21	0.19	2.32	388	311	0.27	0.132	17.25	0.398	1.980	3.62
D831591		0.10	30.8	0.27	0.0273	15.15	1.15	14.70	298	179.5	0.29	10.40	24.4	17.75	24.0	26.9
D831592		0.11	38.8	0.21	0.0567	24.6	1.44	12.65	120	901	0.39	20.6	19.80	27.5	37.4	31.0
D831593		0.11	31.2	0.13	0.0485	11.00	1.19	12.60	203	1130	0.30	15.20	20.9	17.10	24.3	36.9
D831594		0.10	40.0	0.40	0.0372	10.50	0.91	20.1	225	145.5	0.22	15.60	25.9	20.1	19.75	33.0
D831595		0.10	30.9	0.23	0.0298	14.30	0.92	14.20	280	231	0.27	10.30	23.9	17.55	21.5	26.8
D831596		0.10	39.9	0.39	0.0376	7.88	1.30	22.4	231	236	0.35	15.50	20.3	18.75	26.5	37.3
D831597		0.10	32.0	0.57	0.0168	2.31	0.73	8.30	472	458	0.25	4.44	25.9	12.55	11.60	29.3
D831598		0.08	39.8	0.62	0.0148	9.10	0.96	6.78	364	336	0.24	4.99	26.6	9.79	16.75	33.5
D831599		0.10	30.8	0.55	0.0061	3.78	0.51	5.38	413	545	0.16	2.45	26.2	14.20	8.92	24.1
D831600		0.10	39.3	0.72	0.0124	4.16	0.53	4.10	412	657	0.15	2.50	26.9	15.15	8.99	25.0
D831601		0.10	30.5	0.49	0.0198	5.08	1.43	8.57	353	514	0.47	10.25	22.5	12.80	30.7	29.8
D831602		0.10	38.7	0.61	0.0159	8.26	0.98	6.98	471	377	0.35	5.20	24.9	10.80	14.25	21.7
D831603		0.10	32.3	0.52	0.0214	8.92	0.76	11.75	302	274	0.23	5.11	24.3	12.70	15.00	19.45
D831604		0.09	39.4	0.61	0.158	7.10	0.76	142.5	320	393	0.34	3.58	17.55	20.8	14.80	21.0
D831605		0.09	31.4	0.24	0.0413	10.40	1.17	15.60	201	199.0	0.32	13.30	21.9	17.35	31.7	31.5
D831606		0.10	39.6	0.44	0.0155	9.05	0.97	8.80	327	298	0.27	7.41	25.4	16.75	19.75	25.6



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 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS VA21184055**

Sample Description	Method Analyte Units LOD	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	
		Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
D831567		9.75	1.215	186.5	3100	0.508	0.014	0.087	0.001	0.024	1.88	2.98	1.8	2.12	8580	1.65
D831568		14.05	1.520	670	8500	1.485	0.036	0.111	0.012	0.111	4.37	6.51	3.2	2.23	7680	6.88
D831569		12.30	3.34	894	8900	1.795	0.042	0.153	0.002	0.157	2.71	7.04	3.2	1.370	21400	6.28
D831570		15.95	0.693	124.5	7400	0.337	0.007	0.022	0.005	0.007	>10.0	0.807	4.6	2.82	24900	0.32
D831571		12.90	5.39	536	8600	1.815	0.055	0.040	0.001	0.114	3.69	7.81	3.3	1.680	16700	5.39
D831572		19.20	2.87	1050	11400	2.91	0.101	0.153	0.007	0.241	4.00	9.07	3.5	1.770	17950	9.05
D831573		21.3	2.72	1165	13400	2.59	0.082	0.018	<0.001	0.259	3.71	11.45	4.2	1.460	12900	10.80
D831574		18.80	2.53	711	11100	2.10	0.048	0.029	0.004	0.193	3.01	9.41	4.1	1.590	12100	7.52
D831575		10.65	4.03	354	6300	1.150	0.028	0.066	0.006	0.076	1.82	6.02	2.6	1.360	12750	3.19
D831576		12.85	3.51	370	7900	1.555	0.035	0.085	<0.001	0.082	1.89	7.88	3.6	2.01	13700	3.36
D831577		13.45	3.12	481	8800	1.615	0.047	0.078	0.005	0.119	2.27	8.90	3.6	1.540	8030	4.61
D831578		25.2	1.780	1035	14700	2.63	0.081	0.017	0.006	0.239	3.54	11.45	4.8	1.210	9630	10.15
D831579		12.00	4.21	282	5900	1.150	0.026	0.013	<0.001	0.038	6.88	5.87	4.0	3.19	18500	2.16
D831580		20.7	2.08	915	12200	2.41	0.070	0.007	0.003	0.215	4.21	9.57	4.1	1.740	18900	9.01
D831581		16.45	1.720	812	9900	1.935	0.058	0.012	0.002	0.154	3.53	7.94	3.4	1.770	20700	7.66
D831582		14.60	3.49	557	8700	1.675	0.048	0.013	0.006	0.119	3.24	6.88	3.6	1.950	43600	5.50
D831583		30.9	2.03	1375	19200	3.79	0.118	0.014	<0.001	0.405	4.36	15.85	5.4	1.570	10950	16.45
D831584		10.65	1.095	407	6700	1.230	0.026	0.031	<0.001	0.074	3.01	5.69	2.9	1.880	17550	3.61
D831585		18.05	1.525	855	10300	2.55	0.080	0.019	0.001	0.173	3.10	8.42	3.2	1.480	23500	8.20
D831586		11.45	1.105	484	7500	1.385	0.039	0.065	0.011	0.108	2.63	7.01	2.5	1.400	18900	5.38
D831587		27.9	2.62	1185	15800	3.61	0.118	0.018	0.009	0.306	5.08	12.55	5.2	1.510	16100	13.40
D831588		21.9	2.19	1110	12600	3.14	0.088	0.014	0.006	0.276	3.83	13.60	4.1	1.200	13500	12.75
D831589		16.75	1.635	876	10100	2.62	0.083	0.027	<0.001	0.275	2.70	9.73	2.9	0.960	9670	7.79
D831590		11.45	0.701	85.0	2700	0.321	0.011	0.023	0.001	<0.005	>10.0	1.055	39.0	2.30	24800	0.26
D831591		21.5	2.41	932	12700	3.25	0.081	0.011	0.003	0.269	3.46	11.65	4.5	1.240	16950	8.69
D831592		27.0	2.03	1310	17000	5.12	0.137	0.205	0.001	0.493	4.44	17.70	4.9	1.310	10850	15.15
D831593		23.0	2.91	1430	14500	3.83	0.123	0.173	0.008	0.389	4.12	11.75	3.5	1.320	14550	10.75
D831594		19.90	2.53	1140	12100	2.68	0.091	0.019	<0.001	0.333	3.03	9.54	3.5	1.030	11250	11.45
D831595		17.80	1.550	971	11800	2.53	0.086	0.030	0.003	0.212	3.40	10.65	3.9	1.560	23400	9.04
D831596		27.7	4.02	870	16600	3.20	0.067	0.022	0.005	0.263	3.52	13.55	5.8	1.230	17650	12.85
D831597		14.00	1.530	429	8000	1.345	0.035	0.043	<0.001	0.082	2.83	6.14	3.2	2.40	37300	3.87
D831598		12.95	2.83	473	8200	1.550	0.027	0.057	0.003	0.100	2.91	9.13	3.2	1.590	23200	4.43
D831599		8.45	1.735	313	4900	1.010	0.026	0.064	0.006	0.042	2.44	4.62	2.4	1.730	>50000	2.23
D831600		8.74	1.915	320	5100	1.005	0.023	0.053	<0.001	0.052	2.64	4.64	2.6	1.760	>50000	2.35
D831601		24.8	5.07	641	15500	2.89	0.057	0.058	0.002	0.175	2.09	16.75	6.6	1.910	11100	6.21
D831602		14.15	6.66	522	8400	1.415	0.032	0.012	<0.001	0.092	3.81	7.61	4.8	3.20	21900	3.66
D831603		14.90	4.66	433	8900	1.875	0.049	0.035	0.008	0.112	3.25	7.89	3.7	2.08	25100	4.91
D831604		11.85	3.72	324	15500	1.560	0.040	0.049	0.003	0.067	2.17	7.91	5.8	1.810	30400	4.65
D831605		22.9	1.960	888	15400	3.77	0.112	0.024	<0.001	0.273	3.18	16.15	5.1	1.190	13400	11.80
D831606		14.10	1.840	524	9500	2.03	0.057	0.078	0.001	0.115	2.40	10.50	3.7	1.310	15300	6.06



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Project: Janes

**CERTIFICATE OF ANALYSIS VA21184055**

Sample Description	Method Analyte Units LOD	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	
		Na %	Nb ppm	Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm
D831567		0.036	0.291	266	1.505	37.2	<0.001	0.003	81.0	0.017	1.38	1.61	0.84	1.470	1.70	1800
D831568		0.068	0.613	598	2.76	461	0.009	0.010	151.5	0.061	4.30	5.68	1.50	6.36	5.54	1435
D831569		0.061	0.625	705	1.915	616	0.010	0.017	141.0	0.036	2.67	5.44	1.61	7.33	5.23	817
D831570		0.014	0.085	511	2.90	6.34	0.097	0.017	132.5	0.034	2.04	0.28	1.95	1.510	0.42	251
D831571		0.061	0.498	555	2.02	314	0.017	0.011	159.0	0.044	2.55	5.41	1.80	7.13	4.90	644
D831572		0.079	0.533	805	2.50	583	0.039	0.019	121.0	0.081	2.42	9.76	2.36	10.50	6.90	594
D831573		0.073	0.688	859	2.42	586	0.039	0.023	128.5	0.068	3.31	7.10	2.50	13.00	7.62	763
D831574		0.071	0.560	787	2.10	263	0.025	0.019	93.5	0.059	1.96	5.14	2.22	7.43	5.81	620
D831575		0.040	0.363	543	1.395	81.2	0.006	0.007	64.1	0.022	1.24	2.45	1.39	3.41	3.12	771
D831576		0.045	0.413	592	1.355	99.1	0.021	0.008	57.9	0.025	1.11	2.89	1.81	3.98	3.67	823
D831577		0.064	0.410	570	1.320	186.0	0.012	0.019	71.1	0.032	1.70	3.41	1.91	5.04	4.07	537
D831578		0.094	0.578	1010	2.51	298	0.086	0.036	97.0	0.080	2.96	6.45	2.71	12.00	9.02	449
D831579		0.066	0.349	544	2.52	66.5	0.009	0.008	279	0.020	1.32	1.81	1.65	2.29	2.89	826
D831580		0.093	0.544	987	2.77	344	0.027	0.020	149.0	0.085	2.58	5.82	2.39	10.25	6.44	567
D831581		0.085	0.471	893	2.34	286	0.024	0.015	129.5	0.071	2.14	5.07	1.89	8.14	5.28	607
D831582		0.060	0.424	687	2.55	151.5	0.018	0.007	123.0	0.072	1.92	4.27	1.86	6.30	4.41	796
D831583		0.105	0.854	1015	2.89	669	0.078	0.030	148.5	0.094	2.96	10.25	3.39	16.70	10.55	983
D831584		0.060	0.428	438	2.23	119.5	0.006	0.007	79.2	0.038	1.44	3.18	1.48	3.29	3.45	1695
D831585		0.084	0.496	729	2.26	322	0.023	0.012	91.3	0.052	2.05	6.94	2.01	8.42	5.53	1090
D831586		0.062	0.416	589	1.775	186.5	0.021	0.007	95.6	0.053	1.61	3.87	1.49	5.64	4.00	1295
D831587		0.110	0.645	900	2.87	658	0.042	0.028	165.5	0.108	2.83	9.41	3.32	15.20	9.00	332
D831588		0.112	0.681	850	2.14	722	0.039	0.022	128.0	0.091	2.05	9.49	2.73	11.95	8.73	484
D831589		0.060	0.538	611	1.800	641	0.028	0.018	93.8	0.032	1.86	6.22	2.36	9.29	6.73	510
D831590		0.017	0.062	850	3.27	5.89	0.020	0.003	216	0.103	5.06	0.30	1.82	1.040	0.41	220
D831591		0.074	0.572	747	2.72	637	0.054	0.011	121.5	0.042	3.10	7.39	2.68	11.55	6.82	596
D831592		0.099	0.698	820	2.50	1020	0.043	0.028	130.0	0.061	3.45	14.00	3.43	17.95	11.75	417
D831593		0.093	0.583	897	2.67	969	0.043	0.030	115.5	0.072	2.34	8.92	3.13	15.20	9.18	435
D831594		0.078	0.574	831	2.11	679	0.029	0.021	119.5	0.088	2.95	6.94	2.54	14.80	7.53	570
D831595		0.076	0.595	727	2.25	726	0.020	0.010	109.0	0.064	2.37	7.38	2.32	10.00	6.69	479
D831596		0.077	0.753	963	2.14	296	0.036	0.022	143.0	0.084	1.85	7.75	3.14	9.58	9.85	607
D831597		0.046	0.451	725	2.23	99.4	0.019	0.005	113.5	0.033	1.11	3.14	1.54	3.33	4.22	1340
D831598		0.049	0.424	591	1.815	124.5	0.013	0.011	139.0	0.039	1.33	4.01	1.81	4.34	4.15	764
D831599		0.035	0.299	322	1.780	70.1	0.014	0.006	96.3	0.029	0.94	1.83	1.17	3.09	2.26	970
D831600		0.037	0.267	336	1.805	66.7	0.006	0.007	107.0	0.027	0.78	2.05	1.24	1.910	2.64	970
D831601		0.062	0.543	792	1.475	204	0.035	0.025	104.0	0.046	1.04	3.75	3.00	5.52	8.13	714
D831602		0.069	0.453	746	2.96	110.0	0.036	0.014	201	0.039	1.15	2.68	1.73	3.98	4.13	1235
D831603		0.052	0.431	671	2.06	114.5	0.024	0.009	177.0	0.029	1.75	4.52	1.71	5.59	4.86	548
D831604		0.052	0.291	445	1.655	115.0	0.006	0.010	99.7	0.030	1.17	6.51	1.81	3.84	3.67	605
D831605		0.083	0.657	734	2.03	424	0.042	0.018	122.0	0.055	2.72	9.61	2.70	10.85	9.50	466
D831606		0.060	0.454	610	1.620	184.0	0.018	0.017	82.5	0.034	1.69	5.67	1.87	5.45	5.25	620





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Project: Janes

CERTIFICATE OF ANALYSIS VA21184055
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Sample Description	Method	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	
	Analyte	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units LOD	ppm 0.001	ppm 0.005	ppm 0.002	% 0.001	ppm 0.002	ppm 0.005	ppm 0.05	ppm 0.01	ppm 0.003	ppm 0.1	ppm 0.02
D831567		<0.001	0.058	0.508	0.007	0.284	0.163	6.39	0.54	1.415	2940	2.72
D831568		<0.001	0.192	0.965	0.015	0.184	0.517	21.9	1.64	3.44	3260	4.71
D831569		<0.001	0.174	1.175	0.015	0.607	0.530	23.3	1.46	3.90	2810	5.31
D831570		<0.001	0.266	0.277	0.004	0.245	0.089	2.72	0.13	0.339	494	1.23
D831571		<0.001	0.157	1.150	0.016	0.165	0.516	22.0	1.26	3.90	2630	1.11
D831572		0.009	0.240	1.510	0.022	0.363	0.736	32.4	2.79	4.90	2910	5.50
D831573		<0.001	0.309	1.650	0.024	0.183	0.797	34.5	2.71	5.82	1820	0.65
D831574		0.007	0.251	1.500	0.021	0.559	0.616	26.4	1.94	4.49	2650	0.62
D831575		<0.001	0.123	0.888	0.012	0.629	0.336	13.90	0.89	2.95	1815	2.47
D831576		<0.001	0.127	1.245	0.016	1.325	0.408	17.45	1.09	3.81	2480	2.75
D831577		<0.001	0.160	1.360	0.017	0.367	0.427	19.10	1.16	4.28	2060	2.30
D831578		0.012	0.398	1.605	0.026	0.097	0.786	33.6	2.79	5.42	1880	0.46
D831579		0.007	0.091	0.857	0.014	0.356	0.267	10.75	0.75	2.30	3640	0.48
D831580		0.011	0.390	1.145	0.022	0.313	0.671	31.0	2.51	4.68	2180	0.43
D831581		0.008	0.303	1.025	0.017	0.243	0.536	26.1	2.14	3.83	2370	0.48
D831582		0.005	0.218	0.917	0.016	0.450	0.496	20.6	1.48	3.38	2820	0.36
D831583		0.015	0.499	2.11	0.032	0.301	1.075	49.1	4.23	8.27	1930	0.70
D831584		<0.001	0.126	0.788	0.012	0.117	0.347	14.65	1.03	2.70	2410	0.91
D831585		<0.001	0.216	1.460	0.018	0.658	0.618	30.2	2.44	5.21	2900	0.71
D831586		<0.001	0.199	0.830	0.013	0.119	0.430	19.20	1.31	3.30	2280	2.11
D831587		0.018	0.471	1.485	0.031	0.384	1.020	45.3	3.44	5.99	2030	0.62
D831588		0.016	0.355	1.960	0.025	0.230	0.859	41.8	3.19	6.80	2260	0.59
D831589		0.005	0.260	1.780	0.020	0.476	0.637	27.4	1.94	4.69	1830	1.12
D831590		<0.001	0.105	0.180	0.004	0.190	0.134	2.58	15.65	0.481	525	0.95
D831591		0.007	0.261	1.450	0.025	0.178	0.766	35.7	2.10	5.87	2310	0.40
D831592		0.012	0.332	3.15	0.034	0.246	1.085	47.7	3.96	9.72	2040	5.99
D831593		0.005	0.423	2.61	0.028	0.838	0.833	35.8	3.28	6.13	2550	5.79
D831594		0.014	0.436	1.115	0.021	0.164	0.765	33.7	2.92	4.86	2320	0.87
D831595		0.007	0.212	1.590	0.020	0.352	0.724	34.6	2.31	5.83	2520	0.99
D831596		0.012	0.319	2.01	0.030	1.025	0.864	39.4	3.38	6.43	2910	0.66
D831597		<0.001	0.135	0.872	0.015	0.553	0.386	16.65	1.28	2.95	2320	1.41
D831598		<0.001	0.128	1.185	0.015	0.371	0.440	18.60	1.17	4.27	1860	1.62
D831599		<0.001	0.101	0.633	0.009	0.151	0.238	10.05	0.66	2.21	2650	1.95
D831600		<0.001	0.078	0.672	0.010	0.273	0.258	10.15	0.67	2.26	2630	1.47
D831601		0.006	0.217	2.54	0.028	2.04	0.741	31.9	1.88	8.22	2400	1.46
D831602		0.009	0.171	1.020	0.015	2.78	0.404	17.30	1.12	3.83	3200	0.36
D831603		0.005	0.175	1.030	0.017	0.510	0.421	21.1	1.45	4.20	2010	1.15
D831604		<0.001	0.122	1.800	0.011	2.14	2.02	15.95	1.51	4.87	2450	1.78
D831605		0.016	0.293	2.42	0.028	0.410	0.879	40.8	3.29	9.91	2010	0.97
D831606		<0.001	0.199	1.430	0.018	0.347	0.529	24.5	1.73	6.15	2450	2.44



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**CERTIFICATE OF ANALYSIS VA21184055**

Sample Description	Method Analyte Units LOD	WEI-21	VEG-ASH01	VEG-ASH01	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a
		Recvd Wt. kg	WT. SAMP g	WT. ASH g	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm
D831607		0.11	29.3	0.26	1.105	25.9	0.82	16.75	277	239	0.25	9.18	24.9	14.35	22.2	30.3
D831608		0.10	31.8	0.51	0.0194	5.31	0.74	12.40	247	504	0.24	6.80	26.4	10.50	20.2	48.1
D831609		0.10	31.1	0.44	0.0193	2.50	0.83	7.68	303	540	0.26	4.74	26.3	7.45	17.00	19.10
D831610		0.07	40.0	1.05	0.0307	3.12	0.16	3.06	685	407	0.09	0.332	20.4	0.528	1.525	2.59
D831611		0.09	29.9	0.39	0.0180	2.96	0.99	9.40	294	601	0.30	4.89	25.3	7.94	17.75	20.2
D831612		0.10	38.7	0.57	0.0129	5.44	1.34	6.42	439	436	0.39	5.84	22.9	9.38	21.5	28.8
D831613		0.10	31.0	0.47	0.0139	8.23	0.89	6.57	390	805	0.31	4.23	26.1	8.16	15.85	24.9
D831614		0.10	39.8	0.56	0.0351	4.46	1.08	15.95	390	597	0.29	5.57	23.5	9.74	16.75	23.5
D831615		0.09	30.6	0.47	0.0230	2.78	0.97	15.25	381	578	0.38	5.36	24.0	8.61	20.1	20.5
D831616		0.10	39.7	0.66	0.0228	5.03	1.14	14.25	309	881	0.32	7.58	22.8	10.35	20.1	24.7
D831617		0.10	31.3	0.48	0.0242	2.46	0.93	6.82	431	488	0.28	3.77	25.9	7.11	15.50	18.60
D831618		0.10	38.8	0.49	0.0283	9.55	1.06	9.99	330	288	0.30	15.00	23.3	17.25	25.7	34.1
D831619		0.10	40.3	0.35	0.0184	14.10	0.88	9.49	324	216	0.26	11.70	24.4	15.55	19.35	27.4
D831620		0.10	39.6	0.34	0.0213	16.65	0.99	11.00	307	219	0.28	14.30	23.5	16.95	23.6	30.1
D831621		0.07	39.9	0.51	0.0273	8.90	0.65	8.63	333	198.0	0.22	6.01	25.2	12.65	14.70	24.1
D831622		0.08	39.2	0.42	0.0380	5.65	0.84	9.39	322	215	0.27	8.04	23.3	17.60	17.30	26.7
D831623		0.07	39.7	0.42	0.0336	6.20	0.93	12.25	256	316	0.29	10.45	20.9	14.90	19.30	40.0
D831624		0.08	38.9	0.62	0.152	5.76	0.60	7.80	541	282	0.17	5.97	25.2	14.60	11.00	26.9
D831625		0.08	39.6	0.71	0.0267	3.81	0.86	6.67	310	815	0.25	10.35	27.0	9.71	20.2	24.6
D831626		0.08	39.4	0.64	0.0284	4.82	0.96	10.45	439	391	0.31	6.93	22.9	11.10	20.6	32.9
D831627		0.07	40.0	0.77	0.0199	5.41	1.08	7.69	308	327	0.30	9.11	24.7	12.35	24.0	25.9
D831628		0.08	39.6	0.83	0.0164	7.10	1.01	5.93	340	515	0.32	6.65	25.4	10.45	23.1	22.5
D831629		0.09	39.9	0.65	0.0297	9.16	1.21	9.08	326	384	0.30	12.75	23.1	12.50	29.9	25.7
D831630		0.07	40.7	1.28	0.0132	3.10	0.19	1.80	381	319	0.26	0.117	16.55	0.364	1.965	3.43
D831631		0.08	38.6	0.65	0.0110	8.30	0.81	7.61	294	411	0.22	8.20	26.9	9.67	22.2	21.1
D831632		0.08	39.6	0.67	0.130	9.33	1.47	7.89	183	471	0.32	14.35	21.4	13.05	35.4	32.0
D831633		0.08	40.9	0.60	0.0166	6.88	1.02	5.91	286	435	0.26	9.25	27.1	10.85	24.2	22.6
D831634		0.08	39.9	0.48	0.0160	10.65	0.98	7.29	251	368	0.25	9.93	27.2	8.96	26.2	22.7



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Sample Description	Method Analyte Units LOD	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	
		Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.005	0.01	1	0.004	0.005	0.002	0.001	0.005	0.01	0.002	0.1	0.001	0.1	0.01
D831607		16.05	1.115	738	10800	2.59	0.062	0.128	<0.001	0.168	2.33	10.90	3.8	1.210	15000	8.80
D831608		14.75	0.964	472	10500	2.22	0.040	0.145	<0.001	0.151	1.53	10.55	4.1	0.960	8780	6.06
D831609		14.60	2.03	395	9400	1.950	0.048	0.138	<0.001	0.103	1.74	8.99	4.2	1.460	10750	4.28
D831610		15.60	0.719	123.5	7100	0.402	0.008	0.028	<0.001	0.009	>10.0	0.823	4.4	2.69	23800	0.36
D831611		16.00	4.22	379	10100	2.12	0.043	0.101	0.005	0.100	1.84	9.34	4.4	1.590	12150	4.08
D831612		19.20	7.92	489	11900	2.85	0.060	0.033	<0.001	0.117	2.24	12.50	5.0	2.51	17000	4.67
D831613		13.35	3.48	433	8500	1.665	0.028	0.107	0.005	0.082	1.66	8.40	4.0	2.67	16700	3.42
D831614		15.65	4.61	448	10100	1.975	0.039	0.059	<0.001	0.097	2.29	8.69	4.7	2.75	24500	4.01
D831615		16.95	5.25	500	11100	2.26	0.042	0.069	<0.001	0.110	2.15	10.65	5.1	1.830	11250	4.07
D831616		17.90	5.36	570	11800	2.15	0.040	0.053	<0.001	0.137	2.19	10.75	4.9	1.550	10500	5.31
D831617		13.50	4.38	393	8400	1.790	0.040	0.060	0.003	0.070	2.69	8.12	4.0	1.850	19750	3.53
D831618		21.4	2.28	940	14100	2.74	0.062	0.035	<0.001	0.230	2.51	13.35	5.1	1.450	12150	9.90
D831619		16.90	2.19	810	11100	2.27	0.043	0.095	<0.001	0.193	2.88	9.78	3.9	1.540	12600	9.29
D831620		19.75	2.27	930	12900	2.66	0.066	0.088	<0.001	0.235	3.14	11.85	4.2	1.480	11800	11.30
D831621		16.60	1.125	534	8900	1.935	0.051	0.035	0.004	0.126	3.84	7.40	3.2	1.540	13550	6.05
D831622		17.95	1.580	662	10400	1.965	0.037	0.021	0.004	0.131	3.46	8.39	4.1	1.360	21700	6.83
D831623		19.90	1.295	673	11300	2.31	0.050	0.042	0.001	0.155	2.86	9.77	4.7	1.380	18300	7.44
D831624		17.15	1.075	551	7300	1.215	0.029	0.034	<0.001	0.105	3.67	5.72	2.7	2.46	33300	4.50
D831625		16.40	1.290	690	10900	1.795	0.054	0.117	<0.001	0.171	1.93	11.25	3.9	1.430	6670	5.87
D831626		19.95	1.615	568	12100	2.13	0.041	0.071	0.006	0.115	3.09	11.10	6.0	2.24	9780	5.14
D831627		20.1	2.90	638	12900	2.46	0.060	0.054	<0.001	0.174	2.55	12.45	4.8	1.230	8590	6.77
D831628		17.30	3.47	474	11300	2.23	0.047	0.056	<0.001	0.115	1.88	12.70	5.1	1.860	14700	4.57
D831629		21.5	5.13	713	14400	2.90	0.063	0.051	<0.001	0.219	2.20	15.95	5.2	1.310	8110	9.24
D831630		7.84	0.675	81.8	2700	0.370	<0.005	0.023	<0.001	0.007	>10.0	1.065	37.5	2.22	24000	0.28
D831631		15.30	1.820	520	10400	2.19	0.065	0.109	0.001	0.158	2.12	11.50	3.5	1.150	9920	6.60
D831632		26.7	6.79	948	17400	3.78	0.075	0.111	0.002	0.306	2.11	20.2	5.7	0.990	3390	9.69
D831633		18.05	3.01	618	11700	2.37	0.060	0.056	<0.001	0.172	1.78	12.65	4.0	1.250	5770	6.93
D831634		16.65	3.47	648	11100	2.81	0.076	0.065	0.002	0.181	2.42	13.90	3.7	1.180	7100	8.31



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Sample Description	Method Analyte Units LOD	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	
		Na	Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr
		%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.04	0.001	0.01	0.001	0.002	0.01	0.001	0.01	0.01	0.005	0.01	0.02	
D831607		0.055	0.720	655	1.585	424	0.041	0.019	58.7	0.036	2.14	7.73	1.98	7.39	5.77	736
D831608		0.043	0.647	493	1.120	205	0.029	0.013	46.8	0.028	1.10	4.44	1.93	4.37	5.33	1300
D831609		0.039	0.607	546	1.100	96.7	0.021	0.011	61.4	0.023	1.04	3.69	1.88	3.44	4.30	583
D831610		0.011	0.081	486	2.77	8.10	0.074	0.135	128.0	0.032	1.90	0.38	1.90	0.974	0.40	242
D831611		0.042	0.519	562	1.200	107.0	0.017	0.011	78.6	0.035	0.94	3.35	1.98	4.11	4.92	620
D831612		0.053	0.436	773	1.460	136.5	0.023	0.012	122.0	0.035	1.03	2.80	2.62	5.24	5.09	786
D831613		0.037	0.449	681	1.350	106.5	0.009	0.022	87.6	0.019	0.81	2.56	1.67	2.93	4.36	772
D831614		0.045	0.509	605	1.945	114.0	0.021	0.012	108.0	0.032	1.14	3.57	1.84	3.42	5.23	667
D831615		0.048	0.563	775	1.760	123.0	0.019	0.019	96.6	0.027	1.38	3.77	2.07	5.02	5.83	718
D831616		0.050	0.516	621	1.685	129.5	0.030	0.012	112.0	0.043	0.90	3.50	1.97	4.06	5.84	654
D831617		0.058	0.458	602	1.880	98.8	0.007	0.011	107.5	0.025	1.15	3.69	1.70	3.15	4.02	884
D831618		0.083	0.689	917	2.14	328	0.040	0.023	92.0	0.062	1.83	6.14	2.32	7.69	8.71	654
D831619		0.117	0.767	796	1.995	306	0.024	0.017	109.0	0.069	2.20	6.80	1.92	6.88	6.86	966
D831620		0.121	0.856	863	2.17	362	0.072	0.027	118.0	0.067	2.22	8.02	2.22	7.46	8.62	918
D831621		0.183	0.588	637	2.30	239	0.019	0.017	100.5	0.085	2.27	6.58	1.57	4.87	5.18	807
D831622		0.226	0.706	633	2.50	231	0.048	0.023	118.0	0.042	1.96	6.78	1.77	5.51	6.44	1410
D831623		0.164	0.705	875	1.985	297	0.112	0.031	81.0	0.049	1.60	7.12	2.13	5.78	6.81	881
D831624		0.110	0.443	607	2.13	106.5	0.020	0.008	105.0	0.083	1.57	3.81	1.28	3.80	3.58	1170
D831625		0.080	0.595	814	1.255	285	0.033	0.013	49.6	0.030	1.01	3.56	1.82	5.35	5.30	564
D831626		0.077	0.682	797	1.695	138.5	0.027	0.020	59.9	0.046	1.22	3.32	2.08	4.11	5.09	712
D831627		0.104	0.530	720	1.610	202	0.024	0.016	98.2	0.073	1.43	4.92	2.28	6.16	6.13	830
D831628		0.090	0.404	596	1.245	140.0	0.015	0.010	75.6	0.026	0.96	3.59	2.15	4.13	5.63	624
D831629		0.079	0.536	753	1.375	238	0.030	0.030	82.9	0.046	1.33	5.83	2.64	6.82	7.50	437
D831630		0.012	0.066	809	3.17	4.97	0.036	0.004	198.5	0.099	4.89	0.23	1.69	0.561	0.40	213
D831631		0.080	0.467	637	1.245	243	0.017	0.011	72.0	0.041	1.25	5.73	2.02	5.96	5.20	494
D831632		0.075	0.597	1115	1.255	423	0.049	0.028	100.5	0.046	1.17	5.30	3.14	9.36	9.61	456
D831633		0.067	0.507	785	1.385	212	0.019	0.092	80.7	0.037	1.17	5.37	2.01	5.35	5.68	619
D831634		0.096	0.566	639	1.645	343	0.021	0.023	85.0	0.038	1.65	7.28	2.16	6.85	6.26	470



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Sample Description	Method Analyte Units LOD	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	ME-VEG41a	
		Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm 0.001	ppm 0.005	ppm 0.002	% 0.001	ppm 0.002	ppm 0.005	ppm 0.05	ppm 0.01	ppm 0.003	ppm 0.1	ppm 0.02
D831607		<0.001	0.168	1.500	0.019	0.296	0.660	30.6	2.18	7.26	2060	4.27
D831608		<0.001	0.130	1.570	0.018	0.558	0.596	23.5	1.66	6.69	2100	4.96
D831609		<0.001	0.102	1.475	0.018	1.805	0.462	19.90	1.32	5.48	2070	4.89
D831610		<0.001	0.230	0.206	0.004	0.759	0.079	2.73	0.19	0.429	482	0.94
D831611		<0.001	0.147	1.490	0.019	3.17	0.465	21.6	1.36	5.49	2000	3.60
D831612		<0.001	0.168	1.905	0.022	0.620	0.552	26.1	1.46	7.58	1930	0.75
D831613		<0.001	0.132	1.195	0.016	3.56	0.400	17.05	1.10	5.23	1680	4.00
D831614		<0.001	0.137	1.400	0.018	5.32	0.491	19.80	1.34	5.18	1605	1.69
D831615		<0.001	0.185	1.690	0.020	2.82	0.525	22.4	1.30	7.02	2510	2.26
D831616		0.005	0.198	1.680	0.020	2.87	0.542	22.3	1.68	6.38	1940	1.59
D831617		<0.001	0.125	1.170	0.016	1.720	0.388	17.80	1.11	5.10	2910	1.88
D831618		0.005	0.317	1.980	0.024	1.105	0.749	32.2	2.94	8.08	3020	1.11
D831619		<0.001	0.245	1.515	0.019	0.858	0.651	28.7	2.68	6.16	2130	3.28
D831620		<0.001	0.286	1.775	0.022	0.904	0.776	33.9	3.16	7.55	2030	3.09
D831621		0.005	0.150	0.968	0.016	0.429	0.476	23.5	1.92	4.51	2800	1.39
D831622		<0.001	0.193	1.200	0.018	0.596	0.565	25.9	2.07	5.85	2350	1.26
D831623		<0.001	0.328	1.405	0.022	0.661	0.629	27.7	2.21	5.66	1535	1.61
D831624		<0.001	0.238	0.693	0.012	0.619	0.355	15.95	1.53	3.41	3410	1.27
D831625		<0.001	0.231	1.390	0.019	0.748	0.503	20.5	1.95	6.46	1830	3.71
D831626		0.006	0.197	1.730	0.021	1.510	0.538	22.0	1.74	6.71	2680	2.50
D831627		0.009	0.259	1.570	0.021	1.145	0.649	30.1	2.10	7.26	1915	1.39
D831628		<0.001	0.156	1.685	0.020	3.65	0.526	23.5	1.48	7.35	2280	1.95
D831629		0.009	0.256	2.09	0.025	0.726	0.757	33.4	2.47	9.41	2290	1.59
D831630		<0.001	0.104	0.183	0.003	0.277	0.124	2.44	15.05	0.594	511	1.00
D831631		0.005	0.199	1.445	0.018	0.819	0.550	27.1	1.86	6.77	2000	3.49
D831632		0.006	0.320	2.44	0.031	2.55	0.795	40.0	2.81	11.65	1510	3.15
D831633		<0.001	0.206	1.620	0.020	1.680	0.624	27.7	2.03	7.63	2560	1.92
D831634		0.007	0.181	1.680	0.020	0.407	0.660	30.5	2.38	8.23	2650	2.01



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**CERTIFICATE OF ANALYSIS VA21184055**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: Reported concentration is in the ashed product, not in the dried and separated (if applicable) sample.  
ME-VEG41a

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
DISP-01 LOG-22 ME-VEG41a VEG-ASH01  
WEI-21

Appendix 10. Biogeochemistry QA/QC

Mean Percentage Difference (MPD) for natural variability in black spruce twig field duplicates  
 ≤30% MPD is considered acceptable

	VEG-ASH01 WT. SAMP USED g	VEG-ASH01 WT. ASH g	ME-VEG41a Au ppm	ME-VEG41a Ag ppm	ME-VEG41a Al %	ME-VEG41a As ppm	ME-VEG41a B ppm	ME-VEG41a Ba ppm	ME-VEG41a Be ppm
D831580	40.1	0.45	0.0163	19.2	1.01	10.2	329	205	0.27
D831581	40.6	0.43	0.0172	17.75	0.86	9.78	367	242	0.23
Mean	40.35	0.44	0.01675	18.475	0.935	9.99	348	223.5	0.25
<b>MPD</b>	<b>1.24</b>	<b>4.55</b>	<b>5.37</b>	<b>7.85</b>	<b>16.04</b>	<b>4.20</b>	<b>10.92</b>	<b>16.55</b>	<b>16.00</b>
D831599	30.8	0.55	0.0061	3.78	0.51	5.38	413	545	0.16
D831600	39.3	0.72	0.0124	4.16	0.53	4.1	412	657	0.15
Mean	35.05	0.635	0.00925	3.97	0.52	4.74	412.5	601	0.155
<b>MPD</b>	<b>24.25</b>	<b>26.77</b>	<b>68.11</b>	<b>9.57</b>	<b>3.85</b>	<b>27.00</b>	<b>0.24</b>	<b>18.64</b>	<b>6.45</b>
D831619	40.3	0.35	0.0184	14.1	0.88	9.49	324	216	0.26
D831620	39.6	0.34	0.0213	16.65	0.99	11	307	219	0.28
Mean	39.95	0.345	0.01985	15.375	0.935	10.245	315.5	217.5	0.27
<b>MPD</b>	<b>1.75</b>	<b>2.90</b>	<b>14.61</b>	<b>16.59</b>	<b>11.76</b>	<b>14.74</b>	<b>5.39</b>	<b>1.38</b>	<b>7.41</b>

	ME-VEG41a Bi ppm	ME-VEG41a Ca %	ME-VEG41a Cd ppm	ME-VEG41a Ce ppm	ME-VEG41a Co ppm	ME-VEG41a Cr ppm	ME-VEG41a Cs ppm	ME-VEG41a Cu ppm	ME-VEG41a Fe ppm
D831580	12.3	23.6	15.65	19.4	31.1	20.7	2.08	915	12200
D831581	9.89	25.9	15	15.85	27.8	16.45	1.72	812	9900
Mean	11.095	24.75	15.325	17.625	29.45	18.575	1.9	863.5	11050
<b>MPD</b>	<b>21.72</b>	<b>9.29</b>	<b>4.24</b>	<b>20.14</b>	<b>11.21</b>	<b>22.88</b>	<b>18.95</b>	<b>11.93</b>	<b>20.81</b>
D831599	2.45	26.2	14.2	8.92	24.1	8.45	1.735	313	4900
D831600	2.5	26.9	15.15	8.99	25	8.74	1.915	320	5100
Mean	2.475	26.55	14.675	8.955	24.55	8.595	1.825	316.5	5000
<b>MPD</b>	<b>2.02</b>	<b>2.64</b>	<b>6.47</b>	<b>0.78</b>	<b>3.67</b>	<b>3.37</b>	<b>9.86</b>	<b>2.21</b>	<b>4.00</b>
D831619	11.7	24.4	15.55	19.35	27.4	16.9	2.19	810	11100
D831620	14.3	23.5	16.95	23.6	30.1	19.75	2.27	930	12900
Mean	13	23.95	16.25	21.475	28.75	18.325	2.23	870	12000
<b>MPD</b>	<b>20.00</b>	<b>3.76</b>	<b>8.62</b>	<b>19.79</b>	<b>9.39</b>	<b>15.55</b>	<b>3.59</b>	<b>13.79</b>	<b>15.00</b>

Appendix 10. Biogeochemistry QA/QC

	ME-VEG41a Ga ppm	ME-VEG41a Ge ppm	ME-VEG41a Hf ppm	ME-VEG41a Hg ppm	ME-VEG41a In ppm	ME-VEG41a K %	ME-VEG41a La ppm	ME-VEG41a Li ppm	ME-VEG41a Mg %
D831580	2.41	0.07	0.007	0.003	0.215	4.21	9.57	4.1	1.74
D831581	1.935	0.058	0.012	0.002	0.154	3.53	7.94	3.4	1.77
Mean	2.1725	0.064	0.0095	0.0025	0.1845	3.87	8.755	3.75	1.755
<b>MPD</b>	<b>21.86</b>	<b>18.75</b>	<b>52.63</b>	<b>40.00</b>	<b>33.06</b>	<b>17.57</b>	<b>18.62</b>	<b>18.67</b>	<b>1.71</b>
D831599	1.01	0.026	0.064	0.006	0.042	2.44	4.62	2.4	1.73
D831600	1.005	0.023	0.053	0.0005	0.052	2.64	4.64	2.6	1.76
Mean	1.0075	0.0245	0.0585	0.00325	0.047	2.54	4.63	2.5	1.745
<b>MPD</b>	<b>0.50</b>	<b>12.24</b>	<b>18.80</b>	<b>169.23</b>	<b>21.28</b>	<b>7.87</b>	<b>0.43</b>	<b>8.00</b>	<b>1.72</b>
D831619	2.27	0.043	0.095	0.0005	0.193	2.88	9.78	3.9	1.54
D831620	2.66	0.066	0.088	0.0005	0.235	3.14	11.85	4.2	1.48
Mean	2.465	0.0545	0.0915	0.0005	0.214	3.01	10.815	4.05	1.51
<b>MPD</b>	<b>15.82</b>	<b>42.20</b>	<b>7.65</b>	<b>0.00</b>	<b>19.63</b>	<b>8.64</b>	<b>19.14</b>	<b>7.41</b>	<b>3.97</b>

	ME-VEG41a Mn ppm	ME-VEG41a Mo ppm	ME-VEG41a Na %	ME-VEG41a Nb ppm	ME-VEG41a Ni ppm	ME-VEG41a P %	ME-VEG41a Pb ppm	ME-VEG41a Pd ppm	ME-VEG41a Pt ppm
D831580	18900	9.01	0.093	0.544	987	2.77	344	0.027	0.02
D831581	20700	7.66	0.085	0.471	893	2.34	286	0.024	0.015
Mean	19800	8.335	0.089	0.5075	940	2.555	315	0.0255	0.0175
<b>MPD</b>	<b>9.09</b>	<b>16.20</b>	<b>8.99</b>	<b>14.38</b>	<b>10.00</b>	<b>16.83</b>	<b>18.41</b>	<b>11.76</b>	<b>28.57</b>
D831599	50000	2.23	0.035	0.299	322	1.78	70.1	0.014	0.006
D831600	50000	2.35	0.037	0.267	336	1.805	66.7	0.006	0.007
Mean	50000	2.29	0.036	0.283	329	1.7925	68.4	0.01	0.0065
<b>MPD</b>	<b>0.00</b>	<b>5.24</b>	<b>5.56</b>	<b>11.31</b>	<b>4.26</b>	<b>1.39</b>	<b>4.97</b>	<b>80.00</b>	<b>15.38</b>
D831619	12600	9.29	0.117	0.767	796	1.995	306	0.024	0.017
D831620	11800	11.3	0.121	0.856	863	2.17	362	0.072	0.027
Mean	12200	10.295	0.119	0.8115	829.5	2.0825	334	0.048	0.022
<b>MPD</b>	<b>6.56</b>	<b>19.52</b>	<b>3.36</b>	<b>10.97</b>	<b>8.08</b>	<b>8.40</b>	<b>16.77</b>	<b>100.00</b>	<b>45.45</b>



Appendix 10. Biogeochemistry QA/QC

	ME-VEG41a Rb ppm	ME-VEG41a Re ppm	ME-VEG41a S %	ME-VEG41a Sb ppm	ME-VEG41a Sc ppm	ME-VEG41a Se ppm	ME-VEG41a Sn ppm	ME-VEG41a Sr ppm	ME-VEG41a Ta ppm
D831580	149	0.085	2.58	5.82	2.39	10.25	6.44	567	0.011
D831581	129.5	0.071	2.14	5.07	1.89	8.14	5.28	607	0.008
Mean	139.25	0.078	2.36	5.445	2.14	9.195	5.86	587	0.0095
<b>MPD</b>	<b>14.00</b>	<b>17.95</b>	<b>18.64</b>	<b>13.77</b>	<b>23.36</b>	<b>22.95</b>	<b>19.80</b>	<b>6.81</b>	<b>31.58</b>
D831599	96.3	0.029	0.94	1.83	1.17	3.09	2.26	970	0.0005
D831600	107	0.027	0.78	2.05	1.24	1.91	2.64	970	0.0005
Mean	101.65	0.028	0.86	1.94	1.205	2.5	2.45	970	0.0005
<b>MPD</b>	<b>10.53</b>	<b>7.14</b>	<b>18.60</b>	<b>11.34</b>	<b>5.81</b>	<b>47.20</b>	<b>15.51</b>	<b>0.00</b>	<b>0.00</b>
D831619	109	0.069	2.2	6.8	1.92	6.88	6.86	966	0.0005
D831620	118	0.067	2.22	8.02	2.22	7.46	8.62	918	0.0005
Mean	113.5	0.068	2.21	7.41	2.07	7.17	7.74	942	0.0005
<b>MPD</b>	<b>7.93</b>	<b>2.94</b>	<b>0.90</b>	<b>16.46</b>	<b>14.49</b>	<b>8.09</b>	<b>22.74</b>	<b>5.10</b>	<b>0.00</b>

	ME-VEG41a Te ppm	ME-VEG41a Th ppm	ME-VEG41a Ti %	ME-VEG41a Tl ppm	ME-VEG41a U ppm	ME-VEG41a V ppm	ME-VEG41a W ppm	ME-VEG41a Y ppm	ME-VEG41a Zn ppm	ME-VEG41a Zr ppm
D831580	0.39	1.145	0.022	0.313	0.671	31	2.51	4.68	2180	0.43
D831581	0.303	1.025	0.017	0.243	0.536	26.1	2.14	3.83	2370	0.48
Mean	0.3465	1.085	0.0195	0.278	0.6035	28.55	2.325	4.255	2275	0.455
<b>MPD</b>	<b>25.11</b>	<b>11.06</b>	<b>25.64</b>	<b>25.18</b>	<b>22.37</b>	<b>17.16</b>	<b>15.91</b>	<b>19.98</b>	<b>8.35</b>	<b>10.99</b>
D831599	0.101	0.633	0.009	0.151	0.238	10.05	0.66	2.21	2650	1.95
D831600	0.078	0.672	0.01	0.273	0.258	10.15	0.67	2.26	2630	1.47
Mean	0.0895	0.6525	0.0095	0.212	0.248	10.1	0.665	2.235	2640	1.71
<b>MPD</b>	<b>25.70</b>	<b>5.98</b>	<b>10.53</b>	<b>57.55</b>	<b>8.06</b>	<b>0.99</b>	<b>1.50</b>	<b>2.24</b>	<b>0.76</b>	<b>28.07</b>
D831619	0.245	1.515	0.019	0.858	0.651	28.7	2.68	6.16	2130	3.28
D831620	0.286	1.775	0.022	0.904	0.776	33.9	3.16	7.55	2030	3.09
Mean	0.2655	1.645	0.0205	0.881	0.7135	31.3	2.92	6.855	2080	3.185
<b>MPD</b>	<b>15.44</b>	<b>15.81</b>	<b>14.63</b>	<b>5.22</b>	<b>17.52</b>	<b>16.61</b>	<b>16.44</b>	<b>20.28</b>	<b>4.81</b>	<b>5.97</b>

Appendix 11. Grab sample coordinates and descriptions

Sample ID	Point Type	Date	Sampler	Northing	Easting	Lithology	Texture	Alteration	Alt Style	Alt Intensity	Min Type 1	Min Style 1	Min % 1
C767121	Grab	5/19/2021	Grant Mourre	5171308	547227	GAB					POCP		0
C767122	Grab	5/19/2021	Grant Mourre	5171313	547228	GAB					PO		0
C767123	Grab	5/19/2021	Grant Mourre	5171318	547227	GAB					POCP		1
C767124	Grab	5/19/2021	Grant Mourre	5171323	547228	GAB					POCP		1
C767125	Grab	5/19/2021	Grant Mourre	5171328	547228	UMD					POCP		0
C767126	Grab	5/19/2021	Grant Mourre	5171333	547228	GAB					POCP		2
C767127	Grab	5/19/2021	Grant Mourre	5171335	547229	GAB					POCP		3
C767128	Grab	5/19/2021	Grant Mourre	5171319	547229	UMD							
C767129	Grab	5/19/2021	Grant Mourre	5171315	547228	UMD							
C767130	Grab	5/19/2021	Grant Mourre	5171337	547232	GAB					POCP		2
C767131	Grab	5/19/2021	Grant Mourre	5171339	547233	GAB					POCP		3
C767391	Grab	7/16/2021	Brad Clarke	5138955	546771	GAB_ME	Ms				CP	DS	1
C767392	Grab	7/16/2021	Brad Clarke	5168972	546763	GAB_ME	Ms				CP	DS	1
C767393	Grab	7/16/2021	Brad Clarke	5168978	546777	GAB_ME	Ms				CP	DS	1
C767394	Grab	7/16/2021	Brad Clarke	5169572	547217	GAB	Ms				ASP CP	DS	1
C767395	Grab	7/16/2021	Brad Clarke	5169572	547215	GAB	Ms				ASP CP	DS	1
D831635	Grab	7/1/2021	Rachel Chouinard	5171520	547573	GAB_O	Ms				PO	DS	0.1
D831636	Grab	7/1/2021	Rachel Chouinard	5171501	547570	GAB_O	Ms				POCP	DS	0.1
D831637	Grab	7/1/2021	Rachel Chouinard	5171581	547478	GAB_O	Ms				PO	DS	0.3
D831638	Grab	7/9/2021	Rachel Chouinard	5171446	547489	GAB_O	Ms				POCP	BS	0.3
D831639	Grab	7/9/2021	Rachel Chouinard	5171410	547422	GAB	Ms	SIL	P	W	PO	DS	0.1
D831641	Grab	7/12/2021	Rachel Chouinard	5171345	547355.5	GAB	Ms				PO	DS	0.5
D831642	Grab	7/12/2021	Rachel Chouinard	5171344	547355	UMD	Ms	TLC	P	W	PO	DS	0.3
D831643	Grab	7/12/2021	Rachel Chouinard	5171349	547322	GAB_ME	Ms				POCP	BS	1
D831644	Grab	7/12/2021	Rachel Chouinard	5171330	547426	GAB	Ms				POCP	BS	0.3
D831645	Grab	7/12/2021	Rachel Chouinard	5171330	547430	GAB	Ms				POCP	BS	3
D831646	Grab	7/13/2021	Rachel Chouinard	5171304	547437	GAB	Ms				PO	DS	0.3
D831647	Grab	7/14/2021	Rachel Chouinard	5171241	547422	GAB_ME	Ms				PO	BS	0.3
D831648	Grab	7/14/2021	Rachel Chouinard	5171257	547357	GAB	Ms				PO	BS	0.3
D831649	Grab	7/19/2021	Rachel Chouinard	5171616	546859	GAB	Ms				PO	DS	0.3
D831651	Grab	7/19/2021	Rachel Chouinard	5171384	547109	GAB	Sh						

Appendix 11. Grab sample coordinates and descriptions

Sample ID	Min Type 2	Min Style 2	Min % 2	Description
C767121				
C767122				
C767123				
C767124				
C767125				
C767126				
C767127				
C767128				NV sulphides
C767129				NV sulphides
C767130				
C767131				
C767391				Medium coarse grained equigranular moderately magnetic melagabbro (Mela/ OPX?) minor to trace Diss Cpy
C767392				Medium coarse grained equigranular moderately magnetic melagabbro (Mela/ OPX?) minor to trace Diss Cpy
C767393				Medium coarse grained equigranular moderately magnetic melagabbro (Mela/ OPX?) minor to trace Diss Cpy
C767394				Coarse grained gabbro or leucogabbro equigranular massive with diss Po/Cpy and Asp. Looks like mainly Asp. Locally blebby. Sulfide burns on OC.
C767395				Coarse grained gabbro or leucogabbro equigranular massive with diss Po/Cpy and Asp. Looks like mainly Asp. Locally blebby. Sulfide burns on OC.
D831635				Medium-grained massive gabbro; looks like OPX gabbro; trace disseminated pyrrhotite; nonmagnetic to very weakly magnetic; rust on fractures.
D831636				Massive medium-grained OPX gabbro; trace disseminated po-cpy; weakly magnetic; rusty fractures.
D831637				Massive medium-grained OPX gabbro; minor patches of diss po; weakly magnetic; rusty fractures.
D831638				Massive medium-grained OPX (?) gabbro; blebs of minor po and trace cpy; rusty spots.
D831639				Fine-grained massive sugary textured gabbro; trace very fine-grained diss cpy.
D831641				Massive mg gabbro more ultramafic looking due to proximity to ultramafic dike/layer; contacts gradual like in Trench 1 drill core. Minor to 0.5% fg diss and blebby po.
D831642				Medium-grained massive ultramafic dike/layer about 2 m wide?; gradual contacts into the gabbro like in Trench 1 drill core. Minor fg diss po.
D831643				Coarse-grained very mafic section (melagabbro) of VT gabbro; abundant green pyroxene; 1% blebs of cpy > po; small very rusty areas on outcrop.
D831644				Medium-grained massive gabbro; blebby 0.3-0.5% po and cpy.
D831645				Medium- to coarse-grained gabbro; very rusty mineralized patch; 3% blebby po-cpy.
D831646				Medium-grained more mafic gabbro but not quite melagabbro; abundant elongated dark green pyroxenes; minor diss fg po.
D831647				Fine- to medium-grained gabbro more mafic than plain gabbro; abundant green pyroxene; almost melagabbro; blebby minor po.
D831648				Medium-grained massive gabbro; minor blebby po.
D831649				Mg gabbro on the leuco side with minor vfg diss po or py (looks more like py)
D831651				fg sheared gabbro with minor diss fg py? rusty fractures; calcite stockwork? nonmagnetic

Appendix 11. Grab sample coordinates and descriptions

Sample ID	Point Type	Date	Sampler	Northing	Easting	Lithology	Texture	Alteration	Alt Style	Alt Intensity	Min Type 1	Min Style 1	Min % 1
D831652	Grab	7/21/2021	Rachel Chouinard	5171407	546518	SEDS	Ms				PO	DS	3
D831653	Grab	7/21/2021	Rachel Chouinard	5171184	547082	GAB	Ms				POCP	BS	0.3
D831654	Grab	7/26/2021	Rachel Chouinard	5171233	547195	UMD	Sh				POCP	DS	5
D831655	Grab	7/26/2021	Rachel Chouinard	5171234	547195	GAB	Ms				POCP	DS	5
D831656	Grab	7/26/2021	Rachel Chouinard	5171231	547193	SEDS	Ap				PO	DS	0.1
D831657	Grab	7/27/2021	Rachel Chouinard	5171211	547304	GAB					POCP	DS	0.3
D831658	Grab	7/27/2021	Rachel Chouinard	5171245	547332	GAB	Ms				PO	BS	0.5
D831659	Grab	7/27/2021	Rachel Chouinard	5171072	547345	GAB	Ms				PO	MS	0.3
D831661	Grab	7/28/2021	Rachel Chouinard	5170515	547185	GAB_CM	Ap				POCP	STR	0.3
D831662	Grab	7/29/2021	Rachel Chouinard	5171057	547142	GAB	Ms				PO	DS	0.3
D831663	Grab	7/29/2021	Rachel Chouinard	5170973	547327	GAB	Ms				POCP	DS	0.1
D831664	Grab	8/3/2021	Rachel Chouinard	5170657	546922	GAB	Ms				PO	DS	0.3
D831665	Grab	8/3/2021	Rachel Chouinard	5170678	546951	GAB	Ms				POCP	DS	0.3
D831666	Grab	10/1/2021	Rachel Chouinard	5168978	546764	GAB	Ms				PO	DS	3
D831667	Grab	10/7/2021	Rachel Chouinard	5169964	549100	GAB	Ms				CP	BS	3
D831668	Grab	10/7/2021	Rachel Chouinard	5169959	549105	GAB	Ms				POCP	BS	2
D831669	Grab	9/10/2021	Grant Mourre	5171467	547292	GAB	Sh						

Appendix 11. Grab sample coordinates and descriptions

Sample ID	Min Type 2	Min Style 2	Min % 2	Description
D831652				massive light grey sediment with vfg diss 3% po. very rusty. near IP anomaly. float on flat outcrop surface.
D831653				massive mg gabbro. on the more leuco side. Minor blebby po-cpy. rusty
D831654				UM dike? in shear zone in gabbro/leucogabbro old trench outcrop. 5% or more po-cpy. very rusty with gossanous spots.
D831655				mg gabbro or leucogabbro with 5% or more po-cpy; very rusty. next to shear zone with UMD
D831656				vfg aphanitic dark grey sediments caught up in talc-altered shear zone in gabbro; trace po; rusty surface
D831657				Fg gabbro minor strain; minor po-cpy; rusty spots
D831658				Mg massive gabbro with 0.5% blebby po
D831659	CP	DS	0.1	massive medium-grained gabbro on more mafic side. very hard. rusty spots and pods. Minor diss po>cpy
D831661				Chill margin? Grey vfg gabbro or sed. Feels like gabbro. Vfg minor blebs and stringers of po-py-cpy? Deformed but no obvious fabric.
D831662				Medium-grained massive gabbro; minor disseminated pyrrhotite
D831663				Granular fg gabbro like RC21034. Pyroxenes look black instead of regular green. Rusty spots. Trace po-cpy.
D831664	CP	DS	0.1	fg-mg plain gabbro with minor disseminated po and trace cpy
D831665				fg-mg gabbro with minor to maybe 0.5% disseminated pyrrhotite
D831666	CP	DS	0.5	Rusty medium-grained massive gabbro at Kirkland Townsite Showing; 3% disseminated pyrrhotite; 0.5% disseminated chalcopyrite; weakly magnetic.
D831667	PO	BS	2	Medium-grained slightly sheared gabbro; very rusty pod in gabbro about 2 by 3 metres on edge of cliff by Sturgeon river; Ossington-Triller occurrence; 3% cpy 2% po blebs.
D831668				Medium-grained slightly sheared gabbro; blebby halo around rusty pod sampled in D831667; Ossington-Triller occurrence; 2% po-cpy blebs.
D831669				Sheared gabbro at gabbro-sediment contact

## **Appendix 12. Grab sample assay certificates**



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 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

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 Finalized Date: 8-JUN-2021  
 Account: SDPTCP

**CERTIFICATE SD21125448**

Project: Janes

This report is for 11 samples of Rock submitted to our lab in Sudbury, ON, Canada on 19-MAY-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-21	Sample logging - ClientBarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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 Total # Pages: 2 (A - B)  
 Plus Appendix Pages  
 Finalized Date: 8-JUN-2021  
 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21125448**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01
C767121		1.47	13.90	<0.01	13.20	0.006	0.12	0.189	6.22	8.89	0.4	9.75	0.14	0.091	<0.01	0.50
C767122		2.11	13.80	<0.01	12.50	0.005	0.10	0.229	6.49	9.28	0.4	9.36	0.13	0.107	<0.01	0.68
C767123		1.92	14.65	<0.01	12.65	0.005	0.10	0.249	6.36	9.09	0.6	9.33	0.12	0.109	<0.01	0.72
C767124		1.88	14.60	<0.01	13.05	0.006	0.10	0.353	6.90	9.86	0.3	9.42	0.13	0.153	0.01	1.01
C767125		1.52	13.20	0.08	4.59	0.009	0.11	0.147	5.84	8.35	0.4	20.1	0.13	0.164	<0.01	0.13
C767126		1.07	13.50	<0.01	11.70	0.008	0.09	0.425	7.36	10.50	0.2	10.05	0.14	0.182	<0.01	0.93
C767127		1.72	13.75	<0.01	13.40	0.012	0.09	0.683	8.23	11.75	0.2	9.66	0.15	0.269	<0.01	1.78
C767128		1.26	15.80	<0.01	1.74	0.003	0.11	0.007	6.24	8.92	0.1	25.0	0.13	0.104	<0.01	<0.01
C767129		1.14	17.45	<0.01	1.19	0.003	0.14	0.007	6.61	9.45	<0.1	26.3	0.14	0.089	<0.01	0.01
C767130		0.87	14.10	<0.01	12.20	0.007	0.09	0.289	6.54	9.35	0.5	9.45	0.15	0.120	<0.01	0.74
C767131		1.44	13.15	<0.01	11.65	0.010	0.09	0.721	7.95	11.35	0.4	9.29	0.15	0.264	<0.01	1.69





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 Plus Appendix Pages  
 Finalized Date: 8-JUN-2021  
 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21125448**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	PUL-QC	CRU-QC
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass75um %	Pass2mm %
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C767121		50.7	0.40	0.006	0.061	0.066	0.271	0.8	97.1	82.9
C767122		50.3	0.43	0.007	0.074	0.064	0.218	1.3	97.5	
C767123		51.8	0.42	0.006	0.071	0.060	0.188	1.4		
C767124		51.6	0.43	0.007	0.103	0.073	0.151	1.7		
C767125		47.1	0.46	0.015	0.024	0.084	0.190	1.3		
C767126		51.3	0.42	0.006	0.134	0.099	0.210	1.8		
C767127		48.1	0.31	0.008	0.220	0.132	0.293	2.8		
C767128		38.9	0.46	0.011	0.004	0.103	0.345	0.3		
C767129		34.4	0.53	0.013	<0.001	0.046	0.140	0.2		
C767130		50.1	0.42	0.005	0.085	0.063	0.126	1.0		
C767131		48.6	0.40	0.007	0.260	0.155	0.333	2.6		



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 Finalized Date: 8-JUN-2021  
 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21125448**

	CERTIFICATE COMMENTS								
<p>Applies to Method:</p>	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td>PUL-31</td> </tr> </table>	CRU-31	CRU-QC	LOG-21		PUL-QC	SPL-21	WEI-21	PUL-31
CRU-31	CRU-QC	LOG-21							
PUL-QC	SPL-21	WEI-21	PUL-31						
<p>Applies to Method:</p>	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA45</td> <td style="width: 33%;">ME-ICP81</td> <td style="width: 33%;">PGM-ICP23</td> <td style="width: 15%;"></td> </tr> </table>	Ag-AA45	ME-ICP81	PGM-ICP23					
Ag-AA45	ME-ICP81	PGM-ICP23							



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 Account: SDPTCP

**CERTIFICATE SD21186165**

Project: Janes

This report is for 5 samples of Rock submitted to our lab in Sudbury, ON, Canada on 19-JUL-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

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
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21186165**

Sample Description	Method Analyte Units LOD	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	
		Recvd Wt. kg	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %
		0.02	0.02	0.01	0.07	0.002	0.01	0.002	0.05	0.05	0.05	0.01	0.01	0.002	0.01	0.01
C767391		1.66	13.30	<0.01	10.05	0.004	0.01	0.104	8.11	11.60	0.31	8.81	0.18	0.025	<0.01	0.28
C767392		4.07	13.20	<0.01	10.55	0.008	0.01	0.190	8.63	12.35	0.34	9.04	0.19	0.061	<0.01	0.83
C767393		1.29	13.50	0.01	10.30	0.006	0.01	0.090	8.08	11.55	0.34	8.77	0.19	0.032	<0.01	0.38
C767394		1.79	12.55	0.01	10.60	0.011	0.01	0.317	8.36	11.95	0.41	9.73	0.16	0.099	<0.01	1.21
C767395		2.02	13.70	0.01	11.15	0.005	0.01	0.028	6.81	9.74	0.36	9.44	0.16	0.016	<0.01	0.11



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Project: Janes

<b>CERTIFICATE OF ANALYSIS SD21186165</b>
---

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	CRU-QC	PUL-QC
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass2mm %	Pass75um %
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
C767391		50.3	0.53	0.005	0.010	<0.005	0.004	0.3	80.9	88.8
C767392		50.7	0.48	0.006	0.017	<0.005	0.003	0.6		89.4
C767393		51.1	0.52	0.006	0.006	<0.005	<0.001	0.3		
C767394		48.1	0.38	0.007	0.024	0.007	0.003	1.4		
C767395		50.1	0.40	0.004	<0.001	<0.005	<0.001	0.2		



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Project: Janes

**CERTIFICATE OF ANALYSIS SD21186165**

	CERTIFICATE COMMENTS								
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td style="text-align: right;">PUL-31</td> </tr> </table>	CRU-31	CRU-QC	LOG-22		PUL-QC	SPL-21	WEI-21	PUL-31
CRU-31	CRU-QC	LOG-22							
PUL-QC	SPL-21	WEI-21	PUL-31						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA45</td> <td style="width: 33%;">ME-ICP81</td> <td style="width: 33%;">PGM-ICP23</td> <td></td> </tr> </table>	Ag-AA45	ME-ICP81	PGM-ICP23					
Ag-AA45	ME-ICP81	PGM-ICP23							



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 Account: SDPTCP

**CERTIFICATE SD21214831**

Project: Janes

This report is for 31 samples of Rock submitted to our lab in Sudbury, ON, Canada on 16-AUG-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD	BRAD CLARKE	GRANT MOURRE
------------------	-------------	--------------

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
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21214831**

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 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
D831635		1.08	13.60	<0.01	12.25	0.003	0.02	0.015	6.60	9.44	0.39	9.08	0.17	0.014	<0.01	0.06
D831636		1.33	13.20	0.01	12.70	0.005	0.03	0.026	6.75	9.65	0.37	10.45	0.17	0.024	<0.01	0.09
D831637		1.24	14.40	<0.01	12.80	0.003	0.07	0.017	5.71	8.16	0.38	9.81	0.15	0.025	<0.01	0.08
D831638		1.53	12.95	0.01	11.05	0.006	0.04	0.051	6.57	9.39	0.49	10.35	0.16	0.030	<0.01	0.12
D831639		0.79	12.65	0.01	8.81	0.004	0.04	0.021	5.41	7.73	0.69	9.54	0.15	0.022	<0.01	0.04
D831640		1.06	15.90	0.01	5.57	0.002	<0.01	<0.002	4.98	7.12	1.24	3.87	0.11	0.002	<0.01	0.03
D831641		0.91	12.45	<0.01	11.70	0.004	0.04	0.033	6.55	9.36	0.44	10.95	0.16	0.028	<0.01	0.09
D831642		1.27	12.75	<0.01	11.90	0.005	0.04	0.034	6.47	9.25	0.41	10.90	0.16	0.025	<0.01	0.13
D831643		1.34	5.27	<0.01	11.30	0.007	0.10	0.161	8.36	11.95	0.31	16.00	0.20	0.076	<0.01	0.31
D831644		1.10	14.20	0.01	11.80	0.005	0.02	0.018	6.64	9.49	0.55	8.94	0.17	0.019	<0.01	0.07
D831645		1.52	13.20	<0.01	10.75	0.007	0.02	0.336	9.02	12.90	0.47	8.85	0.19	0.082	<0.01	0.70
D831646		1.45	12.65	<0.01	11.45	0.005	0.03	0.029	7.01	10.00	0.48	9.80	0.17	0.025	<0.01	0.12
D831647		1.66	12.30	<0.01	11.65	0.004	0.03	0.023	6.82	9.75	0.48	10.30	0.18	0.022	<0.01	0.09
D831648		1.01	13.35	<0.01	9.77	0.005	0.04	0.023	6.07	8.68	0.57	10.45	0.16	0.020	<0.01	0.13
D831649		1.59	13.65	0.01	7.49	<0.002	0.01	0.010	8.69	12.40	0.39	6.98	0.20	0.012	<0.01	0.10
D831650		1.04	15.95	0.01	6.97	0.003	0.01	0.003	4.85	6.93	1.01	4.44	0.11	<0.002	<0.01	0.07
D831651		1.56	13.25	0.01	8.27	0.006	0.02	0.012	8.17	11.70	0.36	8.60	0.15	0.016	<0.01	0.09
D831652		2.17	13.35	0.01	5.07	0.002	0.01	0.003	3.88	5.55	1.53	1.47	0.06	0.005	<0.01	0.50
D831653		1.92	13.80	0.01	11.25	0.005	<0.01	0.044	7.68	11.00	0.06	5.42	0.14	0.011	<0.01	0.13
D831654		1.11	14.05	0.01	4.55	0.007	0.05	0.537	6.29	8.99	0.88	12.50	0.10	0.164	0.01	0.91
D831655		1.39	13.50	0.01	9.54	0.005	0.04	0.545	7.45	10.65	0.60	7.91	0.12	0.115	<0.01	1.12
D831656		1.12	18.30	0.01	2.39	0.002	0.03	0.018	6.70	9.58	1.37	3.47	0.08	0.014	<0.01	0.12
D831657		1.02	12.80	0.01	10.70	0.004	0.04	0.042	6.42	9.18	0.30	10.65	0.16	0.039	<0.01	0.10
D831658		1.22	12.95	<0.01	11.55	0.006	0.04	0.050	6.34	9.06	0.52	10.45	0.15	0.034	<0.01	0.18
D831659		1.25	12.55	<0.01	11.05	0.006	0.02	0.037	7.16	10.25	0.32	9.14	0.17	0.022	<0.01	0.15
D831660		1.07	15.80	0.01	6.37	0.003	0.01	0.002	4.55	6.51	1.41	4.19	0.10	0.003	<0.01	0.09
D831661		1.49	14.25	<0.01	9.28	0.005	0.02	0.017	8.66	12.40	0.21	7.75	0.19	0.013	<0.01	0.05
D831662		1.44	14.05	<0.01	12.45	0.003	0.07	0.037	6.42	9.18	0.36	10.40	0.16	0.032	<0.01	0.11
D831663		1.51	13.05	<0.01	11.30	0.006	0.02	0.019	7.95	11.35	0.45	8.98	0.19	0.016	<0.01	0.06
D831664		1.40	12.75	0.01	11.40	0.005	0.03	0.025	6.94	9.92	0.38	10.20	0.18	0.021	<0.01	0.09
D831665		0.99	12.35	<0.01	11.45	0.005	0.02	0.026	6.96	9.95	0.37	10.35	0.18	0.024	<0.01	0.12





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To: SPC NICKEL CORP.  
 9C - 1351 KELLY LAKE ROAD  
 SUDBURY ON P3E 5P5

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 Finalized Date: 6-SEP-2021  
 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21214831**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	CRU-QC	PUL-QC
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass2mm %	Pass75um %
		0.2	0.01	0.002	0.001	0.005	0.001	0.2	0.01	0.01
D831635		48.8	0.48	0.020	0.004	0.007	0.003	<0.2	80.4	91.9
D831636		53.7	0.44	0.005	0.006	0.011	0.007	<0.2		93.5
D831637		51.8	0.39	0.005	0.013	0.044	0.043	<0.2		
D831638		50.9	0.46	0.006	0.024	0.030	0.029	<0.2		
D831639		47.5	0.34	0.021	0.007	0.018	0.014	<0.2		
D831640		59.7	0.57	0.006	<0.001	<0.005	<0.001	<0.2		
D831641		51.8	0.38	0.006	0.011	0.018	0.014	<0.2		
D831642		52.0	0.36	0.006	0.011	0.015	0.010	<0.2		
D831643		51.8	0.42	0.006	0.043	0.060	0.037	0.5		
D831644		53.1	0.43	0.006	0.003	0.007	0.004	<0.2		
D831645		49.0	0.45	0.007	0.114	0.066	0.052	1.2		
D831646		51.8	0.43	0.005	0.010	0.012	0.010	<0.2		
D831647		52.2	0.45	0.006	0.006	<0.005	0.004	<0.2		
D831648		52.2	0.40	0.008	0.007	0.010	0.005	<0.2		
D831649		51.1	0.84	0.016	0.002	0.006	0.002	<0.2		
D831650		58.4	0.53	0.005	<0.001	<0.005	<0.001	<0.2		
D831651		51.8	0.76	0.008	0.002	0.013	0.013	<0.2		
D831652		67.8	0.49	0.003	0.001	<0.005	0.001	0.2		
D831653		52.0	0.76	0.008	0.003	<0.005	0.001	<0.2		
D831654		49.8	0.52	0.008	0.163	0.205	0.884	2.8		
D831655		50.3	0.50	0.006	0.191	0.154	0.522	2.7		
D831656		55.0	0.88	0.002	0.003	0.006	0.008	<0.2		
D831657		50.7	0.38	0.006	0.019	0.023	0.020	0.2		
D831658		51.3	0.38	0.005	0.020	0.023	0.019	0.2		
D831659		51.6	0.47	0.006	0.006	0.009	0.004	<0.2		
D831660		59.0	0.52	0.005	0.008	<0.005	<0.001	<0.2		
D831661		51.6	0.86	0.006	0.004	0.012	0.012	<0.2		
D831662		54.5	0.43	0.005	0.021	0.046	0.077	<0.2		
D831663		54.3	0.56	0.007	0.003	<0.005	0.002	<0.2		
D831664		52.4	0.42	0.006	0.005	0.008	0.004	<0.2		
D831665		51.6	0.40	0.007	0.004	0.005	0.002	<0.2		



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 Finalized Date: 6-SEP-2021  
 Account: SDPTCP

Project: Janes

**CERTIFICATE OF ANALYSIS SD21214831**

	CERTIFICATE COMMENTS								
<p>Applies to Method:</p>	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td style="text-align: right;">PUL-31</td> </tr> </table>	CRU-31	CRU-QC	LOG-22		PUL-QC	SPL-21	WEI-21	PUL-31
CRU-31	CRU-QC	LOG-22							
PUL-QC	SPL-21	WEI-21	PUL-31						
<p>Applies to Method:</p>	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA45</td> <td style="width: 33%;">ME-ICP81</td> <td style="width: 33%;">PGM-ICP23</td> <td></td> </tr> </table>	Ag-AA45	ME-ICP81	PGM-ICP23					
Ag-AA45	ME-ICP81	PGM-ICP23							



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**CERTIFICATE SD21304764**

Project: JANES

This report is for 4 samples of Rock submitted to our lab in Sudbury, ON, Canada on 9-NOV-2021.

The following have access to data associated with this certificate:

RACHEL CHOUINARD

BRAD CLARKE

GRANT MOURRE

**SAMPLE PREPARATION**

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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Aq-AA45	Trace Ag - aqua regia/AAS	AAS
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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**CERTIFICATE OF ANALYSIS SD21304764**

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 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
		0.02	0.02	0.01	0.07	0.002	0.01	0.002	0.05	0.07	0.05	0.02	0.01	0.002	0.01	0.01
D831666		1.65	12.35	0.01	9.54	0.005	0.01	0.233	8.39	12.00	0.34	8.44	0.17	0.063	<0.01	0.95
D831667		1.44	11.85	<0.01	8.33	0.002	0.01	1.055	10.65	15.25	0.35	5.84	0.14	0.026	<0.01	1.16
D831668		1.44	13.10	0.06	8.73	0.008	0.03	0.293	7.53	10.75	1.08	7.91	0.14	0.085	<0.01	0.51
D831669		1.15	14.05	<0.01	0.42	0.003	0.02	0.015	5.88	8.40	2.25	6.69	0.08	0.008	<0.01	0.03



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**CERTIFICATE OF ANALYSIS SD21304764**

Sample Description	Method Analyte Units LOD	ME-ICP81	ME-ICP81	ME-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	PUL-QC	CRU-QC
		SiO2 %	TiO2 %	Zn %	Au ppm	Pt ppm	Pd ppm	Ag ppm	Pass75um %	Pass2mm %
		0.2	0.02	0.002	0.001	0.005	0.001	0.2	0.01	0.01
D831666		48.3	0.47	0.006	0.026	0.006	0.006	0.9	93.7	79.3
D831667		46.8	0.49	0.010	0.086	0.024	0.020	5.5	92.6	
D831668		47.9	0.42	0.006	0.294	0.128	0.186	2.0		
D831669		58.6	0.56	0.005	0.004	0.009	0.012	<0.2		



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**CERTIFICATE OF ANALYSIS SD21304764**

	<b>CERTIFICATE COMMENTS</b>								
	<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 style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td>PUL-31</td> </tr> </table>	CRU-31	CRU-QC	LOG-21		PUL-QC	SPL-21	WEI-21	PUL-31
CRU-31	CRU-QC	LOG-21							
PUL-QC	SPL-21	WEI-21	PUL-31						
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA45</td> <td style="width: 33%;">ME-ICP81</td> <td style="width: 33%;">PGM-ICP23</td> <td style="width: 15%;"></td> </tr> </table>	Ag-AA45	ME-ICP81	PGM-ICP23					
Ag-AA45	ME-ICP81	PGM-ICP23							

Appendix 13. Soil sample coordinates and descriptions

MMI ID	SGH ID	Date	Sampler	Easting	Northing	MMI depth	SGH depth	MMI hrzn	SGH hrzn	Moisture	Grain size	MMI colour	SGH colour
D831701	D831702	19-Oct-21	Rachel C	547566	5171415	20	20	B	B	Moist	Silt	Orange	Orange
D831703	D831704	19-Oct-21	Rachel C	547505	5171432	20	20	B	B	Moist	Silt	Orange	Orange
D831705	D831706	19-Oct-21	Rachel C	547458	5171453	20	20	B	B	Moist	Clay/Silt	Orange	Orange
D831707	D831708	19-Oct-21	Rachel C	547414	5171470	20	20	B	B	Moist	Silt	Orange	Orange
D831709	D831710	19-Oct-21	Rachel C	547371	5171491	15	15	B	B	Moist	Silt	Orange	Orange
D831711	D831712	19-Oct-21	Rachel C	547343	5171504	15	15	B	B	Moist	Silt	Orange	Orange
D831713	D831714	19-Oct-21	Rachel C	547283	5171513	25	25	B	B	Moist	Silt	Orange	Orange
D831715	D831716	19-Oct-21	Rachel C	547244	5171547	20	20	B	B	Moist	Silt	Orange	Orange
D831717	D831718	19-Oct-21	Rachel C	547197	5171567	20	20	B	B	Moist	Silt	Orange	Orange
D831719	D831720	19-Oct-21	Rachel C	547157	5171584	20	20	B	B	Moist	Silt	Orange	Orange
D831721	D831722	19-Oct-21	Rachel C	547157	5171584	20	20	B	B	Moist	Silt	Orange	Orange
D831723	D831724	19-Oct-21	Rachel C	547112	5171607	20	20	B	B	Moist	Silt	Orange	Orange
D831725	D831726	19-Oct-21	Rachel C	547059	5171620	30	30	B	B	Moist	Silt	Dk orange	Dk orange
D831727	D831728	19-Oct-21	Rachel C	546995	5171545	20	20	B	B	Wet	Silt	Orange	Orange
D831729	D831730	19-Oct-21	Rachel C	547055	5171521	15	15	B	B	Moist	Silt	Orange	Orange
D831731	D831732	19-Oct-21	Rachel C	547097	5171503	15	15	B	B	Moist	Silt	Orange	Orange
D831733	D831734	19-Oct-21	Rachel C	547147	5171478	20	20	B	B	Moist	Silt	Orange	Orange
D831735	D831736	19-Oct-21	Rachel C	547194	5171461	20	20	B	B	Moist	Silt	Orange	Orange
D831737	D831738	19-Oct-21	Rachel C	547241	5171441	30	30	B	B	Moist	Silt	Orange	Orange
D831739	D831740	19-Oct-21	Rachel C	547276	5171420	25	25	B	B	Moist	Silt	Orange	Orange
D831741	D831742	19-Oct-21	Rachel C	547276	5171420	25	25	B	B	Moist	Silt	Orange	Orange
D831743	D831744	19-Oct-21	Rachel C	547325	5171404	20	20	B	B	Moist	Silt	Orange	Orange
D831745	D831746	20-Oct-21	Rachel C	547372	5171383	25	25	B	B	Moist	Silt	Orange	Orange
D831747	D831748	20-Oct-21	Rachel C	547407	5171368	30	30	B	B	Moist	Silt	Orange	Orange
D831749	D832750	20-Oct-21	Rachel C	547461	5171346	20	20	B	B	Moist	Clay/Silt	Orng-beige	Orng-beige
D831751	D831752	20-Oct-21	Rachel C	547508	5171325	25	25	B	B	Moist	Silt	Orange	Orange
D831753	D831754	20-Oct-21	Rachel C	547472	5171231	25	25	B	B	Moist	Silt	Orange	Orange
D831755	D831756	20-Oct-21	Rachel C	547426	5171252	20	20	B	B	Moist	Silt	Orange	Orange

Appendix 13. Soil sample coordinates and descriptions

MMI ID	SGH ID	Slope	Terrain	Disturbed	Comments
D831701	D831702	Mild	Hummocky	FALSE	Ah 10 cm. Both sampled 10-20 cm below Ah. Some pebbles. Mixed birch poplar balsam fir and black spruce.
D831703	D831704	Mild	Hummocky	FALSE	Ah and Ae about 10 cm. Both sampled from 10-20 below Ae. Few pebbles. Jackpine spruce and birch. Shallow bedrock.
D831705	D831706	Flat	Hummocky	FALSE	Rocky hole. Ah and Ae about 10 cm. Both sampled from 10-20 below Ae. Mixed black spruce birch and jackpine. Mostly silt with minor clay. Shallow bedrock.
D831707	D831708	Flat	Hummocky	FALSE	No rocks. Ah with charcoal and Ae about 10 cm. Both sampled 10-20 cm below Ae. Near swamp. Jackpine and black spruce.
D831709	D831710	Flat	Hummocky	FALSE	Ah 5 cm. Both sampled 10-20 cm below Ah. Black spruce and jackpine. Bedrock at 35 cm.
D831711	D831712	Mild	Hummocky	FALSE	Near Trench 4. Good soil profile. Ah and Ae 5 cm. Both sampled 10-20 cm below Ae. Black spruce and jackpine.
D831713	D831714	Flat	Low	FALSE	Next to road and Trench 4. Very rocky but well-developed soil profile. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Black spruce and jackpine.
D831715	D831716	Flat	Hummocky	FALSE	Ah and weak Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce. Bedrock at 35 cm.
D831717	D831718	Flat	Flat	FALSE	Ah and good Ae 10 cm. Both sampled 10-20 cm below Ae. Poplar stand.
D831719	D831720	Flat	Flat	FALSE	Moderately rocky hole. A few pebbles. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Poplar black spruce and white pine.
D831721	D831722	Flat	Flat	FALSE	Field duplicates of D831719 and D831720.
D831723	D831724	Flat	Flat	FALSE	Rocky hole. Very minor sand content. Ah and weak Ae 10 cm. Both sampled 10-20 cm below Ae. White pine and black spruce.
D831725	D831726	Flat	Flat	FALSE	Ah 10 cm Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce. Some rocks.
D831727	D831728	Flat	Low	FALSE	Base of bedrock cliff. Water table encountered at depth. Wetter sample. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D831729	D831730	Moderate	Hummocky	FALSE	Moderate cobbles. Ah and Ae 5 cm. Both sampled 10-20 cm below Ae. Poplar black spruce and white pine.
D831731	D831732	Flat	Flat	FALSE	Some cobbles. Ah and Ae 5 cm. Both sampled 10-20 cm below Ae. Poplar stand.
D831733	D831734	Flat	Flat	FALSE	Zero rocks or pebbles. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Jackpine and poplar.
D831735	D831736	Flat	Flat	FALSE	Some cobbles. Near scarified land. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Poplar black spruce and jackpine.
D831737	D831738	Flat	Flat	FALSE	Near road. Some cobbles - some rusty. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Poplar jackpine and black spruce. Upper B horizon mottled with rust.
D831739	D831740	Moderate	Slope	FALSE	Charcoal in B horizon avoided. Some larger cobbles. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Black spruce and jackpine.
D831741	D831742	Moderate	Slope	FALSE	Field duplicates of D831739 and D831740.
D831743	D831744	Moderate	Slope	FALSE	Minor cobbles. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce.
D831745	D831746	Steep	Slope	FALSE	Some gravel likely weathered bedrock. Ah 20 cm. Both sampled 10-20 cm below Ah. Black spruce.
D831747	D831748	Mild	Low	FALSE	Next to small bog. Some cobbles. Ah 20 cm. Both sampled 10-20 cm below Ah. Black spruce.
D831749	D832750	Flat	Flat	FALSE	More clay content and moisture. Water table encountered at depth. Ah 10 cm. Both sampled 10-20 cm below Ah. Black spruce.
D831751	D831752	Mild	Hummocky	FALSE	Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Black spruce jackpine and birch.
D831753	D831754	Mild	Hummocky	FALSE	Boulders. Ah and slight Ae 15 cm. Both sampled 10-20 cm below Ae. Black spruce and jackpine.
D831755	D831756	Moderate	Low	FALSE	Next to small bog. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce.



Appendix 13. Soil sample coordinates and descriptions

MMI ID	SGH ID	Date	Sampler	Easting	Northing	MMI depth	SGH depth	MMI hrzn	SGH hrzn	Moisture	Grain size	MMI colour	SGH colour
D831757	D831758	20-Oct-21	Rachel C	547377	5171274	20	20	B	B	Moist	Silt	Orange	Orange
D831759	D831760	20-Oct-21	Rachel C	547331	5171293	20	20	B	B	Moist	Silt	Orange	Orange
D831761	D831762	20-Oct-21	Rachel C	547331	5171293	20	20	B	B	Moist	Silt	Orange	Orange
D831763	D831764	20-Oct-21	Rachel C	547282	5171312	25	25	B	B	Moist	Silt	Orange	Orange
D831765	D831766	20-Oct-21	Rachel C	547241	5171334	25	25	B	B	Moist	Silt	Orange	Orange
D831767	D831768	20-Oct-21	Rachel C	547179	5171346	20	20	B	B	Moist	Silt	Orang-brwn	Orang-brwn
D831769	D831770	20-Oct-21	Rachel C	547148	5171372	25	25	B	B	Moist	Silt	Orange	Orange
D832771	D831772	20-Oct-21	Rachel C	547110	5171399	30	30	B	B	Moist	Silt	Orange	Orange
D831773	D831774	20-Oct-21	Rachel C	547055	5171413	20	20	B	B	Moist	Silt	Orange	Orange
D831775	D831776	20-Oct-21	Rachel C	547007	5171432	20	20	B	B	Moist	Silt	Orange	Orange
D831777	D831778	20-Oct-21	Rachel C	546967	5171446	25	25	B	B	Moist	Silt	Orange	Orange
D831779	D831780	20-Oct-21	Rachel C	546932	5171354	20	20	B	B	Moist	Silt	Orange	Orange
D831781	D831782	20-Oct-21	Rachel C	546932	5171354	20	20	B	B	Moist	Silt	Orange	Orange
D831783	D831784	20-Oct-21	Rachel C	546979	5171336	25	25	B	B	Moist	Silt	Orange	Orange
D831785	D831786	20-Oct-21	Rachel C	547022	5171317	30	30	B	B	Moist	Silt	Dk orange	Dk orange
D831787	D831788	20-Oct-21	Rachel C	547066	5171300	30	30	B	B	Moist	Silt	Orange	Orange
D831789	D831790	20-Oct-21	Rachel C	547110	5171282	30	30	B	B	Moist	Silt	Orange	Orange
D831791	D831792	20-Oct-21	Rachel C	547158	5171259	30	30	B	B	Moist	Silt	Orange	Orange
D831793	D831794	20-Oct-21	Rachel C	547206	5171241	30	30	B	B	Moist	Silt	Orange	Orange
D831795	D831796	20-Oct-21	Rachel C	547245	5171221	20	20	B	B	Moist	Clay/Silt	Orange	Orange
D831797	D831798	22-Oct-21	Rachel C	547291	5171208	40	40	B	B	Moist	Silt	Orang-beig	Orang-beig
D831799	D831800	22-Oct-21	Rachel C	547342	5171178	30	30	B	B	Moist	Silt	Orange	Orange
D831801	D831802	22-Oct-21	Rachel C	547342	5171178	30	30	B	B	Moist	Silt	Orange	Orange
D831803	D831804	22-Oct-21	Rachel C	547384	5171160	25	25	B	B	Moist	Silt	Orange	Orange
D831805	D831806	22-Oct-21	Rachel C	547429	5171143	25	25	B	B	Moist	Clay/Silt	Orang-beig	Orang-beig
D831807	D831808	22-Oct-21	Rachel C	547394	5171047	20	20	B	B	Wet	Clay/Silt	Orang-beig	Orang-beig
D831809	D831810	22-Oct-21	Rachel C	547351	5171066	20	20	B	B	Moist	Silt	Dk orange	Dk orange
D831811	D832812	22-Oct-21	Rachel C	547299	5171088	20	20	B	B	Moist	Silt	Orange	Orange
D831813	D831814	22-Oct-21	Rachel C	547255	5171108	20	20	B	B	Moist	Silt	Orange	Orange
D831815	D831816	22-Oct-21	Rachel C	547206	5171129	30	30	B	B	Moist	Silt	Orange	Orange

Appendix 13. Soil sample coordinates and descriptions

MMI ID	SGH ID	Slope	Terrain	Disturbed	Comments
D831757	D831758	Moderate	Low	FALSE	Other side of small bog. Bottom of slope. Very orange soil! Some gravel. Ah 10 cm. Both sampled 10-20 cm below Ah. Black spruce.
D831759	D831760	Flat	Hummocky	FALSE	Some cobbles. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Planted jackpine stand.
D831761	D831762	Flat	Hummocky	FALSE	Field duplicates of D831759 and D831760.
D831763	D831764	Mild	Hummocky	FALSE	Some cobbles. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Planted jackpine stand. Area of past drilling but profile looks undisturbed.
D831765	D831766	Steep	High	FALSE	Right above Trench 1. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Jackpine birch and black spruce.
D831767	D831768	Flat	Flat	FALSE	Next to Trench 1 and road. Profile looks okay though. Some cobbles. 10 cm Ah and weak Ae. More clay content. Less orange B horizon but clear change from B to C. Both sampled 10-20 cm below Ae. Planted jackpine.
D831769	D831770	Flat	Flat	FALSE	Roots and rocks. Ah and good Ae 15 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D832771	D831772	Moderate	Hummocky	FALSE	Near base of gabbro ridge. Cobbles and boulders. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Black spruce and birch.
D831773	D831774	Moderate	Hummocky	FALSE	Some cobbles. Ah 10 cm. Both sampled 10-20 cm below Ah. Birch and black spruce.
D831775	D831776	Mild	Hummocky	FALSE	Minor cobbles. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce and birch. Bedrock at 35 cm.
D831777	D831778	Mild	Hummocky	FALSE	Boulders. Ah and weak Ae 15 cm. Both sampled 10-20 cm below Ae. Black spruce and jackpine.
D831779	D831780	Mild	Hummocky	FALSE	Ah 10 cm. Both sampled 10-20 cm below Ah. Jackpine and black spruce.
D831781	D831782	Mild	Hummocky	FALSE	Field duplicates of D831779 and D831780.
D831783	D831784	Flat	Hummocky	FALSE	Rocky hole. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D831785	D831786	Moderate	Hummocky	FALSE	Boulders. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D831787	D831788	Moderate	Slope	FALSE	Rocky hole. Near bedrock. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D831789	D831790	Flat	Hummocky	FALSE	Very bouldery. Ah and good Ae 20 cm. Both sampled 10-20 cm below Ae. Planted jackpine stand.
D831791	D831792	Mild	Hummocky	FALSE	Gravelly. Ah 20 cm. Both sampled 10-20 cm below Ah. Planted jackpine stand.
D831793	D831794	Mild	Hummocky	FALSE	Some cobbles. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. B horizon slightly mottled. Jackpine and black spruce.
D831795	D831796	Flat	Hummocky	FALSE	No rocks at all. More clay but silt dominant. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Poplar and black spruce.
D831797	D831798	Flat	Low	TRUE	Next to road and swamp. Potentially disturbed. Cobbles and boulders. Ah 30 cm. Both sampled 10-20 cm below Ah. White pine black spruce and birch.
D831799	D831800	Flat	Low	FALSE	Next to swamp. Rocky. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D831801	D831802	Flat	Low	FALSE	Field duplicates of D831799 and D831800.
D831803	D831804	Mild	Hummocky	FALSE	Pebbles. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Black spruce and birch.
D831805	D831806	Mild	Hummocky	FALSE	More clay content than others but mostly silt. Ah 15 cm. Both sampled 10-20 cm below Ah. Black spruce and birch.
D831807	D831808	Mild	Low	FALSE	Wet. Water table encountered. Some cobbles. Ah 10 cm. Both sampled 10-20 cm below Ah. Poplar stand with black spruce.
D831809	D831810	Moderate	Hummocky	FALSE	Roots and rocks. Pebbly B horizon. Ah 10 cm. Both sampled 10-20 cm below Ah. White pine and poplar.
D831811	D832812	Mild	Hummocky	FALSE	Cobbles. Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce and birch.
D831813	D831814	Mild	Hummocky	FALSE	Cleared area but nice profile. No rocks. Ah and weak Ae 10 cm. Both sampled 10-20 cm below Ae. Black spruce adjacent.
D831815	D831816	Mild	Hummocky	FALSE	Some cobbles. Ah and Ae 20 cm. Both sampled 10-20 cm below Ae. Jackpine white pine and birch.

Appendix 13. Soil sample coordinates and descriptions

MMI ID	SGH ID	Date	Sampler	Easting	Northing	MMI depth	SGH depth	MMI hrzn	SGH hrzn	Moisture	Grain size	MMI colour	SGH colour
D831817	D831818	22-Oct-21	Rachel C	547153	5171149	25	25	B	B	Moist	Silt	Orng-brn	Orng-brn
D831819	D831820	22-Oct-21	Rachel C	547127	5171166	25	25	B	B	Moist	Silt	Orange	Orange
D831821	D831822	22-Oct-21	Rachel C	547127	5171166	25	25	B	B	Moist	Silt	Orange	Orange
D831823	D831824	22-Oct-21	Rachel C	547070	5171189	20	20	B	B	Moist	Silt	Orange	Orange
D831825	D831826	22-Oct-21	Rachel C	547023	5171207	15	15	B	B	Moist	Silt	Orange	Orange
D831827	D831828	22-Oct-21	Rachel C	546976	5171224	20	20	B	B	Moist	Silt	Orang-brwn	Orang-brwn
D831829	D831830	22-Oct-21	Rachel C	546936	5171245	20	20	B	B	Moist	Silt	Orang-beig	Orang-beig
D831831	D831832	22-Oct-21	Rachel C	546895	5171274	30	30	BC	BC	Moist	Clay/Silt	Beige	Beige

Appendix 13. Soil sample coordinates and descriptions

MMI ID	SGH ID	Slope	Terrain	Disturbed	Comments
D831817	D831818	Moderate	Hummocky	FALSE	Next to road. Scraped off bedrock. Ah 15 cm. Both sampled 10-20 cm below Ah. Roots. White pine and jackpine.
D831819	D831820	Moderate	Slope	FALSE	Side of bedrock slope. Rest of area disturbed or too close to bedrock. Overburden trench nearby. Good profile. Ah and Ae 15 cm. Both sampled 10-20 cm below Ae. Jackpine.
D831821	D831822	Moderate	Slope	FALSE	Field duplicates of D831819 and D831820.
D831823	D831824	Mild	Hummocky	FALSE	Ah and Ae 10 cm. Both sampled 10-20 cm below Ae. White pine and black spruce.
D831825	D831826	Mild	Hummocky	FALSE	Ah and Ae 5 cm. Both sampled 10-20 cm below Ae. Jackpine and black spruce.
D831827	D831828	Mild	Hummocky	FALSE	Some rocks. Ah 10 cm. Both sampled 10-20 cm below Ah. Planted jackpine stand next to cleared area probably old slash pile.
D831829	D831830	Flat	Low	FALSE	Ah 10 cm. B horizon only about 10 cm of good oxidization. Both sampled 10-20 cm below Ah. Planted jackpine stand.
D831831	D831832	Flat	Low	FALSE	Swampland. Ah 20 cm. Both sampled 10-20 cm below Ah. Clay/silt swampy beige colour with no rocks. Not too wet. Black spruce and larch.

## Joint MMI and SGH soil sampling procedure

### Equipment List

- Shovel (paint-free)
- Plastic trowel
- Scrub brush or paper towels
- Ziploc bags (medium freezer bag)
- Measuring tape
- Sample tag booklets
- Flagging tape
- Permanent marker
- Tablet with camera

### Procedure

1. Locate planned sample site and clear loose organics from an approximate 60 cm by 60 cm patch.
2. Dig a pit about 30 cm in diameter down to about 50 cm below surface.
3. Identify the soil horizons. The upper B horizon is the target for SGH sampling. The MMI sampling does not target a specific horizon but targets 10-20 cm below the organic-mineral soil interface.
4. Clean the sampling trowel with a brush or paper towel, then scrub with upper B horizon material from the current sampling hole.
5. Excavate material from whichever level is higher; the upper B horizon or the 10-20 cm level below organics (in most cases, these will be the same level so you will take material from the same level for both samples). Remember that whether you sample MMI or SGH first, the sample tag number will always be odd for MMI and even for SGH.
6. Collect 300 g of material for the MMI sample into a Ziploc bag labelled with the sample ID. Carefully pick out any pebbles by hand (alternatively a plastic garden sieve or colander can be used to sieve dry material only). Do not put sample tag into the Ziploc bag.
7. Collect a fist-sized amount of material for the SGH sample into a Ziploc bag labelled with the sample ID. Carefully pick out any pebbles by hand. Do not put sample tag into the Ziploc bag.
8. Record in QField the following data (fields will be pre-coded with picklists, etc.):
  - a. MMI ID
  - b. SGH ID
  - c. Date and time
  - d. Sampler
  - e. Easting
  - f. Northing

## Appendix 14. Soil sampling methodology

- g. MMI depth
  - h. SGH depth
  - i. MMI horizon
  - j. SGH horizon
  - k. Moisture
  - l. Grain size
  - m. MMI colour
  - n. SGH colour
  - o. Slope
  - p. Terrain
  - q. Disturbance
  - r. Comments
9. Take a representative photo of the soil hole with an assistant holding a measuring tape down the side of the hole.
  10. Write the sample IDs on a piece of pink flagging tape and tie in tree above sample hole.
  11. Field duplicates are to be taken every 20 samples for both MMI and SGH.

### \*Considerations\*

- Samplers must not wear any jewelry
- Samplers must not use any chemicals such as bug spray, sunscreen, hand lotion, etc. that may contaminate the sample
- Nitrile gloves may be worn if preferred
- Any sample is better than no sample, so if the upper B horizon isn't present for SGH, just sample the same horizon you sample for MMI

## **Appendix 15. Soil MMI assay certificate**



**ANALYSIS REPORT BBM21-14058**

To COD SGS MINERALS - GEOCHEM VANCOUVER  
SPC NICKEL CORP – RACHEL CHOUINARD  
SGS CANADA INC  
WEST WING 5825 EXPLORER DRIVE  
MISSISSAUGA L4W 5P6  
ON  
CANADA

Order Number	SPC NICKEL CORP	Date Received	29-Oct-2021
Project	SPC NICKEL CORP	Date Analysed	08-Nov-2021 - 23-Dec-2021
Submission Number	*BBY* SPC NICKEL CORP/ Janes	Date Completed	23-Dec-2021
Property/ 66 Soils		SGS Order Number	BBM21-14058
Number of Samples	66		

<b>Methods Summary</b>		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
66	G_WGH_KG	Weight of samples received
66	GE_DIGMMI	Mobile Metal ION analyses
66	GE_MMIMP	Mobile Metal ION, precious metals package, ICP-MS

Authorised Signatory

**John Chiang**  
**Laboratory Operations Manager**

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**WARNING:** The sample(s) to which the findings recorded herein (the “Findings”) relate was(were) drawn and / or provided by the Client or by a third party acting at the Client’s direction. The Findings constitute no warranty of the sample’s representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

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





Order Number SPC NICKEL CORP  
 Project SPC NICKEL CORP  
 Submission Number \*BBY\* SPC NICKEL CORP/ Janes  
 Property/ 66 Soils  
 Number of Samples 66

**ANALYSIS REPORT BBM21-14058**

Element	WTKG	Ag	Au	Pt	Pd	Cd
Method	G_WGH_KG	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	0.01	0.1	0.05	0.02	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831701	0.35	17.1	0.13	<0.02	<0.2	18
D831703	0.52	2.2	0.51	<0.02	<0.2	5
D831705	0.52	4.0	0.27	<0.02	<0.2	5
D831707	0.52	3.8	0.29	<0.02	<0.2	4
D831709	0.49	2.7	0.11	<0.02	<0.2	9
D831711	0.51	5.3	0.40	<0.02	<0.2	9
D831713	0.56	24.7	0.14	<0.02	0.4	25
D831715	0.58	4.9	0.54	<0.02	<0.2	14
D831717	0.52	15.3	0.16	<0.02	<0.2	34
D831719	0.47	20.5	0.21	<0.02	<0.2	23
D831721	0.55	24.5	0.27	0.02	<0.2	27
D831723	0.53	12.2	0.15	<0.02	<0.2	14
D831725	0.54	3.3	0.12	<0.02	<0.2	10
D831727	0.67	1.7	0.11	<0.02	<0.2	7
D831729	0.65	3.4	0.20	<0.02	<0.2	19
D831731	0.69	19.6	0.16	<0.02	<0.2	12
D831733	0.79	19.1	0.11	<0.02	<0.2	20
D831735	0.74	26.9	0.10	<0.02	0.2	9
D831737	0.64	19.5	0.18	<0.02	<0.2	34
D831739	0.63	0.9	0.16	<0.02	0.2	16
D831741	0.61	1.5	0.15	<0.02	<0.2	14
D831743	0.62	21.2	0.30	<0.02	0.6	10
D831745	0.48	1.9	0.30	<0.02	0.2	7
D831747	0.59	1.6	0.20	<0.02	<0.2	9
D831749	0.62	1.5	0.32	<0.02	<0.2	2
D831751	0.55	2.3	0.12	<0.02	<0.2	7
D831753	0.62	2.9	0.11	<0.02	<0.2	12
D831755	0.63	1.1	0.21	<0.02	<0.2	9
D831757	0.59	2.3	0.14	<0.02	<0.2	7

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



Order Number SPC NICKEL CORP  
 Project SPC NICKEL CORP  
 Submission Number \*BBY\* SPC NICKEL CORP/ Janes  
 Property/ 66 Soils  
 Number of Samples 66

## ANALYSIS REPORT BBM21-14058

Element	WTKG	Ag	Au	Pt	Pd	Cd
Method	G_WGH_KG	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	0.01	0.1	0.05	0.02	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831759	0.64	2.5	0.16	<0.02	<0.2	8
D831761	0.57	2.2	0.20	0.02	<0.2	11
D831763	0.65	15.7	0.15	0.04	0.4	11
D831765	0.60	1.5	0.13	0.02	<0.2	10
D831767	0.66	12.1	0.19	<0.02	<0.2	8
D831769	0.59	13.6	0.12	<0.02	<0.2	27
D831771	0.60	23.4	0.08	<0.02	<0.2	33
D831773	0.74	4.0	0.24	<0.02	<0.2	13
D831775	0.71	2.5	0.10	<0.02	<0.2	10
D831777	0.59	4.1	0.18	<0.02	<0.2	9
D831779	0.65	8.2	0.24	<0.02	<0.2	6
D831781	0.60	9.7	0.13	<0.02	<0.2	8
D831783	0.66	6.3	0.08	<0.02	<0.2	14
D831785	0.60	4.7	0.11	0.04	<0.2	38
D831787	0.58	1.4	0.07	<0.02	<0.2	9
D831789	0.64	3.5	0.09	<0.02	<0.2	9
D831791	0.67	4.2	0.22	0.03	<0.2	10
D831793	0.65	6.7	0.22	<0.02	<0.2	17
D831795	0.73	13.3	0.10	<0.02	<0.2	8
D831797	0.44	0.9	0.17	0.03	<0.2	8
D831799	0.75	12.5	0.19	<0.02	<0.2	4
D831801	0.65	14.4	0.26	<0.02	<0.2	4
D831803	0.72	3.9	0.27	0.02	<0.2	11
D831805	0.71	5.3	0.19	0.03	<0.2	8
D831807	0.84	3.6	0.09	<0.02	<0.2	6
D831809	0.63	10.5	0.17	<0.02	<0.2	20
D831811	0.58	5.8	0.07	<0.02	<0.2	16
D831813	0.61	5.3	0.07	<0.02	<0.2	14
D831815	0.49	2.0	0.10	0.02	<0.2	5

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



Order Number SPC NICKEL CORP  
 Project SPC NICKEL CORP  
 Submission Number \*BBY\* SPC NICKEL CORP/ Janes  
 Property/ 66 Soils  
 Number of Samples 66

**ANALYSIS REPORT BBM21-14058**

Element	WTKG	Ag	Au	Pt	Pd	Cd
Method	G_WGH_KG	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	0.01	0.1	0.05	0.02	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831817	0.70	3.4	0.07	<0.02	<0.2	8
D831819	0.67	3.0	0.17	0.03	0.3	11
D831821	0.71	3.0	0.11	<0.02	0.3	12
D831823	0.64	13.2	0.08	<0.02	<0.2	18
D831825	0.71	6.9	0.12	<0.02	<0.2	6
D831827	0.68	14.9	0.18	0.03	<0.2	23
D831829	0.76	7.2	0.17	0.05	<0.2	14
D831831	0.86	7.6	0.41	<0.02	<0.2	13
*Rep D831829	-	4.7	0.19	0.02	<0.2	12
*Blk BLANK	-	<0.1	<0.05	<0.02	<0.2	<1
*Std MMISRM22	-	353	10.6	8.42	25.8	12
*Std MMISRM22	-	340	10.7	8.78	26.1	13
*Rep D831707	-	5.3	0.20	<0.02	<0.2	5
*Rep D831741	-	1.7	0.15	<0.02	<0.2	14
*Blk BLANK	-	<0.1	<0.05	<0.02	<0.2	<1
*Rep D831785	-	5.1	0.09	0.02	<0.2	35

Element	Co	Cu	Ni	Pb	U	Zn
Method	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	1	10	5	5	0.5	10
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831701	103	1650	1100	351	12.8	730
D831703	50	2660	199	300	8.5	90
D831705	57	1270	296	208	12.4	200
D831707	11	400	123	218	3.4	110
D831709	79	1080	265	366	18.5	170
D831711	19	1070	167	235	9.3	200

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



Order Number SPC NICKEL CORP  
 Project SPC NICKEL CORP  
 Submission Number \*BBY\* SPC NICKEL CORP/ Janes  
 Property/ 66 Soils  
 Number of Samples 66

## ANALYSIS REPORT BBM21-14058

Element	Co	Cu	Ni	Pb	U	Zn
Method	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	1	10	5	5	0.5	10
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831713	118	3190	1950	452	12.0	560
D831715	54	1790	566	263	14.0	390
D831717	68	2530	2870	264	6.5	580
D831719	94	1190	1570	452	15.7	690
D831721	135	1830	1420	394	13.7	820
D831723	154	490	543	180	7.1	990
D831725	39	2210	509	271	14.7	290
D831727	52	1210	233	236	11.9	350
D831729	121	1620	615	200	9.3	910
D831731	113	590	633	247	11.2	190
D831733	89	710	760	265	6.9	500
D831735	131	1760	2420	450	25.5	340
D831737	201	1680	1500	497	14.0	590
D831739	19	2300	371	337	7.1	110
D831741	13	800	359	217	2.4	80
D831743	60	4320	504	604	6.3	200
D831745	16	2350	311	366	5.8	90
D831747	62	2040	525	354	14.4	360
D831749	48	2690	344	241	11.9	160
D831751	46	1320	458	213	6.1	150
D831753	34	2060	556	579	6.8	290
D831755	39	3570	500	474	9.7	130
D831757	29	3020	508	296	9.4	150
D831759	11	1290	337	149	6.3	60
D831761	30	1660	550	308	8.0	90
D831763	159	5450	2780	519	9.3	130
D831765	30	1190	752	201	9.4	100
D831767	89	2090	1040	542	14.6	990
D831769	170	1490	1680	169	7.5	320

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



Order Number SPC NICKEL CORP  
 Project SPC NICKEL CORP  
 Submission Number \*BBY\* SPC NICKEL CORP/ Janes  
 Property/ 66 Soils  
 Number of Samples 66

## ANALYSIS REPORT BBM21-14058

Element	Co	Cu	Ni	Pb	U	Zn
Method	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	1	10	5	5	0.5	10
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831771	153	1290	1830	174	7.8	1260
D831773	50	1390	578	170	11.6	340
D831775	33	830	275	202	10.8	100
D831777	52	750	428	277	9.7	210
D831779	54	1520	279	251	11.0	310
D831781	55	1470	486	295	11.1	270
D831783	30	2150	981	302	6.6	180
D831785	122	3230	1250	287	6.4	540
D831787	15	1320	252	245	10.0	120
D831789	97	520	587	653	10.2	390
D831791	59	1440	474	343	7.0	90
D831793	167	2210	897	237	21.7	1090
D831795	37	260	342	267	5.1	200
D831797	131	2140	582	305	17.6	600
D831799	100	1870	281	201	20.2	160
D831801	66	1700	233	292	17.6	180
D831803	79	1450	304	158	24.7	180
D831805	46	2710	350	385	14.2	240
D831807	546	4050	832	284	27.8	430
D831809	127	2360	1270	341	15.1	930
D831811	40	1440	558	433	7.1	350
D831813	23	1210	535	169	8.8	150
D831815	133	1810	853	636	14.5	190
D831817	41	3130	879	110	8.0	210
D831819	29	2100	461	305	9.1	130
D831821	33	1780	505	316	7.7	160
D831823	113	640	610	224	5.9	460
D831825	47	520	249	227	5.3	270
D831827	209	1550	967	281	10.4	940

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



Order Number SPC NICKEL CORP  
 Project SPC NICKEL CORP  
 Submission Number \*BBY\* SPC NICKEL CORP/ Janes  
 Property/ 66 Soils  
 Number of Samples 66

**ANALYSIS REPORT BBM21-14058**

Element	Co	Cu	Ni	Pb	U	Zn
Method	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP	GE_MMIMP
Lower Limit	1	10	5	5	0.5	10
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
D831829	87	6430	1550	373	13.2	420
D831831	73	5890	529	27	7.3	<10
*Rep D831829	91	5910	1520	336	13.6	370
*Blk BLANK	<1	<10	<5	<5	<0.5	<10
*Std MMISRM22	63	1490	447	2050	11.6	1570
*Std MMISRM22	85	1670	659	3020	14.0	1670
*Rep D831707	17	660	184	281	4.6	130
*Rep D831741	11	900	325	225	2.4	70
*Blk BLANK	<1	20	<5	<5	<0.5	<10
*Rep D831785	125	3210	1290	315	6.8	510

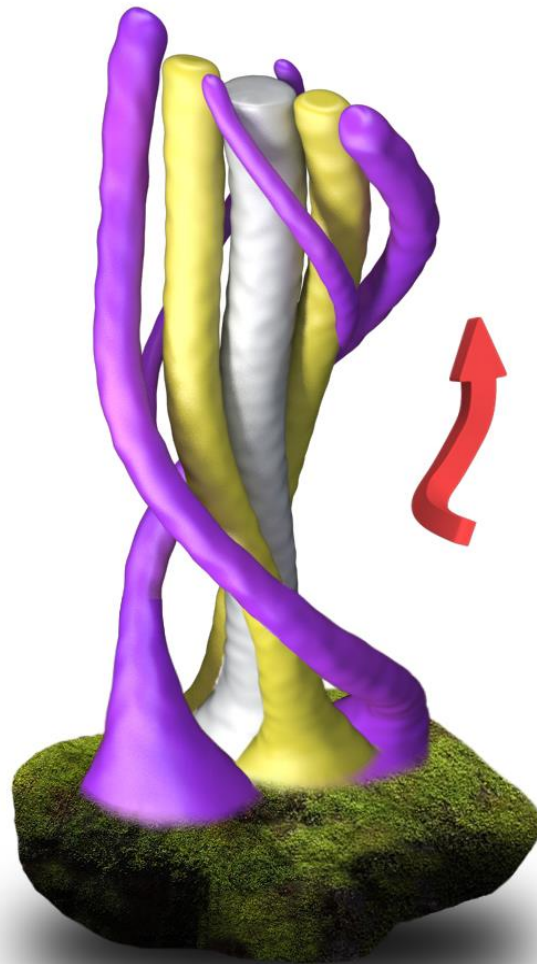
- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

## **Appendix 16. Soil SGH assay certificate**

## 3D - SGH

# "A SPATIOTEMPORAL GEOCHEMICAL HYDROCARBON INTERPRETATION"

## ***SPC NICKEL CORP. JANES PROPERTY SGH PROJECT***







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**SGH – SOIL GAS HYDROCARBON  
Predictive Geochemistry**

*for*

***SPC NICKEL CORP.***

***JANES PROPERTY SGH SURVEY***

*\* Jeff Brown,*

*Activation Laboratories Ltd*

*(\* - author)*

**\*\*Dale Sutherland (\*\* - originator)**

***EVALUATION OF SAMPLE DATA – EXPLORATION FOR:  
"NICKEL" and "COPPER" TARGETS***

***THE SGH NICKEL AND COPPER INTERPRETATION TEMPLATES ARE  
USED FOR THIS REPORT***

***Workorders: A21-20206***



## Executive Summary

It is important to read the Report Preface on the next page as an introduction to the report. For more detail the Overview section on page 8 could also be read.

The customized section for the Janes Property Survey starts on page 15. In the author's opinion, SGH appeared to perform very well in terms of response. The grid shape of this survey was beneficial in identifying the possible presence of mineralization in what appears to be Redox Zone.

Note that some exploration companies submit this report intact to government assessors as proof of work on their claim. Be aware that the SGH data is not attached to this report, it is supplied separately as an Excel spreadsheet. Government assessors will also have to be supplied with this data.

## PREFACE

### THIS "STANDARD" SGH INTERPRETATION REPORT:

The purpose of this Soil Gas Hydrocarbon (SGH) interpretation "Standard Report" is to ensure that clients and other potential reviewers of the results have a good understanding of this organic, deep penetrating geochemistry. As SGH provides such a large data set and is not interpreted in the same way as an inorganic geochemical method, the provision of this interpretation and report enables the user to realize the results in a timely fashion and capitalizes on years of research and development since the inception of SGH in 1996 combined with the knowledge obtained by Activation Laboratories through the interpretation of SGH data from over 1,100 surveys for a wide variety of target types in various lithologies from many geographical locations. Although referenced today as a "nano-technology", the analysis of SGH has not changed since inception. The report is compulsory as it is the only known organic geochemistry that, in spite of the name, uses "non-gaseous" semi-volatile organic compounds interpreted using a forensic signature approach. Many different sample types can be used in the same survey. Interpretation is based solely on SGH data and does not include the consideration from any other geochemistry (inorganic), geology, or geophysics that may exist related to the survey area(s). This report can also provide evidence of project maintenance. To keep the price to a minimum and to provide as short a turnaround time as practically possible, usually only one SGH Pathfinder Class map is illustrated in a "Standard Report" with an applied interpretation although several other SGH Pathfinder Class maps are used and referenced. Definitions of certain terms or phrases used in this report can be found in Appendix A.

The interpretation in this report has used the results from some of the research with SGH in recent years which has focused on the potential that the SGH data is able to further dissect and understand the relationships between the chemical Redox conditions in the overburden the development of an electrochemical cell and its affect in shaping the upward migration of geochemical anomalies. This has resulted in the development by Activation Laboratories of a new enhanced model of the Electrochemical/ Redox Cell theory originated by Govett (1976) that was further developed to the model by Hamilton (2004, 2007). The new enhanced model developed by Sutherland (2011) takes the general anomalies expected by the Hamilton model to a higher level of detail and specificity. This has resulted in a more confident level of interpretation which has been referenced as 3D-SGH or **3D-"Spatiotemporal Geochemical Hydrocarbons (SGH)"**. This model was formally introduced at the International Applied Geochemistry Symposium (IAGS) organized by The Association of Applied Geochemists that took place in Rovaniemi, Finland, in August 2011. This new level of understanding of the expected anomaly types that can be observed with SGH provides a new level of quality control in the interpretation process as the symmetry of SGH anomalies can assure the interpreter which anomalies are as a result of a buried target. With the enhanced 3D-SGH interpretation that was introduced in 2012, we also mark the beginning of the ability to make some statements regarding the possible depth to mineralization for some projects as we dissect the Redox cell relative to the new Electrochemical Cell theory. The cover of this report is an artist's rendering of the pathways of different classes of Spatiotemporal Geochemical Hydrocarbons which migrate through the overburden. This model is used as the new 3D-SGH interpretation approach.

## DISCLAIMER

This "SGH Interpretation Report" has been prepared to assist the user in understanding the development and capabilities of this Organic based Geochemistry. The interpretation of the Soil Gas Hydrocarbon (SGH) data is in reference to a template or group of SGH classes of compounds specific to a type of mineralization or target that is chosen by the client (i.e. the template for petroleum, gold, copper, VMS, uranium, etc.). The various templates of SGH Pathfinder Classes that together define the forensic identification signature for a wide range of commodity target types; Gold, Nickel, VMS, SEDEX, Uranium, Cu-Ni-PGE, IOCG, Base Metal, Polymetallic, and Copper, as well as for Kimberlites, Coal Seam, Wet Gas and Oil Play, have been developed through years of research and have been further refined from review of case studies and orientation studies has proven to be able to also address a wide range of lithologies. Even with 20+ years of development and experience with SGH, Activation Laboratories Ltd. cannot guarantee that the templates used are applicable to every type of target in every type of environment. The interpretation in this report attempts to identify an anomaly that has the best SGH signature in the survey for the type of mineralization or target chosen by the client. However, this interpretation is not exhaustive and there may be additional SGH anomalies that may warrant interest. It should not be viewed due to the generation of this SGH report, that Activation Laboratories Ltd. has the expertise or is in the business of interpreting any other type of geochemical data as a general service. As the author was trained by the originator of the SGH geochemistry, who has researched and developed this exploration tool since 1996, and has produced similar interpretations using SGH data for over 1,000 surveys, he is the best qualified person to prepare this interpretation as assistance to clients wishing to use this SGH geochemistry. Activation Laboratories Ltd. can offer assistance in general suggestions for sampling protocols and in sample grid design; however we accept no responsibility to the appropriateness of the samples taken. Activation Laboratories Ltd. has made every attempt to ensure the accuracy and reliability of the information provided in this report. Activation Laboratories Ltd. or its employees do not accept any responsibility or liability for the accuracy, content, completeness, legality, or reliability of the information or description of processes contained in this report. The information is provided "as is" without a guarantee of any kind in the interpretation or use of the results of the SGH geochemistry. The client or user accepts all risks and responsibility for losses, damages, costs and other consequences resulting directly or indirectly from using any information or material contained in this report or using data from the associated spreadsheet of results.

## Cautionary Note Regarding Assumptions and Forward Looking Statements

The statements and target rating made in the Soil Gas Hydrocarbon (SGH) interpretive report or in other communications may contain or imply certain forward-looking information related to the quality of a target or SGH anomaly.

Statements related to the rating of a target are based on comparison of the SGH signatures derived by Activation Laboratories Ltd. through previous research on known case studies. The rating is not derived from any statistics or other formula. The rating is a subjective value on a scale of 0 to 6 relative to the similarity of the SGH signature reviewed compared to the results of previous scientific research and case studies based on the analysis of surficial samples over known ore bodies. No information on the results from other geochemical methods, geophysics, or geology is usually available as additional information for the interpretation and assignment of a rating value unless otherwise stated. References to the rating should be viewed as forward-looking statements to the extent that it involves a subjective comparison to known SGH case studies. As with other geochemical methods, an implied rating and the associated anticipated target characteristics may be different than that actually encountered if the target is drilled tested or the property developed. Activation Laboratories Ltd. may also make a scientifically based prediction in this interpretive report to an area that might be used as a drill target. Usually the nearest sample is identified as an approximation to a "possible drill target" location. This is based only on SGH results and is to be regarded as a guide based on the current state of this science.

Unless otherwise stated, Activation Laboratories Ltd. has not physically observed the exploration site and has no prior knowledge of any site description or details or previous test results. Actlabs makes general recommendations for sampling and shipping of samples. Unless stated, the laboratory does not witness sampling, does not take into consideration the specific sampling procedures used or factors such as; the season of sampling, sample handling, packaging, or shipping methods. The majority of the time, Activation Laboratories Ltd. has had no input into sampling survey design. Where specified Activation Laboratories Ltd. may not have conducted sample preparation procedures as it may have been conducted at the client's assigned laboratory external to Actlabs. Although Actlabs has attempted to identify important factors that could cause actual actions, events or results to differ scientifically which may impact the associated interpretation and target rating from those described in forward-looking statements, there may be other factors that cause actions, events or results that are not anticipated, estimated or intended. In general, any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance are not statements of historical fact. These "scientifically based educated theories" should be viewed as "forward-looking statements".

Readers of this interpretive report are cautioned not to place undue reliance on forward-looking information. Forward looking statements are made based on scientific beliefs, estimates and opinions on the date the statements are made and for the interpretive report issued. The Company undertakes no obligation to update forward-looking statements or otherwise revise previous reports if these beliefs, estimates and opinions, future scientific developments, other new information, or other circumstances should change that may affect the analytical results, rating, or interpretation. Actlabs nor its employees shall be liable for any claims or damages as a result of this report, any interpretation, omissions in preparation, or in the test conducted. This report is to be reproduced in full, unless approved in writing.

## **SOIL GAS HYDROCARBON (SGH) GEOCHEMISTRY – OVERVIEW**

In the search for gas, oil, minerals and elements, geologists require tools to assess the location and potential quantity of minerals and ores. In the past people looked at the landscape to find the deposit. Similar landscapes indicate similar mineral and metal deposits. This is searching on a macro level, while geochemistry is searching on a micro level. Surficial materials require many minerals and elements, so surficial materials can contain indications of the presence of minerals and elements.

SGH is a deep penetrating geochemistry that involves the analysis of surficial samples from over potential mineral or petroleum targets. The analysis involves the testing for 162 hydrocarbon compounds in the C5-C17 carbon series range applicable to a wide variety of sample types. These hydrocarbons have been shown to be residues from the decomposition of bacteria and microbes that feed on the target commodity as they require inorganic elements to catalyze the reactions necessary to develop hydrocarbons and grow cells in their life cycle. Specific classes of hydrocarbons (SGH) have been successful for delineating mineral targets found at over 950 metres in depth. Samples of various media have been successfully analyzed i.e., soil (any horizon), sand, till, drill core, rock, peat, humus, lake-bottom sediments and even snow. After preparation in the laboratory, the SGH analysis incorporates a very weak leach, essentially aqueous, that only extracts the surficial bound hydrocarbon compounds and those compounds in interstitial spaces around the sample particles. These are the hydrocarbons that have been mobilized from the target depth. SGH is unique and should not be confused with other hydrocarbon tests or traditional analyses that measure C1 (Methane) to C5 (Pentane) or other gases. Thus, in spite of the name, SGH does not analyze for any hydrocarbons that are actually gaseous at room temperature and SGH can also be used to analyze for hydrocarbons in sample types other than soil. SGH is also different from other soil hydrocarbon tests that thermally extracts or desorbs all of the hydrocarbons from the whole soil sample. This test is less specific as it does not separate the hydrocarbons and thus does not identify or measure the responses as precisely. These tests also do not use a forensic approach for identification. In SGH, the hydrocarbons in the sample extract are separated by high resolution capillary column gas chromatography and then detected by mass spectrometry to isolate, confirm, and measure the presence of only the individual hydrocarbons that have been found to be of interest from initial research and development and from performance testing especially from two Canadian Mining Industry Research Organization (CAMIRO) projects (97E04 and 01E02).

Over the past 20+ years of research, Activation Laboratories Ltd. has developed an in-depth understanding of the unique SGH signatures associated with different commodity targets. Using a forensic approach we have developed target signatures or templates for identification, and the understanding of the expected geochromatography that is exhibited by each class of SGH compounds. In 2004 we began to include an SGH interpretation report delivered with the data to enable our clients to realize the complete value and understanding of the SGH results in a short time frame and provide the benefits to them from past research sponsored by Actlabs, CAMIRO, OMET and other industrial sponsors. In 2011, a new model of Electrochemical/Redox Cell theory was proposed and the new 3D-SGH interpretation approach based on this theory was incorporated in 2012 on a routine basis for SGH interpretation reports.

SGH has attracted the attention of a large number of Exploration companies. In the above mentioned initial research projects the sponsors have included (in no order): Western Mining Corporation, BHP-Billiton, Inco, Noranda, Outokumpu, Xstrata, Cameco, Cominco, Rio Algom, Alberta

Geological Survey, Ontario Geological Survey, Manitoba Geological Survey and OMET. Further, beyond this research, Activation Laboratories Ltd. has interpreted the SGH data for over 1,000 targets from clients since January of 2004. In both CAMIRO research projects over known mineralization, client orientation studies, and in exploration projects over unknown targets, SGH has performed exceptionally well. As an example, in the first CAMIRO research project that commenced in 1997 (Project 97E04), there were 10 study areas that were submitted blindly to Actlabs. These study sites were specifically selected since other inorganic geochemical methods were unsuccessful at illustrating anomalies related to the target. Although Actlabs was only provided with the samples and their coordinates, SGH was able to locate the blind mineralization with exceptional accuracy in 9 of the 10 surveys. In 2007, shortly after providing SGH interpretation reports, SGH was credited in helping locate previously unknown mineralization, e.g. Golden Band Resources drilled an SGH anomaly and discovered a significant vein containing "visible" gold. ([www.goldenbandresources.com](http://www.goldenbandresources.com)) SGH has been very successful and mining companies have repeatedly used SGH on several reports. Of those clients that try this SGH Geochemistry, over 90+% have continued to use this technique as repeat clients. SGH has helped discover a large number of new deposits, however many clients have kept this to themselves as a competitive strategy.



# **SOIL GAS HYDROCARBON SURVEY DESIGN AND SAMPLING**

**Summary:** See Appendix C for more details

In summary, the best conditions for the sample type and survey design include:

- Fist sized samples are usually retrieved from a shallow dug hole in the 15 to 40 cm range of depth.
- Different sample types can be taken even “within” the same survey or transect, data leveling is rarely required. SGH is highly effective in areas of very difficult terrain. The Golden Rule is to always take a sample.
- Samples should be evenly spaced in a grid or as a second choice, in a series of transects with sample lines spaced at a ratio of up to 4:1 (line spacing: sample spacing).
- A minimum of 50 sample “locations” is recommended with one-third over the target and one-third on each side of the target into background if this can be predicted. More samples representing a larger area is preferred in order to optimize data contrast.
- If very wet, samples can be drip dried in the field. No special preservation is required for shipping.
- Relative or UTM sample location coordinates are required to allow interpretation.

## **SAMPLE PREPARATION AND SGH ANALYSIS**

**Summary:** See Appendix D for more details

Upon receipt at Activation Laboratories:

- The samples are air-dried at a relatively low temperature of 40°C.
- The samples are then sieved and the -80 mesh sieve fraction (<177 microns, although different mesh sizes can be used at the preference of the exploration geologist) is collected.
- The collected “pulp” is packaged in a Kraft paper envelope and transferred from our sample preparation department to our Organic Geochemical department also located in our World Headquarters in Ancaster, Ontario, Canada.
- Each sample is then extracted, compounds separated by gas chromatography and detected by mass spectrometry at a *Reporting Limit* of one part-per-trillion (ppt).
- The results of the SGH analysis is reported in raw data form in an Excel spreadsheet as “semi-quantitative” concentrations without any additional statistical modification.

## SGH DATA QUALITY

**Summary:** See Appendix E for more details

### Reporting Limit:

- The Excel spreadsheet of concentrations for the hydrocarbons monitored is in units of ppt as “parts-per-trillion” which is equivalent to nanograms/kilogram (ng/Kg). The reporting limit of 1 ppt represents a value of approximately 5 times the standard deviation of low level analysis. Essentially all background noise has already been eliminated. All data reported should be used in geochemical mapping. Actual detectable levels can be significantly < 1 ppt.

### Laboratory Replicate Analysis:

- An equal aliquot of a random sample is analyzed as a laboratory replicate.
- Due to the large amount of data, the estimate of method variability is reported as the percent coefficient of Variation (%CV).
- A laboratory replicate analysis is reported at a frequency of 1 for every 15 samples analyzed.
- The variability of field duplicate samples are similarly reported if identified.

### Historical SGH Precision:

- Although the SGH analysis reports results at such trace ppt concentration levels, the average %CV for laboratory replicates is excellent at an average of 8% within a range of  $\pm 4\%$ .
- Field duplicates have historically been 3 to 5% higher than laboratory replicates.

# SGH DATA INTERPRETATION

**Summary:** See Appendix F for more details

SGH Interpretation and Report:

- Due to the very large data set provided by the SGH analysis, this interpretation report is provided to offer guidance in regards to the results of this geochemistry for the survey.
- In our interpretation procedure, we separate the 162 compound results into 19 SGH sub-classes. These classes include specific alkanes, alkenes, Thiophenes, aromatic, and polyaromatic compounds. The concentrations of the individual hydrocarbons within a class are simply summed. None of these compounds are gaseous at room temperature.
- At this time the magnitude of the hydrocarbon class data has not been proven to imply a higher grade or quantity of the mineralization if present.
- A "geochemical anomaly threshold value" should not be calculated for SGH data as any background or noise has already been filtered out through the use of a Reporting Limit instead of some type of detection limit.
- SGH hydrocarbon data should never be interpreted individually. Interpretation must always use a compound class.
- Multiple SGH Classes are compared. Multiple SGH Classes that have been associated with the presence of specific mineralization are called SGH Pathfinder Classes that together represent the forensic signature or fingerprint identification that is associated with a specific type of mineralization or petroleum play.
- The anomalies of each class are compared as to their geochromatographic dispersion and ability to vector to a common location that may be referenced as a potential drill target.
- The agreement and behaviour between SGH Pathfinder Classes for a type of target, as a template of Classes, is compared against SGH research and orientation studies. The quality of agreement is expressed as an SGH Rating of confidence that the SGH anomalies of the survey being interpreted are similar to the behaviour of these classes over known mineralization.
- The interpretation is customized for the project survey by the Author. The SGH Rating and Interpretation is subjective and based on the experience from 1,000+ SGH survey interpretations. The interpretation is not conducted or assisted by any computerized process.

# SGH CHARACTERISTICS

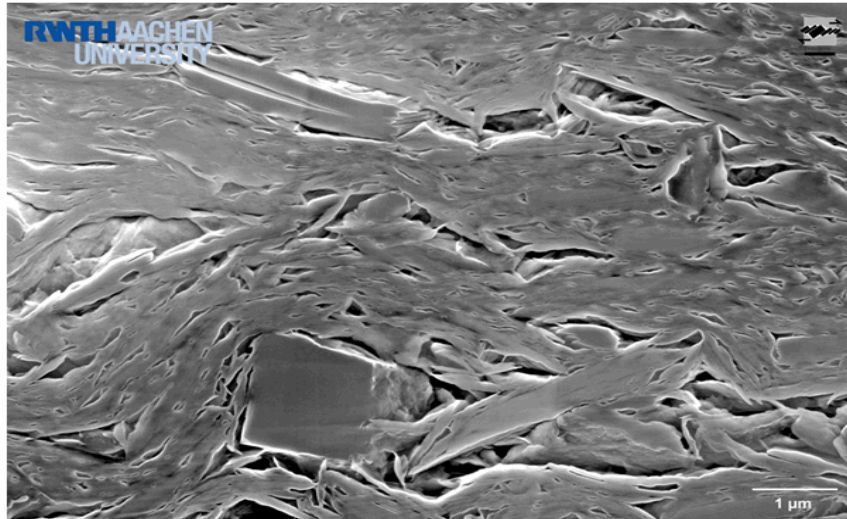
**Summary:** See Appendix G for more details

## SGH Characteristics:

- The pattern of SGH anomalies are usually of high contrast and easily observed.
- SGH is able to illustrate exceptionally symmetrical anomalies in spite of exotic overburden and barriers such as permafrost, shale and basalt caps, previously thought to be impenetrable.
- Inorganic geochemistry can illustrate anomalies of metals that have been mobilized by surficial physical processes. As SGH is essentially “blind” to the inorganic content of a sample, SGH anomalies illustrate the true source of mineralization as it is not affected by the effects of terrain or from mobilized cover such as from glacial transport.
- As SGH hydrocarbons are essentially non-polar, highly symmetrical anomalies are observed. As such symmetry is rare in geochemistry this provides a higher level of confidence to the interpretation that is reflected by a higher SGH Rating Score in comparison to known case studies.
- SGH can be analyzed on samples collected in different seasons or adjacent years. The combined data most often does not require any data leveling.

## SGH INTERPRETATION – LATEST ENHANCEMENTS

SGH continues to be developed even after 18 years since inception. Although the sample preparation and analysis has stayed the same, in the last 10 years in particular it is the interpretation and understanding of the SGH data and the intricacies of the SGH signatures that have been more refined. In the last 4 years this understanding has extended to the ability to make some prediction of depth from just the use of this geochemistry. A “first” for a geochemistry that is unique to SGH. Today the latest SGH development is the introduction of the concept of the “transparent overburden”. The basis of this ability is the understanding that SGH is a Nano-geochemistry. The term “Nano” is not only used to describe the capability in detecting “Nano” quantities of these hydrocarbon based bacterial decomposition products, with the ability to detect 1 nanogram per kilogram (ng/Kg or 1 part-per-trillion), but “Nano” also describes the size of the hydrocarbon compounds detected which are typically < 1 micron in size. These relatively non-polar hydrocarbons are far smaller in size than inorganic oxides and sulphides. This difference is the reason why SGH anomalies are reliable vertical projections of mineral and/or petroleum based targets. This SGH Nano-geochemistry thus makes even the most exotic overburden “transparent”. The SEM (Scanning Electron Microscope) image below illustrates the large number of micron sized pore spaces in “Boom Clay”, specific high density clay, used to cap deep chambers of high hazard and radioactive wastes. To SGH, this is just a sieve that these hydrocarbons are able to still migrate through by Nano-Capillary action. Inorganic oxides and sulphide anomalies from targets below such complex overburden may be laterally displaced as they must rely on faults and shears in order to migrate to the surface.

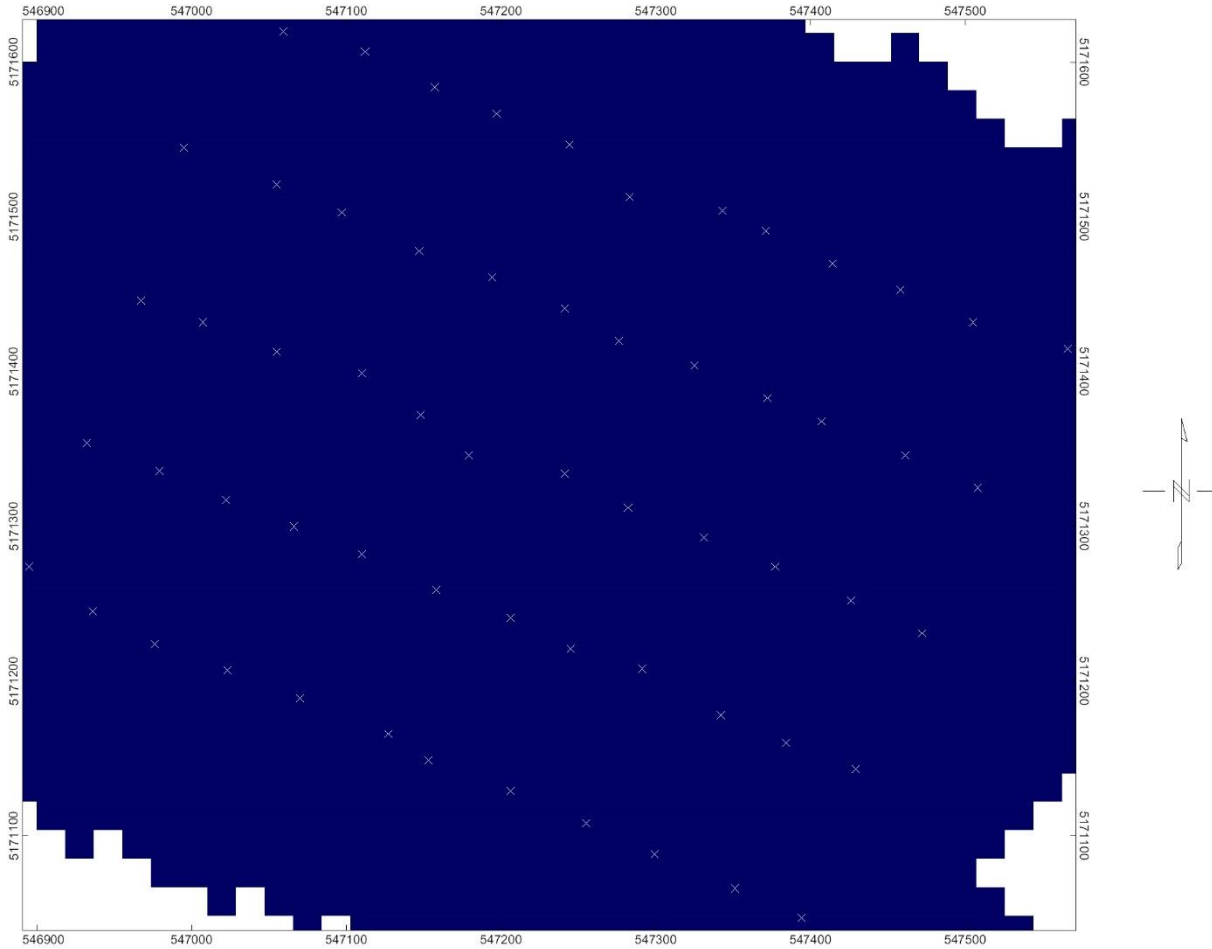


This new understanding of the rationale of why SGH anomalies are so reliable in their vertical projection of the location of mineralization and in the ability to so accurately delineate shallow and deep mineralization has further lead to the ability to use SGH to review different layers of the overburden as it relates to the mineral target due to the wide molecular weight range of the SGH Nano-geochemistry. Another factor that aids in this review of layers, much like peeling back the layers of a sweet-onion, is the understanding of weathering processes in the 5 metres near the surface that includes the Vadose zone.

# INTERPRETATION OF SGH RESULTS – A21-20206

## SPC NICKEL CORP – JANES PROPERTY SGH SURVEY

This report is based on the SGH results from the analysis of a total of 66 samples from the Janes Property survey. The survey can be described as a grid with sample spacing of approximately 50m and line spacing of approximately 100m. The samples were shipped to Actlabs Global Headquarters, then prepared for analysis. Sample coordinates were provided for mapping of the SGH results for these samples in UTM format. A sample location map is shown below.



# SGH INTERPRETATION – SPC NICKEL CORP QUALITY ASSURANCE – JANES PROPERTY SGH SURVEY

Note that the associated SGH results are presented in a separate Excel spreadsheet. This data is semi-quantitative and is presented in units of pg/g or *parts-per-trillion* (ppt) as the concentration of specific hydrocarbons in the sample. The number of samples submitted for the Janes Property survey falls just above the recommended minimum number of samples to use SGH as an exploration tool. SGH has been proven to discriminate between false mobilized soil anomalies and is able to actually locate the source target deposition. SGH is a deep-penetrating geochemistry and has been proven to locate Copper, Gold, VMS, and other types of mineralization as well as for petroleum targets at several hundred metres below the surface irrespective of the type of overburden. Note that the SGH data is only reviewed for the particular target deposit type requested, in this case for the presence of Nickel and Copper. It is assumed that there is only one potential target. If known, in surveys with several complex geophysical targets, to obtain the best interpretation the client should indicate that there are possibly multiple targets. The possibility of multiple geophysical targets should be known due to potential overlap and increased complexity of the resulting geochromatographic anomalies, which could alter the interpretation as to which targets are mineralized or not.

**The overall precision of the SGH analysis for the samples at the JANES PROPERTY SGH Soil Survey was excellent** as demonstrated by the 5 samples taken from this survey which were used for laboratory replicate analysis and were randomized within the analytical run list. The average Coefficient of Variation (%CV) of the replicate results for the samples in this survey was **9.1%** which represents an excellent level of analytical performance especially at such low parts-per-trillion concentrations.

The **6 Field Duplicate samples submitted from the JANES PROPERTY SGH Survey** was considered excellent at **11.9%**. It is typically observed that the variability of field duplicates are 5% to 8% CV higher than for laboratory duplicates of random samples taken from the survey. Note that the SGH geochemistry does not detect all organic hydrocarbons present in the samples.

No other statistics were used on the data for this report for mapping or interpretation purposes aside from the use of a Kriging trending algorithm in the GeoSoft Oasis Montaj mapping software. **This interpretation is based only on the analytical results provided by the SGH Nano-Geochemistry from this submission of samples for the JANES PROPERTY survey samples.** A template or group of SGH Pathfinder Classes that have been found to be associated with buried Nickel and Copper targets was used as the basis for the interpretation of these areas. The final interpretation is customized and conducted by the author. Although the term “template” or “signature” appears in this SGH Report, a computerized interpretation is not used.

## SGH INTERPRETATION - SGH TARGET PATHFINDER CLASS MAPS

The maps shown in plan and in 3D views in this report are SGH "Pathfinder Class maps" for targeting various chemical classes of hydrocarbon flux signatures related to Redox conditions, Nickel and Copper type targets. This report may have been expanded by the author to include additional SGH information that may help understand the structure of the findings if present at the Janes Property survey area. The maps shown represent the simple summation of several individual hydrocarbon compound concentrations that are grouped from within the same organic chemical class. SGH Pathfinder Class maps have been shown to be robust as they are each described using from 4 to 14 chemically related SGH compounds (unless otherwise stated) which are simply summed to create each chemical class map. Thus each map has a higher level of confidence as it is not illustrating just one compound measurement.

The Nickel and Copper template of SGH Pathfinder Classes uses primarily low and medium molecular weight classes of hydrocarbon compounds. At least three Pathfinder Class maps, associated with the SGH signature developed must be present to begin to be considered for assignment of a good rating relative to the SGH performance in case studies over known Nickel and Copper types of mineralization (some of these maps might not be shown in this report). These SGH classes must also concur and support a consistent interpretation in relation to the expected geochromatographic characteristics of the Pathfinder Class. The *overall* SGH interpretation Rating has even a higher level of confidence as it further implies the consensus between at least three SGH pathfinder classes. A combination of these SGH Pathfinder Classes potentially defines the signature of a target at depth if present. Each of the SGH Pathfinder Class maps shown in this report is a specific *portion* of the SGH signature relative to the presence of Nickel and Copper as described. Each pathfinder class map is still just one of the Pathfinder Class maps used in the interpretation template for Nickel and Copper. Additional interpretation information which may contain additional SGH Pathfinder Class maps is available as a Supplementary Report at an additional price (see Appendix H).



# **A21-20206 – SPC NICKEL CORP**

## **JANES PROPERTY - SGH SOIL SURVEY - SGH INTERPRETATION**

### **SGH TARGET PATHFINDER CLASS MAPS**

Note that any concentration value in the accompanying Excel spreadsheet greater than the "Reporting Limit" of 1 ppt is important data and has been able to depict mineralization or petroleum plays at depth under cover in other projects. The majority of the variability or noise has already been eliminated; additional filtering will adversely affect any interpretation. Note again that a Kriging trending algorithm has been applied to the mapping routine in the Geosoft Oasis Montaj software in the development of the SGH Class maps. SGH concentrations are in some way probably related to the amount of mineralization or petroleum resource present, which probably defines the characteristics or quantity of the biofilm(s) in contact with the target, as well as being related to the depth to the target. SGH results have also been shown to correlate well with geophysical measurements such as magnetic anomalies and those of CSAMT.

The SGH Class maps are the plot of the sums of the particular hydrocarbon class in parts-per-trillion concentration. The dark blue areas of these maps represent very low or non-detect values or areas where no samples were taken. For plotting purposes the values at the Reporting Limit are plotted as one-half of this filtering, or one-half of 1.0 ppt. The hotter colours represent higher concentrations of the sum of the class with the highest values being purple in colour. The lowest concentrations that may be at 0.5 ppt, are shown in blue.

SGH is a "deep penetrating" geochemistry but also works well for deep targets as well as relatively shallow targets. Targets shallower than about 3 to 5 metres (or potentially outcrop) will have a reduced SGH signal due to interaction with atmospheric conditions and samples taken right at surface outcrops will have even weaker signals due to a higher degree of weathering from various environmental processes on these volatile and semi-volatile organic hydrocarbons.

In the interpretation of SGH data there are several goals. In order of importance they are:

- Review for the presence of Redox Cells
- Vector to the location of a mineral target
- Delineate the mineral target
- Identify the type of mineral target
- Describe the features of the possible mineral target
- See if there is information on the basement structure
- Predict a drill target
- Predict the possible depth to the mineral target

Not every goal is expected to be able to be achieved with each SGH data set or survey.

**A21-20206 – SPC NICKEL CORP  
JANES PROPERTY SGH SURVEY  
SGH INTERPRETATION RATING AND CLARIFICATION**

Often a geochemistry such as SGH is used as an economical exploration investigation tool to provide more information on an exploration target as some geological body or help prioritize some geophysical target. Such occurrences are in general expected to change the chemistry of the immediate overburden which in turn is expected to result in a chemical anomaly as detected in surficial samples. The author believes that it is important to convey to the client the presence of an anomaly even if there is only part of the SGH signature present that may be related to the mineral signature or template requested. In other words, the anomaly illustrated in the report may not be representative of the mineralization sought as only a part of the SGH signature is present, but the anomaly may confirm the presence of some geological or geophysical target which may be valuable to the client for comparison with other data. In addition it would confirm the ability and sensitivity of SGH to show geological or geophysical occurrences. Example: A well defined rabbit-ear anomaly on an SGH Pathfinder Class map in a report, even though it may have a lower rating of 2.0 or 3.0, may illustrate to the exploration geologist that SGH does agree that there is some geological body at depth that is changing the chemistry and forming a Redox cell in the overburden. However the SGH forensic signature Rating indicates that there is a lower confidence that the "identification" of that body is likely to be say Gold (if the SGH Gold template is requested). This information would provide a confirmation that a target does exist, however if the SGH Rating indicates that the target has a lower level of confidence then the target does not have the forensic signature of the mineralization sought. SGH would thus provide a savings to the exploration program and divert focus to potentially other targets having a higher confidence in the SGH identification Rating for Gold in this example.

**Thus, the SGH rating must always be considered in conjunction with the SGH Pathfinder Class map(s) shown in the report.** It is this rating that provides an insight into the authors' complete interpretation and is a measure of the confidence and to what degree the complete SGH signature compares with the SGH results from over case studies of similar known deposits. Unfortunately, the interpretation of a visual, as the SGH map provided, is so ingrained in humans that the reader may erroneously disregard the author's subjective rating to a large degree. As of November 25, 2011, the author now highlights the rating directly on the page having the plan view of the SGH Pathfinder Class map chosen to be illustrated. Thus to the reader of the report, the authors Rating is actually **MORE IMPORTANT** than the readers instinctive interpretation of just the one map provided. Again, SGH should not be used in isolation from other site information, and that a Rating of 4.0 is when, in the authors' estimation, a signature only starts to have a good identification relative to that type of mineralization, and that the survey may warrant further study although it is not a specific recommendation to drill test the anomaly. As the SGH interpretation is represented by a signature, the SGH Pathfinder Class map(s) illustrated in reports is always only "PART" of the specific SGH signature or template that the client requests (i.e. for Gold, etc.). No one SGH map can represent the complete signature due to the different amounts of spatial dispersion of the anomalies that are expected for the variety of SGH chemical classes within each signature. Thus the author selects the one SGH Class Map relative to the mineralization requested that best represents an anomaly that estimates the overall signature found in the survey.

## **A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH “REDOX” INTERPRETATION**

As a general comment in regard to the SGH results at the Janes Property SGH Survey, the SGH data in general had good signal strength and the SGH Class maps in this report are quite good in contrast. It's important to not think of contrast with SGH as Signal:Noise as by using a "Reporting Limit" the noise has already been completely or nearly completely removed.

One of the first steps in the interpretation of the spatial aspect of SGH data is to locate potential Redox conditions in the overburden. Redox conditions have been well known to be related to blind mineral or petroleum targets; however, Redox conditions can also be attributed to other geological bodies that are of no particular interest. SGH signatures have been shown to be able to differentiate between these targets. SGH has been described by the Ontario Geological Survey of Canada (OGS) as a "Redox Cell locator". Redox Cells can be related to the presence of bacteriological activity related to mineralization but also may be related to the presence of geological bodies such as Granite Gneiss, Dunite, etc. Recently SGH has been shown to be far more sensitive to depicting Redox conditions than even measurements using pH or ORP tests. It is important to understand that; not only is SGH a Redox cell locator, but due to the forensic signature of mineralization used in the interpretation process, SGH can discriminate mineral targets and other target types from geological bodies, other magnetically detected targets, mineralized versus non-mineralized conductors, cultural effects, etc. even in surveys over highly difficult or exotic terrain that often requires the collection of multiple sample types. In the interpretation it is not necessary to detect a Redox cell if mineralization is within approximately 30 metres of the surface as this would be insufficient depth to develop a dispersion halo anomaly. Many SGH surveys for Gold, Petroleum, and other mineral and petroleum based targets can result in multiple types of anomalies, depending on the class of SGH compounds, even over the same target and in the same set of samples. Thus "Apical", "Segmented-Nested-Halo", and "Rabbit-Ear" or "Segmented Halo" type anomalies are all typically observed within the SGH data set from the effect of Redox cells that have developed over mineralization and their interaction with Redox conditions and the electromotive forces produced by the subsequent Electrochemical Cell. Different types of anomalies have also been associated with the depth to the target. The types of anomalies developed have been recently explained by the use of the 3D-SGH model of interpretation. The highly symmetrical anomalies illustrated by SGH data closely follow the expected self-organizing patterns of neutral species within an electrochemical cell in recent experiments in physics laboratories. The highly symmetrical anomalies are also able to be observed as the Nano-sized dimensions of these organic hydrocarbons are much smaller than inorganic oxides and sulphides. Thus the SGH hydrocarbons can migrate through the Nano-sized fissures of even clay, basalt, and permafrost caps by means of Nano-capillary action. The simple fact that the SGH anomalies are geometrically symmetrical and not random further improves the confidence of SGH interpretations.

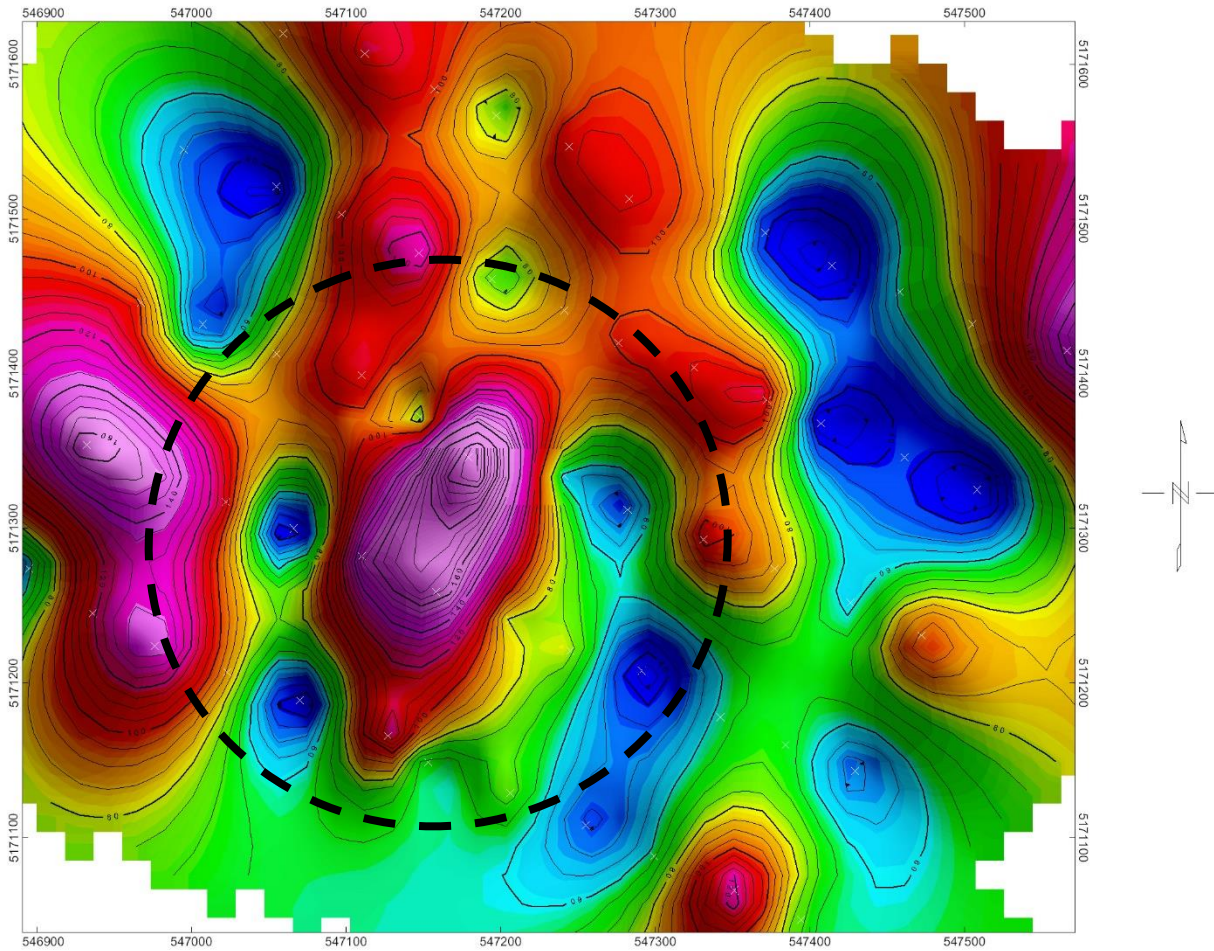
## **A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH SURVEY SGH “NICKEL and COPPER” INTERPRETATION**

The SGH Pathfinder Class map shown on page 22 and in 3D view on page 23 shows a partial SGH anomaly from a very reliable SGH Pathfinder Class in predicting the presence of Redox conditions that can support other SGH Pathfinder Class maps for Nickel and Copper. Remember that signals near the edges of the survey or at the ends of transects can appear to be higher due to the Kriging trending algorithm applied for mapping. For this reason these anomalies may not be interpreted.

These SGH Class maps are only a portion of the SGH Nickel and Copper signature used in each interpretation. There is not any one SGH Class map that can, as a single map, be reliably used to interpret the presence of Nickel or Copper or any other type of mineralization. Again, as signals or anomalies due to any analytical, sample preparation, or sampling procedure “noise” have been removed through the use of the Reporting Limit filter, any SGH anomaly on these Pathfinder Class Maps have a high probability of being real data. The SGH Pathfinder Class maps shown are highly sensitive in illustrating strong results for Nickel and Copper based on previous research and case studies. Other SGH Classes at the JANES PROPERTY survey also agree with the interpretation shown in the following pages.

This portion of the SGH hydrocarbon signatures is predicted to be associated with NICKEL and Copper targets as the detection of those hydrocarbon residues produced by the decomposition of microbes and bacteria from the life cycle death phase that have been feeding on Nickel and Copper. These residues have subsequently migrated to the surface as a flux of different classes of hydrocarbons or decomposition products. During migration to the surface, dispersion away from the mineralization is expected. The distance of dispersion is dependent on the principle of geochromatography that is in generally related to the average molecular weight of the class. It has been found that the complexity of the overburden does not affect the geochromatographic dispersion of the SGH classes of this Nano-Geochemistry, unless a situation is encountered such as that of a “major” fault that may result in a very slight deflection of this path. This is the basis of the 3D-SGH interpretation as the relatively neutral hydrocarbons that SGH detects are spatially observed as very symmetrical anomalies (as presented by the creator at the IAGS conference in Finland in 2011 and further at the IAGS conference in New Zealand in November of 2013 and Tucson Arizona in 2015).

# A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH "REDOX" PATHFINDER CLASS MAP

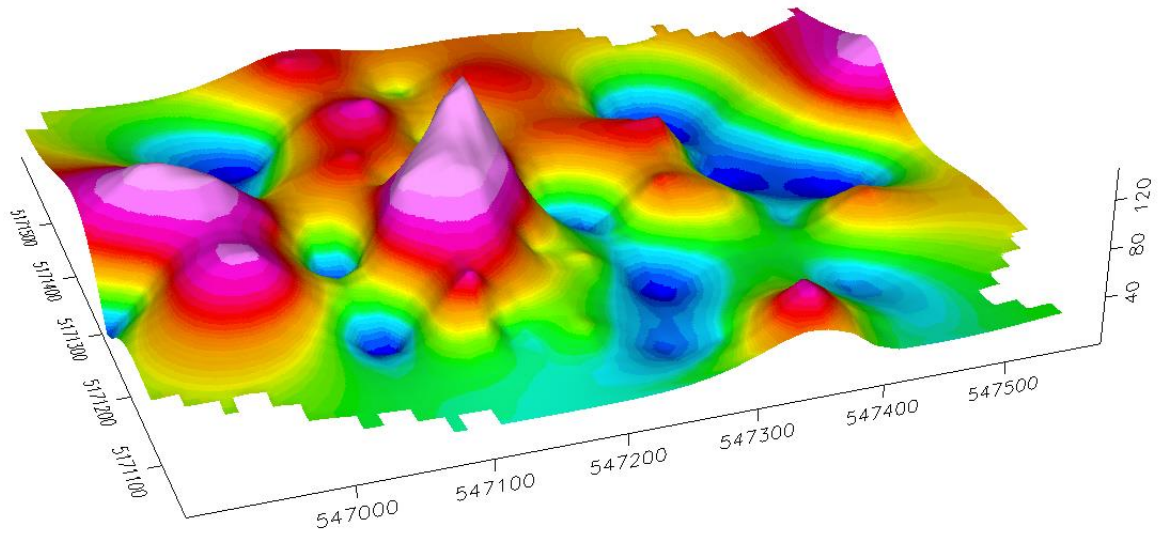


PARTIAL SEGMENTED NESTED-HALO ANOMALY ILLUSTRATING POSSIBLE PRESENCE OF A REDOX ZONE



Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

**A21-20206 – SPC NICKEL CORP – JANES PROPERTY  
SGH "REDOX" PATHFINDER CLASS MAP**



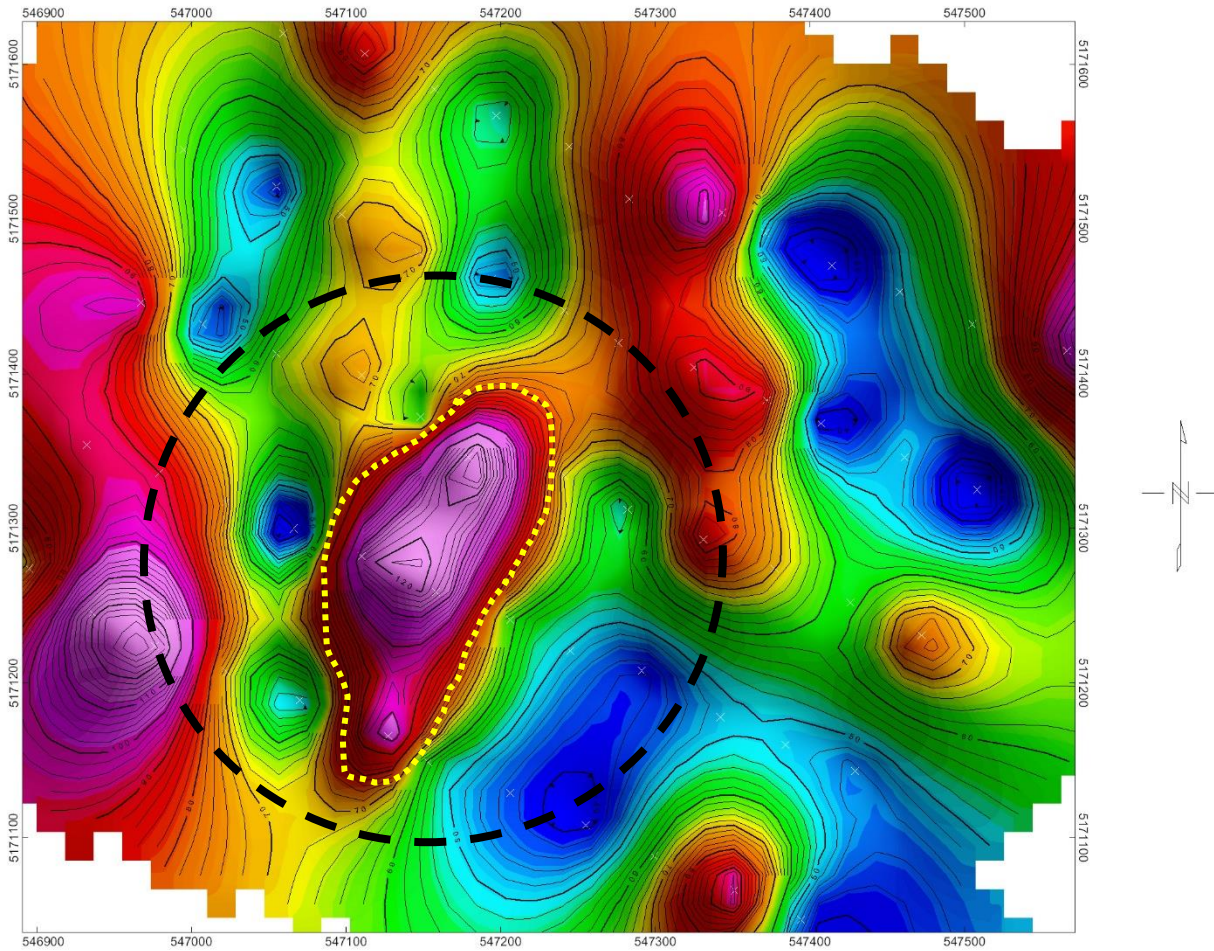
Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

## **A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH NICKEL INTREPRETATION**

Page 25 of this report, and in 3D-view on page 26, shows the anomaly from one of the most reliable SGH Pathfinder Classes in predicting the presence of Nickel Mineralization. This map illustrates an apical anomaly outlined in yellow at the center of the Redox Zone. We believe that mineralization might exist at this location as a vertical projection beneath this anomaly. Several other SGH Pathfinder Class Maps associated with the presence of Nickel mineralization (not shown in this report) support this interpretation of this anomaly at the Janes Property SGH survey.

Again, the prediction of this anomaly for Nickel mineralization is based only on SGH.

# A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH "NICKEL" PATHFINDER CLASS MAP



PREDICTED NICKEL MINERALIZATION – YELLOW OUTLINE

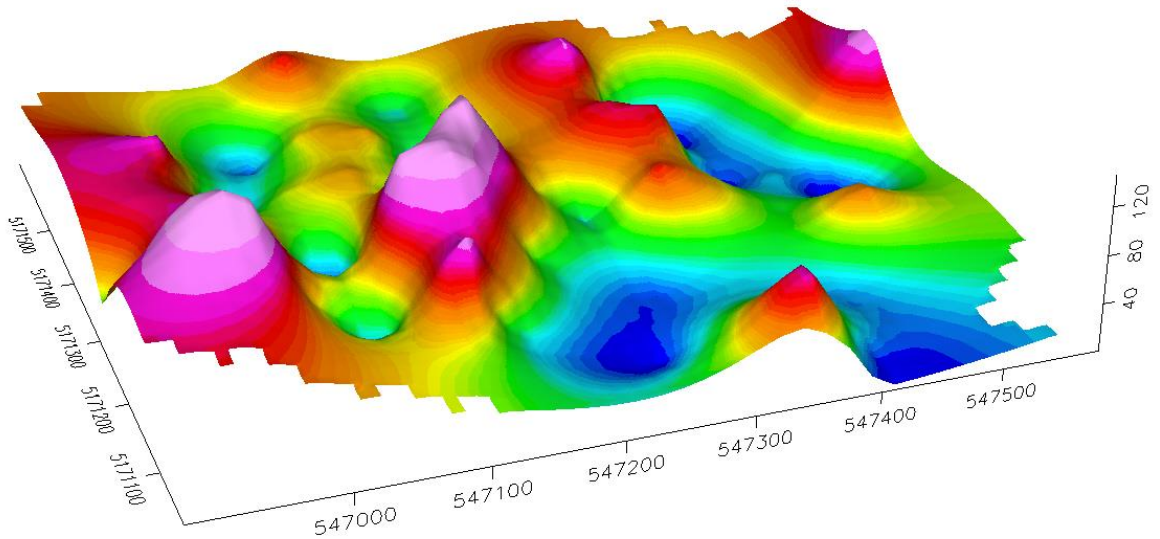
**SGH SIGNATURE RATING RELATIVE TO "NICKEL" = 5.0 OF 6.0**



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**A21-20206 – SPC NICKEL CORP – JANES PROPERTY  
SGH "NICKEL" PATHFINDER CLASS MAP**



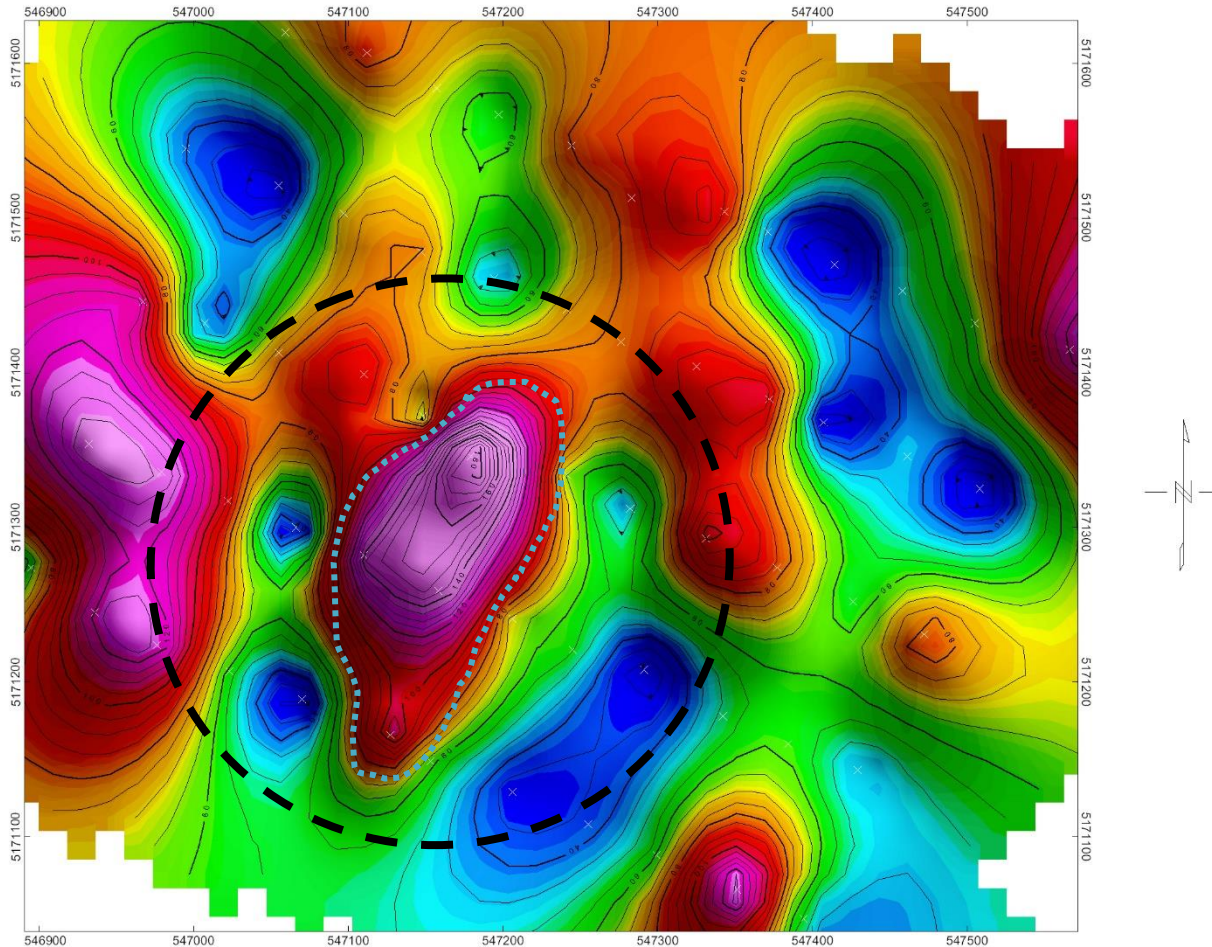
Results represent only the material tested. Actlabs is not liable for any claim/damage from the use of this report in excess of the test cost. Samples are discarded in 90 days unless requested otherwise. This report is only to be reproduced in full.

## **A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH COPPER INTREPRETATION**

Page 28 of this report, and in 3D-view on page 29, shows the anomaly from the most reliable SGH Pathfinder Class in predicting the presence of Copper Mineralization. This map illustrates an apical anomaly at the center of the Redox Zone coincident to that of the Nickel anomaly. We believe that mineralization might exist at this location as a vertical projection beneath this anomaly. Other SGH Pathfinder Class Maps associated with the presence of Copper mineralization (not shown in this report) support to the interpretation of this anomaly at the Janes Property SGH survey.

Again, the prediction of this anomaly for Copper mineralization is based only on SGH.

# A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH "COPPER" PATHFINDER CLASS MAP



PREDICTED COPPER MINERALIZATION - BLUE OUTLINE

**SGH SIGNATURE RATING RELATIVE TO "COPPER" = 5.0 OF 6.0**



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December 10, 2021

Activation Laboratories Ltd.

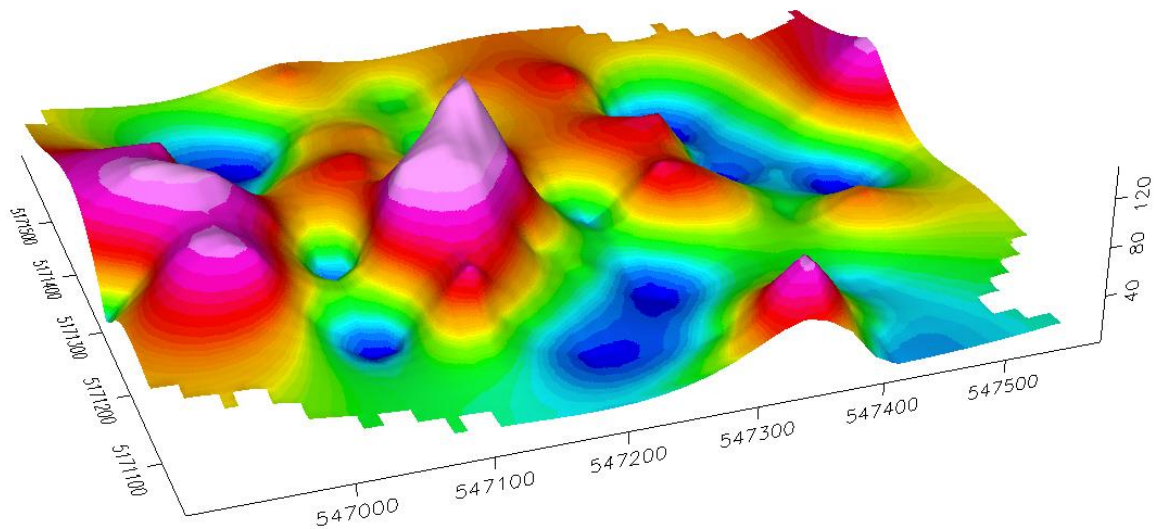
A21-20206

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# A21-20206 – SPC NICKEL CORP – JANES PROPERTY SGH "COPPER" PATHFINDER CLASS MAP



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**December 10, 2021**

**Activation Laboratories Ltd.**

**A21-20206**

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## **A21-20206 – SPC NICKEL CORP JANES PROPERTY SGH SURVEY - SGH INTERPRETATION FOR THE PRESENCE OF MINERALIZATION**

The interpretation of the SGH data on pages 25 and 28 relative to the presence of Nickel and Copper mineralization at the Janes Property survey may be based on what may appear to be a Redox Zone. Based also on the makeup of the SGH signatures, this redox zone may be associated with the possible presence of mineralization.

In general, SGH is not a perfect confirmatory technique for inorganic chemistry's. Inorganic methods will show the highest anomalies for outcrops at surface where as the SGH sensitivity is reduced at this point due to further degradation by environmental exposure to sun, rain, UV, etc. This reduction may not be seen on the maps provided due to normalization to the highest response in the map overall. SGH predicts whether the mineralization is present at subcrop or deeper portions relative to the mineralized structure.

The subjective SGH confidence rating for the Janes Property survey assigned to the anomaly in general on these maps where the anomalies coincide on their location is 5.0 on a scale of 6.0. The Rating for the Janes Property survey means that, based only on SGH, that there is a high probability that mineralization may be present. Note, as the SGH Rating is one of confidence, in our judgment an assignment of a Rating of 0.0 cannot be given out. From client feedback in recent years, a few grass roots exploration surveys that have been interpreted with an SGH Confidence Rating of 4.0 ( $\pm 0.5$ ) have been drill tested and have had successful mineralization intersections. However the frequency of success is much more prevalent for those targets that have associated SGH Rating Scores of  $\geq 5.0$ .

The SGH Ratings shown on pages 25 and 28 in this and all SGH reports are based on a scale of 6.0, in 0.5 increments, with a value of 6.0 being the best. The SGH Ratings discussed in relation to mineralization represents the similarity of these SGH results with other SGH case studies and orientation studies over known mineralization. These SGH signatures or templates have been constantly refined and enhanced since inception and has been proven to be effective and reliable. The SGH templates are based on the interpretation from over 1,100 interpretations of surveys in many different geographical regions and from a wide variety of lithologies. The degree of confidence in the SGH Rating only starts to be "good" at a level of 4.0. A Rating of 4.0 or more is an indication that this SGH Nano-Geochemistry predicts that the zone(s) described may warrant more work or more consideration.

# **A21-20206 – SPC NICKEL CORP JANES PROPERTY SGH SURVEY - SGH INTERPRETATION FOR THE PRESENCE OF MINERALIZATION**

Any identification of a drill target is not an explicit recommendation by Activation Laboratories Ltd. to drill test the associated location or SGH anomaly. A drill target is implied to ensure that the reader is aware of the location having the highest confidence of being the location of the vertical projection of mineralization, based only on SGH data. This is also not a recommendation for vertical drilling. Vertical drilling may not be the best approach to test the SGH anomaly in this area although SGH anomalies are very much a vertical projection of the target at depth regardless of the makeup of the overburden. Activation Laboratories Ltd. has no experience in actual exploration drilling techniques. Other geological, geochemical and/or geophysical information should also be considered.

It must be remembered that other SGH Class maps not shown in this report have also been reviewed to support the interpretation shown. To deduce the most scientifically sound interpretation of the SGH surveys, the client should use a combination of the SGH results shown in this report with additional geochemical, geophysical, and geological information to possibly obtain a more confident and precise target location. This is not a statement to convey some lower level of confidence in SGH results. This statement is made to recognize the proper use and interpretation of any scientific data. Whenever possible, multiple methods should always be employed so that any decisions do not rely on any one technique.

# **A21-20206 – SPC NICKEL CORP JANES PROPERTY SGH SOIL SURVEY - SGH SURVEY RECOMMENDATIONS**

In general, the number of samples was adequate to show what the author believes to be valuable information at the Janes Property survey. Our recommendation states to use a minimum of 50 sample locations to be taken with at least 2 or 3 samples taken within 1 metre of a location as field duplicates. Survey designs that use a regular grid are very powerful tools although a 4:1 ratio as spacing between transects: spacing of samples along transects has also had excellent results with SGH. Additional sampling to the south of this survey could be warranted to potentially better define the Redox Zone. Additional infill samples should be able to be easily added to the current data set without data leveling 90+% of the time. As the interpretation is difficult for surveys having less than 50 sample locations and the corresponding confidence is significantly lower, surveys with less than 50 sample locations may not be accepted and may be returned to the client at their expensive. We believe a survey with less than 50 sample locations is not beneficial or cost effective to the client.

## **GENERAL RECOMMENDATIONS FOR ADDITIONAL OR IN-FILL SAMPLING FOR SGH ANALYSIS**

In general, if the client decides that in-fill sampling may be warranted, to obtain the best results from additional sampling for SGH it is usually recommended that sample locations from the original survey within, or bordering, the area of interest be re-sampled rather than just combining new sample results with the sample data from the initial survey. Although several SGH surveys have previously been easily and directly, combined without data leveling, it cannot be guaranteed that data leveling will not be required. It has been found that data leveling is more apt to be required should the new samples be collected under significantly different environmental conditions than during the initial sample survey, i.e. summer collection versus winter collection

The process of data leveling adds a minimum of 3 to 5 days of work to conduct the additional data evaluation, develop additional plots of the results, conduct new interpretations, and additional report descriptions. Results from data leveling is also always considered "an approximation", thus the confidence in a combined interpretation will be lower than the interpretation from samples collected during one excursion to the field and submitted as one survey. An additional cost will be invoiced should data leveling operations be required if the client requests that two SGH data sets be interpreted and reported together. Thus re-sampling a few of the original sample locations will provide a faster turnaround time for results and provide more accurate and confident surveys for evaluation and aid in deciding specific drill targets.

Date Received at Actlabs: October 26, 2021

Date Analysis Complete: November 25, 2021

Interpretation Report: December 10, 2021

**SPC NICKEL CORP.**

1351C Kelly Lake Road Unit #9

Sudbury, Ontario, Canada

P3E 5P5

**Attention: Rachel Chouinard**

**RE: Your Reference: Janes Property**

**Activation Laboratories Workorder: A21-20206**

**CERTIFICATE OF ANALYSIS**

*This Certificate applies to the associated Excel Spreadsheet of Hydrocarbon results combined with the discussion and SGH Pathfinder Class maps of the data shown in this report.*

66 Samples were analyzed for this submission.

Sample preparation –Actlabs Ancaster – SGH-1: Drying at 40°C and Sieving with -80 mesh collected

Interpretation relative to Nickel and Copper targets were requested.

The following analytical package was requested and analyzed at Actlabs Ancaster Canada:

Analysis Code SGH – Soil Gas Hydrocarbon Geochemistry using High Resolution Gas Chromatography/Mass Spectrometry (HRGC/MS)



**REPORT/WORKORDER: A21-20206**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at the time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of the material submitted for analysis.

Notes: The SGH – Soil Gas Hydrocarbon Geochemistry is a semi-quantitative analytical procedure to detect and measure 162 hydrocarbon compounds as the organic signature in the sample material collected from a survey area. It is not an assay of Mineralization but is a predictive geochemical tool used for exploration. This certificate pertains only to the SGH data presented in the associated Microsoft Excel spreadsheet of results.

Mr. Dale Sutherland, is the creator of the SGH and OSG organic geochemical methods. He is a Chartered Chemist (C.Chem.) and Forensic Scientist specializing in organic chemistry. He is a member of the Association of the Chemical Profession of Ontario, the Association of Applied Geochemists, the International Association of GeoChemistry, the Ontario Prospectors Association, the Association for Mineral Exploration British Columbia, the Geochemical Society Association, the Ontario Petroleum institute, the Chemical Institute of Canada, and the Canadian Society for Chemistry, as well as having memberships in several national and international Forensic associations. He is not a professional geologist.

CERTIFIED BY:



Jeff Brown

Organics Supervisor

Activation Laboratories Ltd.

## APPENDIX "A"

### List of terms

- 1. SGH** – "SOIL GAS HYDROCARBON" GEOCHEMISTRY – a Predictive Geochemistry, used for delineate buried inorganic mineral deposits and organic petroleum plays. This is the original name used to describe this geochemistry since inception in 1996. Code SGH is still used when submitting samples.
- 2. 3D-SGH**- "3D- SPATIAL TEMPORAL GEOCHEMICAL HYDROCARBONS - the method of interpreting SGH and OSG results based on the Redox/Electrochemical Cell model developed by Activation Laboratories Ltd. in 2011.
- 3. Redox cell**- an area of oxidation-reduction reactions or exchange of electrons that is produced over geological bodies, mineralization and petroleum based plays.
- 4. Electrochemical cell**- the effect of adjacent chemically reduced areas and chemically oxidized areas as a Redox cell produces a electrical gradient that obeys the physics of a typical Electrochemical cell.
- 5. Anthropogenic contamination**- the introduction of impurities/compounds of the same type as those that are being analyzed by human actions that could lead to erroneous results.
- 6. Background areas**- the area around a mineral deposit that is beyond the effect of the Redox cell formed over geological bodies or exploration targets. Sampling is required into background areas to produce data that has sufficient contrast to illustrate and differentiate anomalies associated with exploration targets.
- 7. Background subtracted**- A sample taken some distances away as to not contain any elements of the target being analyzed.
- 8. Biofilm**- a layer of microorganisms and microbe and their related secretions and decomposition products, in this case found to inhabit mineral deposits .
- 9. Biomarker**- a compound used as an indicator of a biological state. In this case a biological substance used to indicate the presence of a mineral deposit.
- 10. Blind mineralization** – buried mineralization that shows no physical indication of its existence at the surface
- 11. Compound** – used synonymously with the term hydrocarbon in this report
- 12. Compound chemical class** – a group of hydrocarbons that are similar in size, structure, and molecular weight such that their chemical characteristics, such as water solubility, partition coefficients, vapour pressures, etc. are similar
- 13. Cultural activities** – human initiated processes that may affect the physical and chemical characteristics at the earth's surface
- 14. Delineating targets**- indicate the position or outlines of an exploration target as a vertical projection of the target at depth.

- 15. Geochemical anomalies** – inorganic element or organic hydrocarbon measurements that are significantly different than the average low level measurements or background in a survey i.e. the needle in a haystack is an anomaly
- 16. Dispersion patterns** – the movement/ spreading of something. In this context the spatial arrangements of hydrocarbons caused by their movements to the surface from some depth.
- 17. Exploration tool** – a geological, geophysical or geochemical method that attempts to illustrate data in exploration activities that may indicate the presence of mineralization or petroleum plays.
- 18. Fit for purpose**- this method is ideal for its intended use.
- 19. Forensic signature**- a grouping or pattern found to identify a substance having multiple characteristics with a high degree of specificity.
- 20. High specificity**- as in being very specific to the mineralization.
- 21. Anomalies**- this is the spatial representation of data that illustrates a high or low response as well as the combined spatial shape of anomalous data from several neighbouring samples in a survey that can form anomalies described as Rabbit-Ear, Halo, Segmented-halo, nested-halo, etc.
- 22. Inorganic geochemistry** – the measurement of inorganic elements in a survey of near surface samples as a tool for exploration
- 23. Data leveling** – a technique that attempts to normalize the data sets obtained between two or more sampling programs. The results of data leveling is always considered as an approximation.
- 24. Lithologies**- the characteristics and classifications of rock.
- 25. Locations**- the physical/ geographical position or coordinates of samples in a survey.
- 26. Noise**- interference in a measurement which is independent of the data signal.
- 27. Nugget effect**- Anomalously high precious metal assays resulting from the analysis of samples that may not adequately represent the composition of the bulk material tested due to non-uniform distribution of high-grade nuggets in the material to be sampled. (Webster’s online dictionary)
- 28. Organic geochemistry**- the Soil Gas Hydrocarbon geochemistry (SGH), or now more accurately named as Spatiotemporal Geochemical Hydrocarbons, is the analysis to detect specific organic, or carbon based, hydrocarbon compounds in a sample. The Organo-Sulphur Geochemistry (OSG) is the analysis to detect specific organic compounds that have sulphur joined to carbon in its molecular structure.
- 29. Percent Coefficient of Variation (%CV)** – a measure of data variability
- 30. Project maintenance** – an activity where the associated cost is applied to the exploration, advancement, and/or operation of activities associated with a particular claim
- 31. Rating**- a value given to the overall confidence in the SGH results
- 32. Real (in relation to data)**- any rational or irrational number
- 33. Reporting Limit** – minimum concentration of an analyte that can be accurately measured for a given analytical method.
- 34. Sample matrix**- the components of a sample other than the analyte.
- 35. Sample type** – soil, till, humus, lake bottom sediment, sand, snow, etc.
- 36. Semi-quantitative**- yielding an approximation of the quantity or amount of a substance
- 37. SGH anomalies** (“Apical”, “Nested-Halo”, and “Rabbit-Ear” or “Halo”)
- 38. SGH Pathfinder** (class map/compounds)

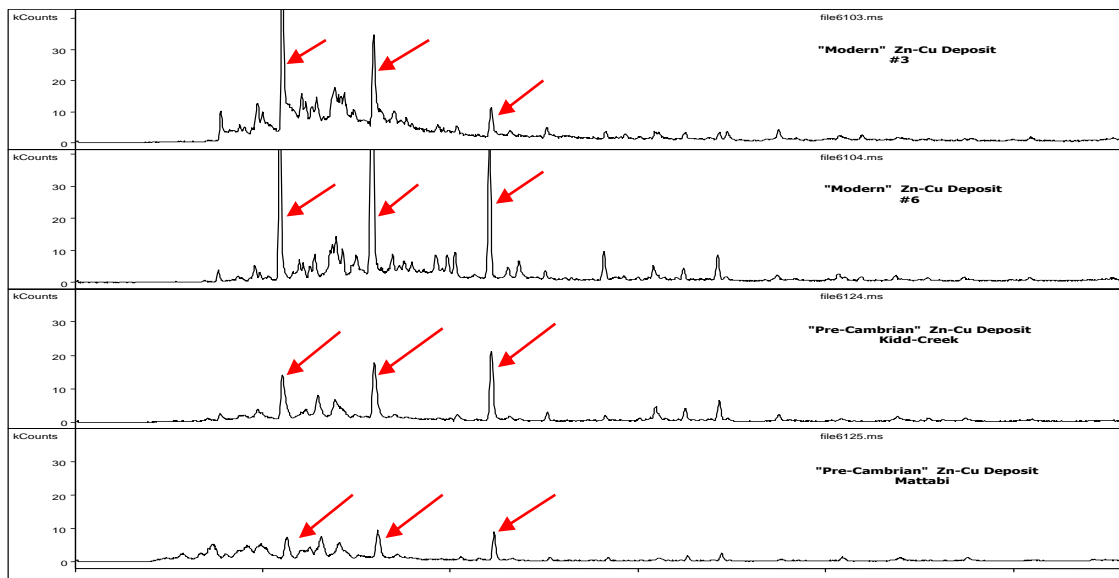
- 39.SGH template** – a set of hydrocarbon classes that together form a geochemical signature that has been associated with the presence of a particular type of mineralization the majority of the time
- 40.Surficial bound hydrocarbons** –
- 41.Surficial samples-** a sample from near the earth’s surface.
- 42.Survey-** the area, position, or boundaries of a region to be analyzed, as set out by the client.
- 43.Project-** a planned undertaking
- 44.Transect-** A straight line or narrow section through an object or across a section of land.
- 45.Target-** Target refers to the ore body of interest
- Target signature:** the unique characteristics that identify the target.
- Target type:**  
i.e. Gold, Nickel, Copper, Uranium, SEDEX, VMS, Lithium Pegmatites, IOCG, Silver, Ni-Cu-PGE, Tungsten, Polymetallic, Kimberlite as well as Coal, Oil and Gas.
- 46.Threshold-** level or point at which data is accepted as significant or true.
- 47.Total measurement error-** An estimate of the error in a measurement. Based on either limitation of the measuring instruments or from statistical fluctuations in the quantity being measured.
- 48.Visible (in terms of signature)-** the portion shown in a chart or map

## APPENDIX "B"

### EXAMPLE OF AN SGH FORENSIC GEOCHEMICAL SIGNATURE EXAMPLE SHOWN FOR A VMS TARGET

The following analyses examine the Volcanic Massive Sulphide (VMS) deposit in various known locations. These analyses show how the gas chromatography indicates the reality of deposits. For all the profiles in this section, the red arrows indicate the signature of the VMS, which have all been found by organic geochemistry. These forensic geochemical signatures are shown to be consistent for similar target areas; therefore, the analyses are reliable indicators for the presence of VMS.

One of the first experiments in 1996 in the development of the SGH analysis was to observe if an SGH response could be obtained directly from an ore sample. From office shelf specimens, small rock chips were obtained which were then crushed and milled. The fine pulp obtained was then subjected to the SGH analysis. These shelf specimen samples were from well known VMS deposits of the Mattabi deposit from the Archean Sturgeon Lake Camp in Northwestern Ontario and from the Kidd Creek Archean volcanic-hosted copper-zinc deposit. Even these specimen samples contain a geochemical record of the hydrocarbons produced by the bacteria that had been feeding on these deposits at depth. As a comparison, SGH analysis were similarly conducted on modern-day VMS ore samples taken from a "black smoker" hydrothermal volcanic vent from the deep sea bed of the Juan de Fuca Ridge where high concentrations of microbial growth was also known to exist. The raw data profiles as GC/MS Total Ion Chromatograms are shown below to illustrate the "visible" portion of the VMS signature obtained from the SGH analysis.

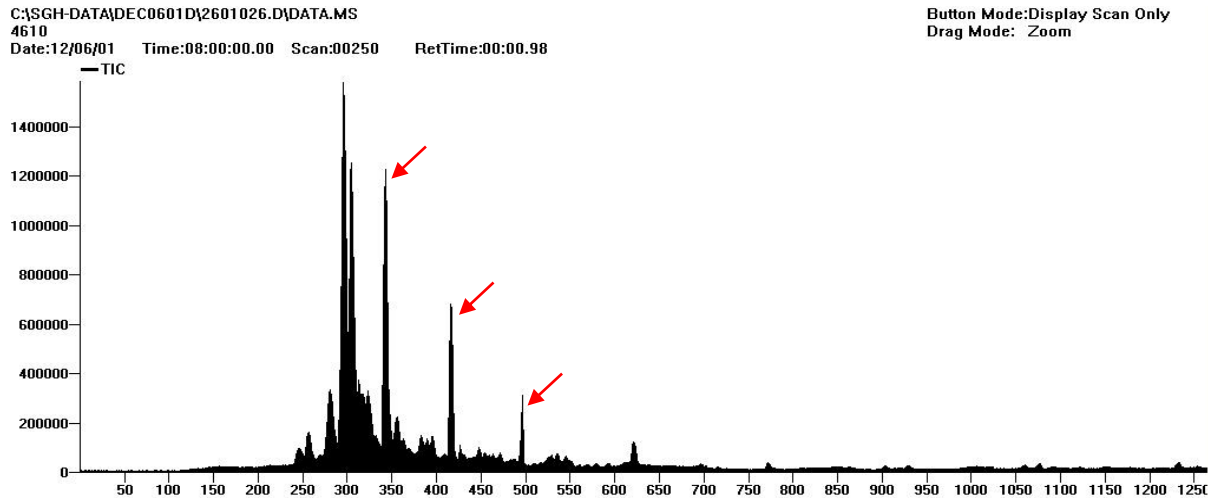


The above profiles are:

- First profile: Samples from modern day "black smokers"
- Second profile: Samples from modern day "black smokers"
- Third profile: Samples from Pre-Cambrian Zn-Cu Kidd Creek deposit
- Fourth profile: Samples from Mattabi deposit

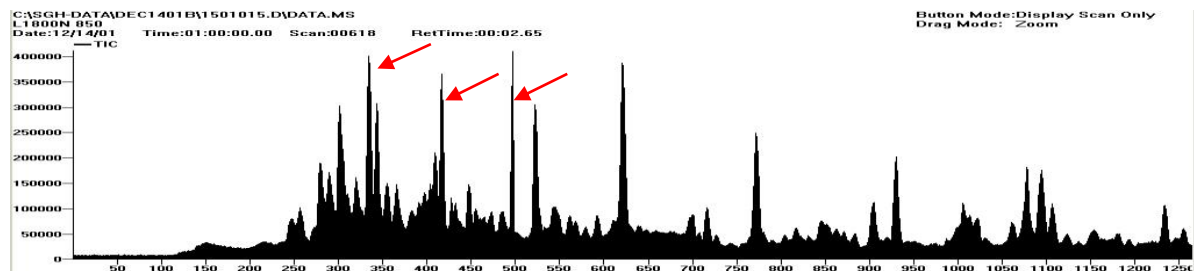
The red arrows point to three compounds that are a *portion* of the SGH signature for VMS type deposits. This visible portion of the VMS signature of hydrocarbons can easily be seen in the analysis of each of these four samples.

The next question in our early objectives was to see if this SGH signature could also be observed in *surficial soil samples* that had been taken over VMS deposits. Through our research projects, soil samples were obtained from over the Ruttan Cu-Zn VMS deposit near Leaf Rapids, Manitoba and located in the Paleoproterozoic Rusty Lake greenstone belt. The profile obtained, as observed in the raw GC/MS chromatogram, is shown in this next image below:



The three compounds indicated by the red arrows represent the same *visible portion* of the VMS signature observed from the modern day black smoker samples and the ore samples taken from the Matabi and Kidd Creek, even though this soil was taken from over a different VMS deposit in a geographically different area. Is this coincidence?

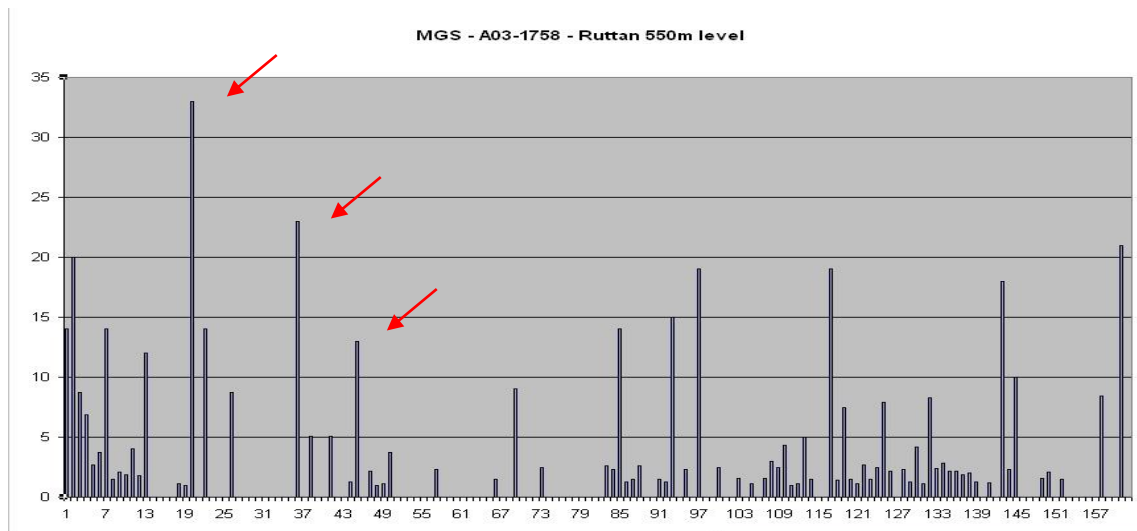
Another soil sample was obtained from Noranda's Gilmour South base-metal occurrence in the Bathurst Mining camp in northern New Brunswick. As shown below, this sample contained a very complex SGH signature, however the visible portion of the VMS signature as indicated by the red arrows is still observed as in the black smoker, Matabi and Kidd Creek ore samples.



In research conducted by the Ontario Geological Survey, this same portion of the SGH signature was also observed over the VMS deposit at Cross Lake in Ontario. **Note that the visible signature shown as the three compounds indicated by the red arrows is only a small portion of the**

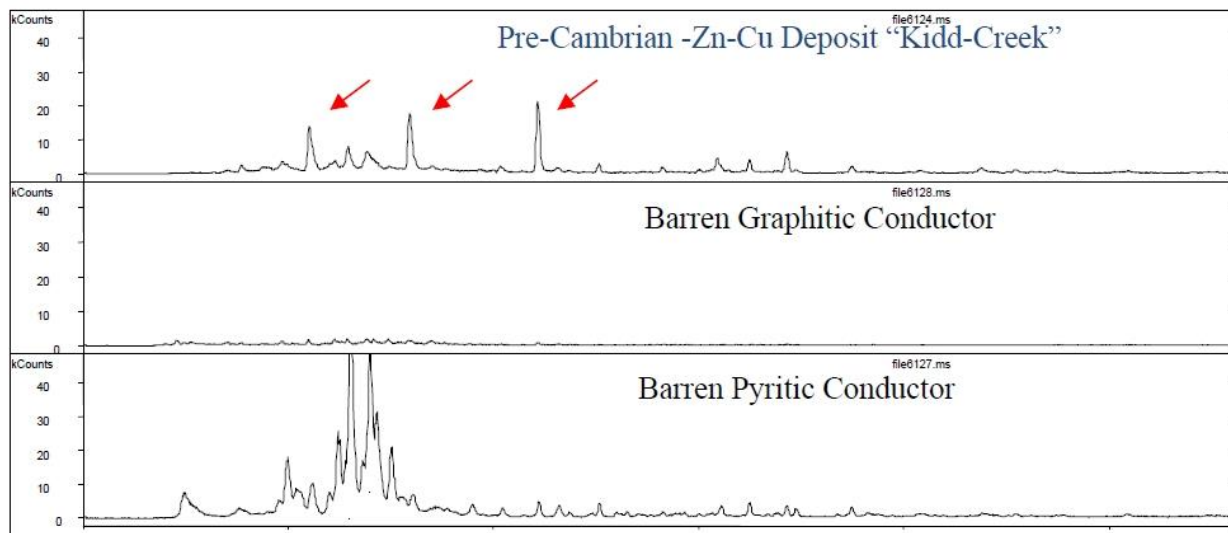
**complete SGH VMS signature.** The full VMS signature is made up of at least three groups, as three organic chemical classes, that together contain at least 35 of the individual SGH hydrocarbons.

The chromatograms shown on the preceding page from the GC/MS analysis are not used directly in the interpretation of SGH data. As we are only interested in a specific list of 162 hydrocarbons, the mass spectrometer and associated software programs specifically identifies the hydrocarbons of interest, runs calculations using relative responses to a short list of hydrocarbons used as standards, and develops an Excel spreadsheet of semi-quantitative concentration data to represent the sample. Thus the SGH results for a sample, like that observed in ore from the Ruttan, are filtered to obtain the concentrations for the specific 162 hydrocarbons. A simple bar graph drawn from the Excel spreadsheet of the hydrocarbons and their concentrations results in a DNA like *forensic SGH signature* as shown below. The portion discussed here as the "visible" SGH VMS signature in the GC/MS chromatograms, is again shown by the red arrows.



Through the work done in the SGH CAMIRO research projects, it was observed that the hydrocarbon signature produced by the SGH technique appeared to also be able to be used to differentiate barren from ore-bearing conductors. This was explored further through the submission and analysis of specific specimen samples that represented a barren pyritic conductor and a barren graphitic conductor.

The GC/MS chromatograms from these two specimens are compared to that obtained from the Kidd-Creek ore as shown below. This diagram conclusively shows that the SGH signatures obtained from the two types of barren conductors are completely different than that obtained by SGH over VMS type ore. SGH is thus able to differentiate between ore-bearing conductors and barren conductors as **the Forensic SGH Geochemical signature is different.**



SGH has been described by the Ontario Geological Survey of Canada (OGS) as a “REDOX cell locator”. Many SGH surveys for Gold and other mineral targets can result in multiple types of anomalies, depending on the class of SGH compounds, even over the same target and in the same set of samples. Thus “Apical”, “Nested-Halo”, and “Rabbit-Ear” or “Halo” type SGH anomalies are all typically observed from the effect of REDOX cells that have developed over deposits. REDOX cells are also related to the presence of bacteriological activity.

The VMS template of SGH Pathfinder Classes uses low and medium weight classes of hydrocarbon compounds. Again, at least three Pathfinder Class group maps, associated with the SGH signature for VMS, must be present to begin to be considered for assignment of a good rating. The Pathfinder Class anomalies in these maps must logically concur and support a consistent interpretation in relation to the expected geochemical characteristics of the Pathfinder Class, for a specific area.

The interpretation development history for VMS SGH Pathfinder Class map(s) shown in this report is similar to the development history for other target types. The reader should not draw a conclusion that SGH is used only for sulphide based mineralization as some of the most intense SGH anomaly has been associated with Kimberlites where sulphides are essentially not present.



## **APPENDIX "C"**

### **SOIL GAS HYDROCARBON SURVEY DESIGN AND SAMPLING**

Sample Type and Survey Design: It is highly recommended that a *minimum* of 50 sample "locations" is preferred to obtain enough samples into background areas on both sides of *small* suspected targets (wet gas plays, Kimberlite pipes, Uranium Breccia pipes, veins, etc.). SGH is not interpreted in the same way as inorganic based geochemical method. SGH must have enough samples over both the target and background areas in order to fully study the dispersion patterns or geochromatography of the SGH classes of compounds. Based on our minimum recommendation of at least 50 sample locations we further suggest that all samples be *evenly spaced* with about one-third of the samples over the target and one-third on each side of the target in order for SGH to be used for exploration. Targets other than gas plays, pipes, dykes or veins usually require additional samples to represent both the target and background areas.

SGH has been shown to be very robust to the use of different sample types even "within" the same survey or transect. Research has illustrated that it is far more important to the ultimate interpretation of the results to take a complete sample transect or grid than to skip samples due to different sample media. The most ideal natural sample is still believed to be soil from the "Upper B-Horizon", however excellent results can also be obtained from other soil horizons, humus, peat, lake-bottom sediments, and even snow. The sampling design is suggested to use evenly spaced samples from 15 metres to 200 metres and line spacing from 50 metres to 500 metres depending on the size and type of target. A 4:1 ratio is suggested, however, larger orientation surveys have also been successful. Ideally even large grids should have one-third of the samples over the target and two-thirds of the samples into anticipated background areas. This will allow the proper assessment of the SGH geochromatographic vectoring and background site signature levels with minimal bias. Individual samples taken at significant distances from the main survey area to represent background are not of value in the SGH interpretation as SGH results are not background subtracted. Samples can be drip dried in the field and do not need special preservation for shipping and has been specifically designed to avoid common contaminants from sample handling and shipping. SGH has also been shown to be robust to cultural activities even to the point that successful results and interpretation has been obtained from roadside right-of-ways. In conclusion, the conditions for the sample type and survey design include:

- Fist sized samples are retrieved from a shallow dug hole in the 15-40 cm range of depth.
- Different sample types can be taken even "within" the same survey or transect, data leveling is rarely ever required. SGH is highly effective in areas of very difficult terrain. The Golden Rule is to always take a sample.
- Samples should be evenly spaced in a grid or a series of transects with sample lines spaced at a ratio of up to 4:1 (line spacing: sample spacing).
- A minimum of 50 sample "locations" is recommended with one-third over the target and one-third on each side of the target into background if this can be predicted. This provides the opportunity of optimal data contrast.
- If very wet, samples can be drip dried in the field.
- No special preservation is required for shipping.

## **APPENDIX "D"**

### **SAMPLE PREPARATION AND ANALYSIS**

Upon receipt at Activation Laboratories the samples are air-dried in isolated and dedicated environmentally controlled rooms set to 40°C. The dried samples are then sieved. In the sieving process, it is important that compressed air is not used to clean the sieves between samples as trace amounts of compressor oils "may" poison the samples and significantly affect some target signatures. Solvents such as Acetone, Methanol, and Hexane cannot be used at any time for cleaning sample containers or sampling apparatus ie. Cleaning sieves between samples. The use of solvents at this time severely reduces the response of the hydrocarbons measured. At Activation Laboratories a vacuum is used to clean the sieve between each sample. The -80 mesh sieve fraction (<177 microns, although different mesh sizes can be used at the preference of the exploration geologist) is collected and packaged in a Kraft paper envelope and transferred from our sample preparation department to our Organics Geochemical department also in our World Headquarters in Ancaster, Ontario, Canada. Each sample is then extracted, separated by gas chromatography and analyzed by mass spectrometry using customized parameters enabling the highly specific detection of the 162 targeted hydrocarbons at a *reporting limit* of one part-per-trillion (ppt). This trace level limit of reporting is critical to the detection of these hydrocarbons that, through research, have been found to be related at least in part to the breakdown and release of hydrocarbons from the death phase of microbes directly interacting with a deposit at depth. The hydrocarbon signatures are directly linked to the deposit type, which is used as a food source. The hydrocarbons that are mobilized and metabolized by the microbes are released in the death phase of each successive generation. Very few of the hydrocarbons measured are actually due to microbe cell structure, or hydrocarbons present or formed in the genesis of the deposit or from anthropogenic contamination. The results of the SGH analysis is reported in raw data form in an Excel spreadsheet as "semi-quantitative" concentrations without any additional statistical modification.

## **APPENDIX "E"**

### **SGH DATA QUALITY**

#### **Reporting Limit**

The SGH Excel spreadsheet of results contains the raw unaltered concentrations of the individual SGH compounds in units of "part-per-trillion" (ppt). The reporting of these ultra low levels is vital to the measurement of the small amounts of hydrocarbons now known to be leached/metabolized and subsequently released by dead bacteria that have been interacting with the ore at depth. To ensure that the data has a high level of confidence, a "reporting limit" is used. The reporting limit of 1 ppt actually represents a level of confidence of approximately 5 standard deviations where SGH data is assured to be "real" and non-zero. Thus in SGH the use of a reporting limit automatically removes site variability, and there is no need to further background subtract any data as the reporting limit has already filtered out any site background effects. Thus we recommend that all data that is equal to or greater than 2 ppt should be used in any data review. It is important to review all SGH data as low values that may be the centre of halo anomalies and higher values as apical anomalies or as halo ridges are all important.

#### **Laboratory Replicate Analysis**

A laboratory replicate is a sample taken randomly from the submitted survey being analyzed and are not unrelated samples taken from some large stockpile of bulk material. In the Organics laboratory an equal portion of this sieved sample, or pulp, is taken and analyzed in the same manner using the Gas Chromatography/Mass Spectrometer. The comparison of laboratory replicate and field duplicate results for chemical tests in the parts-per-million or even parts-per-billion range has typically been done using an absolute "relative percent difference (RPD)" statistic which is an easy proxy for error estimation rather than a more complete analysis of precision as specified by Thompson and Howarth. An RPD statistic is not appropriate for SGH results as the reporting limit for SGH is *1 part-per-trillion*. Further, *SGH is a semi-quantitative technique* and was not designed to have the same level of precision as other less sensitive geochemistry's as it is only used as an exploration tool and not for any assay work. SGH is also designed to cover a wide range of organic compounds with an unprecedented 162 compounds being measured for each sample. In order to analyze such a wide molecular weight range of compounds, sacrifices were made to the variability especially in the low molecular weight range of the SGH analysis. The result is that the first fifteen SGH compounds in the Excel spreadsheet is expected to exhibit more imprecision than the other 147 compounds. An SGH laboratory replicate is a large set of data for comparison even for just a few pairs of analyses. Precision calculations using a Thompson and Howarth approach should only be used for estimating error in individual measurements, and not for describing the average error in a larger data set. In geochemical exploration geochemists seek concentration patterns to interpret and thus rigorous precision in individual samples is not required because the concentrations of many samples are interpreted collectively. For these reasons recent and independent research at Acadia University in Canada promote that a percent Coefficient of Variation (%CV) should be used as a universal measurement of relative error in all geochemical applications. As SGH results are a relatively large data set for nearly all submissions, %CV is a better statistic for use with SGH. By using %CV, the concentration of duplicate pairs is irrelevant because the units of concentration cancel out in the formation of the coefficient of variation ratio. For SGH, the %CV is calculated on all values  $\geq 2$  ppt. These values are averaged and represent a value for each pair of replicate analysis of the sample. All of the %CV values for the replicates are then averaged to

report one %CV value to represent the overall estimate of the relative error in the laboratory sub-sampling from the prepared samples, and any instrumental variability, in the SGH data set for the survey. Actlabs' has successfully addressed the analytical challenge to minimize analytical variability for such a large list of compounds. Thus as SGH is also interpreted as a signature and is solely used for exploration and not assay measurement, the data from SGH is "*fit for purpose*" as a geochemical exploration tool.

### **Historical SGH Precision**

In the general history of geochemistry, studies indicate that a large component of total measurement error is introduced during the collection of the initial sample and in sub-sampling, and that only a subordinate amount of error in the result is introduced during preparation and analysis. A historical record encompassing many projects for SGH, including a wide variety of sample types, geology and geography, shows that the consistency and precision for the analysis of SGH *is excellent* with an overall precision of 6.8% Coefficient of Variation (%CV). When last calculated, this number had a range of a maximum of 12.4% CV, a minimum of 3.0% CV, with a standard deviation of 1.6%, in a population made up of over 400 targets (over 45,000 samples) interpreted since June of 2004. Again the precision of 6.8% CV included all of the sample types as soil from different horizons, peat, till, humus, lake-bottom sediments, ocean-bottom sediments, and even snow. When field duplicates have been revealed to us, we have found that the precision of the field duplicates are in the range of about 9 to 12 %CV. As SGH is interpreted using a combination of compounds as a chemical "class" or signature, the affect of a few concentrations that may be imprecise in a direct comparison of duplicates is not significant. Further, projects that have been re-sampled at different times or seasons are expected to have different SGH concentrations. The SGH anomalies may not be in exactly the same position or of the same intensity due to variable conditions that may have affected the dispersion of different pathfinder classes. However, the SGH "signature" as to the presence of the specific mix of SGH pathfinder classes will definitely still exist, and will retain the ability to identify the deposit type and vector to the same target location.

# APPENDIX "F"

## SGH DATA INTERPRETATION

### SGH Interpretation Report

All SGH submissions must be accompanied by relative or UTM coordinates so that we may ensure that the sample survey design is appropriate for use with SGH, and to provide an SGH interpretation with the results. In our interpretation procedure, we separate the results into 19 SGH sub-classes. These classes include specific alkanes, alkenes, thiophenes, aromatic, and polyaromatic compounds. Note that none of the SGH hydrocarbons are "gaseous" at room temperature and pressure. The classes are then evaluated in terms of their geochromatography and for coincident compound class anomalies that are unique to different types of mineralization. Actlabs uses a six point scale in assigning a subjective rating of similarity of the SGH signatures found in the submitted survey to signatures previously reviewed and researched from known case studies over the same commodity type. Also factored into this rating is the appropriateness of the survey and amount of data/sample locations that is available for interpretation. This rating scale is described in detail in the following section.

### SGH PATHFINDER CLASS MAGNITUDE

The magnitude of any individual concentration or that of a hydrocarbon class *does not imply* that the data is of more importance or that mineralization is of higher quantity or grade. SGH interpretation must use the review of the combination of specific hydrocarbon classes to make any interpretation.

### GEOCHEMICAL ANOMALY THRESHOLD VALUE

In the interpretation of "inorganic" geochemical data one of the determinations to be made is to calculate a "Threshold" value above which data is considered anomalous. This is done on an element by element basis. In the interpretation of this "organic" geochemical data this determination is done differently. The determination of a threshold value is not calculated for each hydrocarbon compound. The determination of a threshold value is also a concentration below which geochemical data is considered as "noise" for the purposes of geochemical interpretation. As discussed, SGH uses a "Reporting Limit" instead of some type of Detection Limit. The amount of noise that is already eliminated in the data, as below the Reporting Limit of 1 part-per-trillion (shown in the data spreadsheet as "-1" as "not-detected at a Reporting Limit of 1 ppt") is equivalent to approximately 5 standard deviations of variability. *To thus calculate an additional Threshold Value is a loss of real and valuable data.* Further, in the interpretation of SGH data, individual compounds are not considered (unless explicitly mentioned in the report). The interpretation of SGH data is exclusively conducted by "compound chemical class" which is the sum of four to fourteen individual hydrocarbons in the same organic chemical class as these compounds naturally have the same chemical properties that ultimately define their spatial dispersion characteristics in their rise from a mineral target through the overburden. This combined class is more reliable than the measurement of any one compound. SGH also eliminates the need for a Threshold value determination above the Reporting Limit due to the "high specificity" of the specific hydrocarbons and the classes they form. Each of the hydrocarbons has been hand selected due to their lower probability of being found in general surface soils. Further, only those classes where the majority of the compounds are detected above the Reporting Limit are considered in the interpretation. This defines the SGH geochemistry as having less geochemical noise due to the use of a reporting limit and as having higher confidence in the use of groups (classes) of data instead of

individual compounds. However the most important aspect of interpretation is the use of a forensic signature. At least three specific "Pathfinder" classes, based on the combinations or template of classes we have developed, must be present to define the hydrocarbon signature to confidently predict the presence of a specific type of mineral target. *Do not calculate another Threshold value.* **Fact:** It has been proven many times that important SGH anomalies that depict mineralization at depth can exist even with data at 3 ppt.

## **Mobilized Inorganic Geochemical Anomalies**

It is important to note that SGH is essentially "blind" to any inorganic content in samples as only *organic* compounds as hydrocarbons are measured. Thus inorganic geochemical surface anomalies that have migrated away from the mineral source, and thus may be interpreted and found to be a false target location, is not detected and does not affect SGH results. This fact is of great advantage when comparing the SGH results to inorganic geochemical results. If there is agreement in the location of the anomalies between the organic and inorganic technique, such as Actlabs' Enzyme Leach, a significant increase in confidence in the target location can be realized. If there is no agreement or a shift in the location of the anomalies between the techniques, the inorganic anomaly may have been mobilized in the surficial environment.

## **The Nugget Effect**

As SGH is "blind" to the inorganic content in the survey samples, any concern of a "nugget effect" will not be encountered with SGH data. A "nugget effect" may be of a concern for other inorganic geochemical methods from surveys over copper, gold, lead, nickel, etc. type targets.

## **SGH DATA LEVELING**

The combination of SGH data from different field sampling events has rarely required leveling in order to combine survey grids. The only circumstances that have occasionally required leveling has been the combination of samples that are very fine in texture, thus having a combined large surface area to samples of peat that may be in nearby areas. Even after maceration of the peat and in using the maximum size of sample amenable to this test method, peat samples have a significantly lower surface area. Peat samples have only required leveling in one survey in the last 500 SGH interpretations.

In only the last year it has been observed that SGH data *may* require leveling when different field sampling events have significantly different soil temperature. It has been documented that only when "soil" samples are taken from "frozen" ground that data leveling may be required as frozen sample act as a frozen cap to the hydrocarbon flux and may collect a higher concentration of hydrocarbon compounds compared to sampling during seasons where the samples are not frozen. Only two surveys have required leveling in the last 500 SGH interpretations.

The author has taken introductory training in the leveling of geochemical data. If leveling is required, both data sets are reviewed in terms of maximum, minimum and average values for each SGH Pathfinder Class intended for use in the interpretation. Data is sectioned into quartiles and each section is assigned specific leveling factors that are then applied to one data set. It should be noted that any type of data leveling is an approximation.

## **APPENDIX "G"**

### **SGH RATING SYSTEM DESCRIPTION**

To date SGH has been found to be successful in the depiction of buried mineralization for Gold, Nickel, VMS, SEDEX, Uranium, Cu-Ni-PGE, IOCG, Base Metal, Tungsten, Lithium, Polymetallic, and Copper, as well as for Kimberlites, Coal Seam, Wet Gas and Oil Plays. SGH data has developed into a dual exploration tool. From the interpretation, a vertical projection of the predicted location of the target can be made as well as a statement on the rating of the comparability of the identification of the anticipated target type to that from known case studies, as an example: if the client anticipates the target to be a Gold deposit, what is the rating or comparability that the target is similar to the SGH results over a Gold deposit in Nunavut, shear hosted and sediment hosted deposits in Nevada, or Paleochannel Gold mineralization in Western Australia.

- **A rating of "6"** is the highest or best rating, and means that the SGH classes most important to describing a Gold related hydrocarbon signature are all present and consistently vector to the same location with well defined anomalies. To obtain this rating there also needs to be other SGH classes that when mapped lend support to the predicted location.
- **A rating of "5"** means that the SGH classes most important to describing a Gold signature are all present and consistently describe the same location with well defined anomalies. The SGH signatures may not be strong enough to also develop additional supporting classes.
- **A rating of "4"** means that the SGH classes most important to describing a Gold signature are mostly present describing the location with well defined anomalies. Supporting classes may also be present.
- **A rating of "3"** means that the SGH classes most important to describing a Gold signature are mostly present and describe the same location with fairly well defined anomalies. Some supporting classes may or may not be present.
- **A rating of "2"** means that some of the SGH classes most important to describing a Gold signature are present but a predicted location is difficult to determine. Some supporting classes may be present
- **A rating of "1"** is the lowest rating, and means that one of the SGH classes most important to describing a Gold signature is present but a predicted location is difficult to determine. Supporting classes are also not helpful.

The SGH rating is directly and significantly affected by the survey design. Small data sets, especially if significantly <50 sample locations, or transects/surveys that are geographically too short *will automatically receive a lower rating no matter how impressive an SGH anomaly might be*. When there is not enough sample locations to adequately review the SGH class geochromatography, or when the sample spacing is inadequate, or if the spacing is highly variable such that it biases the interpretation of the results, then the confidence in the interpretation of any geochemistry is adversely affected. The SGH rating is not just a rating of the agreement between the SGH pathfinder classes for a particular target type; it is a rating of the overall confidence in the SGH results from this particular survey. The interpretation is only based on the SGH results without any information from other geochemical, geological or geophysical information unless otherwise specified.

### **HISTORY & UNDERSTANDING**

The subjective SGH rating system has been used since 2004 when Activation Laboratories started providing an SGH Interpretation Report with every submission for SGH analysis to aid our clients in understanding this organic geochemistry and ensuring that they obtain the best results for their

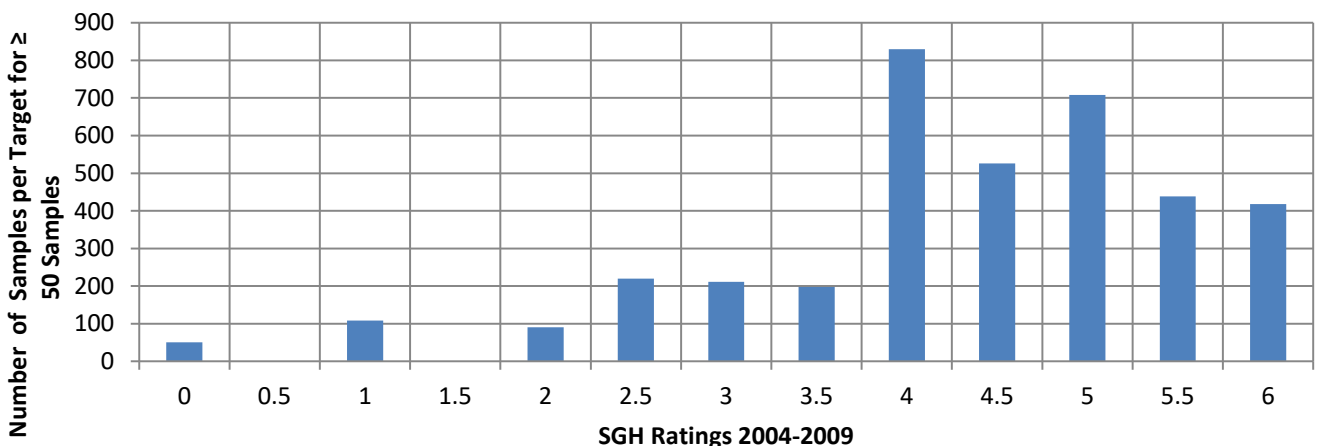
surveys. As explained in the previous section, the SGH rating is not just a rating of how definitive an SGH anomaly is, and it is not based just on the map(s) provided in this report. It is a rating of “confidence in the interpreted anomaly” from the combination of:

- (i) are the expected SGH Pathfinder Classes of compounds present from the template for this target type (one Pathfinder Class map is shown in the report, at least three must be present to adequately describe the correct signature for a particular target),
- (ii) how well do these SGH Pathfinder Classes agree in describing a particular area,
- (iii) how well does this agreement compare to SGH case studies over known targets of that type,
- (iv) how well is the interpreted anomaly defined by the survey (i.e. a single transect does not provide the same confidence as a complete grid of samples), and
- (v) is there at least a minimum of 50 sample locations in the survey so that there may be an adequate amount of data to observe the geochromatography of the different SGH Pathfinder Class of compounds.

The question often arises by clients as to the frequency of a rating, e.g. “how often is a rating of 5.0 given in an interpretation”. To better understand this we present this review of the history of the SGH rating program since 2004 and some of the underlying situations that can affect the historical rating charts. Originally it was recommended that a minimum of 35 sample location be used for small target exploration, however it was quite quickly realized that this is often insufficient and at least 50 sample locations were required. In 2007 the rating scale was refined to include increments of 0.5 units rather than just integer values from 0 to 6.

A rating frequency may be biased high as most clients conduct an orientation study over a known target, thus several of these projects result in high ratings. Note that, at this time, the rating is not said to be linked to grade of a deposit or depth to the target. Even in exploration surveys clients tend to submit samples over more promising targets due to knowledge of the geology and prior geochemical or geophysical results. As shown in the following chart, projects with SGH data from 200 or more sample locations have a higher level of confidence in the interpretation as the geochromatography of the SGH Pathfinder Classes of compounds can be more completely observed and reviewed.

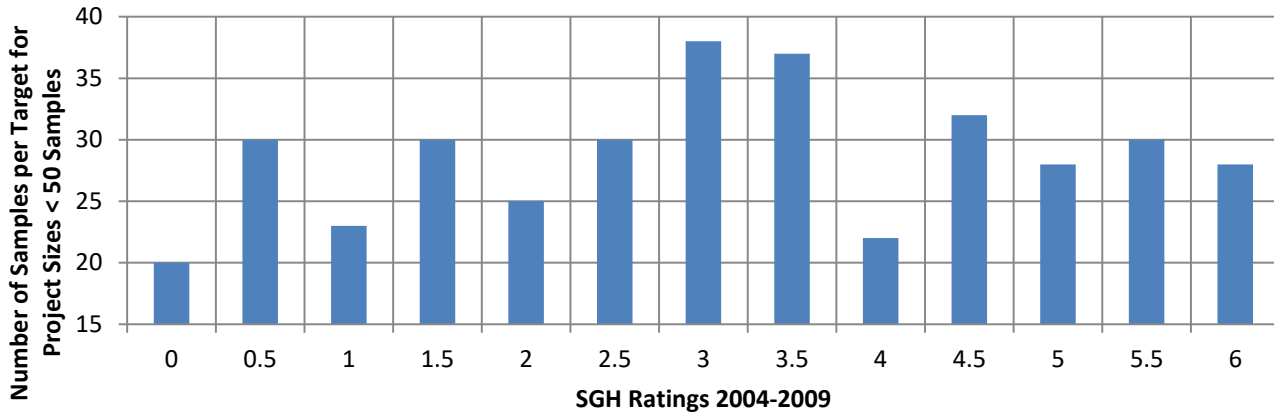
### SGH Ratings vs Number of Samples per Target for ≥ 50 Samples





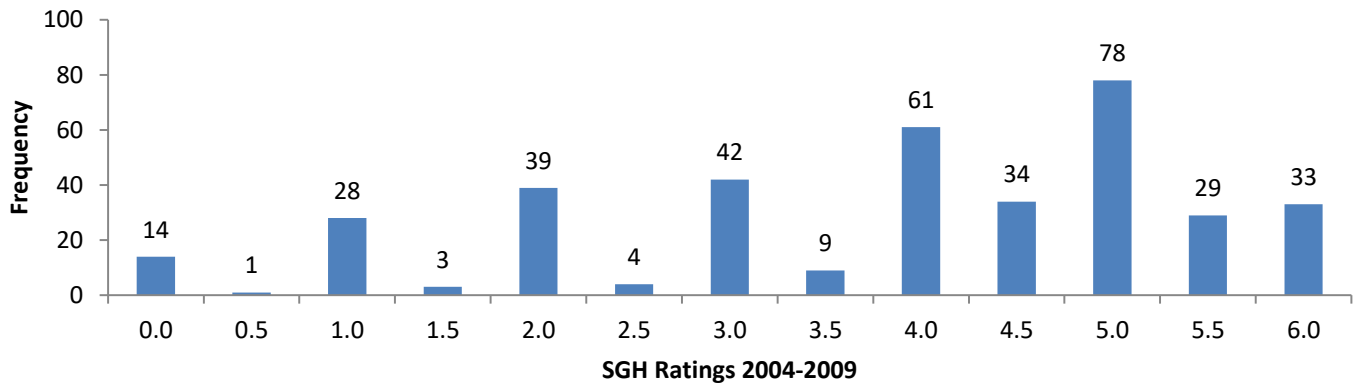
The rating frequency may be biased low as research projects often include a bare minimum of samples to reduce costs. Research projects may also be over targets known to be difficult to depict with geochemistry. Multiple targets in close vicinity in a survey may result in a low bias as the Pathfinder Class geochromatography is more difficult to deconvolute. Ratings may also be biased low if less than the recommended 50 sample locations are submitted as indicated by the following chart. This chart also illustrates that there is no interpretation bias to a particular rating value.

### SGH Ratings vs Number of Samples per Target for < 50 Samples

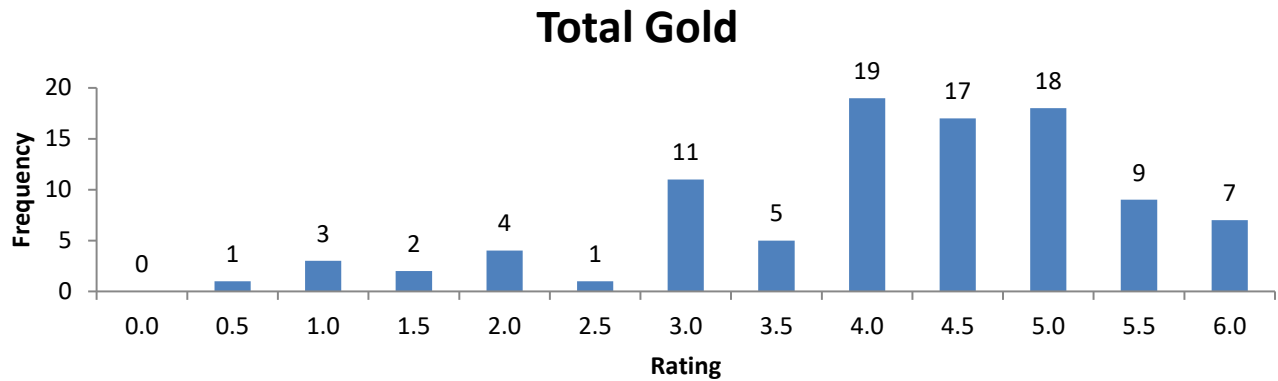


The overall rating frequency for over 400 targets from January 2004 to December 2009 is shown in the chart below illustrating that surveys over more promising targets are most often submitted for best use of research or exploration dollars. It also indicates that the 0.5 increments were less frequent as they started in 2007.

### SGH Rating History



More specific for SGH interpretation for Gold targets, the overall rating frequency for 97 targets from January 2004 to December 2009 is shown in the chart below that also illustrates that surveys over more promising Gold targets are most often submitted for best use of research or exploration dollars.



## APPENDIX "H"

**NOTE: THERE IS NEW PRICING FOR THE SGH GEOCHEMISTRY**

**SAMPLE PREPARATION:** CODE S4 - \$4.25 per sample

**INTERPRETATION FOR ONE COMMODITY TARGETS:** Included in the price of analysis of \$48.00 per sample

**INTERPRETATION FOR MULTI-COMMODITY TARGETS:** i.e. VMS, SEDEX, Polymetallic, IOCG, IOCGU, Cu-Au-Porphyry, etc. – add additional price of \$500 is applied to cover the additional time in interpretation.

**"ADDITIONAL INTERPRETATIONS": (\$ 500.00) - if within 60 days after delivery of the report.**

The SGH data can be interpreted multiple times in comparison to a variety of SGH templates developed for exploration for different mineral targets or petroleum plays. The samples do not have to be reanalyzed. This can be addressed as a separate section of a report or as a separate report based on the client's wishes. The price is per survey area, e.g. if there are two projects in a submission, perhaps a North area and South area, and both survey areas are to be interpreted for say Gold and Copper, the first interpretation is included in the SGH analysis price, the second interpretation for each area would be priced at \$1000 per area, thus a total of \$2000.

Sheet1

SPC Nickel Corp  
 Janes Property Project Area

SGH Units – ppt (Parts-per-trillion)

	SGH-Redox	SGH-Copper	SGH-Nickel
D831702	151.6	128.9	107.8
D831704	82.2	62.9	61.3
D831706	64.1	49.6	50.0
D831708	23.9	22.9	33.1
D831710	33.3	36.3	41.8
D831710-R	30.8	31.3	36.1
D831712	91.2	101.5	108.1
D831714	107.7	82.1	83.3
D831716	107.8	83.4	70.1
D831718	67.5	52.0	49.1
D831720	79.2	48.0	41.5
D831722	129.6	89.6	86.4
D831724	114.3	85.4	87.3
D831726	87.6	67.8	65.9
D831728	48.6	37.5	62.6
D831730	29.3	23.9	40.6
D831732	102.3	73.2	71.2
D831734	129.6	81.8	73.7
D831736	64.9	37.2	40.5
D831738	90.5	75.1	68.0
D831740	104.9	83.0	83.8
D831740-R	125.0	99.2	86.3
D831742	76.1	60.4	55.9
D831744	107.1	94.0	92.3
D831746	117.9	103.6	91.8
D831748	24.8	22.8	34.3
D831750	43.1	47.8	50.7
D831752	21.3	18.2	27.3
D831754	106.3	89.9	81.0
D831756	52.8	52.3	57.3
D831758	92.1	86.9	71.3
D831760	100.7	103.7	86.7
D831762	112.5	106.7	85.9
D831764	41.5	40.1	49.3
D831766	57.2	65.2	68.2
D831768	241.6	205.8	136.9
D831770	45.7	40.5	49.7
D831770-R	89.9	80.4	64.2
D831772	114.5	100.6	75.4
D831774	89.1	79.4	65.9
D831776	32.0	27.2	34.9
D831778	102.4	113.5	98.2
D831780	162.2	136.7	88.8
D831782	179.2	149.0	98.5
D831784	155.3	137.3	91.0
D831786	111.2	95.9	74.5
D831788	14.9	14.6	24.0

Sheet1

D831790	157.7	147.9	120.2
D831792	175.4	153.3	120.6
D831794	75.0	65.6	58.7
D831796	82.2	58.1	49.7
D831798	27.1	22.0	40.8
D831800	40.9	35.0	43.3
D831800-R	50.2	41.5	43.0
D831802	99.4	78.0	59.4
D831804	68.4	59.4	48.0
D831806	43.1	41.6	43.9
D831808	64.7	43.4	38.5
D831810	134.1	141.6	103.9
D831812	60.5	56.6	61.3
D831814	41.4	36.7	37.3
D831816	74.8	30.5	42.7
D831818	55.3	58.5	54.0
D831820	142.9	129.6	111.1
D831822	110.1	96.5	109.9
D831824	22.5	20.5	44.0
D831826	90.4	56.1	67.6
D831828	146.2	130.8	133.9
D831830	131.5	128.7	124.3
D831830-R	112.0	124.3	120.5
D831832	47.2	53.7	66.9

## Appendix 17. Expenditures and Invoices

Total expenditure claimed within this report is \$253,007.50. A breakdown is summarized in Table 1 below, with further details in tables 2-10. To accompany the summarized tables is a compiled list of receipts and invoices associated with the work conducted in 2021 on the Janes Property.

Table 1: Summary of Expenditures

Work Type	Work Subtype	Subtotal	Total	Summary Table
<b>Prospecting</b>			<b>3,822.44</b>	<b>2</b>
	Grass Roots Prospecting	3,822.44		
<b>Physical Work</b>			<b>1,524.21</b>	<b>3</b>
	Bedrock Pitting and Trenching (>1m3 and <3m3 in 200 m Radius)	-		
	Bedrock Pitting and Trenching (>3m3 in 200 m Radius)	-		
	Mechanized Stripping (<100m2 in 200 m Radius)	-		
	Mechanized Stripping (>100m2 in 200m Radius)	-		
	Manual Stripping	1,524.21		
	Manual work	-		
<b>Sampling Program</b>			<b>9,050.44</b>	<b>4</b>
	Bulk Sampling	-		
	Drill Core Sampling	9,050.44		
	Non-core Drill Sampling	-		
	Overburden Heavy Mineral Processing	-		
	Metallurgical Testing	-		
	Beneficiation	-		
	Industrial Mineral Testing	-		
	Dimensional Stone Removal	-		
	Other Sampling	-		
<b>Remote Sensing Imagery</b>			<b>0.00</b>	
	Imagery	-		
	LiDAR	-		
<b>Geological Survey Work</b>			<b>13,743.85</b>	<b>5</b>
	Geological Survey	13,743.85		
<b>Geochemical Survey Work</b>			<b>3,763.01</b>	<b>6</b>
	Geochemical Survey	3,763.01		
<b>Ground Geophysical Survey Work</b>			<b>7,500.00</b>	<b>7</b>
	Borehole Geophysics	7,500.00		
	Magnetics	-		
	Electromagnetics	-		
	Gravity	-		
	Induced Polarization	-		
	Magnetotellurics	-		
	Radiometrics	-		
	Resistivity	-		
	Seismic	-		
	Self-Potential	-		
	Other Ground Geophysics	-		
<b>Airborne Geophysical Survey Work</b>			<b>0.00</b>	

	Airborne Magnetics	-		
	Airborne Electromagnetics	-		
	Airborne Gravity	-		
	Airborne Radiometrics	-		
	Other Airborne Geophysics	-		
<b>Modelling or Reprocessing of Data</b>			<b>0.00</b>	
	Data Modelling	-		
	Data Reprocessing	-		
<b>Exploratory Drilling</b>			<b>137,407.50</b>	<b>8</b>
	Core Drilling	137,407.50		
	Non-core Drilling	-		
<b>Drill Core or Drill Sample Submissions</b>			<b>44,844.25</b>	<b>9</b>
	Drill Core Submission	44,844.25		
	Drill Sample Submission	-		
<b>Petrographic Work</b>			<b>0.00</b>	
	Microscopy	-		
	Scanning Electron Microscopy	-		
	Electron Microprobe Study	-		
	Other Petrographic Work	-		
<b>Environmental Baseline Study</b>			<b>0.00</b>	
	Environmental Baseline Study	-		
<b>Rehabilitation Required or Permitted Under the Act</b>			<b>0.00</b>	
	Rehabilitation	-		
<b>Associated Work types</b>			<b>31,351.80</b>	<b>10-13</b>
	Line Cutting	-		
	Assays	14,216.72		10
	Transportation	8,416.53		11
	Contractor Mobilization/Demobilization			
	Supplies	3,563.80		12
	Equipment Rental	-		
	Report/Map			
	Shipping of Samples	-		
	Food	-		
	Lodgings	-		
	Shipping of Supplies	-		
	Access Trail building	5,154.75		13
	Industrial Mineral Marketing	-		
<b>Aboriginal Consultation Costs</b>			<b>0.00</b>	
<b>Totals</b>			<b>Total Expenditures 253,007.50</b>	

Table 2: Summary of Grass Roots Prospecting Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Salaries for SPC employees	1-Jul-21	7-Oct-21	n/a	3,822.44		
<b>Total</b>				<b>\$ 3,822.44</b>		

Table 3: Summary of Manual Stripping Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Salaries for SPC employees	12-Aug-21	23-Aug-21	n/a	1,524.21		
<b>Total</b>				<b>\$ 1,524.21</b>		

Table 4: Summary of Drill Core Sampling Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Salaries for SPC employees	25-May-21	18-Jun-21	n/a	9,050.44		
<b>Total</b>				<b>\$ 9,050.44</b>		

Table 5: Summary of Geological Survey Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Salaries for SPC employees	1-Jul-21	7-Oct-21	n/a	13,743.85		
<b>Total</b>				<b>\$ 13,743.85</b>		

Table 6: Summary of Geochemical Survey Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Salaries for SPC employees - vegetation sampling	23-Jun-21	28-Jun-21	n/a	2,032.28		
Salaries for SPC employees - soil sampling	19-Oct-21	22-Oct-21	n/a	1,730.73		
<b>Total</b>				<b>\$ 3,763.01</b>		

Table 7: Summary of Borehole Geophysics Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Lamontagne Geophysics borehole EM survey	1-Aug-21	1-Aug-21	00004537	7,500.00	975.00	8,475.00
<b>Total</b>				<b>\$ 7,500.00</b>		

Table 8: Summary of Core Drilling Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Forage Geo-Nord core drilling	25-May-21	25-May-21	7	\$6,000.00	780.00	6,780.00



Forage Geo-Nord core drilling	3-Jun-21	3-Jun-21	9	\$14,680.00	1,908.40	16,588.40
Forage Geo-Nord core drilling	3-Jun-21	3-Jun-21	10	\$14,930.00	1,940.90	16,870.90
Forage Geo-Nord core drilling	7-Jun-21	7-Jun-21	11	\$11,385.00	1,480.05	12,865.05
Forage Geo-Nord core drilling	7-Jun-21	7-Jun-21	12	\$11,900.00	1,547.00	13,447.00
Forage Geo-Nord core drilling	11-Jun-21	11-Jun-21	13	\$13,022.50	1,692.93	14,715.43
Forage Geo-Nord core drilling	14-Jun-21	14-Jun-21	14	\$15,372.50	1,998.43	17,370.93
Forage Geo-Nord core drilling	16-Jun-21	16-Jun-21	15	\$16,577.50	2,155.08	18,732.58
Forage Geo-Nord core drilling	16-Jun-21	16-Jun-21	16	\$22,405.00	2,912.65	25,317.65
Forage Geo-Nord core drilling	17-Jun-21	17-Jun-21	17	\$11,135.00	1,447.55	12,582.55
<b>Total</b>				<b>\$ 137,407.50</b>		

Table 9: Summary of Drill Core Submission Expenditures

Description	Date		Invoice / Receipt Number	Cost	Gst	Total
	From	To				
Drill core submission to ALS	15-Jun-21	15-Jun-21	5550231	\$5,413.07	270.65	5,683.72
Drill core submission to ALS	24-Jun-21	24-Jun-21	5562278	\$6,488.52	324.43	6,812.95
Drill core submission to ALS	4-Jul-21	4-Jul-21	5568643	\$10,128.61	506.43	10,635.04
Drill core submission to ALS	8-Jul-21	8-Jul-21	5575139	\$8,112.68	405.63	8,518.31
Drill core submission to ALS	11-Jul-21	11-Jul-21	5578934	\$14,701.37	735.07	15,436.44
<b>Total</b>				<b>\$ 44,844.25</b>		

Table 10: Summary of Assay Expenditures

Description	Date		Invoice / Receipt Number	Cost	Gst	Total
	From	To				
Grab sample submission to ALS	8-Jun-21	8-Jun-21	5538000	\$897.84	44.89	942.73
Grab sample submission to ALS	5-Aug-21	5-Aug-21	5605541	\$430.99	21.55	452.54
Grab sample submission to ALS	6-Sep-21	6-Sep-21	5637818	\$2,458.84	122.94	2,581.78
Vegetation sample submission to ALS	27-Sep-21	27-Sep-21	5631581	\$3,580.10	179.01	3,759.11
Soil sample submission to SGS	21-Nov-21	21-Nov-21	0000022628	\$2,521.20	126.06	2,848.96
Soil sample submission to Actlabs	10-Dec-21	10-Dec-21	A21-20206	\$3,978.20	198.91	4,495.37
Grab sample submission to ALS	19-Dec-21	19-Dec-21	5741172	\$349.55	17.48	367.03
<b>Total</b>				<b>\$ 14,216.72</b>		

Table 11: Summary of Personal Transportation Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				

Truck rental for SPC Nickel Corp (58 days total)	27-May-21	22-Oct-21	51	7,569.00	1,131.00	8,700.00
Gas	31-May-21	1-Oct-21		847.53	126.64	974.17
<b>Total</b>				<b>\$ 8,416.53</b>		

Table 12: Summary of Supplies Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Best Buy (drilling/field work)	30-Mar-21	30-Mar-21	0439-4198-6684-5249	431.24	56.06	487.30
Spectrum Telecom (drilling/field work)	27-Apr-21	27-Apr-21	SBY011553	448.95	58.36	507.31
Canadian Tire (field work)	28-Apr-21	28-Apr-21	2244423640440	210.46	27.36	237.82
Deakin (field work)	30-Apr-21	30-Apr-21	041880	241.90	31.45	273.35
Exploration Services (drilling/field work)	7-May-21	7-May-21	80479	1,402.12	182.28	1,584.40
Canadian Tire (field work)	7-May-21	7-May-21	9105035912180	86.28	11.22	97.50
Colin Dunn Consulting Inc (field work)	19-May-21	19-May-21	107-21	240.00	12.00	252.00
Exploration Services (drilling)	10-Jun-21	10-Jun-21	81551	29.05	3.78	32.83
Exploration Services (drilling)	22-Jun-21	22-Jun-21	81911	136.95	17.80	154.75
Exploration Services (drilling/field work)	5-Jul-21	5-Jul-21	82254	113.50	14.76	128.26
Soucie Salo (drilling/field work)	13-Jul-21	13-Jul-21	3969867	31.02	4.03	35.05
Part Source (drilling)	27-Jul-21	27-Jul-21	591600	23.27	3.03	26.30
Canadian Tire (field work)	16-Aug-21	16-Aug-21	22	50.95	6.62	57.57
Canadian Tire (field work)	18-Oct-21	18-Oct-21	103	118.11	15.35	133.46
<b>Total</b>				<b>\$ 3,563.80</b>		

Table 13: Summary of Access Trail Building Expenditures

Description	Date		Invoice / Receipt Number	Cost	Hst	Total
	From	To				
Sturgeon Falls Brush trail brushing	12-Jul-21	12-Jul-21	J003248	5,154.75	770.25	\$5,925.00
<b>Total</b>				<b>\$ 5,154.75</b>		