ASSESSMENT WORK REPORT

DIAMOND DRILLING, ACCESS TRAIL ASSAYING AND ANALYSIS OF DRILL CORE

South Pond "B" Gold Zone
Great Burnt Project
Central Newfoundland

NTS 12A/08

UTM (Centre of property)
563500E, 5359600N NAD27, Zone 21

Licences 006683M, 009881M, 027013M
Licence Holder: Spruce Ridge Resources Ltd.

EXPENDITURES:
Licence 006683M $ 164,476.80
Licence 009881M $ 96,466.83
Licence 027013M $ 810,773.11

Author
Colin Bowdidge, Ph.D., P. Geo, (NL & ON)

July 28th, 2022

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INTRODUCTION

This report presents the results of a 3,047 metre diamond drilling campaign carried out by Spruce Ridge Resources Ltd on the South Pond "B" gold zone within the Great Burnt property, Central Newfoundland. This was the fourth major drill program carried out by Spruce Ridge on the project, and evidences the company's commitment to developing a viable mineral resource with near-term production potential.

This report describes the property, and gives a brief review of its geology, history and mineralization. The highlights of the 2021 drill program are given. Complete drill logs, cross sections and analytical data are given in appendices. The author, who supervised the drill program, logged the core and delineated sampling, is solely responsible for this report.

All UTM coordinates quoted use the NAD27 datum, zone 21 north.

PROPERTY, LOCATION AND ACCESS

The centre of the Great Burnt property is at 56°8'33" W, 48°23'11" N, or UTM 563500E/5359600N. It is located 74 kilometres southwest of Grand Falls-Windsor, the principal city of Central Newfoundland. Figure 1 shows the location.

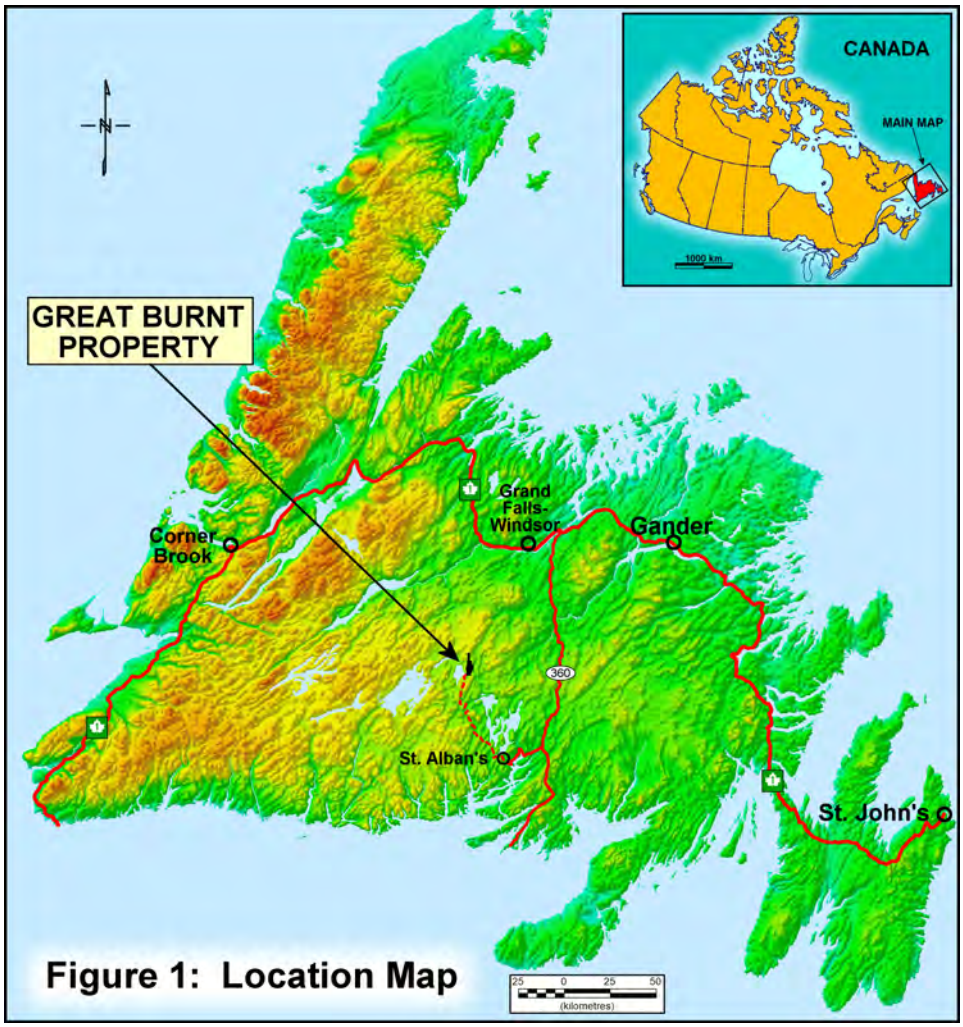


Figure 1: Location Map

Road access to the property from the Trans-Canada Highway requires travelling south for 127 km on Routes 360 and 361 to the town of St. Alban's near the head of Baie d'Espoir. From St. Alban's, a road constructed by Newfoundland & Labrador Hydro leads to the North Salmon Dam on Great Burnt Lake, a distance of 77 km. There is a road across the

North Salmon Dam, a control structure which is part of the Baie d'Espoir hydro development. NL Hydro has given permission for Spruce Ridge and its contractors to use the dam and provided a key to the gate, which is gratefully acknowledged.

The property comprises four mineral licenses and one Mining Lease with a combined area of 2,890 hectares, as shown in figure 2:

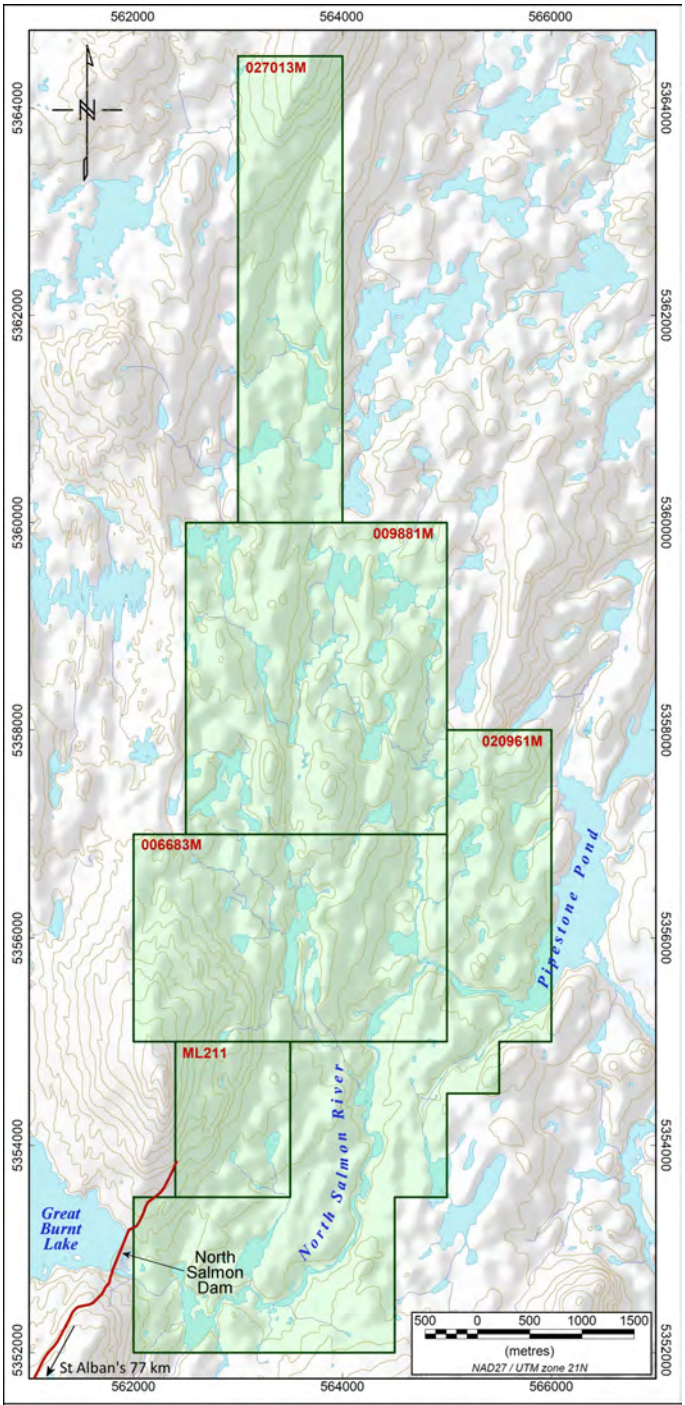


Figure 2: Great Burnt Mineral Licenses and Mining Lease

The property comprises four mineral licenses and one Mining Lease with a combined area of 2,890 hectares:

TENURE	AREA	REGISTERED HOLDER	EXPIRY DATE
ML211	165 Ha	Pavey Ark Minerals Inc.	2023-06-10
License 006683M	600 Ha	Spruce Ridge Resources Ltd.	2023-03-01
License 009881M	750 Ha	Spruce Ridge Resources Ltd.	2024-02-02
License 020961M	925 Ha	Spruce Ridge Resources Ltd.	2023-03-29
License 027013M	450 Ha	Spruce Ridge Resources Ltd.	2323-03-01

The property was acquired by Spruce Ridge from Pavey Ark Minerals Inc in 2015. Royalties of 2% and 0.5% of net smelter returns (NSR) are payable on production from ML211 and part of License 006683M to Glencore Canada Corporation and Pavey Ark Minerals Inc respectively. A 2% NSR royalty is payable to Pavey Ark on the remainder of the property.

HISTORY AND PREVIOUS WORK

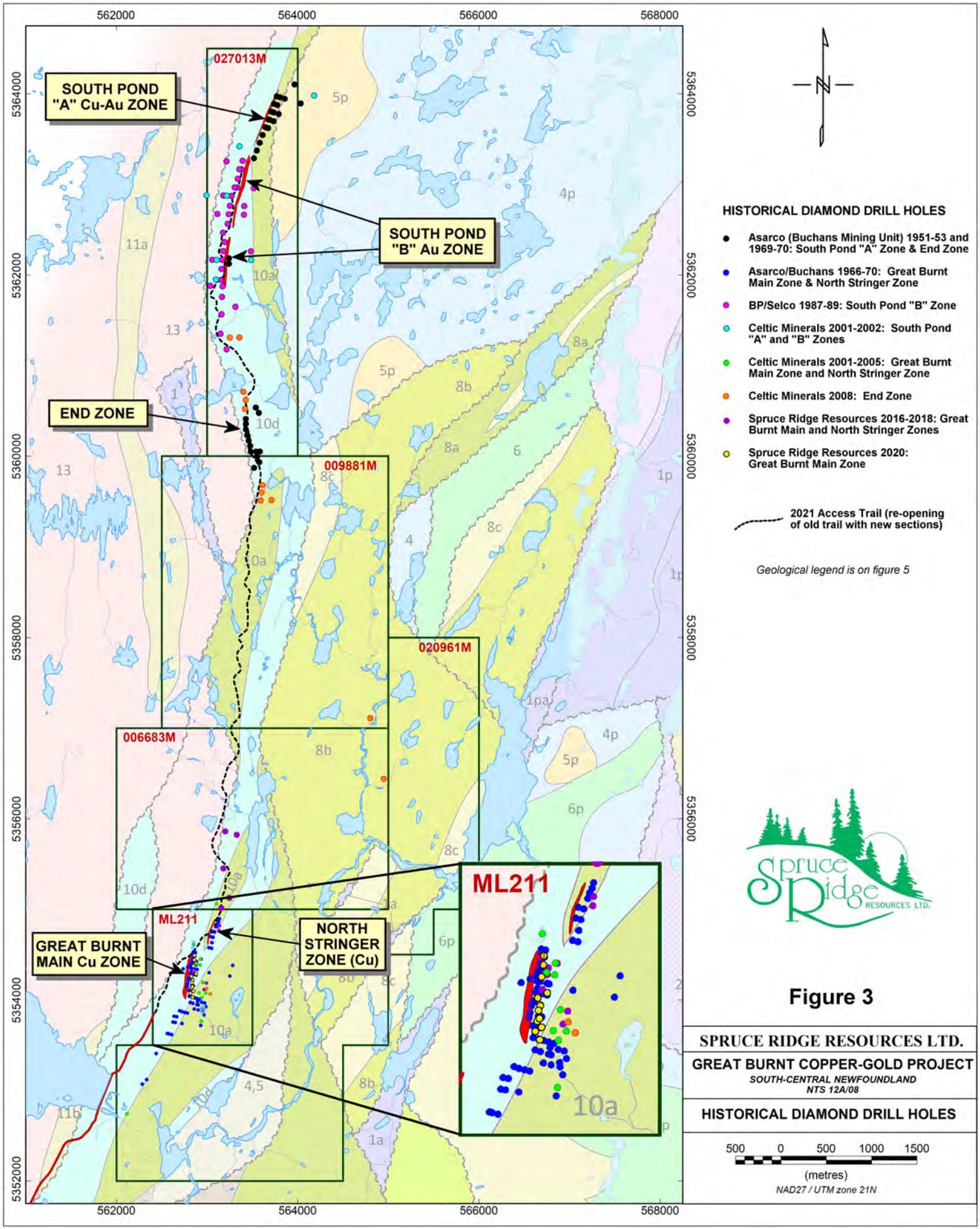
This brief review of the history of the Great Burnt property is a short description of the various drill programs carried out between 1951 and 2020. For more comprehensive historical account, including details of many ground and airborne geophysical surveys of the property, the reader may consult the 43-101 technical reports by Webster & Wolfson (2010) and Barry et al (2022). Figure 3 is a map showing all 287 holes with an aggregate of 40,288 metres drilled to date between Great Burnt and South Pond (not including the program described in this report).

The Great Burnt property has a history that stretches back to pre-Confederation times. In 1948, the Buchans Mining division of Asarco and the Anglo-Newfoundland Development Co acquired extensive concessions in Central Newfoundland. During the course of prospecting and reconnaissance-level geological mapping, copper mineralization was discovered near South Pond, in what we now refer to as the South Pond “A” Zone. Asarco/Buchans carried out an 11-hole, 1,991-metre drilling program between 1951 and 1953 to test the new discovery. In those days, Asarco had little or no interest in gold, and only assayed drill core for copper.

In 1966, prospecting by Asarco/Buchans, along trend to the south of the South Pond “A” Zone led to the discovery of the Great Burnt Main Zone copper deposit. This was aggressively drilled between 1966 and 1970, with 131 holes totalling 17,618 metres on the Main Zone and North Stringer Zone. They also returned to the South Pond area, drilling 4,260 metres in 39 holes between 1969 and 1970. Much of this later drilling was aimed at possible extensions of the South Pond “A” Zone, and on the “End Zone” - an area where numerous copper-bearing boulders had been located, although the source was never found (and has not been found to this date).

The Great Burnt property was acquired in 1976 by Abitibi-Price, whose main contribution was to analyse over a thousand of Asarco/Buchans archived soil samples for gold. This led to the recognition of an extensive gold-in-soil anomaly over what is now called the South Pond “B” Zone. The property was sold to BP Resources Canada in 1985. BP carried out a till geochemical survey over this gold anomaly, and this led to two diamond drilling programs in 1987 and 1989 with a total of 4,219 in 31 holes. The South Pond “B” Zone was partly delineated, although several holes were drilled off the trend, testing other geophysical features. BP also assayed archived drill core from the South Pond “A” Zone for gold, establishing this zone as a copper-gold resource.

In 1993, BP Resources Canada sold all of its Newfoundland holdings to Noranda. Noranda did little or no drilling on the Great Burnt property, although it carried out a series of geophysical surveys. In 1999, Noranda optioned the mining lease and one adjoining licence, to Celtic Minerals Inc., who also map-staked the entire South Pond trend. Celtic Minerals carried out prospecting over the End Zone, as well as a variety of geophysical surveys, including a gravity survey over part of the End Zone.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SOUTH POND "A" Cu-Au ZONE
SOUTH POND "B" Au ZONE
END ZONE
GREAT BURNT MAIN Cu ZONE
NORTH STRINGER ZONE (Cu)
HISTORICAL DIAMOND DRILL HOLES
Asarco (Buchans Mining Unit) 1951-53 and 1969-70: South Pond "A" Zone & End Zone
Asarco/Buchans 1966-70: Great Burnt Main Zone & North Stringer Zone
BP/Selco 1987-89: South Pond "B" Zone
Celtic Minerals 2001-2002: South Pond "A" and "B" Zones
Celtic Minerals 2001-2005: Great Burnt Main Zone and North Stringer Zone
Celtic Minerals 2008: End Zone
Spruce Ridge Resources 2016-2018: Great Burnt Main and North Stringer Zones
Spruce Ridge Resources 2020: Great Burnt Main Zone
2021 Access Trail (re-opening of old trail with new sections)
Geological legend is on figure 5
Spruce Ridge RESOURCES LTD.
Figure 3
SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT COPPER-GOLD PROJECT
SOUTH-CENTRAL NEWFOUNDLAND
NTS 12A/08
HISTORICAL DIAMOND DRILL HOLES
500 0 500 1000 1500
(metres)
NAD27 / UTM zone 21N

Celtic Minerals carried out a number of drill programs between 2001 and 2008:

- 2,412 metres in 11 holes on the Great Burnt Main Zone and the North stringer Zone between 2001 and 2005
- 1,240 metres in 2001-2002 on the South Pond “A” and “B” Zones
- 2,390 metres in 14 holes in the area of the End Zone and between the End and South Pond “B” Zones.

Celtic’s option agreement with Noranda expired some time after 2010.

Pavey Ark Minerals, a private company, purchased Noranda’s (now Glencore’s - Noranda’s successor company) mining lease and claims in 2015. Glencore retained a royalty. Pavey Ark also purchased Celtic’s remaining claims, Celtic having become inactive.

Pavey Ark Minerals sold the property to Spruce Ridge Resources Ltd. In 2015. In 2016-2018, Spruce Ridge carried out 3,040 metres of drilling in 21 holes on the Great Burnt Main Zone, the North stringer Zone and conductors from Celtic’s airborne survey, to the north of the North Stringer Zone. In 2020, Spruce Ridge drilled 22 holes totalling 3,117 metres, exclusively on infill and close stepout holes, on the Great Burnt Main Zone. Core samples were sent to SGS Lakefield for metallurgical testing, and an updated Mineral Resource Estimate and Preliminary Economic Assessment (PEA) was prepared (Barry et al, 2022).

GEOLOGY AND MINERALIZATION

Figure 4 shows the major tectonostratigraphic zones of Newfoundland with the location of the Great Burnt property.

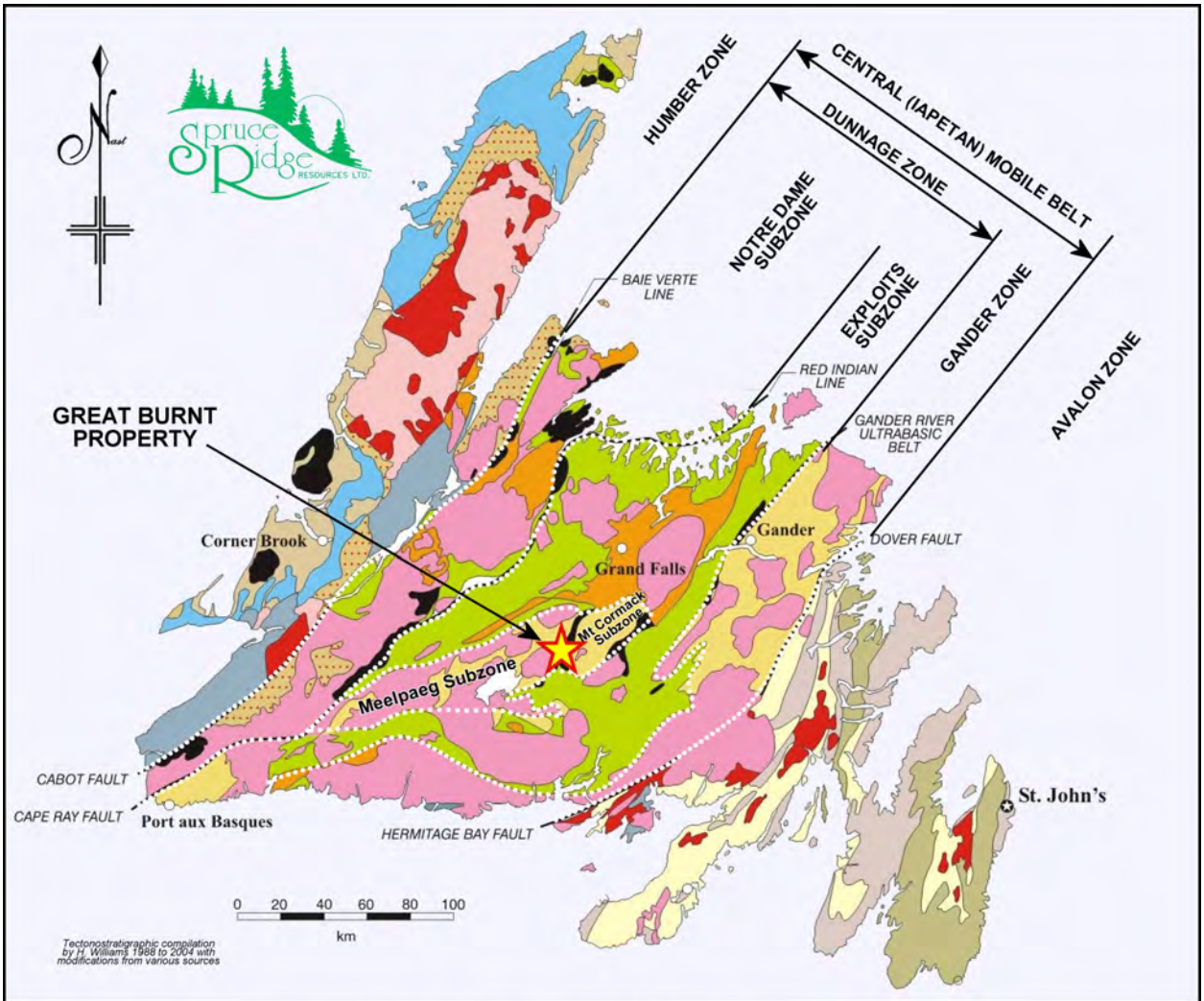
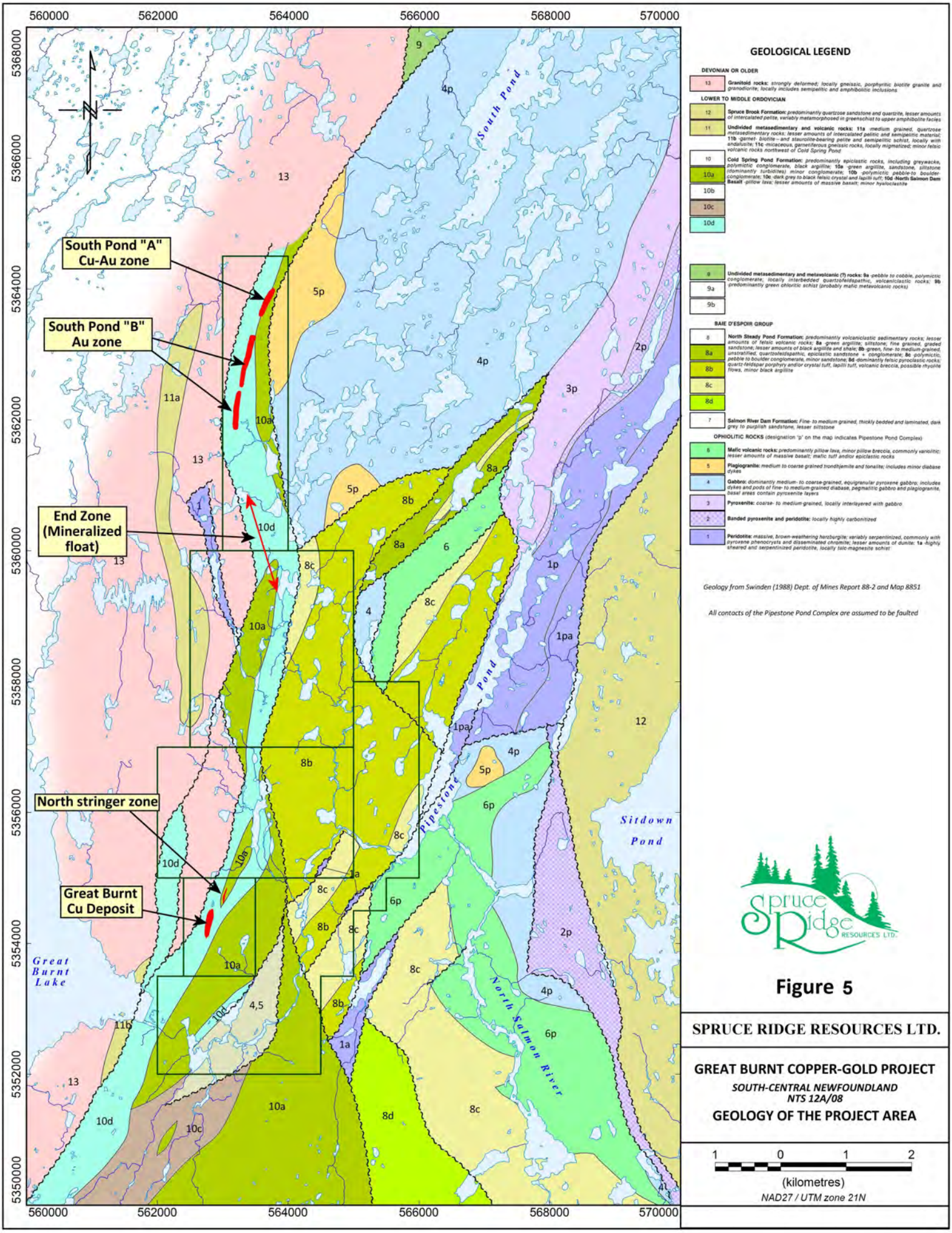


Figure 4: Tectonostratigraphic map of Newfoundland with property location

The Central Mobile Belt is divided into two zones and a series of subzones. The Great Burnt property lies in a narrow north-south belt, sandwiched between the Meelpaeg and Mount Cormack subzones. Both subzones comprise mainly siliciclastic metasediments of Lower Paleozoic (Ordovician to Silurian) age, according to the limited mapping available. The Meelpaeg Subzone is intruded by large bodies of granitoid rocks, mostly deformed and often gneissic, assumed to be of Silurian to Devonian age.

The north-south belt in which the Great Burnt property lies has been well mapped by Swinden (1988), whose work is reproduced in figure 5. The east side of the belt is occupied by the ophiolitic Pipestone Pond Complex. At the assumed base of the ophiolites is a ±1 km wide band of peridotite, grading upwards (to the west) through a mixed layer to a ±1 km wide band of pyroxenite. In the north part of the belt, the pyroxenite is overlain in turn by a 4 to 5 km thick gabbro, with lenses of plagiogranite, which is assumed to be the last differentiate of an ophiolitic magma.

In the southern part of the area covered by figure 5, the geology becomes complex, with segments of ophiolite, including mafic flows, pillow lava and mafic tuff, faulted into contact with overlying Ordovician sediments of the Baie d'Espoir Group. These comprise mainly epiclastic sandstones and conglomerates, argillite and some felsic volcanics.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South Pond "A" Cu-Au zone
South Pond "B" Au zone
End Zone (Mineralized float)
North stringer zone
Great Burnt Cu Deposit
South Pond
Pipestone Pond
Sitdown Pond
North Salmon River
Great Burnt Lake
GEOLOGICAL LEGEND
DEVONIAN OR OLDER
13 Granitoid rocks: strongly deformed; locally gneissic, porphyritic biotite granite and granodiorite, locally includes semipelitic and amphibolitic inclusions
LOWER TO MIDDLE ORDOVICIAN
12 Spruce Brook Formation: predominantly quartzose sandstone and quartzite, lesser amounts of intercalated pelite, variably metamorphosed in greenschist to upper amphibolite facies
11 Undivided metasedimentary and volcanic rocks: 11a -medium grained, quartzose metasedimentary rocks; lesser amounts of intercalated pelitic and semipelitic material; 11b -garnet- biotite +/- and staurolite-bearing pelite and semipelitic schist, locally with andalusite; 11c -micaceous, garnetiferous gneissic rocks, locally migmatized; minor felsic volcanic rocks northwest of Cold Spring Pond
10 Cold Spring Pond Formation: predominantly epiclastic rocks, including greywacke, polymictic conglomerate, black argillite; 10a -green argillite, sandstone, siltstone (dominantly turbidites) minor conglomerate; 10b -polymictic pebble-to boulder-conglomerate; 10c -dark grey to black felsic crystal and lapilli tuff; 10d -North Salmon Dam Basalt -pillow lava; lesser amounts of massive basalt; minor hyaloclastite
9 Undivided metasedimentary and metavolcanic (?) rocks: 9a -pebble to cobble, polymictic conglomerate; locally interbedded quartzofeldspathic, volcaniclastic rocks; 9b -predominantly green chloritic schist (probably mafic metavolcanic rocks)
BAIE D'ESPOIR GROUP
8 North Steady Pond Formation: predominantly volcaniclastic sedimentary rocks; lesser amounts of felsic volcanic rocks; 8a -green argillite; siltstone; fine grained, graded sandstone; lesser amounts of black argillite and shale; 8b -green, fine- to medium-grained, unstratified, quartzofeldspathic, epiclastic sandstone + conglomerate; 8c -polymictic, pebble to boulder conglomerate, minor sandstone; 8d -dominantly felsic pyroclastic rocks; quartz-feldspar porphyry and/or crystal tuff, lapilli tuff, volcanic breccia, possible rhyolite flows, minor black argillite
7 Salmon River Dam Formation: Fine- to medium grained, thickly bedded and laminated, dark grey to purplish sandstone, lesser siltstone
OPHIOLITIC ROCKS (designation 'p' on the map indicates Pipestone Pond Complex)
6 Mafic volcanic rocks: predominantly pillow lava, minor pillow breccia, commonly variolitic; lesser amounts of massive basalt; mafic tuff and/or epiclastic rocks
5 Plagiogranite: medium to coarse grained trondhjemite and tonalite; includes minor diabase dykes
4 Gabbro: dominantly medium- to coarse-grained, equigranular pyroxene gabbro; includes dykes and pods of fine- to medium-grained diabase, pegmatitic gabbro and plagiogranite, basal areas contain pyroxenite layers
3 Pyroxenite: coarse- to medium-grained, locally interlayered with gabbro
2 Banded pyroxenite and peridotite: locally highly carbonitized
1 Peridotite: massive, brown-weathering harzburgite; variably serpentinized, commonly with pyroxene phenocrysts and disseminated chromite; lesser amounts of dunite; 1a -highly sheared and serpentinized peridotite, locally talc-magnesite schist
Geology from Swinden (1988) Dept. of Mines Report 88-2 and Map 8851
All contacts of the Pipestone Pond Complex are assumed to be faulted
Spruce Ridge RESOURCES LTD.
Figure 5
SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT COPPER-GOLD PROJECT
SOUTH-CENTRAL NEWFOUNDLAND
NTS 12A/08
GEOLOGY OF THE PROJECT AREA
1 0 1 2
(kilometres)
NAD27 / UTM zone 21N

The west side of the belt is occupied by the Cold Spring Pond Formation, which varies from 5 km thick at the south edge of figure 5, becoming progressively thinner northwards until it appears to pinch out entirely (or be faulted out) north of the South Pond mineralized zones. The most continuous unit of the Cold Spring Pond Formation is the North Salmon Dam Basalt (unit 10d), never more than 1 km thick, which is mapped for 15 km from the south edge of the map to about 1 km north of the South Pond "A" Zone. It is underlain and overlain by unit 10a, composed of turbidite sequences of argillite, arenite and minor conglomerate. The North Salmon Dam Basalt is host to all the mineralized zones defined to date on the Great Burnt property.

Mineralization: The Great Burnt Main Zone, the North Stringer Zone, and the South Pond "A" and "B" zones are volcanogenic massive sulphide (VMS) deposits. They clearly belong to the "Besshi type" class of VMS deposits. They are named after the Besshi copper mine in southwest Japan which produced continuously from 1690 to 1973, yielding approximately 700,000 tonnes (t) of copper from approximately 30 million tonnes (Mt) of ore (recovered grade would be ±2.2% Cu).

Once they became recognized as a distinct class of mineralization, Besshi type VMS deposits were typically regarded as being "small to medium sized", with the original Besshi mine as being the largest of its class. Besshi type deposits are now widely reported outside of Japan. The world's largest documented Besshi type VMS deposit is the Windy Craggy deposit in northern British Columbia, with a published (non-compliant, pre 43-101) resource of 297 Mt grading 1.38% Cu. This makes it one of the largest VMS deposits of any class.

Besshi type VMS deposits are associated with mafic lava flows in anoxic marine basins, usually in a back-arc environment. Associated sediments are usually argillites. They form strata-bound, typically tabular bodies, with similar morphology to other types of VMS. The dominant sulphide mineral is usually pyrite with subordinate pyrrhotite and chalcopyrite; pyrrhotite-dominant Besshi deposits are uncommon. Sphalerite may be present at accessory levels, and many deposits have gold as a minor by-product.

Besshi style deposits form in similar ways to other VMS types: hydrothermal convection cells form in a submarine volcanic pile due to subjacent intrusive magmatism acting as a heat source. Seawater, heated in the lower parts of convection cells, leaches metals from the lava pile and carries them in solution as chloride complexes. As the upwelling hydrothermal solutions are discharged at or near the seafloor, their temperature drops and the metals they carry are deposited as sulphides. Hydrothermal fluid pathways can be detected by the alteration they cause in rocks they have passed through. The mechanisms are extremely well understood because VMS mineralization can be observed forming today, in undersea hydrothermal vents.

Great Burnt Property: Mineralization on the Great Burnt property fits the Besshi model on all the main points, although it diverges from the "ideal" model in some ways.

<u>Conforming to the Besshi model:</u>

- Mafic volcanic host rocks
- Associated sediments are argillite (plus chert at South Pond)
- Anoxic ocean - demonstrated by numerous interbedded black and/or graphitic argillite layers
- Metal suite: Dominated by copper with minor zinc and gold (applies to Great Burnt Main and North Stringer zones only)
- Back-arc environment - we just don't know enough to comment on this.

<u>Diverging from the Besshi Model:</u>

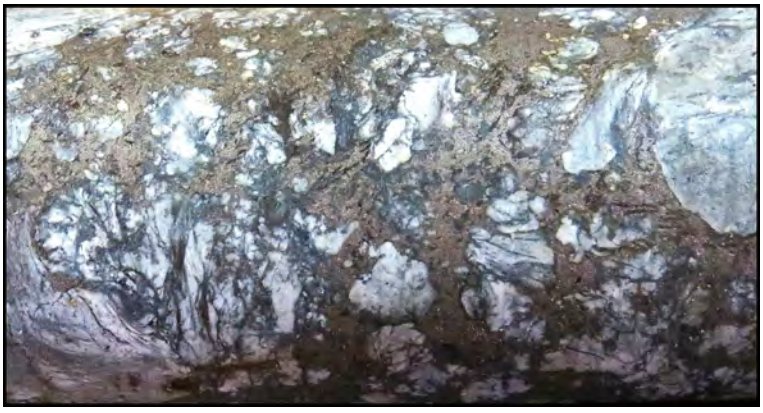
- Pyrrhotite is the dominant iron sulphide, not pyrite
- Gold is an important metal in the South Pond "A" Zone, and is the only metal of economic interest in the South Pond "B" Zone

- Although mafic lavas are present at the Great Burnt Main and North Stringer zones, with abundant fragmental (i.e. pyroclastic and/or epiclastic) rocks of mafic composition, mafic host rocks at the South Pond "B" Zone are almost entirely fragmental. "Fragmental" is an older term that is useful if the fragmentation process is not readily evident.

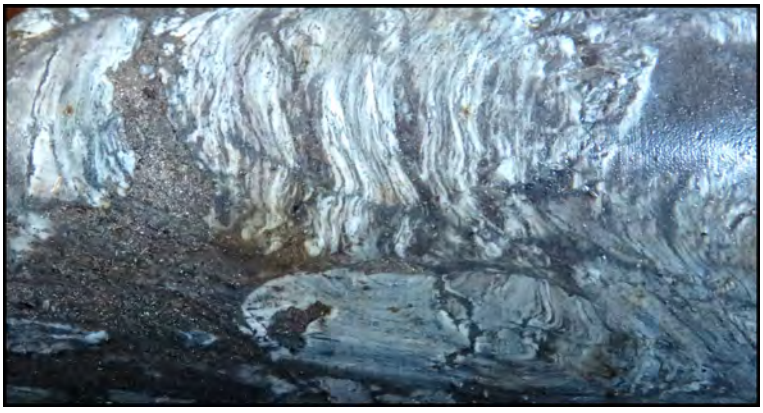
Comments about the South Pond "B" Zone (based on the author's observations logging core during the present drill program):

At the Great Burnt Main Zone, there are well layered massive sulphide zones that were clearly deposited on a level seafloor during a placid period, as well as more irregular sulphide zones that may have been deposited during a pyroclastic or epiclastic event, or deposited in the sub-seafloor. Sulphide mineralization at the South Pond "B" Zone does not look at all similar, even allowing for the absence of substantial chalcopyrite.

Pyrrhotite mineralization at the South Pond "B" is not "massive" but varies up to 25% of the rock, with very local sections approaching 50%. It occurs in two main habits: (1) as streaks and bands in mafic tuff, more or less conformable to the bedding or schistosity, and (2) as the matrix in a breccia, where the clasts are highly siliceous and are often a mix of laminated chert and (what appears to be) totally silicified mafic volcanic. Here is a photo of drill core to illustrate the second type of mineralization, where the clasts are mostly identifiable as silicified lava.



Here is another photo of an earlier stage of brecciation, where a rare occurrence of almost undisturbed chert is being broken up and invaded by pyrrhotite.



The chert appears to have developed a mild crenulation before being disrupted, and this raises the question of the timing of mineralization. Is the pyrrhotite being introduced post-deformation, or is it being remobilized by the deformation?

Gold occurs in association with pyrrhotite of both types, but not all pyrrhotite-rich rocks have significant gold contents. What factors lead to gold enrichment are not known, and this would be a fruitful topic for future research.

An unexpected development was the presence of ultramafic rocks in the sequence that hosts the mineralization. Occasional talc-rich, schistose sections were noted in tuffs and argillites. These were identified as being the result of magnesium alteration, which is known to occur in the colder, downwelling parts of VMS hydrothermal convection cells. ICP analyses, when they were received, tended to confirm this interpretation because Ni and Cr contents were more typical of mafic than ultramafic rocks. However, the ICP analyses revealed a number of short intervals of what was logged as mafic tuff, with high Ni (up to 1700 ppm) and Cr (up to 1694 ppm). These are without doubt ultramafic rocks; how they got there is food for speculation and future research.

Overall, the author has the impression that the South Pond "B" Zone was formed in a very dynamic environment - a marine basin with active mafic volcanism and frequent tectonic/seismic episodes. Calm intervals that allowed laminated chert and argillite to be deposited may have been short, and were interrupted by renewed eruptions and/or seismic activity.

2021 DIAMOND DRILLING PROGRAM

Table 1 gives a list of drill holes with their vital statistics. Figure 6 is a plan of the drilling area. Drill logs are given in Appendix 2 and cross sections in Appendix 3. Drill logs list analytical results for Au, Cu and S: a complete list of all analysed core samples, with downhole depths and all analysed elements is given in Appendix 4, and certificates of analysis are in Appendix 5.

TABLE 1: 2021 diamond drill holes, South Pond "B" Zone

Hole number	UTM NAD27 zone 21 Easting	UTM NAD27 zone 21 Northing	Dip at collar	Azimuth at collar	Depth (metres)	Casing left in
SP21-01	563375	5363056	-50°	090°	164.0	No
SP21-02	563354	5363063	-60°	090°	215.0	No
SP21-03	563360	5363006	-50°	090°	251.0	No
SP21-04	563344	5363003	-60°	090°	263.3	No
SP21-05	563311	5362956	-50°	090°	120.5	No
SP21-06	563310	5362957	-50°	090°	155.0	No
SP21-07	563345	5362906	-50°	090°	152.0	No
SP21-08	563300	5362906	-50°	085°	158.0	No
SP21-09	563300	5362906	-65°	085°	184.5	No
SP21-10	563275	5362856	-50°	090°	128.0	No
SP21-11	563304	5362856	-50°	090°	140.0	No
SP21-12	563330	5362856	-65°	085°	161.0	No
SP21-13	563275	5362856	-50°	090°	158.0	No
SP21-14	563266	5362815	-50°	088°	122.0	No
SP21-15	563266	5362815	-65°	085°	230.0	No
SP21-16	563300	5362765	-50°	090°	107.0	No
SP21-17	563275	5362765	-75°	088°	122.0	No
SP21-18	563255	5362715	-60°	090°	152.0	No
SP21-19	563375	5360360	-45°	085°	62.0	No

The 10.1 kilometre access trail was prepared by the company during the summer of 2021. The trail followed a route used for previous drilling programs by Celtic Minerals between 2001 and 2008. The trail was heavily grown over and required cleaning. Also several sections of the old trail were too rocky or too boggy, and had to be

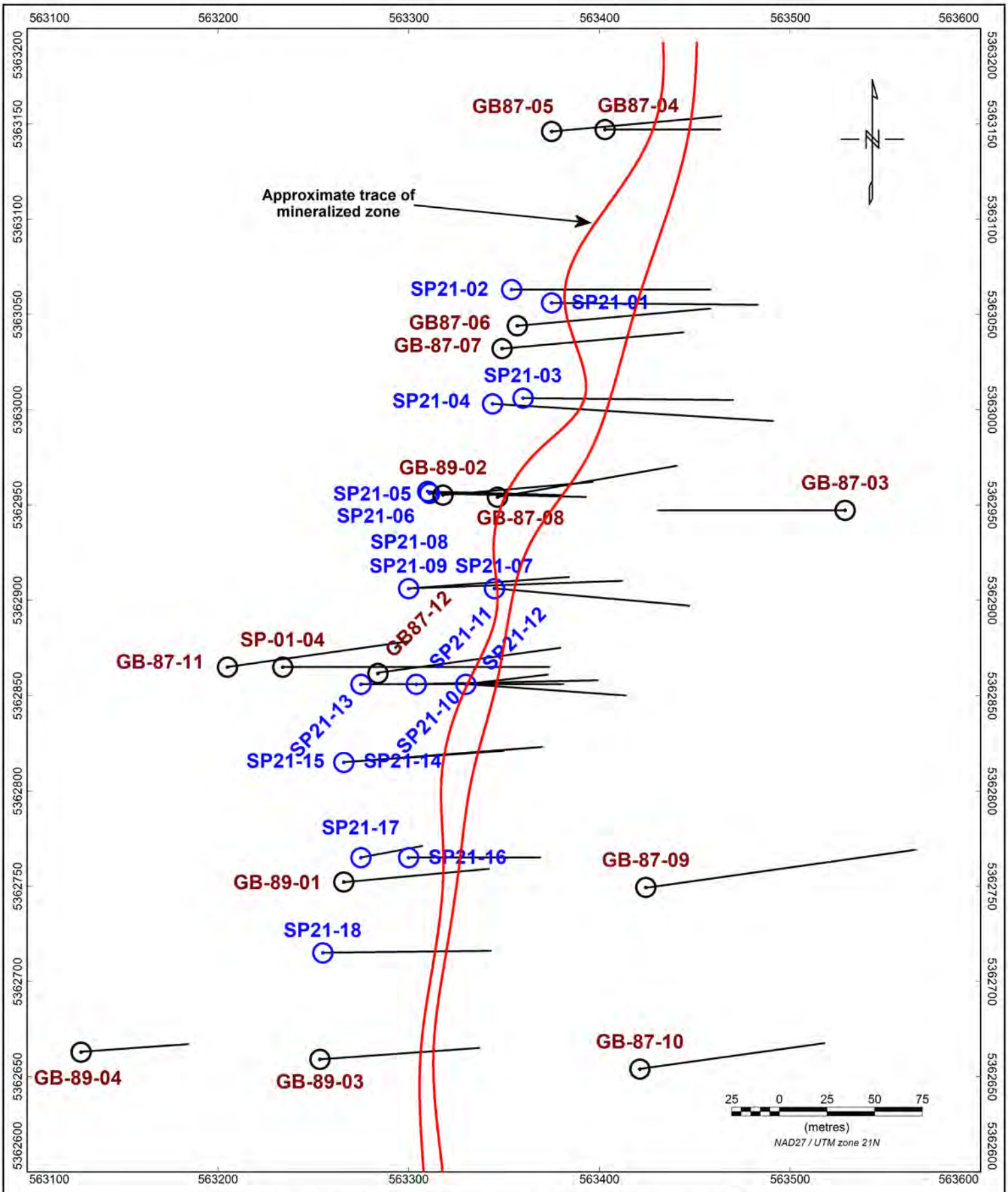


Figure 6: Plan of 2021 drilling with historical drill holes

bypassed. Trail work was carried out by Baie d'Espoir Excavating and Vac Services of St. Alban's, guided by James Rideout with a field assistant to do chainsaw work where necessary.

The 2021 drill program was initially to be postponed until 2022, because we had been unable to find a drill contractor able to bid on the job. CoreBore Drilling Inc., a newly formed drilling company based in Springdale was contacted and provided an acceptable bid, and consequently the program was started at short notice. CoreBore Drilling provided a skid-mounted Duralite drill and an excavator to move the drill and prepare pads. Drilling took place from October 24th to December 5th (mobilization to demobilization).

All the holes were drilled with NQ equipment. Boxed core was delivered to the company's core shack by drill crews as the came off shift. Logging was done by the undersigned, who also marked off intervals for sampling. Core was cut in half with a diamond saw; half-core samples were bagged and shipped to Eastern Analytical in Springdale. All samples were assayed for gold using lead fire assay on 30 gram splits, and also analysed for multi elements by ICP.

One overlimit gold assay was repeated using gravimetric fire assay. A number of samples with overlimit nickel (>1100 ppm) were re-analysed using assay methods. Fifteen samples from drill hole SP21-03, including the highest gold value of the program, were re-assayed using the screened metallics protocol. Table 2 shows the results of the comparison.

TABLE 2: Comparison of 30-gram fire assay and screened metallics fire assay

Sample	From	To	Length	Au ppb FA/AA	Au ppb Metallic	% change FA to Met	Percent of gold in +150 mesh fraction
779867	53.00	54.00	1.00	**750**	**700**	**-7%**	**0.0%**
779868	54.00	55.00	1.00	**1972**	**2582**	**+31%**	**5.2%**
779869	55.00	56.00	1.00	**4133**	**3495**	**-15%**	**1.2%**
779870	56.00	57.00	1.00	**3735**	**4003**	**+7%**	**2.9%**
779871	57.00	58.00	1.00	**11333**	**11110**	**-2%**	**3.0%**
779872	58.00	59.00	1.00	**719**	**5680**	**+790%**	**1.8%**
779873	59.00	60.00	1.00	**1262**	**1893**	**+50%**	**3.0%**
779874	60.00	61.00	1.00	**556**	**602**	**+8%**	**6.1%**
779875	61.00	62.00	1.00	**1747**	**1563**	**-11%**	**16.9%**
779876	62.00	63.00	1.00	**481**	**697**	**+45%**	**1.8%**
779877	63.00	64.00	1.00	**1071**	**1083**	**+1%**	**2.1%**
779878	64.00	65.00	1.00	**847**	**1531**	**+8%**	**4.8%**
779879	65.00	66.00	1.00	**3181**	**2098**	**-34%**	**0.1%**
779880	66.00	67.00	1.00	**2032**	**2719**	**+34%**	**3.4%**
779881	67.00	68.00	1.00	**1631**	**2632**	**+61%**	**12.8%**
Averages	**53.00**	**68.00**	**15.00**	**2363**	**2826**	**+20%**	**3.9%**

The increase in the average gold content of 20% over the 15 metre section is almost entirely due to sample 779782, which reported 719 ppb Au in the original fire assay, and 568 ppb Au in the screened metallics assay. If that sample is removed, the increase in average grade becomes 4%. Notably, the proportion of gold in the coarse fraction is only 1.8% in that sample, which suggests that a simple re-assay would have given a similar result. Only two of the 15 samples had more than 10% of the gold in the coarse fraction, so there does not appear to be a serious nugget effect with gold in the South Pond "B" Zone.

Because the program was started unexpectedly at short notice, we did not have time to acquire standards for the analysis, and so had to rely on the lab's own standards, the results of which are routinely reported on their certificates of analysis. The lab also reports repeat analyses. Figure 7 is a plot showing comparison between original and repeat gold assays for the whole program.

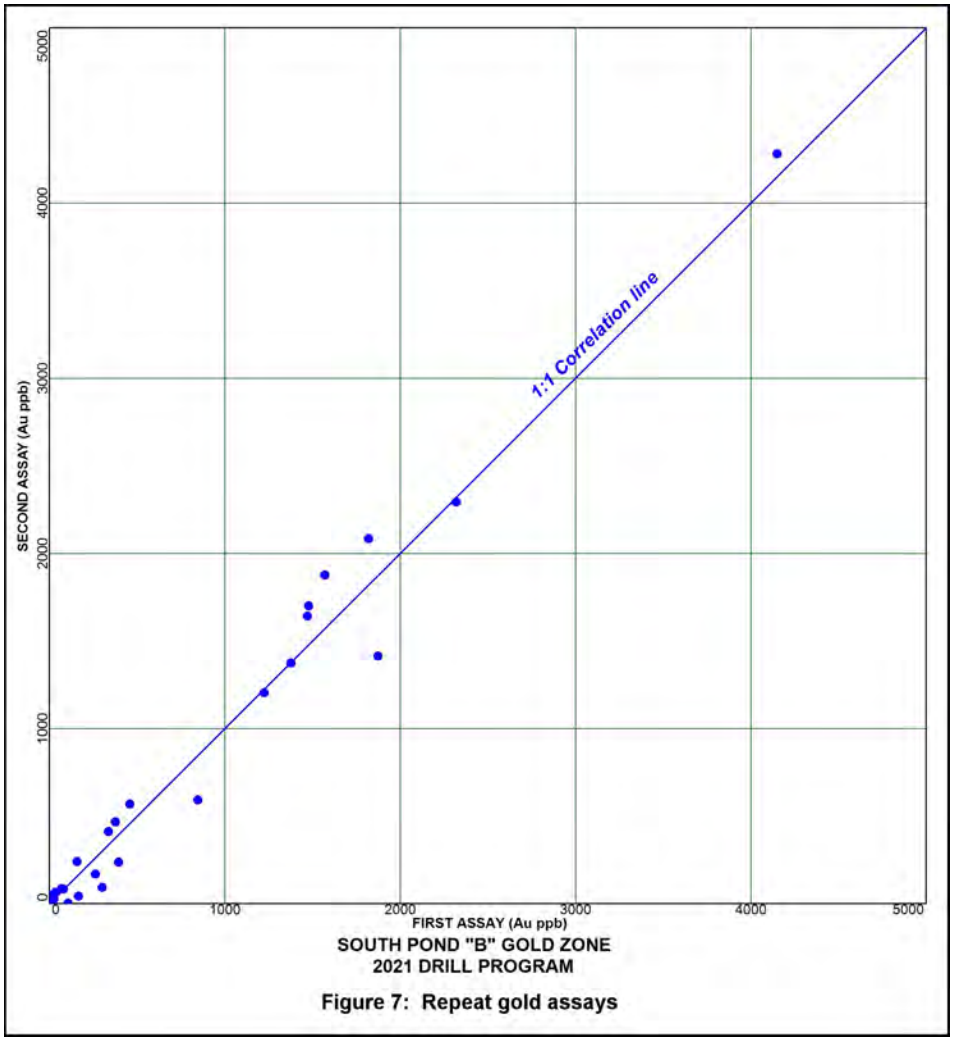


Figure 7: Repeat gold assays

The repeat comparison suggest that gold assays of the "B" Zone are repeatable within acceptable limits, a conclusion that is somewhat contrary to the comparison of regular fire assays and screened metallics assays. This point needs to be addressed before future drilling takes place.

RESULTS OF THE DRILL PROGRAM

Table 3 gives a summary of the drill results, listing all intervals over 1 g/t Au. Average copper values are calculated over intervals determined by averaging gold assays. Intercepts vary from 1 metre of 1.04 g/t Au to 51 metres of 1.69 g/t Au to 21 metres of 2.06 g/t Au to 15 metres of 2.36 g/t Au (core lengths). Associated copper grades are mostly too low to have economic potential, with the exception of hole SP21-05 which intersected 1.30 metres of 2.19 g/t Au and 1.05% Cu. Holes SP21-03, -05 and -11 each have three separate intersections of plus 1 g/t Au, and holes SP21-11 and -12 have two separate intersections.

TABLE 3: SUMMARY OF GOLD AND COPPER ASSAY RESULTS FROM 2021 DRILLING SOUTH POND "B" GOLD ZONE						
Hole No.	**Inclination**	**From (m)**	**To (m)**	**Length**	**Au g/t**	**Cu %**
SP21-01	-50°	**11.00**	**62.00**	**51.00**	**1.69**	0.094
includes		19.00	62.00	43.00	1.82	0.104
which includes		50.00	61.00	11.00	3.19	0.089
and		11.00	14.00	3.00	2.07	0.078
SP21-02	-60°	no results >0.54 g/t				
SP21-03	-50°	12.00	13.00	1.00	2.11	0.098
and		19.00	22.00	3.00	2.92	0.061
and		**53.00**	**68.00**	**15.00**	**2.36**	0.096
includes		54.00	58.00	4.00	5.29	0.104
which includes		57.00	58.00	1.00	11.33	0.120
SP21-04	-60°	48.00	52.00	4.00	1.84	0.075
SP21-05	-50°	6.00	8.00	2.00	1.90	0.035
and		11.00	12.30	1.30	2.19	1.051
and		98.00	99.00	1.00	1.51	0.072
SP21-06	-65°	13.00	14.85	1.85	1.08	0.385
SP21-07	-50°	14.00	15.00	1.00	1.27	0.001
SP21-08	-50°	**65.80**	**87.00**	**21.20**	**1.75**	0.084
includes		65.80	81.00	15.20	2.20	0.094
includes		65.80	76.00	10.20	2.82	0.098
SP21-09	-65°	no significant assays				
SP21-10	-50°	10.00	11.00	1.00	1.04	0.079
SP21-11	-50°	22.00	24.00	2.00	1.29	0.054
and		33.00	34.00	1.00	1.44	0.102
and		**46.40**	**64.00**	**17.60**	**1.34**	0.070
includes		46.40	49.75	3.35	2.15	0.107
and includes		53.70	57.90	4.20	2.48	0.087
SP21-12	-65°	97.80	99.00	1.20	3.69	0.043
and		112.00	113.00	1.00	2.31	0.064
SP21-13	-50°	95.00	99.00	4.00	1.43	0.106
and		105.00	106.00	1.00	1.24	0.090
SP21-14	-50°	**74.00**	**95.00**	**21.00**	**2.06**	0.097
SP21-15	-65°	no significant assays				
SP21-16	-50°	32.00	42.00	10.00	1.72	0.102
SP21-17	-75°	no significant assays				
SP21-18	-60°	no assays >0.82 g/t Au				
SP21-19	-45°	no significant assays				

CONCLUSIONS AND RECOMMENDATIONS

The 2021 drill program on the South Pond "B" Zone returned results fully comparable with those reported by BP Resources Canada in the 1980s. Wide zones with apparent true widths up to 40 metres at shallow depths, with grades in the 1 to 2 g/t Au range suggest the possibility of a modest open pit resource. On the results to date, such a resource might be too small to support construction and operation of an on-site mill. However, the gold is always associated with pyrrhotite, and the average pyrrhotite content is estimated to be in the 20% to 25% range. This points to the possibility of using on-site dry magnetic separation on crushed (but not pulverized) material to make an upgraded product that could sustain transport to a custom milling facility elsewhere on the island.

With this in mind, the logical next step on this gold deposit would be to use some of the stored drill core to make composites to be sent to a metallurgical laboratory for testing to make an upgraded ("pre-concentrated") product. Based on the costs paid for metallurgical work on the Great Burnt Main Zone copper deposit, the budget for such a modest program would be in the $40,000 range. If this modest proposal is successful, the upgraded product should be submitted for further metallurgical testing using conventional gold milling technologies including gravity separation, flotation and cyanidation to recover gold or a to make a gold concentrate. One might expect a further cost in the $60,000 range.

Sulphide minerals oxidize readily when exposed to the atmosphere, especially when stored outside, so this recommendation, if accepted, should be acted upon without delay. Fresh material is crucial to successful metallurgical testwork.

Respectfully submitted

Colin Bowdidge, Ph.D., P.Geo. (ON and NL)

July 28th, 2022

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APPENDIX 1: SOUTH POND "B" ZONE 2021 DRILL PROGRAM COST BREAKDOWN AND ALLOCATION BY LICENCE

CONTRACTOR, SUPPLIER	QUANTITIES & UNIT COSTS	ITEM COST	COST ALLOCATION TO LICENCES		
			Licence 006683M	Licence 009881M	Licence 027013M
ACCESS TRAIL WORK			(525 excavator hrs)	(223 excavator hrs)	(41 excavator hrs)
Baie d'Espoir Excavating & Vac	Excavator, 789 hours @ $175	$138,075.00			
Jim Rideout, Cormack, NL	Supervising, 62 days @ 420	$27,300.00			
Floyd Genge, Anchor Point, NL	Chainsaw work, 14 days @ $240	$3,360.00			
Gerard Leroux, St. George's, NL	Chainsaw work, 17 days @ $240	$4,080.00			
	Trailwork total	**$172,815.00**	$114,990.97	$48,843.78	$8,980.25
DIAMOND DRILLING					
CoreBore Drilling Inc.	3047 metres NQ drilling @ $175/m	$533,225.00			
CoreBore Drilling Inc.	Mob & demob fixed price	$26,400.00			
CoreBore Drilling Inc.	Standby charges	$2,500.00			
CoreBore Drilling Inc.	Casing shoes & lost rods	$2,190.00			
Eastern Analytical	Fire assay, ICP, metallics incl RUSH fees	$48,930.60			
Jim Rideout, Cormack, NL	Field supervision etc.47 days @ $420	$19,740.00			
Gerard Leroux, St. George's, NL	Cutting core, 36 days @ $240	$8,640.00			
Chad Chatman, Springdale, NL	Moving & cutting core 11 days @$240	$2,640.00			
Colin Bowdidge, P.Geo., Toronto, ON	Planning, logging core 41 days @ $750	$30,750.00			
	Diamond Drilling Total	**$675,015.60**	$0.00	$0.00	$675,015.60
GENERAL PROJECT COSTS	**Number of claims**		**24**	**30**	**18**
Jim Rideout, Cormack, NL	Setting up camp, supervision, project management, 40 days @ $420	$16,800.00	$5,600.00	$7,000.00	$4,200.00
Baie d'Espoir Excavating & Vac Services	Trailer rental, delivering fuel, septic pumping, misc. equipment rental	$47,047.00	$15,682.33	$19,602.92	$11,761.75
Colin Bowdidge, Toronto ON	Compiling data, report writing, GIS work, 27 days @ $750	$20,250.00	$6,750.00	$8,437.50	$5,062.50
Colin Bowdidge, P.Geo., Toronto, ON	Travel, airfare, car rental, motels, meals etc.	$10,779.83	$3,593.28	$4,491.60	$2,694.96
TOTAL OF DIRECT COSTS		**$931,927.60**	**$143,023.30**	**$83,884.20**	**$705,020.10**
15% Administration		**$139,789.14**	**$21,453.50**	**$12,582.63**	**$105,753.01**
ASSESSMENT WORK TOTALS		**$1,071,716.74**	**$164,476.80**	**$96,466.83**	**$810,773.11**

APPENDIX 2

DIAMOND DRILL LOGS

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-01

DIAMOND DRILL LOG

Hole No.	**SP21-01**
Dip	**-50°**
Depth	**164 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563375E 5363056N**
UTM datum & zone	**NAD27 ZONE 21**
Date started	
Date finished	
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**Yes**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **11.00-62.00 m: 51.00 m @ 1.69 g/t Au** **includes 11.0-14.00: 3.00 m @ 2.07 g/t Au** **and 50.00-61.00: 11.00 m @ 3.19 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-49.6	90.3
50.0	-49.8	90.3
80.0	-49.3	90.4
110.0	-48.5	90.4
140.0	-47.9	91.5
164.0	-47.0	92.0

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
0.00	6.25	**Casing**							
6.25	9.00	**Tuff:** Dark grey, fine grained**,** bedding and schistosity at 45-60° to CA. Appears to be a water-lain lithic tuff of generally mafic composition. White quartz stringers at 6.45-6.65 m. Very minor po.	779501	6.25	7.75	1.50	101	174	1.57
			779502	7.75	9.00	1.25	29	28	0.23
9.00	10.40	**Serpentinite:** Grey, soft, schistose at ±45° to CA. Mostly composed of chlorite and talc	779503	9.00	10.00	1.00	36	13	0.10
10.40	11.00	**Tuff:** As above	779504	10.00	11.00	1.00	37	107	1.00
11.00	15.00	**Tuff with Sulphides:** Tuff as above with ~10% fine grained pyrrhotite, locally up to 25%, as disseminations, streaks along schistosity planes and fracture fillings in hairline cracks. Very minor cpy.	779505	11.00	12.00	1.00	2745	559	5.83
			779506	12.00	13.00	1.00	1469	758	6.26
			779507	13.00	14.00	1.00	2007	1011	5.61
			779508	14.00	15.00	1.00	45	229	2.00
15.00	20.00	**Tuff and Chert with sulphides:** Similar to the above, with about 50% of the interval conaining up to 60% of grey cherty quartz, brecciated and broken up into fragments in the 1-2 cm size range. Amount of chert decreases after 19 m. Also later (?) white quartz as veinlets and irregular patches. Rock has ~10% po with similar habits to the above.	779509	15.00	16.00	1.00	1089	118	1.18
			779510	16.00	17.00	1.00	33	292	2.40
			779511	17.00	18.00	1.00	126	127	1.15
			779512	18.00	19.00	1.00	196	253	1.41
			779513	19.00	20.00	1.00	1201	538	4.40
20.00	29.00	**Tuff with Sulphides:** As 11.0-15.0 m with ~10% pyrrhotite. Very minor cpy as tiny fracture fillings. Low-angle shears (?) as follows: 24.0-25.0: Graphitic shearing at ± 10° to CA, probably steeply dipping at ~ east-west orientation. 27.0-29.0: Graphitic shearing similar to 24.0-25.0 m	779514	20.00	21.00	1.00	1874	1390	5.34
			779515	21.00	22.00	1.00	2496	1290	7.49
			779516	22.00	23.00	1.00	606	1092	5.26
			779517	23.00	24.00	1.00	2777	1596	7.23
			779518	24.00	25.00	1.00	1605	786	4.91
			779519	25.00	26.00	1.00	1931	1317	6.14
			779520	26.00	27.00	1.00	1395	813	4.60
			779521	27.00	28.00	1.00	321	369	2.38
			779522	28.00	29.00	1.00	1073	1337	7.29
29.00	29.50	**Tuff with pyrite-pyrrhotite:** Tuff as above, with 2-3% pyrite cubes and clots. Po still very fine-grained. Minor cpy as local splashes.	779523	29.00	30.00	1.00	2264	843	6.45
29.50	37.75	**Tuff and Chert with sulphides:** Brecciated chert fragments make up about 20% of this section. Bedding and schistosity at 40-50° with local shears at 5-10° to CA. 5-10% pyrrhotite, chalcopyrite becoming more abundant down section but still much less than 1%.	779524	30.00	31.00	1.00	619	646	2.56
			779525	31.00	32.00	1.00	1209	596	4.17
			779526	32.00	33.00	1.00	868	898	3.82
			779527	33.00	34.00	1.00	1138	1104	6.42
			779528	34.00	35.00	1.00	1401	1267	8.41
			779529	35.00	36.00	1.00	1456	2477	9.86
			779530	36.00	37.00	1.00	3326	1676	9.99
			779531	37.00	38.00	1.00	1791	1547	6.84
37.75	49.90	**Tuff and chloritic shears:** Tuff as above with bedding and schistosity at 30-50° to CA with up to 10% fine pyrrhotite as streaks on schistosity planes and minor disseminations, alternating with black chloritic shears at 5-10° to CA. The shears have less po than the unsheared tuff, but also carry minor pyrite and white quartz stringers.	779532	38.00	39.00	1.00	574	659	5.23
			779533	39.00	40.00	1.00	1083	908	4.71
			779534	40.00	41.00	1.00	89	524	3.24
			779535	41.00	42.00	1.00	3036	854	5.33

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
37.75	49.90	*(continued)* 49.0-49.9: 20% po and 10% py	779536	42.00	43.00	1.00	141	524	2.84
			779537	43.00	44.00	1.00	1313	656	3.69
			779538	44.00	45.00	1.00	1129	596	7.06
			779539	45.00	46.00	1.00	83	1109	8.33
			779540	46.00	47.00	1.00	294	804	7.11
			779541	47.00	48.00	1.00	597	1725	7.87
			779542	48.00	49.00	1.00	2211	1987	9.49
			779543	49.00	50.00	1.00	1182	1197	8.08
49.90	54.80	**Tuff and Chert with sulphides:** Similar to 15.0-20.0 m section. Bedding and schistosity at 40-50° to CA. Pyrrhotite averages 5-10% of rock, locally up to 305 over a few cm, minor cpy. 53.0-53.4: almost massive chert.	779544	50.00	51.00	1.00	4141	1476	5.17
			779545	51.00	52.00	1.00	1223	735	5.07
			779546	52.00	53.00	1.00	6196	423	2.52
			779547	53.00	54.00	1.00	2138	375	2.10
			779548	54.00	55.00	1.00	685	332	2.19
54.80	65.10	**Tuff with sulphides:** As 20.0-29.0, bedding/schistosity at ± 40° to CA. 10-20% pyrrhotite throughout, locally up to 50%. Minor cpy.	779549	55.00	56.00	1.00	1277	467	2.73
			779550	56.00	57.00	1.00	9872	1154	6.40
			779551	57.00	58.00	1.00	1296	1003	8.01
			779552	58.00	59.00	1.00	1280	966	5.38
			779553	59.00	60.00	1.00	3401	1499	6.98
			779554	60.00	61.00	1.00	3589	1311	5.90
			779555	61.00	62.00	1.00	2066	1725	7.78
			779556	62.00	63.00	1.00	555	685	3.91
			779557	63.00	64.00	1.00	337	521	3.04
			779558	64.00	65.00	1.00	424	479	2.68
65.10	68.80	**Tuff and Chert with sulphides:** Similar to foregoing sections. Chert is highly brecciated at 65.1-65.9 m. 5% po up to 68.0 m.	779559	65.00	66.00	1.00	175	558	4.06
			779560	66.00	67.00	1.00	472	517	3.76
			779561	67.00	68.00	1.00	73	138	1.45
			779562	68.00	69.00	1.00	31	70	0.79
68.80	74.50	**Tuff:** Dark greenish-grey, bedding/schistosity at 40-45° to CA. 2-3% po at 69.6-70.0 m.	779563	69.00	70.00	1.00	26	55	0.70
			779564	70.00	71.00	1.00	9	17	0.13
			779565	71.00	72.00	1.00	21	98	0.98
			779566	72.00	73.00	1.00	<5	138	1.19
			779567	73.00	74.00	1.00	<5	34	0.46
			779568	74.00	75.00	1.00	<5	65	0.60
74.50	75.60	**Serpentinite:** As 9.0-10.4 m	779569	75.00	76.00	1.00	<5	15	0.11
75.60	92.90	**Tuff:** Dark grey-green, bedding/schistosity at ~40° to CA. Minor amounts of brecciated grey chert, minor local po.	779570	76.00	77.00	1.00	68	131	0.19
			779571	77.00	78.00	1.00	50	45	0.13

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
75.60	92.90	*(continued)*	779572	78.00	79.00	1.00	6	26	0.09
			779573	79.00	80.00	1.00	39	40	0.30
			779574	80.00	81.00	1.00	32	62	0.45
			779575	81.00	82.00	1.00	<5	32	0.09
			779576	82.00	83.00	1.00	<5	<5	0.01
			779577	83.00	84.00	1.00	<5	18	0.09
			779578	84.00	85.00	1.00	81	35	0.42
			779579	85.00	86.00	1.00	42	60	0.42
			779580	86.00	87.00	1.00	<5	150	0.17
			779581	87.00	88.00	1.00	<5	41	0.25
			779582	88.00	89.00	1.00	<5	205	0.09
			779583	89.00	90.00	1.00	<5	175	0.15
			779584	90.00	91.00	1.00	<5	59	0.06
			779585	91.00	92.00	1.00	<5	51	0.17
			779586	92.00	93.00	1.00	<5	29	0.31
92.90	94.80	**Argillite:** Black in colour, otherwise similar to the tuff sections. Bedding/schistosity at ~45° to CA. 1-2% pyrite as streaks on schistosity planes.	779587	93.00	94.00	1.00	<5	26	0.25
			779588	94.00	95.00	1.00	<5	58	0.29
94.80	109.00	**Tuff:** Medium greenish-grey, thinly laminated at ~45° to CA, very monotonous. No sulphides.	779589	95.00	96.00	1.00	<5	56	0.06
			779590	96.00	97.00	1.00	<5	79	0.02
			779591	97.00	98.00	1.00	<5	65	0.01
			779592	98.00	99.00	1.00	<5	46	0.02
			779593	99.00	100.00	1.00	<5	55	0.12
			779594	100.00	101.00	1.00	<5	43	0.14
			779595	101.00	102.00	1.00	<5	50	0.06
			779596	102.00	103.00	1.00	<5	61	0.04
			779597	103.00	104.00	1.00	11	54	0.04
			779598	104.00	105.00	1.00	14	57	0.09
			779599	105.00	106.00	1.00	18	69	0.06
			779600	106.00	107.00	1.00	<5	55	0.11
			779601	107.00	108.00	1.00	<5	10	0.03
			779602	108.00	109.00	1.00	<5	22	0.03
109.00	112.90	**Argillite:** As above, no sulphides	779603	109.00	110.00	1.00	<5	7	0.02
			779604	110.00	111.00	1.00	<5	100	0.35
			779605	111.00	112.00	1.00	<5	20	0.09
112.90	113.15	**Tuff: As above**	779606	112.00	113.00	1.00	<5	38	0.16
113.15	113.85	**Quartz Vein:** White quartz, no sulphides. Contacts at 45° to CA and 90° to bedding in tuff	779607	113.00	114.00	1.00	<5	65	0.13

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
113.85	119.30	**Tuff:** As above, becoming talcy down hole.	779608	114.00	115.00	1.00	<5	39	0.13
			779609	115.00	116.00	1.00	<5	25	0.17
			779610	116.00	117.00	1.00	<5	87	0.07
			779611	117.00	118.00	1.00	<5	86	0.04
			779612	118.00	119.00	1.00	<5	94	0.51
119.30	120.10	**Argillite:** As above, no sulphides	779613	119.00	120.00	1.00	<5	97	0.07
120.10	121.50	**Tuff:** As above. Irregular quartz lens at 121.05-121.15	779614	120.00	121.00	1.00	<5	78	0.17
121.50	122.45	**Argillite:** Black, contains irregular chunks of white and grey quartz	779615	121.00	122.00	1.00	<5	162	0.35
122.45	123.75	**Serpentinite (?):** Soft, talcy, medium grey, but seems to preserve the texture of the tuffs. Is this the result of talc or pyrophylite alteration?	779616	122.00	123.00	1.00	<5	124	0.30
			779617	123.00	124.00	1.00	<5	181	0.36
123.75	125.50	**Argillite:** Black, contains irregular chunks of white and grey quartz	779618	124.00	125.00	1.00	<5	49	0.12
125.50	141.30	**Tuff:** Lithic clasts get larger down section. Medium grey, quite talcy, but tuffaceous texture is unmistakeable. Bedding and schistosity are consistent at ~45° to CA.	779619	125.00	126.50	1.50	<5	58	0.08
			779620	126.50	128.00	1.50	<5	100	0.03
			779621	128.00	129.50	1.50	<5	103	0.08
			779622	129.50	131.00	1.50	<5	90	0.01
			779623	131.00	132.50	1.50	<5	80	0.01
			779624	132.50	134.00	1.50	<5	121	0.04
			779625	134.00	135.50	1.50	<5	108	0.12
			779626	135.50	137.00	1.50	<5	70	0.03
			779627	137.00	138.50	1.50	<5	95	0.06
			779628	138.50	140.00	1.50	<5	75	0.04
			779629	140.00	141.50	1.50	<5	118	0.03
141.30	144.60	**Tuff:** As above but has distinct dark grey quartz eyes in the 1 mm size range. No sulphides.	779630	141.50	143.00	1.50	11	94	0.02
			779631	143.00	144.50	1.50	<5	106	0.04
144.60	156.25	**Tuff:** As above, grey, soft and talcy. Some sections of quartz-eye tuff. Bedding and schistosity consistent at ~45° to CA. No sulphides.	779632	144.50	146.00	1.50	5	79	0.13
			779633	146.00	147.50	1.50	<5	75	0.05
			779634	147.50	149.00	1.50	<5	71	0.01
			779635	149.00	150.50	1.50	<5	110	0.01
			779636	150.50	152.00	1.50	<5	104	0.02
			779637	152.00	153.50	1.50	<5	98	0.01
			779638	153.50	155.00	1.50	<5	108	0.01
			779639	155.00	156.25	1.25	<5	85	0.01
156.25	158.35	**Graphite Schist and Chert:** Black, fine-grained with schistosity at 45° to CA. A lot of small-scale contortions. Conformable chert bands 156.25-156.50, hen the rest of section has ~50% of grey chert fragments. About 3% pyrrhotite throughout.	779640	156.25	157.30	1.05	<5		
			779641	157.30	158.35	1.05	<5		

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
158.35	164.00	**Tuff:** As from 144.6 to 156.25 m. Very soft and talcy 159.3-159.7 but tuffaceous texture is preserved.	779642	158.35	159.50	1.15	<5	65	0.06
			779643	159.50	161.00	1.50	<5	107	0.02
			779644	161.00	162.50	1.50	<5	79	0.01
			779645	162.50	164.00	1.50	<5	90	0.02

164.00 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-02

DIAMOND DRILL LOG

Hole No.	**SP21-02**
Dip	**-60°**
Depth	**215 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563354E 5363063N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**Yes**
Logged By	**Colin Bowdidge**
Comments:	No assays > 0.54 g/t Au

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-60.4	88.1
50.0	-59.8	88.9
110.0	-58.8	90.7
140.0	-57.9	90.8
170.0	-55.9	90.5
200.0	-54.5	91.7

From	To	Description	Sample	From	To	Length	Au ppm	Cu ppm	S%
0.00	6.00	**Casing**							
6.00	33.50	**Mafic Tuff:** Medium grey, subdued bedding and schistosity @ 35-50° to CA, rock is more homogeneous than in SP21-01. Occasional minor pyrrhotite, some low-angle schistosity/shearing at 11.8-12.2 m	779646	7.00	8.00	1.00	<5	<5	0.01
			779647	8.00	9.00	1.00	<5	<5	<0.01
			779648	9.00	10.00	1.00	44	82	0.70
			779649	10.00	11.00	1.00	<5	5	0.06
			779650	11.00	12.00	1.00	<5	16	0.01
			779651	12.00	13.00	1.00	63	66	0.52
			779652	13.00	14.00	1.00	<5	26	0.13
			779653	14.00	15.00	1.00	<5	30	0.16
			779654	15.00	16.00	1.00	<5	47	0.02
			779655	16.00	17.00	1.00	5	22	0.03
		17.5-18.5: Streaks of po	779656	17.00	18.00	1.00	7	90	0.19
			779657	18.00	19.00	1.00	<5	166	0.48
		18.9-20.0: Abundant cherty fragments, also dark quartz eyes ≤1 mm	779658	19.00	20.00	1.00	<5	171	0.67
			779659	20.00	21.00	1.00	<5	130	0.25
			779660	21.00	22.00	1.00	<5	64	0.18
			779661	22.00	23.00	1.00	<5	53	0.13
			779662	23.00	24.00	1.00	<5	33	0.04
			779663	24.00	25.00	1.00	<5	<5	0.01
			779664	25.00	26.00	1.00	<5	69	0.06
		26.7-27.0: White quartz vein with chloritic inclusions - contacts irregular	779665	26.00	27.00	1.00	<5	22	0.01
			779666	27.00	28.00	1.00	5	202	0.09
		28.3-30.5: low angle schistosity/shearing, 3-5% po as streaks of schistosity planes	779667	28.00	29.00	1.00	8	242	0.12
			779668	29.00	30.00	1.00	<5	1026	1.73
			779669	30.00	31.00	1.00	<5	247	1.06
			779670	31.00	32.00	1.00	<5	7	0.03
			779671	32.00	33.00	1.00	<5	21	0.04
33.50	38.00	**Mafic Tuff with sulphides:** Similar to the above with 0-10% pyrrhotite (5% overall) as streaks on foliation planes and as fracture fillings at low core angles. Bedding/schistosity ≈ 40° to CA.	779672	33.00	34.00	1.00	<5	80	0.33
			779673	34.00	35.00	1.00	<5	296	1.48
			779674	35.00	36.00	1.00	64	449	2.47
			779675	36.00	37.00	1.00	50	146	0.60
		36.8-37.5: Chert fragments make up 10-15% of rock	779676	37.00	38.00	1.00	14	38	0.38
38.00	54.10	**Mafic Tuff:** As above, fairly homogeneous, bedding/schistosity @ 30-40° to CA. Minor pyrrhotite at 39.45-39.95, 41.3-41.6, 42.3-42.4	779677	38.00	39.00	1.00	<5	68	0.42
			779678	39.00	40.00	1.00	7	54	0.37
			779679	40.00	41.00	1.00	<5	45	0.21
			779680	41.00	42.00	1.00	<5	64	0.43

From	To	Description	Sample	From	To	Length	Au ppm	Cu ppm	S%
38.00	54.10	*(continued)*	779681	42.00	43.00	1.00	<5	19	0.13
			779682	43.00	44.00	1.00	<5	37	0.13
		44.1-44.25: Tiny feldspar(?) laths pseudomorphed by carbonate (crystal tuff or a large block of porphyritic lava?)	779683	44.00	45.00	1.00	<5	<5	0.02
			779684	45.00	46.00	1.00	<5	<5	0.01
			779685	46.00	47.00	1.00	<5	40	0.19
			779686	47.00	48.00	1.00	18	30	0.23
			779687	48.00	49.00	1.00	18	20	0.14
			779688	49.00	50.00	1.00	<5	277	0.43
			779689	50.00	51.00	1.00	<5	97	0.09
			779690	51.00	52.00	1.00	<5	20	0.02
			779691	52.00	53.00	1.00	<5	11	0.02
			779692	53.00	54.00	1.00	<5	34	0.19
54.10	59.00	**Crystal-lithic Tuff:** similar to the above but with dark crystals (amphibole after pyroxene?) and dark quartz eyes, all <1 mm	779693	54.00	55.00	1.00	<5	<5	0.01
			779694	55.00	56.00	1.00	<5	<5	0.01
			779695	56.00	57.00	1.00	<5	<5	0.01
			779696	57.00	58.00	1.00	<5	<5	0.01
			779697	58.00	59.00	1.00	<5	<5	0.01
59.00	78.00	**Tuff:** Medium green lithic tuff with intervals of lithic-crystal tuff. Lithic clsts get larger downhole. Bedding/schistosity is consistent at 40-50° to CA. Minor pyrrhotite at 64.8-64.9, 67.8 and 73.5-74.2 m. Lower contact is arbitrary and gradational.	779698	59.00	60.00	1.00	<5	63	0.02
			779699	60.00	61.00	1.00	12	50	0.01
			779700	61.00	62.00	1.00	<5	89	0.09
			779701	62.00	63.50	1.50	<5	161	0.07
			779702	63.50	65.00	1.50	<5	99	0.08
			779703	65.00	66.50	1.50	<5	130	0.14
			779704	66.50	68.00	1.50	<5	53	0.15
			779705	68.00	69.50	1.50	<5	45	0.21
			779706	69.50	71.00	1.50	<5	29	0.23
			779707	71.00	72.50	1.50	<5	29	0.14
			779708	72.50	74.00	1.50	<5	55	0.31
			779709	74.00	75.50	1.50	<5	24	0.04
			779710	75.50	77.00	1.50	6	490	0.06
			779711	77.00	78.50	1.50	8	52	0.05
78.00	85.00	**Tuff:** As 59-78 m but very talcy with abundant carbonate segregations. Rock does not look ultramafic, so this may be magnesium and carbonate alteration. Minor pyrrhotite at 78.2-78.3, 79.6-80.4, 81.1-81.3, 82.0-82.5, 82.8-83.1 and 84.3 m.	779712	78.50	80.00	1.50	<5	132	0.57
			779713	80.00	81.50	1.50	<5	122	0.99
			779714	81.50	83.00	1.50	<5	91	0.81
			779715	83.00	84.50	1.50	20	57	0.28
			779716	84.50	86.00	1.50	<5	21	0.04

From	To	Description	Sample	From	To	Length	Au ppm	Cu ppm	S%
85.00	97.70	**Tuff:** As above, becoming less talcy downhole, bedding/schistosity @ 40-45° to CA	779717	86.00	87.50	1.50	<5	77	0.02
			779718	87.50	89.00	1.50	<5	<5	0.01
			779719	89.00	90.50	1.50	<5	8	0.10
		90.3-90.7; 91.1-91.3: Minor po	779720	90.50	92.00	1.50	17	15	0.19
			779721	92.00	93.50	1.50	<5	14	0.15
		92.8-94.5: A few cherty bands	779722	93.50	95.00	1.50	<5	<5	0.01
			779723	95.00	96.50	1.50	10	13	0.10
			779724	96.50	98.00	1.50	22	21	0.36
97.70	100.50	**Tuff with Chert:** Tuff as above with ≈ 30% of the rock made up of angular chert fragments. A few intact chert beds up to 1 cm thick. 3-5% pyrrhotite as streaks on foliation and clusters of fine po in and at the margins of chert fragments.	779725	98.00	99.00	1.00	47	111	1.10
			779726	99.00	100.00	1.00	<5	90	1.17
			779727	100.00	101.00	1.00	25	81	0.29
100.50	105.00	**Tuff:** As above. Bedding/schistosity starts at 40° to CA, swings to 20° and back to 40° at 104 m.	779728	101.00	102.00	1.00	8	49	0.54
		101.0-102.0: 2-3% po	779729	102.00	103.00	1.00	<5	18	0.27
		103.6-104.2: 2-3% po	779730	103.00	104.00	1.00	<5	14	0.44
			779731	104.00	105.00	1.00	9	35	0.40
105.00	137.00	**Tuff with Sulphides:** Tuff as above with 3-5% po throughout as streaks on foliation planes and irregular clots. Bedding/sch @ 35-45°	779732	105.00	106.00	1.00	6	55	0.62
			779733	106.00	107.00	1.00	36	71	0.94
			779734	107.00	108.00	1.00	24	69	0.78
			779735	108.00	109.00	1.00	217	195	2.35
			779736	109.00	110.00	1.00	47	169	2.11
			779737	110.00	111.00	1.00	417	287	3.56
			779738	111.00	112.00	1.00	352	321	2.92
			779739	112.00	113.00	1.00	324	427	4.05
			779740	113.00	114.00	1.00	538	448	4.24
			779741	114.00	115.00	1.00	158	356	3.21
			779742	115.00	116.00	1.00	97	222	2.67
		116.5-117.0: Irregular quartz bands	779743	116.00	117.00	1.00	20	205	2.24
			779744	117.00	118.00	1.00	118	120	1.91
			779745	118.00	118.90	0.90	39	58	0.89
		118.9-119.4: white quartz vein with chloritic inclusions that carry fine po. Upper contact irregular, lower contact conformable.	779746	118.90	119.90	1.00	72	50	0.77
		119.7-119.85: Irregular white quartz vein with pyrrhotite at contacts	779747	119.90	121.00	1.10	14	55	1.00
			779748	121.00	122.00	1.00	34	100	1.78
			779749	122.00	123.00	1.00	11	126	1.93
			779750	123.00	124.00	1.00	<5	127	2.42
			779751	124.00	125.00	1.00	7	62	1.20
			779752	125.00	126.00	1.00	35	32	0.63

From	To	Description	Sample	From	To	Length	Au ppm	Cu ppm	S%
105.00	137.00	*(continued)*	779753	126.00	127.00	1.00	90	84	1.19
		126.4-126.55: White quartz with pyrrhotite clots. 126.55-126.8: irregular chunks of white quartz	779754	127.00	128.00	1.00	337	216	2.94
			779755	128.00	129.20	1.20	414	140	1.86
		129.45-129.55: Irregular mass of white quartz with clots of massive pyrrhotite at contacts	779756	129.20	129.60	0.40	108	191	3.35
			779757	129.60	131.00	1.40	12	32	0.62
			779758	131.00	132.00	1.00	<5	11	0.06
			779759	132.00	133.70	1.70	452	135	1.88
		133.80-133.85: White quartz with massive pyrrhotite clots.	779760	133.70	134.10	0.40	151	68	2.29
			779761	134.10	135.00	0.90	<5	47	0.87
			779762	135.00	136.00	1.00	<5	39	0.58
			779763	136.00	137.00	1.00	<5	6	0.02
137.00	148.00	**Tuff:** As above. Bedding/schistosity ≈ 45° to CA. Minor intermittent pyrrhotite to 143 m. No sulphides after 143.	779764	137.00	138.50	1.50	<5	11	0.18
			779765	138.50	140.00	1.50	<5	21	0.23
			779766	140.00	141.50	1.50	26	112	0.63
			779767	141.50	143.00	1.50	<5	49	0.65
148.00	152.00	**Tuff with Talc-carbonate Alteration:** Bedding/schistosity @ 45° to CA. No sulphides							
152.00	162.00	**Tuff:** As above, very monotonous. Carbonate as seams and fracture fillings. No sulphides.							
162.00	169.00	**Tuff with minor sulphides:** Bedding/schistosity @ 40-45° to CA. 1-2% pyrrhotite streaks on foliation planes	779768	162.50	164.00	1.50	<5	130	0.04
		162.8-164.1: Chert bands up to 1 cm thick make up 10-15% of the rock	779769	164.00	165.50	1.50	<5	73	0.16
			779770	165.50	167.00	1.50	<5	72	0.08
			779771	167.00	168.50	1.50	<5	129	0.04
169.00	175.50	**Tuff with chert and minor sulphides:** Darker grey than the foregoing, contains minor graphite. Chert forms up to 20% of the rock as broken chunks or conformable bands up to 1 cm thick. 1-2% pyrrhotite as streaks on foliation planes and clusters at margins of chert fragments.	779772	168.50	170.00	1.50	<5	108	0.04
			779773	170.00	171.00	1.00	<5	11	0.08
			779774	171.00	172.00	1.00	<5	16	0.14
			779775	172.00	173.00	1.00	<5	25	0.21
			779776	173.00	174.00	1.00	<5	58	0.67
			779777	174.00	175.00	1.00	<5	96	0.74
175.50	178.10	**Tuff:** As above, 1-2% pyrrhotite	779778	175.00	176.00	1.00	<5	72	0.47
			779779	176.00	177.00	1.00	<5	59	0.47
			779780	177.00	178.00	1.00	<5	108	0.46
178.10	181.40	**Tuff with chert and minor sulphides:** As 169-175.5	779781	178.00	179.00	1.00	<5	88	0.50
			779782	179.00	180.00	1.00	<5	88	0.16
			779783	180.00	181.00	1.00	<5	82	0.24
181.40	186.20	**Tuff:** As above, 1-2% pyrrhotite	779784	181.00	182.00	1.00	<5	103	0.96
			779785	182.00	183.00	1.00	<5	51	0.46
			779786	183.00	184.00	1.00	<5	92	0.86

From	To	Description	Sample	From	To	Length	Au ppm	Cu ppm	S%
181.40	186.20	*(continued)*	779787	184.00	185.00	1.00	<5	77	0.77
			779788	185.00	186.00	1.00	<5	86	0.82
186.20	195.80	**Graphitic Tuff with Chert and Minor Sulphides:** Similar to 169-175.5 but much more graphitic. This will be a conductor. 1-2% po.	779789	186.00	187.00	1.00	<5	58	0.62
			779790	187.00	188.00	1.00	<5	74	0.77
			779791	188.00	189.00	1.00	6	79	0.69
			779792	189.00	190.00	1.00	<5	59	0.52
			779793	190.00	191.00	1.00	<5	12	0.35
			779794	191.00	192.00	1.00	6	72	0.50
			779795	192.00	193.00	1.00	<5	64	0.35
			779796	193.00	194.00	1.00	7	117	0.83
			779797	194.00	195.00	1.00	<5	56	0.37
			779798	195.00	196.00	1.00	<5	41	0.18
195.80	209.90	**Graphitic Tuff:** As above but less graphite, no chert and ≈ 1% po. Some sections are talcy.	779799	196.00	197.00	1.00	<5	63	0.13
			779800	197.00	198.00	1.00	<5	63	0.06
			779801	198.00	199.00	1.00	16	111	0.22
			779802	199.00	200.00	1.00	<5	84	0.83
			779803	200.00	201.00	1.00	<5	70	0.34
			779804	201.00	202.00	1.00	<5	75	0.02
			779805	202.00	203.00	1.00	<5	62	0.05
			779806	203.00	204.00	1.00	<5	75	0.07
			779807	204.00	205.00	1.00	<5	63	0.08
			779808	205.00	206.00	1.00	<5	103	0.61
			779809	206.00	207.00	1.00	<5	50	0.54
			779810	207.00	208.00	1.00	<5	110	0.59
			779811	208.00	209.00	1.00	<5	206	0.12
			779812	209.00	209.90	0.90	<5	76	0.19
209.90	210.70	**Quartz Vein Zone:** Tuff as above with quartz veins at 210.0 (1 cm), 210.1 (3 cm) and 210.0-210.7 with chloritic inclusions	779813	209.90	210.70	0.80	<5	12	0.03
210.70	215.00	**Tuff with Talcy Alteration:** Bedding/schistosity @ 30-35° to CA. No sulphides	779814	210.70	212.00	1.30	<5	13	0.02
			779815	212.00	213.00	1.00	<5	106	0.02
			779816	213.00	214.00	1.00	<5	59	0.01
			779817	214.00	215.00	1.00	<5	92	0.02

215.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-03

DIAMOND DRILL LOG

Hole No.	**SP21-03**
Dip	**-50°**
Depth	**251 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563360E 5363006N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	
Logged By	**Colin Bowdidge**
Comments:	**Results:** **12.00-13.00: 1.00 m @ 2.11 g/tAu** **and** **19.00-22.00: 3.00 m @ 2.92 g/t Au** **and** **53.00-68.00: 15.00 m @ 2.36 g/t Au** **including** **54.00-58.00: 4.00 m @ 5.29 g/t Au** **including** **57.00-58.00: 1.00 m @ 11.33 g/t Au**

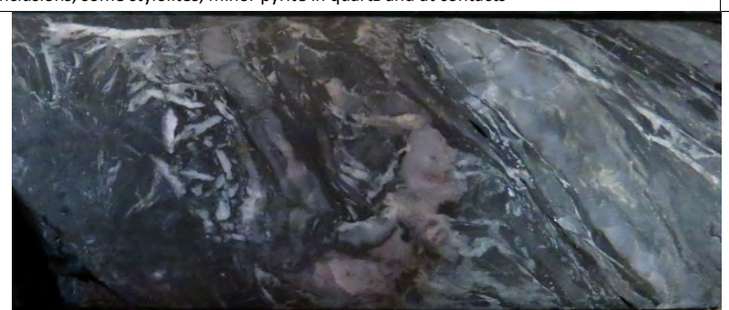
Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-50.1	*
50.0	-49.0	*
80.0	-48.2	89.5
110.0	-47.0	91.9
140.0	-45.4	91.7
170.0	-44.3	94.1
230.0	-39.2	95.9

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
0.00	2.70	**Casing**							
2.70	14.00	**Tuff with Sulphides:** Dark grey mafic lithic tuff, bedding/schistosity @ 40-50° to CA. ≈ 5% pyrrhotite throughout as streaks and bands with up to 25% po over intervals up to 30 cm, esp 11.0-12.0 m. Minor cpy.	779818	3.00	5.00	2.00	22	21	0.37
			779819	5.00	6.00	1.00	61	62	0.81
			779820	6.00	7.00	1.00	24	123	1.36
			779821	7.00	8.00	1.00	55	19	0.32
			779822	8.00	9.00	1.00	7	8	0.12
			779823	9.00	10.00	1.00	10	25	0.25
			779824	10.00	11.00	1.00	152	95	1.16
			779825	11.00	12.00	1.00	44	70	0.52
			779826	12.00	13.00	1.00	2105	976	7.79
		13.3-13.45; 13.55-13.65: White quartz veins with rusty cavities (weathered out sulphides)	779827	13.00	14.00	1.00	<5	54	0.42
14.00	19.00	**Tuff:** As above but minimal sulphides	779828	14.00	15.00	1.00	217	40	0.14
			779829	15.00	16.00	1.00	64	244	1.40
			779830	16.00	17.00	1.00	35	66	0.54
			779831	17.00	18.00	1.00	47	131	0.98
			779832	18.00	19.00	1.00	48	102	0.39
19.00	47.00	**Tuff with Sulphides:** As above**.** Sulphides are po»py»cpy. Several short sections with brecciated chert.	779833	19.00	20.00	1.00	2326	608	3.54
			779834	20.00	21.00	1.00	5244	648	5.81
			779835	21.00	22.00	1.00	1178	236	1.24
			779836	22.00	23.00	1.00	46	183	2.24
			779837	23.00	24.00	1.00	46	271	2.76
			779838	24.00	25.00	1.00	10	416	2.79
			779839	25.00	26.00	1.00	<5	244	2.74
			779840	26.00	27.00	1.00	97	252	1.98
			779841	27.00	28.00	1.00	84	368	2.66
			779842	28.00	29.00	1.00	26	443	2.84
			779843	29.00	30.00	1.00	727	239	2.61
			779844	30.00	31.00	1.00	24	200	2.11
			779845	31.00	32.00	1.00	10	245	2.88
			779846	32.00	33.00	1.00	<5	206	2.91
			779847	33.00	34.00	1.00	80	377	3.35
			779848	34.00	35.00	1.00	9	196	1.87
			779849	35.00	36.00	1.00	12	414	3.52
			779850	36.00	37.00	1.00	258	137	1.30
			779851	37.00	38.00	1.00	17	312	3.44
			779852	38.00	39.00	1.00	33	759	6.22

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
19.00	47.00	(continued)	779853	39.00	40.00	1.00	10	190	1.29
			779854	40.00	41.00	1.00	78	60	0.43
			779855	41.00	42.00	1.00	11	<5	0.04
			779856	42.00	43.00	1.00	10	<5	0.02
			779857	43.00	44.00	1.00	11	<5	0.03
			779858	44.00	45.00	1.00	27	66	1.25
			779859	45.00	46.00	1.00	23	131	2.31
			779860	46.00	47.00	1.00	36	37	0.75
47.00	51.00	**Tuff with Chert and Sulphides:** Rock is over 50% grey chert chunks. Bedding/schistosity @ ±50° to CA	779861	47.00	48.00	1.00	426	131	2.09
			779862	48.00	49.00	1.00	199	143	3.31
			779863	49.00	50.00	1.00	39	206	4.70
			779864	50.00	51.00	1.00	23	149	3.04
51.00	53.20	**Tuff:** Greenish colour, no sulphides.	779865	51.00	52.00	1.00	37	6	0.06
			779866	52.00	53.00	1.00	23	141	0.20
53.20	67.50	**Tuff with Sulphides:** Bedding/schistosity @ 50-60° to CA. Pyrrhotite averages 20% with sections up to 60%. Lesser py, v minor cpy.	779867	53.00	54.00	1.00	750	505	4.13
			779868	54.00	55.00	1.00	1972	1044	8.21
		This section was re-assayed for gold using screened metallics - see end of log	779869	55.00	56.00	1.00	4133	959	8.81
			779870	56.00	57.00	1.00	3735	944	6.98
			779871	57.00	58.00	1.00	11333	1199	8.36
			779872	58.00	59.00	1.00	719	795	4.98
			779873	59.00	60.00	1.00	1262	1264	6.90
			779874	60.00	61.00	1.00	556	910	6.05
			779875	61.00	62.00	1.00	1747	1547	8.19
			779876	62.00	63.00	1.00	481	820	3.94
			779877	63.00	64.00	1.00	1071	806	6.86
			779878	64.00	65.00	1.00	847	877	7.71
			779879	65.00	66.00	1.00	3181	1079	8.61
			779880	66.00	67.00	1.00	2032	1099	8.42
			779881	67.00	68.00	1.00	1631	575	6.04
67.50	85.20	**Tuff:** Minimal sulphides. Bedding/schistosity @ 30-40° to CA.	779882	68.00	69.00	1.00	26	33	0.62
			779883	69.00	70.00	1.00	<5	<5	0.11
			779884	70.00	71.00	1.00	<5	5	0.14
			779885	71.00	72.00	1.00	<5	<5	0.02
			779886	72.00	73.00	1.00	58	<5	0.03
		72.8-73.2: 1 cm quartz parallel to CA; and 73.55-73.90: white quartz vein with wallrock inclusions.	779887	73.00	74.00	1.00	114	<5	0.09
			779888	74.00	75.00	1.00	<5	<5	0.02

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
67.50	85.20	*(continued)*	779889	75.00	76.50	1.50	9	9	0.05
			779890	76.50	78.00	1.50	7	<5	0.04
			779891	78.00	79.50	1.50	<5	5	0.04
			779892	79.50	81.00	1.50	7	6	0.05
			779893	81.00	82.50	1.50	<5	<5	0.01
			779894	82.50	84.00	1.50	<5	66	0.20
			779895	84.00	85.20	1.20	<5	24	0.05
85.20	86.60	**Lost Core**							
86.60	93.70	**Tuff:** As above.	779896	86.60	88.00	1.40	11	39	0.26
			779897	88.00	89.50	1.50	6	29	0.06
			779898	89.50	91.00	1.50	7	22	0.02
			779899	91.00	92.50	1.50	7	92	0.06
			779900	92.50	93.50	1.00	<5	22	0.26
93.70	97.30	**Tuff with minor sulphides:**	794001	93.50	94.50	1.00	16	22	0.42
			794002	94.50	95.50	1.00	<5	33	0.83
			794003	95.50	96.50	1.00	5	14	0.49
			794004	96.50	97.50	1.00	<5	45	0.99
97.30	142.10	**Tuff:** Bedding/schistosity consistent at ±45° to CA. Minor graphite at 102-103, 110.5-111.0, 125-126 m.	794005	97.50	98.50	1.00	<5	27	0.02
			794006	98.50	99.50	1.00	7	62	0.01
			794007	99.50	100.50	1.00	7	69	0.03
		124.5-142.1: Talcy alteration. Minor po at 132.9 and 141.6	794008	141.50	143.00	1.50	<5	68	0.22
142.10	159.20	**Graphitic Tuff:** Sections with heavy graphite alternating with talcy, less graphitic sections.	794009	143.00	144.50	1.50	8	83	0.17
		141.8: Minor po	794010	144.50	146.00	1.50	<5	49	0.16
			794011	146.00	147.50	1.50	5	64	0.28
			794012	147.50	149.00	1.50	<5	13	0.10
		149.3-149.5: White quartz with chloritic inclusions	794013	149.00	150.50	1.50	<5	41	0.44
			794014	150.50	152.00	1.50	<5	150	1.00
		152.5-154.7: Minor po streaks	794015	152.00	153.50	1.50	<5	162	1.38
		154.6-155.1: Very talcy.	794016	153.50	155.00	1.50	<5	136	1.37
			794017	155.00	156.50	1.50	<5	68	0.67
			794018	156.50	158.00	1.50	<5	88	0.97
159.20	159.35	**Fault Gouge**	794019	158.00	159.50	1.50	7	95	1.13
159.35	161.10	**Tuff:** Pale coloured, possibly more felsic composition or sericitic alteration. Bedding/schistosity ≈ 45° to CA	794020	159.50	161.00	1.50	<5	77	0.03
161.10	164.10	**Tuff with Chert:** Typical tuff, sometimes with minor graphite. From 20% to 50% of the rock is grey chert as bands up to 5 mm thick, mostly broken and contorted. White quartz (recrystallized chert) as 1-2 cm bands. Minor po and py as streaks, and locally as nests in chert.	794021	161.00	162.50	1.50	<5	89	0.16
			794022	162.50	164.00	1.50	<5	68	0.17

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
164.10	179.35	**Tuff:** Alternating mildly graphitic tuff and non-graphitic tuff with chert, all as above. Bedding/schistosity consistent at 45° to CA, but steepens to 60° from 170 to 173 m. Minor po 166.5-168.0	794023	164.00	165.50	1.50	<5	89	0.72
			794024	165.50	167.00	1.50	<5	83	0.73
			794025	167.00	168.50	1.50	<5	85	0.65
			794026	168.50	170.00	1.50	<5	77	0.05
		170.7-171.25: Very abundant grey chert bands	794027	170.00	171.50	1.50	<5	65	0.18
			794028	171.50	173.00	1.50	<5	63	0.05
			794029	173.00	174.50	1.50	<5	79	0.32
			794030	174.50	175.70	1.20	<5	75	0.21
			794031	175.70	176.90	1.20	<5	63	0.16
		176.9-177.25; 177.4-177.75: White quartz veins with wallrock inclusions, some stylolites, minor pyrite in quartz and at contacts	794032	176.90	178.80	1.90	5	54	1.00
		177.75-178.00: Rock is >50% chert as thin bands and broken chunks 							
		178.00-179.35: Graphitic section with 1-2% pyrite	794033	178.80	179.00	0.20	<5	123	2.51
179.35	186.80	**Tuff:** Thinly bedded at 45° to CA and monotonous. Traces pyrite.	794034	179.00	180.50	1.50	<5	37	0.38
			794035	180.50	182.00	1.50	<5	23	0.03
			794036	182.00	183.50	1.50	<5	33	0.03
			794037	183.50	185.00	1.50	<5	17	0.02
			794038	185.00	186.50	1.50	<5	17	0.02
186.80	247.10	**Tuff:** Alternating graphitic and non-graphitic sections, as 164.1-179.35, more graphitic sections are intensely contorted. Minor py.	794039	186.50	188.00	1.50	<5	53	0.16
		189.35-189.6: Sigmoidal fold 	794040	188.00	189.50	1.50	<5	25	0.03
			794041	189.50	191.00	1.50	<5	34	0.09
			794042	191.00	192.50	1.50	<5	16	0.09
			794043	192.50	194.00	1.50	<5	44	0.17
			794044	194.00	195.50	1.50	<5	66	0.53
			794045	195.50	197.00	1.50	10	64	0.45
		189.8-190.6: Several chunks of white quartz, no sulphides.	794046	197.00	198.50	1.50	<5	69	0.78
		190.6-191.25: Another sigmoidal fold with the middle limb at 90° to CA	794047	198.50	200.00	1.50	<5	64	0.60
		200.5-201.5: Several quartz bands and lenses, some with minor po.	794048	200.00	201.50	1.50	<5	92	1.21

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
186.80	247.10	*(continued)*	794049	201.50	203.00	1.50	<5	80	1.32
			794050	203.00	204.50	1.50	13	108	1.60
		203.5-207.0: Highly contorted graphitic section with overall foliation sub-parallel to CA	794051	204.50	206.00	1.50	9	110	1.66
			794052	206.00	207.50	1.50	5	82	0.85
			794053	207.50	209.00	1.50	<5	76	0.85
			794054	209.00	210.50	1.50	5	81	0.90
		211.1-211.35: Quartz with po as clusters and clots.	794055	210.50	212.00	1.50	5	89	1.00
		212.6-212.75: Irregular quartz vein with po clusters	794056	212.00	213.50	1.50	<5	115	0.75
		214.4-214.9: Several quartz bands, minor po at contacts	794057	213.50	215.00	1.50	<5	87	1.12
			794058	215.00	216.50	1.50	<5	77	0.68
			794059	216.50	218.00	1.50	5	75	0.71
			794060	218.00	219.50	1.50	<5	83	1.16
			794061	219.50	221.00	1.50	<5	72	0.73
			794062	221.00	222.50	1.50	5	87	0.79
		221.7-223.9: Quartz bands and minor po	794063	222.50	224.00	1.50	<5	87	0.84
			794064	224.00	225.50	1.50	<5	62	0.64
			794065	225.50	227.00	1.50	<5	79	0.87
			794066	227.00	228.50	1.50	<5	100	1.19
		228.8-229.1: Contorted section with chert/quartz bands	794067	228.50	230.00	1.50	<5	71	0.66
		230.6-230.8: White quartz vein, po clots at contacts	794068	230.00	231.00	1.00	<5	77	0.78
			794069	231.00	232.50	1.50	7	77	1.46
			794070	232.50	234.00	1.50	<5	67	0.53
			794071	234.00	235.50	1.50	<5	75	0.88
		236.3-237.9: Contorted section with chert/quartz bands	794072	235.50	237.00	1.50	<5	66	0.63
		237-247: Bedding/schistosity mostly at 60-75° to CA	794073	237.00	238.50	1.50	<5	44	0.15
		237.9-238.1: Quartz vein, po on the irregular contacts	794074	238.50	240.00	1.50	<5	80	0.14
		238.6-239.2: Contorted section with chert/quartz bands	794075	240.00	241.50	1.50	<5	66	0.10
		242.5-243.1: Contorted section with chert/quartz bands	794076	241.50	243.00	1.50	<5	53	0.20
		244.0-245.4: Thinly laminated (sediment?) with 1% po streaks on foliation planes	794077	243.00	244.50	1.50	<5	47	0.08
			794078	244.50	245.50	1.00	<5	34	0.03
			794079	245.50	247.00	1.50	<5	87	0.05
247.10	251.00	**Tuff:** Distinct green colour, moderately talcy. Bedding/schistosity is back to 50° to CA	794080	247.00	248.50	1.50	<5	53	0.01
			794081	248.50	251.00	2.50	<5	87	0.03

251.00 - End of Hole

Comparison of 30-gram fire assay and screened metallics fire assay							
Sample	**From**	**To**	**Length**	**Au ppb**	**Au Met**	**% change FA to Met**	**Percent of gold in +150 nesh fraction**
779867	53.00	54.00	1.00	**750**	**700**	**-7%**	**0.0%**
779868	54.00	55.00	1.00	**1972**	**2582**	**+31%**	**5.2%**
779869	55.00	56.00	1.00	**4133**	**3495**	**-15%**	**1.2%**
779870	56.00	57.00	1.00	**3735**	**4003**	**+7%**	**2.9%**
779871	57.00	58.00	1.00	**11333**	**11110**	**-2%**	**3.0%**
779872	58.00	59.00	1.00	**719**	**5680**	**+790%**	**1.8%**
779873	59.00	60.00	1.00	**1262**	**1893**	**+50%**	**3.0%**
779874	60.00	61.00	1.00	**556**	**602**	**+8%**	**6.1%**
779875	61.00	62.00	1.00	**1747**	**1563**	**-11%**	**16.9%**
779876	62.00	63.00	1.00	**481**	**697**	**+45%**	**1.8%**
779877	63.00	64.00	1.00	**1071**	**1083**	**+1%**	**2.1%**
779878	64.00	65.00	1.00	**847**	**1531**	**+8%**	**4.8%**
779879	65.00	66.00	1.00	**3181**	**2098**	**-34%**	**0.1%**
779880	66.00	67.00	1.00	**2032**	**2719**	**+34%**	**3.4%**
779881	67.00	68.00	1.00	**1631**	**2632**	**+61%**	**12.8%**
Averages	**53.00**	**68.00**	**15.00**	**2363**	**2826**	**+20%**	**3.9%**

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-04

DIAMOND DRILL LOG

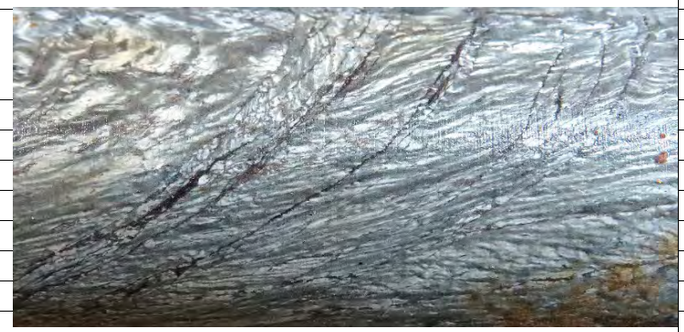
Hole No.	**SP21-04**
Dip	**-60°**
Depth	**263.3 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563344E 5363003N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	
Logged By	**Colin Bowdidge**
Comments:	**Results:** **48.00-52.00: 4.00 m @ 1.84 g/t Au** **and** **83.00-85.00: 2.00 m @ 1.29 g/t Au** **and** **100.00-105.00: 5.00 m @ 0.84 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
50.0	-58.3	*
80.0	-57.4	*
110.0	-56.4	*
140.0	-55.4	93.6
200.0	-54.1	95.3
230.0	-52.7	95.3
260.0	-51.5	95.0

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
0.00	5.90	**Casing**							
5.90	24.90	**Tuff:** Mafic composition, medium grey, lithic clasts are small and well flattened. Bedding/scistosity @ 30-40° to CA.							
		8.3-9.3: Abundant broken up chert bands							
		12.0-18.0: Lighter colour - intermediate composition?							
		1803-18.4: Mass of white quartz.							
24.90	29.50	**Mafic Volcanic (possibly intrusive):** Massive to weakly schistose as the contacts are approached. Porphyritic with 1-2 mm mafic phenocrysts. Contacts are had to pinpoint.	794082	27.00	28.00	1.00	<5	31	0.18
			794083	28.00	29.00	1.00	11	24	0.09
29.50	47.40	**Tuff:** As above, scattered chert/quartz layers. No sulphides. Bedding/schistosity at 10-20° to CA	794084	29.00	30.00	1.00	<5	27	0.24
			794085	30.00	31.00	1.00	7	155	1.04
		31-43: Bedding/schistosity ≈ 30° to CA	794086	31.00	32.00	1.00	<5	299	1.38
			794087	32.00	33.00	1.00	7	25	0.08
			794088	33.00	34.00	1.00	<5	107	0.41
		43-47.4: Bedding/schistosity swings back to 10° to CA							
47.40	48.10	**Tuff with Chert:** About 30% of the rock is narrow chert bands, mostly broken up. Core angles variable	794089	46.50	48.00	1.50	54	284	1.74
48.10	53.00	**Tuff with Sulphides:** Tuff as above with 10-30% pyrrhotite as streaks and irregular disseminations. Bedding/schistosity ≈ 30° to CA	794090	48.00	49.00	1.00	3782	813	7.2
			794091	49.00	50.00	1.00	2185	979	7.17
			794092	50.00	51.00	1.00	374	798	5
		51.3-53.0: Abundant broken chert bands.	794093	51.00	52.00	1.00	1004	420	3
			794094	52.00	53.00	1.00	447	269	1.97
53.00	69.50	**Tuff:** As above, no sulphides	794095	53.00	54.00	1.00	9	24	0.21
			794096	54.00	55.00	1.00	<5	142	0.81
			794097	55.00	56.00	1.00	<5	119	0.87
			794098	56.00	57.50	1.50	5	58	0.37
			794099	57.50	59.00	1.50	<5	6	0.05
			794100	59.00	60.50	1.50	15	7	0.08
		60.0-63.0: Chert bands and broken chunks	794101	60.50	62.00	1.50	41	13	0.13
			794102	62.00	63.50	1.50	<5	38	0.1
			794103	63.50	65.00	1.50	272	54	0.22
		64.5-67.0: Chert bands and broken chunks with 1-2% po at 66.0-67.0 m	794104	65.00	66.00	1.00	116	20	0.19
			794105	66.00	67.00	1.00	312	268	2.04
			794106	67.00	68.00	1.00	<5	37	0.31
			794107	68.00	69.00	1.00	<5	60	0.41
69.50	85.00	**Tuff with chert and sulphides:** Most of this section has 20-50% of chert as broken fragments and shards, and 10-30% pyrrhotite with lesser pyrite and minor cpy. Much of this section appears to consist of broken chert fragments in a sulphide mud - the proportion of lithic clasts becomes minimal in places.	794108	69.00	70.00	1.00	96	202	2.23
			794109	70.00	71.00	1.00	130	206	2.34
			794110	71.00	72.00	1.00	<5	315	3.88
			794111	72.00	73.00	1.00	13	439	3.73

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
69.50	85.00	(continued)	794112	73.00	74.00	1.00	30	411	2.51
			794113	74.00	75.00	1.00	65	244	1.84
			794114	75.00	76.00	1.00	160	360	3.11
			794115	76.00	77.00	1.00	170	484	3.82
			794116	77.00	78.00	1.00	101	603	3.92
			794117	78.00	79.00	1.00	13	404	3.59
		79.2-79.4: Broken core due to fractures parallel to CA	794118	79.00	80.00	1.00	123	332	2.81
			794119	80.00	81.00	1.00	23	329	3.34
			794120	81.00	82.00	1.00	234	375	3.99
			794121	82.00	83.00	1.00	422	437	3.68
			794122	83.00	84.00	1.00	1515	351	4.68
			794123	84.00	85.00	1.00	1067	477	4.43
85.00	86.20	**Tuff:** Greenish, homogeneous, bedding/schistosity at 35° to CA	794124	85.00	86.00	1.00	42	489	1.16
86.20	88.00	**Tuff with Chert and Sulphides:** As above	794125	86.00	87.00	1.00	5	30	0.34
			794126	87.00	88.00	1.00	56	50	0.52
88.00	93.60	**Tuff:** Typical, Bedding/schistosity ≈ 45° to CA	794127	88.00	89.00	1.00	40	98	1.37
			794128	89.00	90.00	1.00	240	86	1.44
			794129	90.00	91.00	1.00	83	75	1.47
			794130	91.00	92.00	1.00	39	110	1.34
			794131	92.00	93.00	1.00	196	214	2.19
			794132	93.00	94.00	1.00	152	407	3.42
93.60	111.20	**Chert with Sulphides:** Very little pyroclastic, volcanic or clastic sedimentary material. Some sections are thinly laminated chert with minor po, but most of the section is a breccia of chert fragments (and a few vein quartz fragments) in a matrix of pyrrhotite with minor cpy. Pyrite is present as cubes and may be later than the po-cpy. Sulphide content varies from<1% to >25%	794133	94.00	95.00	1.00	169	598	4.66
			794134	95.00	96.00	1.00	49	267	2.42
			794135	96.00	97.00	1.00	18	313	2.35
			794136	97.00	98.00	1.00	44	318	2.43
			794137	98.00	99.00	1.00	85	384	2.6
			794138	99.00	100.00	1.00	61	236	2.45
			794139	100.00	101.00	1.00	1233	602	4.17
			794140	101.00	102.00	1.00	277	512	3.29
			794141	102.00	103.00	1.00	1129	411	3.27
			794142	103.00	104.00	1.00	809	482	3.82
			794143	104.00	105.00	1.00	760	456	3.97
			794144	105.00	106.00	1.00	42	290	2.96
			794145	106.00	107.00	1.00	552	631	5.27
			794146	107.00	108.00	1.00	523	966	6.88
			794147	108.00	109.00	1.00	589	309	2.91

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
93.60	111.20	(continued)	794148	109.00	110.00	1.00	52	406	3.11
			794149	110.00	111.00	1.00	27	202	1.05
111.20	127.10	**Tuffwith Sulphides:** Typical tuff with up to 30% pyrrhotite as streaks on foliation planes and irregular clots and clumps. Bedding/schistosity varies from 25° to 60° to CA. Minor pyrite on foliation planes	794150	111.00	112.00	1.00	12	169	2.44
			794151	112.00	113.00	1.00	163	61	0.92
		113.1-113.7; 114.4-114.9: Chert-sulphide breccia as 93.6-111.2, with one section of unbrecciated chert 	794152	113.00	114.00	1.00	30	147	2.26
			794153	114.00	115.00	1.00	13	98	1.11
			794154	115.00	116.00	1.00	21	101	1.51
			794155	116.00	117.00	1.00	20	70	1.07
			794156	117.00	118.00	1.00	125	130	1.71
			794157	118.00	119.00	1.00	63	120	1.35
			794158	119.00	120.00	1.00	53	420	1.81
			794159	120.00	121.00	1.00	284	137	1.77
			794160	121.00	122.00	1.00	36	214	2.51
			794161	122.00	123.00	1.00	80	202	2.04
			794162	123.00	124.00	1.00	38	124	1.33
			794163	124.00	125.00	1.00	211	197	2.07
			794164	125.00	126.00	1.00	206	111	1.08
			794165	126.00	127.00	1.00	81	88	0.77
127.10	153.00	**Tuff:** As above, no sulphides. Bedding schistosity at 35° to CA to 129 m after which it swings to a consistent 40-45°	794166	127.00	128.00	1.00	7	15	0.02
		127.9-130.0: Talcy alteration. Minor chert interbeds.	794167	128.00	129.00	1.00	<5	120	0.09
			794168	129.00	130.00	1.00	7	86	0.04
			794169	130.00	131.00	1.00	5	81	0.58
		131.4-131.6: Minor po	794170	131.00	132.00	1.00	5	43	0.17
		151.95-152.25: White quartz vein at 90° to foliation.	794171	151.80	152.40	0.60	10	79	0.23
153.00	154.90	**Black Tuff:** Similar to the above but black colour - no obvious graphite. Bedding/schistosity ≈ 45° to CA.							
154.90	159.80	**Tuff:** Pale grey, talcy in part, monotonous. Bedding/schistosity ≈ 40° to CA.	794172	157.00	158.00	1.00	<5	76	0.08
		Quartz Veins at 159.33-159.45 (90° to foliation) and 157.5-157.6 (conformable to foliation)	794173	158.00	159.00	1.00	<5	73	0.04
159.80	161.90	**Graphitic Tuff/argillite:** Bedding/schistosity swings to 10° to CA in the middle of this section, then back to 40° at the end.							
161.90	167.80	**Tuff:** Pale grey, as 154.9-159.8							
167.80	177.30	**Graphitic Tuff/argillite:** As 159.8-161.9. Bedding schistosity ≈ 30-40° to CA but swings to 10° and back at 172-173 m.							
177.30	188.40	**Tuff/argillite (part graphitic):** Alternating fine-grained grey talcy tuff/argillite and graphitic tuff/argillite. Bedding/schistosity varies from 10° to 50° to CA, i.e. open folding.							
		181.8-181.9; 182.00-182.05: Conformable quartz stringers	794174	181.00	182.00	1.00	7	82	0.68
		182.40-182.75: Conformable quartz vein with chloritic inclusions and a few stylolites.	794175	182.00	183.00	1.00	5	45	0.15

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
188.40	193.00	**Tuff:** Grey, talcy, monotonous, bedding/schistosity ≈ 40° to CA	794176	191.00	192.00	1.00	6	83	0.03
			794177	192.00	193.00	1.00	5	122	0.11
193.00	194.50	**Graphitic Tuff/argillite:** Cherty bands are present, and some contortion	794178	193.00	194.00	1.00	<5	69	0.15
194.50	197.20	**Tuff:** As above, bedding/schistosity ≈ 40° to CA	794179	194.00	195.00	1.00	13	68	0.01
			794180	195.00	196.00	1.00	5	108	0.05
			794181	196.00	197.00	1.00	<5	108	0.04
197.20	201.50	**Graphitic Tuff/argillite:** As above	794182	197.00	198.00	1.00	12	139	1.18
		198.2-199.0: Minor po	794183	198.00	199.00	1.00	5	91	0.64
		198.33-198.43: Quartz Vein	794184	199.00	200.00	1.00	<5	70	0.31
			794185	200.00	201.00	1.00	<5	85	0.26
201.50	206.30	**Tuff:** Typical, Bedding/schistosity ≈ 40° to CA	794186	201.00	202.00	1.00	8	82	0.07
			794187	202.00	203.00	1.00	<5	64	0.03
		202.7-204.5: Cherty layers present. Bedding swings to 0° to CA and back to 45°	794188	203.00	204.50	1.50	<5	63	0.03
		205.3: Trace po	794189	204.50	206.00	1.50	<5	68	0.29
206.30	208.50	**Graphitic Tuff/argillite:** With ≈ 10% interbedded chert. Bedding/schistosity at ≈ 45° to CA	794190	206.00	207.50	1.50	<5	90	0.72
		208.05: Splashes of po in a chert/quartz lens	794191	207.50	209.00	1.50	6	87	0.68
208.50	210.10	**Tuff**	794192	209.00	210.50	1.50	6	75	0.32
210.10	212.00	**Graphitic Tuff/argillite:** With ≈ 10% interbedded chert.	794193	210.50	212.00	1.50	5	133	1.28
212.00	216.00	**Tuff:** Talcy in part, bedding/schistosity consistent at 40° to CA	794194	212.00	213.50	1.50	<5	73	0.04
			794195	213.50	215.00	1.50	<5	74	0.05
			794196	215.00	216.50	1.50	<5	95	0.09
			794197	216.50	218.00	1.50	<5	105	0.12
216.00	225.50	**Tuff:** Medium green, bedding/schistosity at 30-40° to CA. Unusual breccia-like texture - may be depositional (debris flow?). Some graphitic sections	794198	218.00	219.50	1.50	<5	81	0.03
			794199	219.50	221.00	1.50	<5	111	0.04
			794200	221.00	222.50	1.50	<5	100	0.13
			794201	222.50	224.00	1.50	<5	70	0.07
			794202	224.00	225.50	1.50	<5	81	0.04
225.50	243.20	**Tuff/argillite:** Well bedded, looking more like a sediment	794203	225.50	227.00	1.50	59	67	0.22
		227.6-228.8: Graphitic section, minor po.	794204	227.00	228.50	1.50	<5	78	0.68
		229.5-229.6: White quartz vein at 90° to foliation	794205	228.50	230.00	1.50	<5	96	0.61
			794206	230.00	231.50	1.50	<5	71	0.13
		231.0-233.5: Graphitic section, trace po at 231.4 m.	794207	231.50	233.00	1.50	<5	102	0.78
			794208	233.00	234.50	1.50	<5	65	1.02
			794209	234.50	236.00	1.50	<5	28	0.07
			794210	236.00	237.50	1.50	<5	20	0.03
			794211	237.50	239.00	1.50	7	19	0.18

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
225.50	243.20	*(continued)*	794212	239.00	240.50	1.50	<5	6	0.11
			794213	240.50	242.00	1.50	<5	24	0.09
			794214	242.00	243.50	1.50	<5	34	0.08
243.20	263.30	**Graphitic Argillite:** Some sections are heavily contorted with axial plane cleavage starting to develop. Minor po throughout. Bedding and schistosity mostly at 30° to CA, but swings to .0° and back 3 times between 259 and 263 m.	794215	243.50	245.00	1.50	<5	29	0.13
			794216	245.00	246.50	1.50	<5	25	0.57
			794217	246.50	248.00	1.50	<5	25	0.03
			794218	248.00	249.50	1.50	<5	66	0.52
			794219	249.50	251.00	1.50	11	109	1.23
			794220	251.00	252.50	1.50	11	106	1.04
			794221	252.50	254.00	1.50	5	102	1.03
			794222	254.00	255.50	1.50	<5	81	0.54
			794223	255.50	257.00	1.50	6	130	1.44
			794224	257.00	258.50	1.50	15	111	0.93
			794225	258.50	260.00	1.50	<5	99	1.09
			794226	260.00	261.50	1.50	<5	94	0.74
			794227	261.50	263.30	1.80	<5	104	0.69

263.30 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-05

DIAMOND DRILL LOG

Hole No.	**SP21-05**
Dip	**-50°**
Depth	**120.5 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563311E 5362956N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	
Logged By	**Colin Bowdidge**
Comments:	**Results:** **6.00-8.00: 2.00 m @ 1.90 g/t Au** **and** **11.00-12.30: 1.30 m @ 2.19 g/t Au** **and** **98.00-99.00: 1.00 m @ 1.51 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-48.9	89.4
50.0	-47.7	91.4
80.0	-45.8	92.8
110.0	-43.8	93.5

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
0.00	6.00	**Casing**							
6.00	13.90	**Tuff/Chert:** Greenish-grey, weakly foliated at ≈ 50° to CA. Very siliceous. All or part might be silicified mafic flow. Trace po.	794228	6.00	7.00	1.00	2920	543	0.45
			794229	7.00	8.00	1.00	887	161	0.04
			794230	8.00	9.00	1.00	83	30	0.10
			794231	9.00	10.00	1.00	<5	<5	0.03
			794232	10.00	11.00	1.00	147	<5	0.03
			794233	11.00	12.00	1.00	2066	103	0.06
		12.10-12.25: Very heavy chalcopyrite, no po.	794234	12.00	12.30	0.30	2607	**4.52%**	5.77
			794235	12.30	13.00	0.70	32	785	0.19
			794236	13.00	14.00	1.00	17	252	0.07
13.90	26.80	**Mafic Volcanic:** Nearly massive, dark grey-green, fine grained, weakly schistose at 45-50° to CA	794237	14.00	15.00	1.00	7	115	0.27
		14.5-14.8: White quartz, broken and weathered. No sulphides.	794238	15.00	16.00	1.00	240	12	0.05
			794239	16.00	17.00	1.00	87	14	0.13
			794240	17.00	18.00	1.00	<5	13	0.16
			794241	18.00	19.00	1.00	125	34	0.39
			794242	19.00	20.00	1.00	158	44	0.46
			794243	20.00	21.00	1.00	93	61	0.04
		21-22: Core is all crumbled and weathered	794244	21.00	22.00	1.00	7	12	0.02
			794245	22.00	23.00	1.00	<5	16	0.08
			794246	23.00	24.00	1.00	7	83	0.35
			794247	24.00	25.00	1.00	<5	105	0.60
			794248	25.00	26.00	1.00	<5	93	0.02
			794249	26.00	27.00	1.00	9	223	0.17
26.80	34.00	**Mafic Tuff:** Abundant cherty bands and broken chunks, also includes what looks like vein quartz. Bedding/schistosity at 40-45° to CA	794250	27.00	28.00	1.00	<5	48	0.10
			794251	28.00	29.00	1.00	<5	18	0.03
			794252	29.00	30.00	1.00	<5	11	0.04
			794253	30.00	31.00	1.00	9	9	0.05
			794254	31.00	32.00	1.00	9	94	0.09
			794255	32.00	33.00	1.00	<5	61	0.15
			794256	33.00	34.00	1.00	<5	63	0.06
34.00	50.20	**Mafic Volcanic:** As 13.9-26.8. Some sections have lithic tuff texture. Schistosity/bedding ≈ 50° to CA	794257	34.00	35.00	1.00	7	112	0.07
			794258	35.00	36.00	1.00	<5	57	0.11
			794259	36.00	37.00	1.00	<5	37	0.15
			794260	37.00	38.00	1.00	21	<5	0.05
			794261	38.00	39.00	1.00	<5	31	0.15
			794262	39.00	40.00	1.00	<5	114	0.56

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
34.00	50.20	*(continued)*	794263	40.00	41.00	1.00	<5	110	0.43
			794264	41.00	42.00	1.00	<5	9	0.04
			794265	42.00	43.00	1.00	<5	36	0.04
			794266	43.00	44.00	1.00	<5	9	0.03
			794267	44.00	45.00	1.00	7	<5	0.02
			794268	45.00	46.00	1.00	<5	<5	0.04
			794269	46.00	47.00	1.00	6	51	0.10
			794270	47.00	48.00	1.00	6	81	0.16
			794271	48.00	49.00	1.00	9	147	0.13
			794272	49.00	50.00	1.00	5	23	0.04
50.20	54.90	**Mafic Volcanic:** Medium-grained, porphyritic with mafic phenocrysts. Banding and schistosity develop as the lower contact is approached.	794273	50.00	51.00	1.00	9	114	0.13
			794274	51.00	52.00	1.00	<5	58	0.18
			794275	52.00	53.00	1.00	<5	26	0.08
			794276	53.00	54.00	1.00	11	<5	0.03
			794277	54.00	55.00	1.00	18	<5	0.03
54.90	77.00	**Mafic Volcanic:** Heterogeneous interval, with alternating fine-grained more massive flow, tuffaceous lithic texture and massive porphyritic flow. Schistosity at 45-55° to CA where present.	794278	55.00	56.00	1.00	<5	82	0.11
			794279	56.00	57.00	1.00	<5	79	0.09
		56.2-57.1: Some silicification (not chert)	794280	57.00	58.00	1.00	7	97	0.11
			794281	58.00	59.00	1.00	13	260	0.30
			794282	59.00	60.00	1.00	20	120	0.06
			794283	60.00	61.00	1.00	7	142	0.16
			794284	61.00	62.00	1.00	<5	48	0.18
		62.5-63.5: Silicified, quartz vein at 63.2-63.4	794285	62.00	63.00	1.00	24	326	0.13
			794286	63.00	64.00	1.00	6	42	0.05
			794287	64.00	65.00	1.00	<5	19	0.03
			794288	65.00	66.00	1.00	6	54	0.06
			794289	66.00	67.00	1.00	572	71	0.58
			794290	67.00	68.00	1.00	5	43	0.17
			794291	68.00	69.00	1.00	8	12	0.11
			794292	69.00	70.00	1.00	<5	85	0.49
			794293	70.00	71.00	1.00	<5	61	0.24
			794294	71.00	72.00	1.00	<5	34	0.20
			794295	72.00	73.00	1.00	<5	17	0.10
			794296	73.00	74.00	1.00	15	33	0.12
		74.1-75.9: silicified	794297	74.00	75.00	1.00	<5	22	0.04
		75.9-76.2: White quartz vein with irregular angular wallrock inclusions, some stylolites	794298	75.00	76.00	1.00	17	43	0.22
			794299	76.00	77.00	1.00	7	23	0.24

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
77.00	86.00	**Mafic Tuff:** Lithic tuff with some fine-grained, thinky bedded sections.	794300	77.00	78.00	1.00	13	25	0.35
		78.4-79.0: 1-2% po as streaks on floiation planes and irregular splashes. A 1 cm seam of massive po at 78.4	794301	78.00	79.00	1.00	25	224	2.62
			794302	79.00	80.00	1.00	<5	48	0.19
			794303	80.00	81.00	1.00	<5	34	0.12
		81.8-82.0: <1% po	794304	81.00	82.00	1.00	<5	53	0.45
		82.4-82.6: <1% po	794305	82.00	83.00	1.00	105	150	0.94
		83-86: some cherty bands appearing, intermittent bands with 2-5% po streaks	794306	83.00	84.00	1.00	21	62	0.57
			794307	84.00	85.00	1.00	66	30	0.33
			794308	85.00	86.00	1.00	18	107	1.12
86.00	99.60	**Tuff with Chert and Sulphides:** Mafic tuff, about 90% of this interval has up to 75% of brecciated chert/silica fragments, with up to 30% of pyrrhotite and minor cpy in the matrix. Bedding/schistosity at 40-60° to where present.	794309	86.00	87.00	1.00	55	120	1.48
			794310	87.00	88.00	1.00	149	185	1.67
			794311	88.00	89.00	1.00	195	558	2.18
			794312	89.00	90.00	1.00	180	755	5.06
			794313	90.00	91.00	1.00	120	631	4.61
			794314	91.00	92.00	1.00	9	817	5.78
			794315	92.00	93.00	1.00	22	650	6.27
			794316	93.00	94.00	1.00	14	610	5.49
			794317	94.00	95.00	1.00	81	432	4.48
			794318	95.00	96.00	1.00	476	709	5.29
			794319	96.00	97.00	1.00	255	422	4.25
			794320	97.00	98.00	1.00	112	356	3.80
			794321	98.00	99.00	1.00	1514	718	7.53
		99.55-99.60: white quartz with inclusions of wallrock and massive po	794322	99.00	100.00	1.00	23	191	2.21
99.60	100.90	**Mafic Tuff:** As above, no sulphides. Bedding/schistosity at 40-50° to CA	794323	100.00	101.00	1.00	21	38	0.53
100.90	105.50	**Mafic Volcanic:** Massive to schistose at 40-50° to CA	794324	101.00	102.00	1.00	<5	6	0.09
		101.15-101.35: White quartz vein with angular wallrock inclusions	794325	102.00	103.00	1.00	<5	5	0.11
			794326	103.00	104.00	1.00	<5	<5	0.06
			794327	104.00	105.00	1.00	<5	11	0.38
105.50	115.80	**Mafic Tuff:** As above, minor po locally, bedding/schistosity ≈ 45° to CA. Pale grey and talcy from 110 to 114.5	794328	105.00	106.00	1.00	14	24	0.54
			794329	106.00	107.00	1.00	<5	21	0.40
			794330	107.00	108.00	1.00	37	236	2.39
			794331	108.00	109.00	1.00	<5	52	1.26
			794332	109.00	110.00	1.00	<5	19	0.35
			794333	110.00	111.00	1.00	13	60	0.46
			794334	111.00	112.00	1.00	<5	48	0.33
			794335	112.00	113.00	1.00	<5	55	0.27
			794336	113.00	114.00	1.00	12	70	0.29

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
105.50	115.80	*(continued)*	794337	114.00	115.00	1.00	10	38	0.22
			794338	115.00	116.00	1.00	25	37	0.38
115.80	120.10	**Tuff with Chert and Sulphides:** As above	794339	116.00	117.00	1.00	128	221	2.42
			794340	117.00	118.00	1.00	241	271	3.20
			794341	118.00	119.00	1.00	191	549	4.99
			794342	119.00	120.10	1.10	572	541	6.64
120.10	120.50	**Tuff:** As above.	794343	120.10	120.50	0.40	44	92	0.63

120.5 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

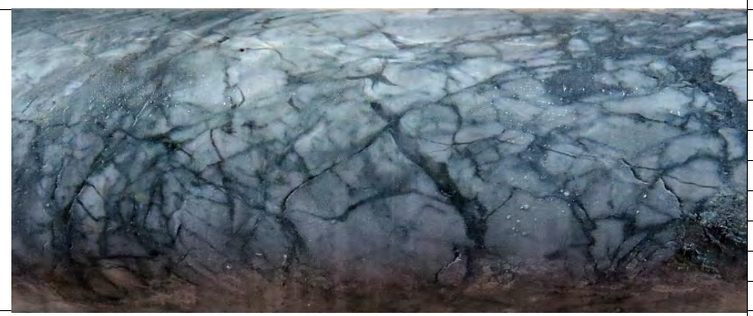
Hole No: SP21-06

DIAMOND DRILL LOG

Hole No.	**SP21-06**
Dip	**-50°**
Depth	**155 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**-65°**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	
Logged By	**Colin Bowdidge**
Comments:	**Results:** **13.00-14.85: 1.85 m @ 1.08 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-64.4	90.6
50.0	-63.4	90.5
80.0	-63.5	91.4
110.0	-62.5	93.6
140.0	-61.8	93.4

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
0.00	6.00	**Casing**							
6.00	17.00	**Mafic Tuff:** Well bedded and schistose at 25-35° to CA. Lithic clasts are seriously flattened. Some sections have chert/silica fragments	794344	6.00	7.00	1.00	<5	219	0.23
			794345	7.00	8.00	1.00	<5	304	1.12
			794346	8.00	9.00	1.00	<5	76	0.32
			794347	9.00	10.00	1.00	<5	<5	0.02
			794348	10.00	11.00	1.00	<5	41	0.42
			794349	11.00	12.00	1.00	9	179	1.30
			794350	12.00	13.00	1.00	5	13	0.06
		12.9-14.25: Abundant chert/silica shards, dark alteration (vfg biotite?) with minor po and cpy.	794351	13.00	14.25	1.25	1012	962	0.27
		14.25-14.85: Similar to 12.9-14.25. Estimated 1% Cu	794352	14.25	14.85	0.60	1214	9853	1.91
		15.9-15.93: 10% cpy	794353	14.85	16.00	1.15	12	2113	0.71
			794354	16.00	17.00	1.00	16	396	0.20
17.00	34.50	**Mafic Volcanic or Mafic Tuff:** Dark greenish-grey, massive to schistose where lithic tuff texture appears.	794355	17.00	18.00	1.00	<5	<5	0.01
			794356	18.00	19.00	1.00	32	18	0.10
		19.5-20.0: Minor po and trace cpy.	794357	19.00	20.00	1.00	933	60	1.59
			794358	20.00	21.00	1.00	49	<5	0.03
			794359	21.00	22.00	1.00	12	<5	0.01
			794360	22.00	23.00	1.00	9	58	0.36
		23.4-23.6: Vuggy, seams and patches of po and py.	794361	23.00	24.00	1.00	53	34	0.51
			794362	24.00	25.00	1.00	<5	20	0.09
			794363	25.00	26.00	1.00	<5	101	0.37
			794364	26.00	27.00	1.00	6	365	0.82
			794365	27.00	28.00	1.00	<5	189	0.59
		28-30: Quartz seams and cherty bands.	794366	28.00	29.00	1.00	<5	59	0.04
			794367	29.00	30.00	1.00	9	91	0.31
		30.0: Splashy cpy and minor po	794368	30.00	31.00	1.00	59	239	0.77
			794369	31.00	32.00	1.00	<5	55	0.22
			794370	32.00	33.00	1.00	<5	7	0.04
			794371	33.00	34.00	1.00	<5	68	0.33
34.50	39.40	**Quartz Breccia Zone:** White quartz veins at ≈ 5° to CA with brecciated mafic wallrock, weathered and fractured in places 	794372	34.00	35.00	1.00	<5	99	0.28
			794373	35.00	36.00	1.00	<5	37	0.03
			794374	36.00	37.00	1.00	<5	79	0.03
			794375	37.00	38.00	1.00	9	68	0.09
			794376	38.00	39.00	1.00	5	13	0.05
			794377	39.00	40.00	1.00	<5	<5	0.05
39.40	41.00	**Mafic Volcanic:** As above.	794378	40.00	41.00	1.00	<5	18	0.04

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S%
41.00	75.50	**Mafic Volcanic or Mafic Tuff:** As 17-34 m, very homogeneous and monotonous, schistosity at 10-35° to CA where present	794379	41.00	42.00	1.00	<5	<5	0.01
			794380	42.00	43.00	1.00	<5	<5	<0.01
		47.2-47.6: Minor po and trace cpy	794381	43.00	44.00	1.00	<5	112	0.11
		52.8-53.5: Minor po and trace cpy							
		56.1-58.5: 10-20% silica/chert bands							
		68.0-68.4: White quartz, irregular contacts.							
		72.8-73.4: Silicified sections brecciated in situ 							
75.50	85.00	**Mafic Volcanic or Mafic Tuff:** As above. Mild talcy alteration. Bedding and schistosity are very variable (open folding)							
		78.5-84.0: 10-20% silica/chert fragments, minor po at 81.3, 82.5 and 83.2 m.							
85.00	90.00	**Mafic Volcanic:** As above, weakly schistose at ≈ 30° to CA.							
90.00	155.00	**Mafic Tuff:** Some sections slightly porphyritic. Bedding/schistosity very variable at 10-40° to CA.							
		90.1; 91.9; 95.2-95.4; 97.9: Minor po							
		102-108: 10% silica/chert fragments, minor po and trace cpy at 104.8-107.6 m.							
		109-113: Bedding/schistosity near parallel to CA.							
		123-124: Sections of porphyritic mafic volcanics up to 10 cm (Bombs or pillows?)							
		125.35-125.45: White quartz vein with wallrock inclusions and clots of po at vein contacts.							
		125.5-128.0: Moderately silicified and brecciated in situ.							
		129.9-130.0; 131.1-132.5 and scattered sections to 136.0: Minor po.							
		136.35-136.40: 20% po streaks							
		139.00-139.05: 10% po							

155.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-07

DIAMOND DRILL LOG

Hole No.	**SP21-07**
Dip	**-50°**
Depth	**152 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563345E 5362906N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	
Logged By	**Colin Bowdidge**
Comments:	**Results:** **14.00-15.00: 1.00 m @ 1.27 g/t Au** **This hole was collared in mineralization - location was too far to the east.**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-49.8	*
50.0	-49.1	93.9
80.0	-47.9	96.0
110.0	-46.0	96.6
140.0	-43.8	96.8

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S %
0.00	6.00	**Casing**							
6.00	20.30	**Mafic Tuff:** Typical lithic tuff with about 10% of chert/silica clasts. Narrow bands of biotite(?) alteration in the finer grained sections. Bedding/schisosity at 30° to CA, changing to 40° after 10 m	794493	6.00	7.00	1.00	829	642	4.38
			794494	7.00	8.00	1.00	819	967	5.83
		6.5-9.0: 20% pyrrhotite	794495	8.00	9.00	1.00	649	488	3.50
		9.0-14.0: Intermittent po, averaging 5-10%. Heavy silicification with 1-2% py at 13.5-13.6	794496	9.00	10.00	1.00	49	243	1.36
			794497	10.00	11.00	1.00	398	438	2.92
			794498	11.00	12.00	1.00	186	563	2.79
			794499	12.00	13.00	1.00	19	720	4.29
			794500	13.00	14.00	1.00	24	168	1.97
		14.0-20.3: Intermittent po, average <5%	794501	14.00	15.00	1.00	1270	11	0.24
			794502	15.00	16.00	1.00	10	89	1.05
			794503	16.00	17.00	1.00	14	102	0.93
			794504	17.00	18.00	1.00	8	34	0.27
			794505	18.00	19.00	1.00	<5	77	0.37
			794506	19.00	20.00	1.00	20	117	1.54
20.30	30.00	**Mafic Volcanic:** Near massive, fine grained grey-green colour.	794507	20.00	21.00	1.00	12	22	0.35
			794508	21.00	22.00	1.00	12	44	0.45
30.00	120.70	**Mafic Tuff:** As above							
		31.3-32.1; 35.9-36.6: Silicified sections							
		39.1-41.8: Flattened lithic clasts mixed with 1-3 mm sized angular fragments of silica (explosive event breaks up chert and silicified tuff?)							
		45.1-46.8: Siliceous clasts make up 15% of the rock, 5-10% po							
		47.4-48.4: Intermittent sections with 5-10% po							
		53.0-53.2: Minor po							
		55.0-55.5: Siliceous bands							
		55.82-55.85: Quartz vein no sulphides							
		57.6-58.0: Quartz patches and lenses, minor po							
		63.50-63.65: Quartz patches							
		63.95-64.25; 66.85-66.95: Quartz veins at 90° to foliation							
		71.6-72.0: Abundant irregular quartz patches							
		75.1-77.8: Siliceous clasts, minor po from 77.3-77.8 m.							
		77.8-77.9: Quartz vein							
		83.80-83.95: Irregular quartz vein, no sulphides							
		84.0-86.5: Brown colour (biotite alteration?), bedding/schistosity ≈ 45° to CA							
		91.9-92.0: Quartz patches							
		97.90-97.95: Quartz vein at 90° to foliation							
		98.0-107.3: Talcy alteration. Quartz invasion 104-105. Bedding/schistosity at 50° to CA							

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S %
30.00	120.70	(continued)							
		107.55-108.10: White quartz vein with wallrock inclusions							
		114.1-114.7: Sigmoidal fold with middle limb parallel to CA							
120.70	152.00	**Black Argillite, Graphitic in Part:** Graphite content is irregular but generally increases downhole. Traces py. Bedding/schistosity @ 50° to CA. Small scale tight folding develops down section with axial plane cleavage.							
		121.7: Minor po.							
		124.2-124.8: Quartz invasion and incipient brecciation. This is a late, brittle event.							
		131.5-132.0; 133.0-133.5: Quartz invasion.							
		136.80-136.86: Quartz vein conformable to foliation.							
		137-152: Quartz invasion.							

152.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-08

DIAMOND DRILL LOG

Hole No.	**SP21-08**
Dip	**-50°**
Depth	**158 m**
Azimuth (local)	
Azimuth (true)	**085°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563300E 5362906N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	
Logged By	**Colin Bowdidge**
Comments:	**Results:** **65.80-87.00: 21.20 m @ 1.75 g/t Au** **includes** **65.80-81.00: 15.20 m @ 2.20 g/t Au** **includes** **65.80-76.00: 10.20 m @ 2.82 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-48.0	84.5
50.0	-46.4	85.7
80.0	-44.7	89.7
110.0	-42.3	91.5
151.0	-40.1	88.3

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	6.00	**Casing**							
6.00	17.00	**Mafic Volcanic:** Dark grey-green, fine-grained, massive. Some sections are tuffaceous. Multiple vuggy quartz veins and quartz-filled brecciated sections. Lower contact is gradational. Bedding/schistosity ≈ 50° to CA.							
17.00	43.30	**Mafic Tuff:** Well flattened lithic clasts. Bedding/schistosity ≈ 45° to CA.							
		22.8-23.9: Angular, broken silica clasts and quartz crystals up to 2 mm are mixed with the lithic clasts.							
		26.5-29.0: Abundant quartz "chunks" (cavity fillings?) and vuggy quartz veins.							
		37.0: Bedding/schistosity 40° to CA.							
43.30	47.00	**Mafic Volcanic:** As above. Contacts are hard to define. Weak schistosity at 40-50° to CA.							
47.00	53.20	**Mafic Tuff:** As above							
		48-49: Less flattened section has the appearance of lapilli tuff.							
53.20	62.50	**Mafic Volcanic:** Paler grey colour than the foregoing due to alteration. Schistosity ≈ 45° to CA where present.							
		58.6-61.5: Fractured with vuggy quartz veins at 20-25° to CA							
62.50	65.60	**Mafic Tuff:** As above, bedding/schistosity at 50-70° to CA	794566	64.50	65.80	1.30	17	50	0.25
65.60	88.80	**Tuff with Sulphides:** Mafic tuff as above with 20-50% po and up to 1% cpy as streaks and mesh-texture. Occasional seams of massive po with lesser cpy. Sulphides become less abundant overall and more erratic after 81 m.	794567	65.80	66.70	0.90	7985	499	3.02
			794568	66.70	67.80	1.10	1186	980	4.69
			794569	67.80	68.90	1.10	1882	1025	5.26
			794570	68.90	70.00	1.10	6261	1154	6.65
			794571	70.00	71.00	1.00	2076	1610	8.29
			794572	71.00	72.00	1.00	1557	809	5.66
			794573	72.00	73.00	1.00	2580	910	5.92
			794574	73.00	74.00	1.00	2097	988	5.14
			794575	74.00	75.00	1.00	731	788	3.88
			794576	75.00	76.00	1.00	2299	1008	5.79
			794577	76.00	77.00	1.00	402	637	3.54
			794578	77.00	78.00	1.00	349	792	3.91
			794579	78.00	79.00	1.00	1700	920	6.13
			794580	79.00	80.00	1.00	793	1181	5.83
			794581	80.00	81.00	1.00	1420	779	3.41
		81.8-82.1: 50% cherty clasts up to 5 mm	794582	81.00	82.00	1.00	514	578	3.98
			794583	82.00	83.00	1.00	140	484	3.02
			794584	83.00	84.00	1.00	273	436	2.66
			794585	84.00	85.00	1.00	877	1199	3.80
			794586	85.00	86.00	1.00	1354	585	3.42
		86.7-87.4: Abundant clasts of banded chert	794587	86.00	87.00	1.00	580	184	1.82
			794588	87.00	88.00	1.00	15	183	1.60
			794589	88.00	89.00	1.00	<5	97	0.60
88.80	98.00	**Mafic Tuff:** As above but no sulphides. Lower contact is gradational. Bedding/schistosity ≈ 45° to CA.							

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
98.00	103.00	**Black Argillite:** Non graphitic, fine grained, thinly laminated at ≈ 50° to CA. Occasional streaks of po. Contacts gradational.							
103.00	158.00	**Mafic Tuff:** Dark grey, monotonous, bedding/schistosity consistent at ≈ 45° to CA. After 120 m calcite and quartz seams become abundant							
		137.3-138.8: Intermittent 5% po as streaks on foliation planes.							
		151.45-151.60: White quartz vein at 90° to foliation							
		152.25-152.35: Quartz mass with irregular contacts							
		156.15-156.20: Quartz vein conformable to foliation							

158.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-09

DIAMOND DRILL LOG

Hole No.	**SP 21-09**
Dip	**-65°**
Depth	**184.5 m**
Azimuth (local)	
Azimuth (true)	**085°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563300E 5362906N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**No significant assays**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-65.4	85.5
50.0	-64.6	82.5
110.0	-62.1	87.5
140.0	-61.4	86.5
170.0	-59.8	89.1

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	4.00	**Casing**							
4.00	38.30	**Mafic Volcanic:** Medium greenish-grey, near massive, weak schistosity at 20° to CA appears after 22 m. Broken and weathered core to 11 m. Some sections appear to have a tuffaceous texture.							
		4.0-7.0: Highly silicified with incipient brecciation.							
38.30	42.90	**Fault Breccia:** Core is shattered, weathered, hematized and vuggy. Quartz veins at ≈ 10° to CA are also brecciated.							
42.90	73.00	**Mafic Volcanic:** Dark green, near massive, fine grained.							
		44.9-45.5; 46.5-46.9; 47.5-48.0: Low angle quartz veins and some hematization.							
		53.8-54.1: Quartz vein full pf wallrock inclusions.							
		59-64: Mild silicification							
		69.15-69.20: White quartz vein at 80° to foliation							
		69.45-69.50: 5-10% po							
		72.45-72.65: Irregular quartz vein with wallrock inclusions.							
73.00	93.00	**Mafic Tuff:** Typical, medium grey-green colour							
		73.8-75.2: Quartz invasion. Clasts of chert up to 1 cm in the tuff							
		86.5-87.8; 92.7-93.6: Blocks of silicified mafic volcanic - the bedding sweeps around them							
		Bedding/schistosity angles to CA:							
		58 m 0°							
		64 m 30°							
		69 m 35°							
		71 m 15°							
		73 m 20°							
		78 m 25°							
		82 m 10°							
		93 m 25°							
93.00	103.80	**Mafic Tuff:** Paler coloured than the above. This is a lithic-crystal tuff							
		95.1-95.3: 10% po							
		102.7-103.3: More blocks of silicified mafic volcanic							
		107.3: A 1 cm vuggy quartz vein at 5° to CA with pyrite crystals lining the vugs.							
103.80	112.50	**Mafic Volcanic:** Probably includes some tuffaceous sections. Quartz veins and stockworks form up to 50% of the rock. Py coats fracture surfaces. Schistosity 40° to CA at 104 m, 30° at 109 m.							
		109.5-110.2: 5% po. A clast of chert is included in the rock. Po follows the laminations of the chert (exhalative and syngenetic!)							
		111.1-111.2: 50% po							
112.50	130.00	**Mafic Tuff/breccia:** Clasts of silicified and epidotized mafic volcanic form up to 75% of the rock.							
		Bedding/schistosity angles to CA: 116 m - 40°; 120 m - 30°; 123 m - 40°; 127 m - 25°	794615	117.50	118.25	0.75	<5	249	0.81
		117.7-119.0: 20% quartz invasion, 5-10% po	794616	118.25	119.00	0.75	<5	587	2.05
		121.7-122.7: Quartz invasion (late, brittle, white quartz)							

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
130.00	135.50	**Tuff with Sulphides:** Mafic tuff with up to 20% po as streaks on foliation planes and massive seams up to 1 cm wide.	794617	129.00	130.00	1.00	<5	113	0.49
		Bedding/schistosity angles to CA: 133 m - 20°; 134 m - 10°	794618	130.00	131.00	1.00	<5	59	0.34
			794619	131.00	132.00	1.00	<5	101	0.68
		COMMENT: This mineralized unit differs from the "Tuff with Sulphides" and "Tuff with Chert and Sulphides" that carried gold in earlier holes. The	794620	132.00	133.00	1.00	<5	192	1.20
		pyrrhotite looks more "primary" and follows the bedding planes, compared with the "sulphide mud" that we saw permeating the rock in other holes.	794621	133.00	134.00	1.00	<5	114	0.94
			794622	134.00	135.00	1.00	11	129	1.02
		(Comment added after gold assays were received)	794623	135.00	136.00	1.00	7	125	0.68
135.50	140.80	**Mafic Tuff:** Bedding/schistosity varies from 0° to 10° to CA. A few splashes of po at 140.5 m.							
140.80	142.10	**Argillite:** or very thinly laminated tuff. Bedding/schistosity at 40° to CA. 5% po streaks at 141.7-141.9 m	794624	141.00	142.00	1.00	<5	120	1.44
142.10	159.80	**Tuff with Sulphides:** Similar to 130.0-135.5 m. Bedding/schistosity angles are low.	794625	142.00	143.00	1.00	<5	306	2.95
		142.2-142.3; Splashes of massive po	794626	143.00	144.00	1.00	<5	185	1.83
			794627	144.00	145.00	1.00	<5	158	1.67
		145.0+145.1: Splashes of massive po in a quartz patch	794628	145.00	146.00	1.00	7	82	0.98
			794629	146.00	147.00	1.00	7	99	1.14
		147.9-148.1: Splashes of massive po in a quartz patch	794630	147.00	148.00	1.00	13	477	2.95
			794631	148.00	149.00	1.00	<5	509	4.51
		149.45-149.70: White quartz vein at 90° toCA	794632	149.00	150.00	1.00	<5	133	1.23
		Bedding/schistosity angles to CA	794633	150.00	151.00	1.00	7	286	2.53
		150 m - 5°	794634	151.00	152.00	1.00	<5	255	2.72
		152 m - 0°	794635	152.00	153.00	1.00	<5	179	2.09
		154 m -25°	794636	153.00	154.00	1.00	<5	89	1.30
		158 m - 25°	794637	154.00	155.00	1.00	<5	122	1.16
		161 m - 30°	794638	155.00	156.00	1.00	<5	292	2.26
			794639	156.00	157.00	1.00	<5	169	1.61
			794640	157.00	158.00	1.00	9	219	1.94
			794641	158.00	159.00	1.00	<5	122	1.10
			794642	159.00	160.00	1.00	16	500	2.47
159.80	171.20	**Mafic Tuff:** Greenish colour, much less silicification and quartz invasion than the above. Bedding/schistosity consistent at 25° to CA.	794643	160.00	161.00	1.00	122	24	0.49
			794644	170.40	171.40	1.00	13	57	0.44
171.20	172.30	**Tuff with Sulphides:** As above. Bedding/schistosity consistent at 30-35° to CA	794645	171.40	172.40	1.00	54	200	3.95
172.30	174.00	**Mafic Tuff:** As 159.8-171.2	794646	172.40	173.40	1.00	8	19	0.27
174.00	175.70	**Tuff with Sulphides:** As above. Bedding/schistosity consistent at ≈ 25° to CA. Weaker po content at ≈ 5%	794647	174.00	175.00	1.00	116	191	2.28
			794648	175.00	176.00	1.00	10	96	1.09

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
175.70	181.00	**Black Argillite:** Non-graphitic, bedding/schistosity ≈ 30° to CA							
181.00	184.50	**Mafic Tuff:** As 159.8-171.2							

184.5 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

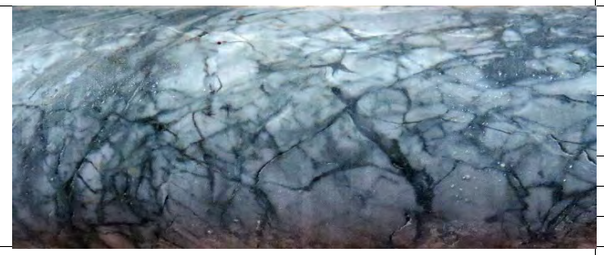
Hole No: SP21-10

DIAMOND DRILL LOG

Hole No.	**SP21-10**
Dip	**-50°**
Depth	**128 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563330E 5362856N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **10.00-11.00: 1.00 m @ 1.04 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-51.7	*
50.0	-50.3	93.3
80.0	-47.9	95.4
110.0	-46.3	96.7

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	4.00	**Casing**							
4.00	10.10	**Mafic Tuff:** Fairly typical, bedding/schistosity at 20° to CA at start, 10° at 9 m.	794590	5.00	6.00	1.00	<5	38	0.27
		4.8-6.0: Quartz invasion (late, brittle)	794591	6.00	7.00	1.00	<5	27	0.09
			794592	7.00	8.00	1.00	<5	<5	0.01
			794593	8.00	9.00	1.00	<5	16	0.09
			794594	9.00	10.00	1.00	<5	14	0.08
10.10	26.00	**Tuff with Sulphides:** Mafic tuff with highly variable po content from 0 to 50% locally. Very minor cpy. Bedding/schistosity starts at 25° to CA, increasing down hole to 40°..	794595	10.00	11.00	1.00	1040	794	4.68
			794596	11.00	12.00	1.00	368	266	1.96
			794597	12.00	13.00	1.00	<5	48	0.23
			794598	13.00	14.00	1.00	5	63	0.38
			794599	14.00	15.00	1.00	875	174	1.14
			794600	15.00	16.00	1.00	5	704	4.12
			794601	16.00	17.00	1.00	940	943	5.85
		17.0-25.0: Sections are silicified, some of which are brecciated in situ. Large clasts (≤ 5 cm) of silicified volcanic (?) with incipient brecciation. 	794602	17.00	18.00	1.00	27	1077	6.79
			794603	18.00	19.00	1.00	8	489	2.76
			794604	19.00	20.00	1.00	10	338	2.39
			794605	20.00	21.00	1.00	<5	318	2.30
			794606	21.00	22.00	1.00	<5	345	2.59
			794607	22.00	23.00	1.00	419	74	1.07
			794608	23.00	24.00	1.00	18	183	1.60
			794609	24.00	25.00	1.00	5	379	2.81
		25.3-25.7: Two large clasts of pink aplitic material with incipient brecciation	794610	25.00	26.00	1.00	<5	64	0.77
26.00	88.10	**Mafic Tuff:** Some sections are fine grained and thin bedded, transitional to argillite. Beddin/schistosity consistent at 35-40° to CA	794611	26.00	27.00	1.00	<5	38	0.38
		29-34: Widespread silicification							
		35-36: Silicified and late quartz invasion.							
		42.0-42.1: Minor po							
		44.0-44.8; 46.5-47.4; 50.5-51.2: Silicified sections							
		51.35-51.45: White quartz vein at 90° to foliation							
		52.4-53.2: Minor po	794612	52.30	53.30	1.00	<5	43	1.11
		59-62: Silicified							
		60.5-60.9: Quartz vein with wallrock inclusions, irregular contacts							
		63.2-63.4: Late quartz invasion							
		67.0-67.7: Quartz bands (recrystallized chert?)							
		77.0-77.5: Very silicified							
		77.5-78.0: Contorted							
		82-84: Moderately silicified							

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
88.10	91.60	**Argillite:** Black, non-graphitic, fine-grained, thinly bedded at 40° to CA. Quartz invasion at 91.0-91.6 m							
91.60	92.85	**Quartz Vein:** White quartz with wallrock inclusions. Upper contact irregular, lower contact at 75° to foliation.	794613	91.00	92.00	1.00	<5	9	0.04
			794614	92.00	93.00	1.00	<5	<5	0.01
92.85	98.90	**Mafic Tuff:** Typical lithic tuff. Bedding/schistosity at 45° to CA							
98.90	107.80	**Mafic Tuff:** Pale greenish-grey lithic-crystal tuff with mafic phenocrysts in the lithic clasts. Bedding/schistosity at 40-50° to CA							
107.80	113.10	**Argillite:** As above, heavy quartz invasion at 108.8-110.2 m. Bedding/schistosity at ≈ 45° toCA							
113.10	128.00	**Mafic Tuff: Typical lithic tuff. Bedding/schistosity at 45° to CA**							
		113.1-117.0: Moderate silicification							
		121.5-126.5: Moderately silicified, quartz invasion as well.							

128.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-11

DIAMOND DRILL LOG

Hole No.	**SP21-11**
Dip	**-50°**
Depth	**140 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563304E 5362856N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **20.00-24.00: 4.00 m @ 1.00 g/t Au** **includes** **22.00-24.00: 2.00 m @ 1.29 g/t Au** **and** **33.00-34.00: 1.00 m @ 1.44 g/t Au** **and** **46.40-64.00: 17.60 m @ 1.34 g/t Au** **includes** **46.40-49.75: 3.35 m @ 2.15 g/t Au** **and includes** **53.70-57.90: 4.20 m @ 2.48 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-50.1	*
50.0	-49.2	*
80.0	-46.6	88.1
110.0	-45.3	88.6
140.0	-43.6	90.0

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	5.00	**Casing**							
5.00	39.10	**Tuff with Sulphides:** Mafic tuff with variable po content from 0 to 25%. Moderate amount of silicified clasts. About 50% of this interval has po mineralization with minor cpy and py on fracture surfaces. Bedding/schistosity varies between 40° and 60° to CA	794649	5.00	6.00	1.00	254	188	2.96
			794650	6.00	7.00	1.00	63	85	1.22
			794651	7.00	8.00	1.00	392	194	2.75
			794652	8.00	9.00	1.00	82	97	1.55
			794653	9.00	10.00	1.00	14	56	0.93
			794654	10.00	11.00	1.00	<5	35	0.41
			794655	11.00	12.00	1.00	17	53	0.54
			794656	12.00	13.00	1.00	11	148	1.14
			794657	13.00	14.00	1.00	<5	66	0.26
			794658	14.00	15.00	1.00	<5	187	0.62
			794659	15.00	16.00	1.00	76	258	1.97
			794660	16.00	17.00	1.00	24	90	0.77
			794661	17.00	18.00	1.00	29	59	0.70
			794662	18.00	19.00	1.00	197	205	1.72
			794663	19.00	20.00	1.00	6	770	6.09
			794664	20.00	21.00	1.00	913	767	6.63
			794665	21.00	22.00	1.00	527	1473	7.29
			794666	22.00	23.00	1.00	1521	582	5.13
			794667	23.00	24.00	1.00	1054	491	3.22
			794668	24.00	25.00	1.00	731	470	3.69
			794669	25.00	26.00	1.00	25	18	0.24
			794670	26.00	27.00	1.00	273	99	1.17
			794671	27.00	28.00	1.00	259	136	1.68
			794672	28.00	29.00	1.00	216	306	1.37
			794673	29.00	30.00	1.00	<5	61	0.34
			794674	30.00	31.00	1.00	260	291	1.56
			794675	31.00	32.00	1.00	21	327	1.39
		32.5-33.7: 30-40% po with minor cpy, and a splash of cpy at 33.3 m.	794676	32.00	33.00	1.00	536	479	2.82
			794677	33.00	34.00	1.00	1439	1023	5.99
			794678	34.00	35.00	1.00	200	815	3.64
			794679	35.00	36.00	1.00	371	369	2.43
			794680	36.00	37.00	1.00	<5	227	1.56
			794681	37.00	38.00	1.00	514	261	1.75
		38-39: 100 percent of clasts are silicified and epidotized mafic volcanic	794682	38.00	39.00	1.00	104	227	1.70
39.10	40.20	**Fault Breccia:** Fracturing is sub-parallel to CA. Rock is still mineralized mafic tuff. Much of the brecciation is incipient - no movement	794683	39.00	40.00	1.00	43	190	2.70

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
40.20	44.80	**Tuff with Chert and Sulphides:** Tuff is made up largely of clasts of chert and silicified-epidotized mafic volcanic. Bedding/sch 60° to CA	794684	40.00	41.00	1.00	32	324	2.80
			794685	41.00	41.80	0.80	85	217	1.51
			794686	41.80	42.80	1.00	9	304	2.31
			794687	42.80	43.80	1.00	41	171	1.32
		43.95: Splash of cpy	794688	43.80	44.80	1.00	12	636	4.75
44.80	46.40	**Mafic Tuff:** No sulphides	794689	44.80	46.40	1.60	7	73	0.57
46.40	50.80	**Tuff with Sulphides:** Mafic tuff with short sections of nearly massive po. Bedding/schistosity at 60° to CA	794690	46.40	47.50	1.10	1696	818	5.53
		47.9-48.2: Splashes of cpy	794691	47.50	48.60	1.10	3201	1448	8.90
			794692	48.60	49.75	1.15	1589	958	4.72
		49.7-50.8: Abundant large clasts of silicified and epidotized mafic volcanic	794693	49.75	50.40	0.65	341	243	1.84
50.80	53.70	**Mafic Tuff:** Large clasts of silicified mafic volcanic (possibly in situ). Beddin/schistosity varies from 35° to 60° to CA	794694	50.40	52.30	1.90	20	31	0.21
			794695	52.30	53.70	1.40	380	17	0.15
53.70	64.00	**Tuff with Sulphides:** Consistently mineralized with 10% to 60% po.	794696	53.70	54.75	1.05	4830	1368	6.94
		Bedding/schistosity angles to CA	794697	54.75	55.80	1.05	2378	576	3.90
		55 m - 55°	794698	55.80	56.85	1.05	1611	809	3.57
		57 m - 40°	794699	56.85	57.90	1.05	1088	731	4.60
		60 m - 50°	794700	57.90	58.95	1.05	111	246	1.84
		63 m - 60°	794701	58.95	60.00	1.05	605	300	2.87
			794702	60.00	61.00	1.00	1724	1652	8.37
			794703	61.00	62.00	1.00	1311	1393	8.02
			794704	62.00	63.00	1.00	462	585	3.72
			794705	63.00	64.00	1.00	970	613	3.76
64.00	71.30	**Mafic Tuff:** With a few highly silicified sections. Bedding/schistosity 65° to CA	794706	64.00	65.00	1.00	64	161	1.20
		64.0-67.0: scattered sections with minor po	794707	65.00	66.00	1.00	9	24	0.22
		66.5-66.6: White quartz vein at 90° to foliation with a 2 cm seam of very fine massive py	794708	66.00	67.00	1.00	18	96	1.03
71.30	83.10	**Black Argillite:** Not graphitic. Thinly laminated at 45° to 65° to CA. Occasional pyrite on fracture surfaces.							
		79.2: A 1 cm seam of very fine massive pyrite at 90° to foliation with 5 cm of pink alteration on both sides							
83.10	114.20	**Mafic Tuff:** Green coloured lithic tuff, monotonous. Bedding/schistosity varies from 35° to 55° to CA. Occasional siliceous clasts..							
		93.8-94.2: White quartz vein with wallrock inclusions, upper contact at 90°, lower contact irregular.							
		95.9-98.7; 105.0-109.5: Abundant conformable quartz bands (recrystallized chert?), occasional siliceous clasts							
114.20	118.30	**Argillite:** Very fine grained, consistently laminated at 45° to CA, brownish colour (biotite?)							
		115.5-115.7: Quartz invasion							
118.30	140.00	**Mafic Tuff:** Alternates with short sections of brownish argillite as above. Bedding/schistosity consistent at ≈ 45° to CA							
		122.3-124.5; 137.0-139.0: Moderately silicified							

140.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-12

DIAMOND DRILL LOG

Hole No.	**SP21-12**
Dip	**-65°**
Depth	**161 m**
Azimuth (local)	
Azimuth (true)	**085°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563330E 5362856N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **97.80-99.00: 1.20 m @ 3.69 g/t Au** **and** **112.00-113.00: 1.00 m @ 2.31 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-65.5	*
50.0	-64.7	86.0
80.0	-64.6	86.5
110.0	-64.2	86.8
140.0	-63.4	86.8

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	4.00	**Casing**							
4.00	94.10	**Mafic Tuff:** Possibly including sections of mafic volcanic flows.	794709	4.00	5.00	1.00	114	305	2.64
		4.0-7.7: Scattered sections with 5-10% po.	794710	5.00	6.00	1.00	24	91	1.58
		9.4-9.7: White quartz vein	794711	6.00	7.00	1.00	104	64	1.04
		12.5; 12.65-12.75: Quartz veins sub-conformable to foliation	794712	7.00	8.00	1.00	77	110	1.65
		17.2-19.5: Quartz invasion							
		22.0: A 4 cm quartz vein at 90° to foliation	Core angles to bedding/schistosity						
		60.3: A 5 cm quartz vein at 90° to CA	9 m	20°	41 m	35°	74 m	15°	
		61.0-61.1: Quartz vein with wallrock inclusions, irregular contacts	12 m	40°	43 m	30°	76 m	20°	
		66-69: Probably a mafic flow	15 m	20°	45 m	5°	78 m	30°	
			16 m	30°	47 m	10°	80 m	30°	
		Sigmoidal folding as shown by the core angles→	18 m	20°	50 m	20°	83 m	20°	
			21 m	20°	53 m	30°	85 m	2°	
			25 m	40°	56 m	0°	87 m	20°	
			28 m	10°	59 m	0°	89 m	30°	
			30 m	5°	62 m	0°	91 m	20°	
			32 m	5°	65 m	5°	93 m	20°	
			34 m	30°	68 m	5°			
			38 m	30°	71 m	0°			
			794713	93.00	94.00	1.00	29	80	0.78
94.10	113.00	**Mineralized Siliceous Breccia:** A mass of tightly packed fragments of laminated chert and totally silicified volcanics with a matrix of pyrrhotite that forms up to 40% of the rock, averaging 15-20%. Clasts are mostly <2 cm, occasionally up to 5 cm. This is a volcanic breccia, not tectonic.	794714	94.00	95.00	1.00	29	143	1.99
			794715	95.00	95.80	0.80	446	186	2.76
			794716	95.80	96.80	1.00	<5	56	0.80
			794717	96.80	97.80	1.00	31	170	2.03
			794718	97.80	99.00	1.20	3695	361	3.00
		95.8-96.75: Short interval of mafic tuff.	794719	99.00	100.00	1.00	55	598	5.40
		Core angles (where bedding is apparent)	794720	100.00	101.00	1.00	106	638	5.58
		96 m - 30°	794721	101.00	102.00	1.00	165	611	5.63
		98 m - 20°	794722	102.00	103.00	1.00	316	851	6.74
		101 m - 10°	794723	103.00	104.00	1.00	69	672	4.36
		104 m - 5°	794724	104.00	105.00	1.00	31	434	4.29
		108 m - 30°	794725	105.00	106.00	1.00	10	552	3.75
		110 m - 30°	794726	106.00	107.00	1.00	<5	320	2.58
			794727	107.00	108.00	1.00	81	637	4.75
			794728	108.00	109.00	1.00	647	787	4.71

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
94.10	113.00	(continued)	794729	109.00	110.00	1.00	247	927	6.31
			794730	110.00	111.00	1.00	217	700	5.05
			794731	111.00	112.00	1.00	72	964	7.15
			794732	112.00	113.00	1.00	2306	639	6.38
113.00	161.00	**Mafic Tuff:** As 4.0-94.1 m. Some sections may be mafic flows. Bedding/schistosity consistent at 25-30° to CA, except at 120-121 m, where a short section is at 0° (middle limb of sigmoidal fold). Scattered intervals with minor po as streaks on foliation planes.	794733	113.00	114.00	1.00	281	116	1.46
		118.3-118.4: Quartz vein with irregular contacts	794734	122.00	123.00	1.00	55	172	1.79
			794735	123.00	124.00	1.00	26	181	1.70
		122-137: Average of 3-5% po as streaks, with occasional splashes of cpy, and minor py on fracture surfaces	794736	124.00	125.00	1.00	11	129	1.80
		125.3-125.4; 127.7-128.4; 129.5-129.6: irregular patches of massive po	794737	125.00	126.00	1.00	21	81	1.17
			794738	126.00	127.00	1.00	15	54	0.64
			794739	127.00	128.00	1.00	263	331	2.65
			794740	128.00	129.00	1.00	17	123	1.98
			794741	129.00	130.00	1.00	11	95	1.46
		130.35-130.55: Quartz vein at 90° to CA with splashes of po	794742	130.00	131.00	1.00	27	116	1.63
			794743	131.00	132.00	1.00	222	93	1.64
			794744	132.00	133.00	1.00	238	137	2.17
			794745	133.00	134.00	1.00	153	165	2.13
		134.05-134.10: Quartz vein with splashes of po	794746	134.00	135.00	1.00	144	101	1.75
			794747	135.00	136.00	1.00	42	74	1.03
			794748	136.00	137.00	1.00	8	115	1.55

161.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-13

DIAMOND DRILL LOG

Hole No.	**SP21-13**
Dip	**-50°**
Depth	**158 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563275E 5362856N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **95.00-99.00: 4.00 m @ 1.43 g/t Au** **and** **105.00-106.00: 1.00 m @ 1.24 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-50.3	88.5
50.0	-49.0	89.9
110.0	-46.8	*
140.0	-44.8	91.2

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	
0.00	8.00	**Casing**							
8.00	13.00	**Mafic Tuff:** Green, contains abundant chunks of silicified mafic volcanic. Bedding/schistosity 40-50° to CA. Lower contact gradational.							
13.00	18.50	**Argillite:** Black, thinly bedded at 60-70° to CA. Minor po streaks at 16.5-17.0							
18.50	54.30	**Mafic Tuff:** Medium green, monotonous lithic tuff with short fine-grained intervals that grade into argillite. Bedding/schistosity is consistent at 40-50° to CA.							
		29.8-30.5: Minor po							
		37.85; 38.05: Angular 2 cm "chunks" of massive fine grained po							
54.30	58.40	**Mafic Volcanic:** Medium green, massive but may be fragmental in part.							
58.40	94.90	**Mafic Tuff:** Similar to the above, bedding/schistosity at ≈ 45° to CA							
		72.7-74.7: Series of narrow white quartz veins sub-parallel to CA with small offsets (incipient brecciation)							
		83.4-84.1; 85.1-85.7: Quartz invasion makes up 20% of the rock							
		88.5: Irregular quartz vein with wallrock inclusions.	794749	94.00	95.00	1.00	144	128	1.01
94.90	106.20	**Mineralized Zone (Tuff with Sulphides):** Mafic tuff as above with 20-50% po as irregular patches aligned on bedding planes, and also patches without orientation. Minor py, and trace cpy. Bedding/schistosity consistent at 45° to CA.	794750	95.00	96.00	1.00	2218	1058	7.08
			794751	96.00	97.00	1.00	1043	1160	6.80
			794752	97.00	98.00	1.00	1376	1341	7.45
		98.05-98.10; 98.40-98.45: Irregular quartz veins with po concentrations at contacts	794753	98.00	99.00	1.00	1067	663	4.95
			794754	99.00	100.00	1.00	289	680	4.62
			794755	100.00	101.00	1.00	321	1057	7.01
		101.5: Cpy concentration 10% over 1 cm	794756	101.00	102.00	1.00	852	1486	8.05
			794757	102.00	103.00	1.00	9	946	6.94
			794758	103.00	104.00	1.00	7	693	4.45
			794759	104.00	105.00	1.00	202	691	5.39
			794760	105.00	106.00	1.00	1241	896	6.30
106.20	109.00	**Tuff with Chert and Minor Sulphides:** Mafic tuff as above with ≈ 50% slivers of laminated chert, and short intervals of brecciated chert. One 2 cm section of undisturbed chert (photo). 5-10% po erratically distributed. Bedding at 40° to CA. Quartz vein with splashy po at contacts and partially digested wallrock inclusions with po. 	794761	106.00	107.00	1.00	70	413	3.04
			794762	107.00	108.00	1.00	422	396	3.95
			794763	108.00	109.00	1.00	559	216	1.90
109.00	110.10	**Mineralized Zone:** As 94.9-106.2, po content <5%, bedding/schistosity at 45° to CA	794764	109.00	110.00	1.00	355	387	3.74

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	
110.10	153.00	**Mafic Tuff:** Typical lithic tuff, grey colour, bedding/schistosity consistent at ≈ 45° to CA.	794765	110.00	111.00	1.00	42	84	0.52
		118.4-118.6: Quartz vein at 90° to foliation with chloritic seams and py concentrated on the contacts.	794766	118.30	118.80	0.50	<5	36	0.32
			794767	118.80	120.00	1.20	<5	96	0.57
		119.5-120.5: Minor po streaks on foliation planes	794768	120.00	121.00	1.00	<5	77	0.99
		121.5-122.0: Minor po streaks on foliation planes, brown colour (biotite?)	794769	121.00	122.00	1.00	<5	30	0.32
		136.6: Splash of po							
		138.8-138.95: Irregular mass of quartz							
		144.30-144.36: Quartz vein at 90° to foliation							
		148.25-148.35: Conformable grey quartz vein							
153.00	158.00	**Argillite:** Gradational from the overlying mafic tuff. Dark grey, fine grained, thin bedded.							

158.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-14

DIAMOND DRILL LOG

Hole No.	**SP21-14**
Dip	**-50°**
Depth	**122 m**
Azimuth (local)	
Azimuth (true)	**088°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563266E 5362815N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **74.00-95.00: 21.00 m @ 2.06 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
50.0	-46.2	86.7
80.0	-45.3	82.4
110.0	-44.6	86.3

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	5.00	**Casing**							
5.00	12.20	**Mafic Volcanic:** Medium green, fine grained, near massive with local weak schistosity at 50° to CA							
		9.8-12.2: Heavily silicified and epidotized.							
		11.45-11.80: Quartz vein with wispy green wallrock inclusions. Contacts ≈ 50° to CA (not conformable to schistosity)							
12.20	73.90	**Mafic Tuff:** Includes intervals that are indistinguishable from the mafic volcanic. Bedding/schistosity at 40-60° to CA but decreases to 25° at the lower contact							
		22.2-22.4: Very irregular quartz vein with wallrock inclusions							
		27.0-29.0: Very minor po streaks							
		29.7-30.3: 5-10% po streaks, minor py, trace cpy	794770	29.60	30.40	0.80	142	86	1.46
		32.25-32.30: Banded chert apparently in situ							
		69.8-70.6: Light green alteration, rock is soft and friable							
		71.0-71.2; 71.35-71.55: White quartz veins	794771	73.00	74.00	1.00	122	136	0.92
73.90	99.50	**Mineralized Zone (Tuff with Chert and Sulphides):** Mafic tuff with abundant chert as undisturbed layers and broken clasts. 20-40% po as matrix of the brecciated intervals. Minor py (on schistosity planes) and trace cpy. Proportion of po varies with proportion of chert.	794772	74.00	75.00	1.00	1952	672	3.68
			794773	75.00	76.00	1.00	2578	1096	6.58
		Bedding/schistosity angles to CA	794774	76.00	77.00	1.00	2941	907	5.37
		74 m - 30°	794775	77.00	78.00	1.00	678	332	1.85
		77 m - 40°	794776	78.00	79.00	1.00	1715	572	3.13
		80 m - 45°	794777	79.00	80.00	1.00	1718	647	3.70
		83 m - 45°	794778	80.00	81.00	1.00	2691	1496	7.05
		86 m - 35°	794779	81.00	82.00	1.00	1584	887	4.94
		89 m - 50°	794780	82.00	83.00	1.00	884	574	4.50
		92 m - 50°	794781	83.00	84.00	1.00	1099	669	3.85
		95-99 m consistent at 45°	794782	84.00	85.00	1.00	1643	1144	6.19
			794783	85.00	86.00	1.00	2397	1192	6.28
			794784	86.00	87.00	1.00	2911	544	3.26
			794785	87.00	88.00	1.00	1234	1012	5.73
			794786	88.00	89.00	1.00	1822	1619	7.75
			794787	89.00	90.00	1.00	5905	1454	6.67
			794788	90.00	91.00	1.00	1576	1113	6.04
			794789	91.00	92.00	1.00	726	1264	7.42
			794790	92.00	93.00	1.00	602	1273	7.32
			794791	93.00	94.00	1.00	2488	1087	5.85
			794792	94.00	95.00	1.00	4216	715	4.83
		95-96: Rock is altered, soft and friable	794793	95.00	96.00	1.00	102	222	1.66
			794794	96.00	97.00	1.00	733	859	5.85
			794795	97.00	98.00	1.00	453	544	3.53
			794796	98.00	99.00	1.00	1127	394	2.98
			794797	99.00	100.00	1.00	490	420	2.43

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
99.50	103.50	**Mafic Tuff (with po streaks):** Grey mafic lithic tuff with 5-20% po as streaks on foliation planes. Bedding/schistosity steady at 45° to CA	794798	100.00	101.00	1.00	16	119	0.91
			794799	101.00	102.00	1.00	92	229	1.99
			794800	102.00	103.00	1.00	10	122	1.45
			794801	103.00	104.00	1.00	<5	40	0.45
103.50	122.00	**Mafic Tuff:** As above, but very minor po streaks. Bedding/schistosity 45° to CA							

122.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-15

DIAMOND DRILL LOG

Hole No.	**SP21-15**
Dip	**-65°**
Depth	**230 m**
Azimuth (local)	
Azimuth (true)	**085°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563266E 8362815N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**No significant gold values**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-66.2	*
50.0	-65.1	84.9
80.0	-64.6	84.3
110.0	-62.7	84.9
150.0	-62.1	84.9
170.0	-61.7	87.8
200.0	-60.9	85.8
230.0	-60.2	88.6

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	4.50	**Casing**							
4.50	12.80	**Mafic Volcanic:** Massive, very intensely silicified with over 75% of pale green (epidote) silica patches. Wormy appearance in places							
12.80	19.50	**Mafic Volcanic:** Dark green, near massive, fine-grained.							
		14.95-15.00; 16.85-16.90: Quartz veins with wallrock inclusions							
19.50	169.30	**Mafic Tuff:** Upper contact is gradational. Typical grey lithic tuff.	Bedding/schistosity angles to CA						
		31.65-31.70: Quartz vein at high angle to foliation	20 m	55°	62 m	30°	120 m	35°	
		32.55-32.60: Quartz vein, irregular contacts	23 m	45°	65 m	35°	125 m	35°	
		32.8-33.2: 1-2% po streaks	24 m	40°	68 m	30°	128 m	30°	
		34.0-36.6: Heavily fractured with quartz veins sub-parallel to the core	26 m	0°	72 m	35°	130 m	35°	
		52.7-53.1: ≈ 10% po as coarse splashes	28 m	35°	74 m	20°	133 m	20°	
		56.0: Streak of cpy on foliation plane	29 m	30°	77 m	35°	137 m	30°	
		65.5-65.7: Quartz vein with irregular splashes of cpy	32 m	25°	80 m	30°	140 m	35°	
		Minor po at 80.8-80.9; 81.8-82.0; 82.1; 86.2-86.4; 86.6-86.7; 87.1; 89.4; 91.5; 99.2	38 m	20°	84 m	15°	141 m	20°	
		134.4-134.6: Clasts of silica and chert, 10% po streaks	41 m	35°	86 m	10°	147 m	25°	
		135.98-136.05: Quartz vein at high angle to foliation with large clots of po	44 m	35°	90 m	15°	150 m	15°	
		136.5-136.6: Silica and chert clasts, 10% po streaks	47 m	40°	92 m	20°	151 m	30°	
		144.8-150.2: 5-10% po streaks	48 m	40°	95 m	30°	153 m	20°	
		162.5-163.0: Over 80 percent of silica chunks	49 m	0°	98 m	20°	155 m	25°	
			51 m	30°	101 m	20°	159 m	30°	
			52 m	30°	105 m	40°	162 m	20°	
			53 m	50°	109 m	40°	165 m	10°	
			56 m	30°	114 m	40°	167 m	10°	
			59 m	35°	116 m	30°	169 m	10°	
163.00	192.00	**Tuff with minor Chert and Sulphides:** Mafic tuff as above with ≈ 10% of chert clasts and intermittent intervals with up to 15% po. Amounts of chert and sulphide are much less than the mineralized interval in SP21-14. Occasional traces of py and cpy.	794802	169.00	170.00	1.00	9	19	0.86
			794803	170.00	171.00	1.00	<5	7	0.34
		Bedding/schistosity angles to CA	794804	171.00	172.00	1.00	31	52	1.61
		173 m - 35°	794805	172.00	173.00	1.00	72	53	1.32
		176 m - 20°	794806	173.00	174.00	1.00	7	74	1.33
		178 m - 35°	794807	174.00	175.00	1.00	22	163	1.91
		182 m - 30°	794808	175.00	176.00	1.00	7	166	1.97
		187 m - 30°	794809	176.00	177.00	1.00	<5	52	0.97
		190 m - 35°	794810	177.00	178.00	1.00	5	60	1.20
		210 m - 45°	794811	178.00	179.00	1.00	<5	105	1.66
		214 m - 35°	794812	179.00	180.00	1.00	<5	68	1.14
		225 m - 30°	794813	180.00	181.00	1.00	<5	45	0.68
			794814	181.00	182.00	1.00	<5	103	0.71

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
163.00	192.00	(continued)	794815	182.00	183.00	1.00	<5	66	0.25
			794816	183.00	184.00	1.00	22	119	1.07
			794817	184.00	185.00	1.00	38	186	2.64
			794818	185.00	186.00	1.00	<5	193	2.34
			794819	186.00	187.00	1.00	<5	190	2.17
			794820	187.00	188.00	1.00	<5	128	1.68
			794821	188.00	189.00	1.00	<5	30	0.39
			794822	189.00	190.00	1.00	15	147	1.77
		190.6-191.3: Quartz full of wallrock inclusions, very large clots of po at 191.2	794823	190.00	191.00	1.00	25	111	1.22
			794824	191.00	192.00	1.00	24	105	1.08
192.00	230.00	**Argillite (graphitic in part) and tuff:** Alternating finely laminated tuff with cherty layers, argillite and graphitic argillite. Contacts are all gradational and hard to pinpoint.							
		204.5-205.4: 30% quartz invasion with angular wallrock inclusions in the wider quartz sections	794825	204.50	205.90	1.40	<5	61	0.70
		205.96-205.98: Irregular quartz vein with heavy po, lesser py and trace cpy	794826	205.90	206.15	0.25	6	118	0.91
		206.0-206.7: 10% quartz invasion	794827	206.15	207.20	1.05	<5	54	0.16
		208.1: 3 cm quartz vein at high angle to foliation	794828	207.20	208.20	1.00	<5	73	0.39
			794829	208.20	209.00	0.80	13	63	0.38
		209.0-209.8: 5% po streaks, several narrow (<1 cm) quartz veins and lenses at high angles to foliation, with heavy po	794830	209.00	209.70	0.70	63	194	1.51
			794831	209.70	210.70	1.00	<5	90	0.61
		210-211: Grey quartz bands conformable to bedding, with contortion and axial planes parallel to the core axis	794832	210.70	211.80	1.10	17	69	0.71
			794833	211.80	212.60	0.80	15	78	0.71
		212.6-212.9: Irregular white and grey quartz bands with minor po	794834	212.60	213.00	0.40	9	75	0.60
		220-226: 1-2% of po streaks on foliation planes							
		220.05-220.25: Very irregular quartz vein with splashes of po	794835	219.90	220.90	1.00	13	77	0.81
		221.00-221.06: White high angle quartz vein with blebs of py	794836	220.90	221.30	0.40	18	74	0.82
			794837	221.30	222.40	1.10	<5	94	1.00
		222.95: Irregular grey quartz lens 2×4 cm with minor po	794838	222.40	223.60	1.20	<5	93	1.02
		223.70-223.85: White high angle quartz vein with clots of po on upper contact	794839	223.60	224.00	0.40	<5	76	0.79
			794840	224.00	225.00	1.00	7	82	0.92
			794841	225.00	226.00	1.00	<5	91	1.12
		229.25-229.30: Irregular grey quartz lens, cut by a 2-3 mm white quartz veinlet parallel to CA with a small (<1 cm) offset							

230.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-16

DIAMOND DRILL LOG

Hole No.	**SP21-16**
Dip	**-50°**
Depth	**107 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563300E 5632765N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**Results:** **32.00-42.00: 10.00 m @ 1.72 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-50.9	*
50.0	-50.3	*
92.0	-47.7	90.5

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	6.70	**Casing**							
6.70	31.50	**Tuff with lesser Chert/silica and Sulphides:** Mafic tuff, relatively low amount of clasts of chert and silca (silicified volcanic) and po (0-30%). Bedding/schistosity varies 45-60° to CA, averages 50°							
		6.7-15.0: Moderate amount of silica and chert fragments	794842	6.70	7.50	0.80	21	60	0.75
		7.6-8.6: 10-15% po	794843	7.50	8.50	1.00	32	178	1.91
			794844	8.50	9.50	1.00	83	100	0.79
		9.6-12.2: 15-20% po	794845	9.50	10.75	1.25	111	426	2.98
			794846	10.75	12.00	1.25	538	373	2.87
		12.2-13.0: minor po	794847	12.00	13.00	1.00	45	174	1.18
		13.0-15.0: 5-10% po	794848	13.00	14.00	1.00	271	202	1.54
			794849	14.00	15.00	1.00	12	320	2.11
		15.0-23.0: Very abundant chert/silica fragments, po variable 0-30%	794850	15.00	16.00	1.00	183	460	3.03
			794851	16.00	17.00	1.00	43	343	3.19
			794852	17.00	18.00	1.00	11	282	3.40
			794853	18.00	19.00	1.00	269	432	3.35
			794854	19.00	20.00	1.00	32	296	3.80
			794855	20.00	21.00	1.00	73	366	3.80
		21.0-21.9: Vuggy fracture at 2° to CA, coated with py	794856	21.00	22.00	1.00	24	364	3.41
			794857	22.00	23.00	1.00	116	435	3.81
		23.0-24.1: Dirty grey chert bands, scattered po clots and splashes	794858	23.00	24.00	1.00	163	127	1.55
		24.1-24.9: Core very broken and friable, 1-3% py disseminated	794859	24.00	25.00	1.00	24	93	0.78
		24.9-26.0: 5% po streaks	794860	25.00	26.00	1.00	215	382	2.57
		26.0-26.3: Core broken and friable	794861	26.00	27.00	1.00	<5	<5	0.02
		26.3-31.5: Minor amounts of chert/silica fragments, 5-10% po as streaks	794862	27.00	28.00	1.00	<5	44	0.42
			794863	28.00	29.00	1.00	<5	8	0.09
			794864	29.00	30.00	1.00	<5	<5	0.01
			794865	30.00	31.00	1.00	<5	87	0.68
31.50	44.80	**Tuff with Chert and Sulphides:** Similar to the above but proportions of chert/silica fragments and po are higher and more consistent (15-30% po). Bedding/schistosity at 40-45° to CA	794866	31.00	32.00	1.00	436	953	6.42
			794867	32.00	33.00	1.00	854	817	7.14
			794868	33.00	34.00	1.00	2275	1022	7.19
			794869	34.00	35.00	1.00	1119	1074	6.20
			794870	35.00	36.00	1.00	2161	1495	7.73
			794871	36.00	37.00	1.00	1484	1447	7.08
			794872	37.00	38.00	1.00	892	497	3.55
			794873	38.00	39.00	1.00	1021	749	5.42
			794874	39.00	40.00	1.00	661	1391	9.03

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
31.50	44.80	(continued)	794875	40.00	41.00	1.00	1352	986	5.25
			794876	41.00	42.00	1.00	2254	733	5.24
			794877	42.00	43.00	1.00	35	672	4.34
		43.0-44.8: Several bands of in situ laminated chert, po content ≈ 5%	794878	43.00	44.00	1.00	<5	197	1.49
			794879	44.00	45.00	1.00	<5	236	2.32
44.80	58.50	**Mafic Tuff:** Typical grey lithic tuff, grades into more massive volcanic after 48.4 m							
		44.8-45.9: Thinly bedded, local minor po							
		45.9-48.4: Intensely silicified with incipient brecciation							
58.50	61.00	**Tuff with lesser Chert/silica and Sulphides:** Similar to the 6.7-31.5 m interval, with moderate amount of chert/silica fragments at 59.0-59.4 and 60.4-60.8, 5-10% po throughout, increasing to 15-20% in siliceous sections. Bedding/schistosity at 45° to CA	794880	58.60	59.85	1.25	<5	160	1.61
			794881	59.85	61.10	1.25	<5	68	1.22
61.00	104.50	**Mafic Tuff:** Typical grey lithic tuff, bedding/schistosity consistent at 35-45° to CA							
		71.4-72.2: silica/chert clasts, 10-20% po	794882	71.25	72.35	1.10	<5	229	1.79
		80.2-80.5: 10% quartz invasion							
		83.7-83.95; 84.20-84.22; 93.25-93.30: Quartz veins at high angles to foliation, with clots of soft brown "stuff"							
		92.1-92.5; 93.3-93.7: Brown argillite layers							
104.50	107.00	**Argillite:** Brown, finely bedded. Upper contact is somewhat arbitrary							

107.0: - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No:

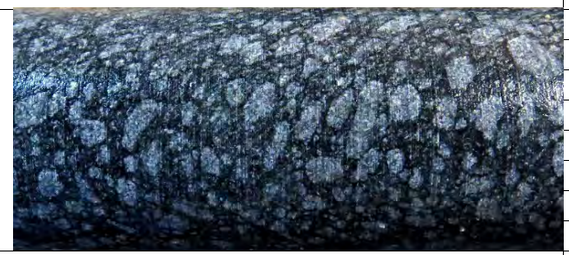
DIAMOND DRILL LOG

SP21-17

Hole No.	**SP21-17**
Dip	**-75°**
Depth	**122 m**
Azimuth (local)	
Azimuth (true)	**088°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563275E 5362765N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**No significant assays**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-75.4	83.1
50.0	-74.7	78.5
80.0	-74.5	77.4
110.0	-74.1	75.8

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	5.00	**Casing**							
5.00	13.00	**Mafic Volcanic:** Over 50% of this unit consists of pale green highly silicified patches, giving the rock a fragmental appearance. The transition to the next unit is gradational as the proportion of silicified patches decreases, a depositional layering starts to appear, and 5-10% po appears after 12 m.	794883	5.00	6.00	1.00	<5	24	0.14
			794884	6.00	7.00	1.00	<5	206	1.15
			794885	7.00	8.00	1.00	<5	84	0.41
			794886	8.00	9.00	1.00	6	39	0.29
			794887	9.00	10.00	1.00	<5	29	0.19
			794888	10.00	11.00	1.00	<5	12	0.09
			794889	11.00	12.00	1.00	20	390	0.22
			794890	12.00	13.00	1.00	<5	303	1.19
13.00	29.00	**Cherty Tuff:** This unit consists of grey-green laminated chert interbedded with very fine grained sedimentary or pyroclastic material. Some sections include clasts of broken up chert. Bedding varies from 35° to 55°, averaging about 45° to CA. Intervals at 17-21 m and 23-27 m include discrete clasts of silicified volcanic or chert, and some large blocks (up to 30 cm) of silicified volcanic with the bedding apparently swirling around them. They give the impression of explosive ejecta (or blocks that became detached and rolled downslope) dropped into unconsolidated sediment. Sulphides are essentially absent.	794891	13.00	14.00	1.00	<5	52	0.26
			794892	14.00	15.00	1.00	<5	127	0.92
			794893	15.00	16.00	1.00	<5	25	0.17
			794894	16.00	17.00	1.00	<5	8	0.04
			794895	17.00	18.00	1.00	<5	12	0.08
			794896	18.00	19.00	1.00	15	18	0.21
			794897	19.00	20.00	1.00	11	8	0.07
			794898	20.00	21.00	1.00	5	91	0.64
			794899	21.00	22.00	1.00	19	34	0.37
		22-26: Occasional clusters of fine cpy (apparently in one of the exotic blocks)	794900	22.00	23.00	1.00	52	85	0.90
			794901	23.00	24.00	1.00	21	70	1.01
			794902	24.00	25.00	1.00	6	77	1.07
			794903	25.00	26.00	1.00	<5	88	0.99
			794904	26.00	27.00	1.00	<5	75	0.72
			794905	27.00	28.00	1.00	<5	29	0.33
			794906	28.00	29.00	1.00	<5	9	0.05
29.00	32.10	**Mafic Tuff:** Typical lithic tuff. Scattered minor po as streaks. Bedding/schistosity varies from 15° to CA at 30 m to 45° at 32 m.	794907	29.00	30.00	1.00	<5	33	0.20
		30.7-31.2: Silicifies patches make up 10% of the rock, 5-10% po streaks and clots	794908	30.00	31.00	1.00	<5	81	0.62
			794909	31.00	32.00	1.00	<5	144	1.07
32.10	44.60	**Mafic Volcanic:** Including some tuffaceous intervals. Dark green, fine-grained, near massive with weak schistosity at ≈ 40° to CA							
44.60	48.20	**Mafic Tuff:** Similar appearance to the above volcanic, but better developed fragmental texture. Bedding/schistosity 30° to CA. Trace po							
48.20	49.70	**Mafic Volcanic:** As above							
49.70	52.30	**Mafic Tuff:** As above, bedding/schistosity ≈ 40° to CA							
		50.0-50.5: 10% silicified patches							
52.30	63.80	**Mafic Volcanic:** As above, weak schistosity ≈ 40° to CA decreasing to 20° downhole.							

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
63.80	69.50	**Mafic Tuff:** From 63.8 to 64.8 is a lithic tuff, well layered at 30-35° to CA. Remainder of the interval is **Lapilli Tuff** with rounded clasts of siliceous material (presumed to be silicified volcanic) in the 5-10 mm size range, in a finer-grained matrix, with a very weak depositional layering at about 45° to CA 							
69.50	74.30	**Mafic Volcanic:** As above, near massive. Alternating aphyric and porphyritic sections which have chloritic clots up to 3 mm, assumed to be pseudomorphs after pyroxene/amphibole phenocrysts.							
74.30	84.00	**Mafic Tuff:** Darker grey than usual. Bedding/schistosity angle decreases from 30° to CA at the start, to 5° at 83 m							
84.00	90.00	**Mafic Volcanic:** As above							
90.00	100.10	**Mafic Tuff:** Typical grey lithic tuff, bedding/schistosity fluctuates from 0° to 50° to CA							
		94-99: Moderate amount of siliceous clasts							
100.10	112.50	**Tuff with Chert:** Tuff as above with up to 30% of chert clasts up to 5 cm in size. Bedding/schistosity consistent at 30° to CA with excursions to 0° and 50°. Interval from 103.5 to 103.8 has silicified volcanic clasts in addition to chert.							
112.50	116.00	**Mafic Volcanic:** With porphyritic sections as at 69.5-74.3 m.							
116.00	122.00	**Tuff with Chert:** As 100.1-112.5 m. Bedding/schistosity consistent at 40° to CA							

122.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-18

DIAMOND DRILL LOG

Hole No.	**SP21-18**
Dip	**-60°**
Depth	**152 m**
Azimuth (local)	
Azimuth (true)	**090°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563255E 5362715N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**No gold assays ove 0.82 g/t Au**

Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-59.2	88.5
50.0	-56.8	88.9
80.0	-53.8	*
110.0	-51.9	*
140.0	-49.7	90.6

* - rejected magnetic reading

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	5.00	**Casing**							
5.00	8.50	**Mafic Tuff:** Typical lithic tuff. Bedding/schistosity steady at 45° to CA. No sulphides							
		5.0-5.9: Abundant clasts of grey vein quartz							
		7.4-8.1: Abundant clasts of quartz and mainated chert.							
8.50	11.30	**Mafic Volcanic:** Dark grey-green, massive, fine grained, occasional silicified seams.							
		11.05-11.15: White quartz ein at 90° to foliation							
11.30	26.20	**Mafic Tuff:** Typical lithic tuff. Bedding/schistosity steady at 45° to CA. No sulphides. Contains 20-50% of clasts of silicified volcanic; from 20 to 22.5 m a proportion of the siliceous clasts are laminated chert. Occasional "blocks" of silicified volcanic. From 22.5 to 25.5 m the silicified clasts are regular in size and subrounded, similar to the **lapilli tuff** in SP21-17. These lapilli are 5-10 mm in size, decreasing in size and abundance down hole. After 25.5 m the siliceous clasts are absent.	794910	12.00	13.00	1.00	<5	<5	0.03
			794911	13.00	14.00	1.00	<5	<5	0.05
			794912	18.00	19.00	1.00	<5	<5	0.02
			794913	19.00	20.00	1.00	<5	11	0.08
			794914	20.00	21.00	1.00	<5	11	0.05
			794915	21.00	22.00	1.00	<5	8	0.04
26.20	37.50	**Mafic Volcanic:** Dark grey-green, massive, fine grained, no schistosity							
		35.2-35.5: Band of argillite with minor po							
37.50	40.60	**Argillite:** Brown colour (biotite?). Bedding at 45° to CA							
40.60	44.30	**Mafic Tuff:** Typical lithic tuff with bedding/schistosity at 45° to CA.							
44.30	96.30	**Mafic Volcanic:** Dark green, near massive. Intermittent tuffaceous layers (flow-top fragmentals?). Schistosity at 45° to CA where present							
		59.2-59.8: Silicified section							
		62.3-62.4: White quartz vein at 90° to CA							
		72.0-72.4: Grey quartz vein conformable to schistosity, cut by a a white quartz vein, also conformable							
96.30	108.10	**Mafic Tuff:** Typical lithic tuff, bedding/schistosity angle increases from 30° at start to 45° at 108 m							
		97.8-98.6: Quartz invasion							
		104.7: a 4 cm splash of massive po							
108.10	140.20	**Tuff with Sulphides and Siliceous Clasts:** Mostly mafic tuff with a modest amount (10-20%) of clasts of silicified volcanic up to 1 cm. 10-40% of pyrrhotite, mostly aligned on foliation planes. Bedding/schistosity starts at 25° to CA, increases to a steady 45° after 115 m.							
		108.2-108.7: Over 50% of rock is clasts of chert.	794916	108.00	109.00	1.00	817	199	2.51
			794917	109.00	110.00	1.00	6	251	2.51
			794918	110.00	111.00	1.00	6	317	3.35
			794919	111.00	112.00	1.00	13	338	3.80
		112.4: A 5 cm qyartz blob with 2 cm of massive po on lower contact	794920	112.00	113.00	1.00	12	454	4.14
			794921	113.00	114.00	1.00	21	189	1.55
			794922	114.00	115.00	1.00	13	482	4.23
			794923	115.00	116.00	1.00	138	440	4.46
			794924	116.00	117.00	1.00	12	241	2.95
		117.4: A 2 cm high angle quartz vein with splashes of po	794925	117.00	118.00	1.00	<5	224	2.40

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
108.10	140.20	(continued)	794926	118.00	119.00	1.00	773	402	3.20
			794927	119.00	120.00	1.00	66	262	2.82
		120.5-123.0: Siliceous clasts are much sparser	794928	120.00	121.00	1.00	19	192	2.54
		121.6: Black chloritic alteration over a narrow interval, small py cubes	794929	121.00	122.00	1.00	21	146	1.89
			794930	122.00	123.00	1.00	36	67	1.09
			794931	123.00	124.00	1.00	6	96	1.56
		124.1-124.7: Intense silicification (a block?) with 2 cm of massive po on lower contact	794932	124.00	125.00	1.00	10	218	2.69
			794933	125.00	126.00	1.00	10	133	2.34
		126.0-128.7: Siliceous clasts are much sparser	794934	126.00	127.00	1.00	10	25	0.41
		127.4-127.9: Quartz veins at <10° to CA, chloritic alteration, disseminated py	794935	127.00	128.00	1.00	11	53	0.62
		128.7-131.2: Intense silicification (a block?) with splashes of po at upper contact	794936	128.00	129.00	1.00	8	151	1.57
		Comment: These"blocks" give the impression that they became rigid due to silicification while less altered tuffs deformed.	794937	129.00	130.00	1.00	<5	110	1.68
			794938	130.00	131.00	1.00	<5	150	2.04
		131.2-140.2: Monotonous even-bedded lithic tuff, proportion of po decreases towards the lower contact	794939	131.00	132.00	1.00	62	80	1.37
			794940	132.00	133.00	1.00	106	44	1.00
			794941	133.00	134.00	1.00	30	28	0.67
			794942	134.00	135.00	1.00	135	60	1.65
			794943	135.00	136.00	1.00	79	89	1.80
			794944	136.00	137.00	1.00	96	72	1.42
			794945	137.00	138.00	1.00	14	28	0.82
			794946	138.00	139.00	1.00	122	93	1.69
			794947	139.00	140.00	1.00	7	82	1.68
			794948	140.00	141.00	1.00	<5	46	0.59
140.20	152.00	**Mafic Tuff:** Lithic tuff, bedding/schistosity varies 35-60° to CA, averages about 45°.							
		140.2-141.4: Pale green alteration, some silicified bands							
		141.4-142.5: Intermittent sections with 5% po streaks on foliation planes							
		142.5-144.1: Pale green alteration, quartz bands and clumps at 143.6-144.1							
		144.1-145.5: Pale green alteration, looks like the porphyritic mafic volcanic							
		145.5-148.8: Band of black non-graphitic argillite							

152.0 - End of Hole

SPRUCE RIDGE RESOURCES LTD.
GREAT BURNT PROJECT - SOUTH POND "B" GOLD ZONE

Hole No: SP21-19

DIAMOND DRILL LOG

Hole No.	**SP21-19**
Dip	**-45°**
Depth	**62 m**
Azimuth (local)	
Azimuth (true)	**085°**
Collar coordinates (local)	
Collar coordinates (UTM)	**563375E 5360360N**
UTM datum & zone	**NAD27 ZONE 21**
Drilled By	**Core Bore Drilling**
Core Size	**NQ**
Casing Left In	**No**
Logged By	**Colin Bowdidge**
Comments:	**No significant gold or copper values**

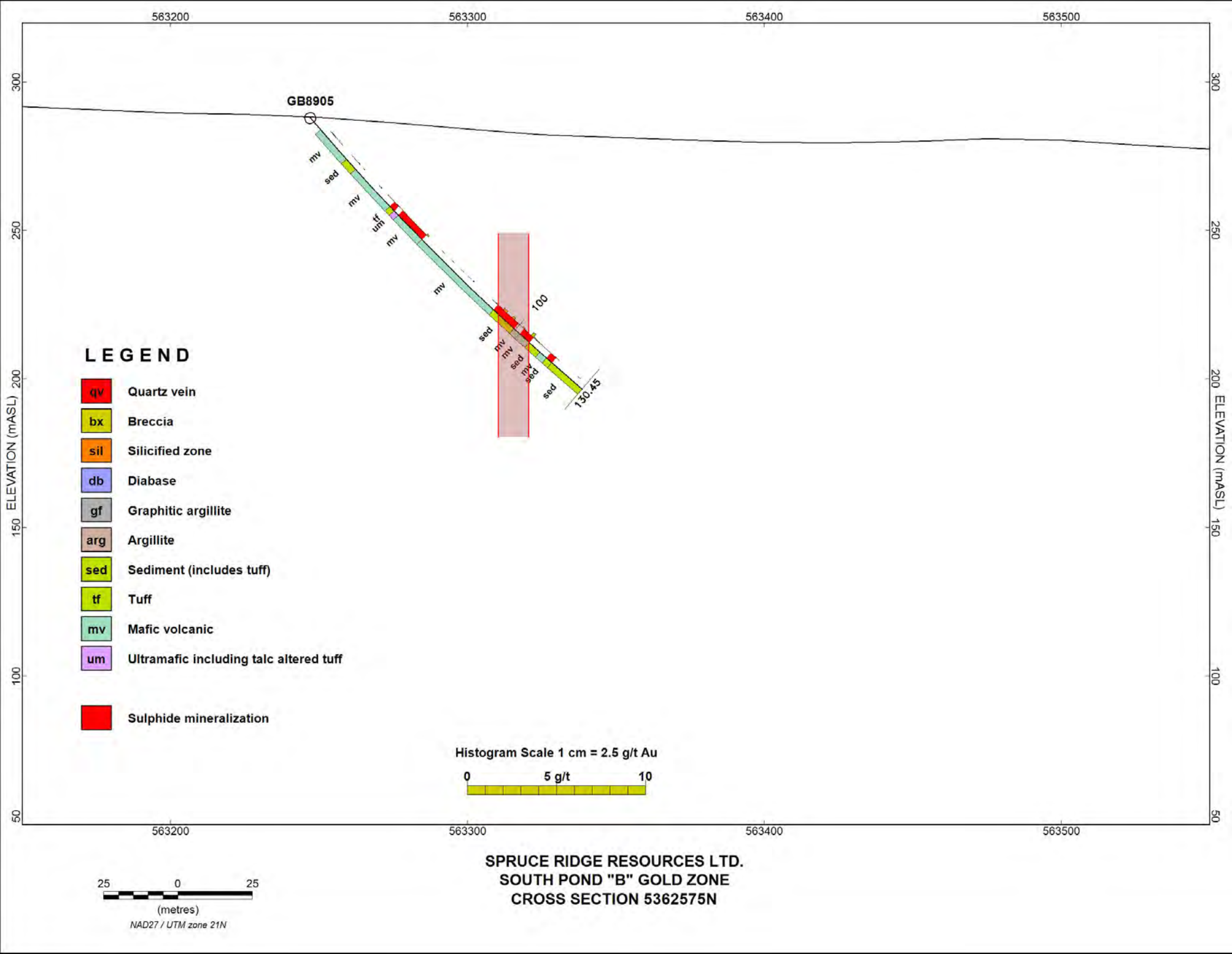
Drill Hole Survey		
Depth	**Dip**	**Az (true)**
20.0	-44.5	79.0
50.0	-43.9	84.1

From	To	Description	Sample	From	To	Length	Au ppb	Cu ppm	S (%)
0.00	4.50	**Casing**							
4.50	7.50	**Mafic Volcanic:** Typical, near massive, fine grained. Weak schistosity at 50° to CA where developed.							
		6.0-7.0: Minor po	430201	5.90	7.00	1.10	<5	302	0.79
			430202	7.00	7.80	0.80	<5	147	0.20
7.50	10.00	**Mafic Tuff/Agglomerate:** Coarse agglomerate or volcanic breccia with angular chunks of mafic volcanic up to 5 cm							
		7.9-8.5: Lapilli tuff as seen in SP21-17 and 21-18, streaks of po, speck of cpy at7.9	430203	7.80	8.80	1.00	<5	246	0.56
		8.5-10.0: Coarse agglomerate	430204	8.80	9.80	1.00	<5	443	1.12
10.00	12.80	**Mafic Volcanic:** Intensely silicified, massive. Amygdules are filled with pyrrhotite and some have cores of dark chloritic material. These amygdules are often surrounded by a rim of dark alteration. Agglomerate (fragmental flow-top?) from 10.7 to 11.0 m. 	430205	9.80	10.80	1.00	<5	463	1.49
			430206	10.80	11.80	1.00	<5	187	0.59
			430207	11.80	12.80	1.00	<5	268	0.73
12.80	13.90	**Mafic Tuff/Agglomerate:** As described above. Schistosity, where developed, at 35° to CA	430208	12.80	13.80	1.00	<5	154	0.30
13.90	17.50	**Mafic Volcanic:** As above, also silicified with po-filled amygdules	430209	13.80	14.80	1.00	<5	171	0.41
		14.0-14.2; 15.5-16.2; 17.3-17.5: sections with 5-10% disseminated po	430210	14.80	15.80	1.00	<5	236	0.64
			430211	15.80	16.80	1.00	<5	200	0.63
			430212	16.80	17.50	0.70	<5	159	0.68
17.50	24.00	**Mafic Volcanic:** Not silicified							
		20.8-22.0: Up to 5% blotchy po	430213	20.80	21.90	1.10	<5	266	1.59
			430214	21.90	23.00	1.10	<5	152	1.07
			430215	23.00	24.00	1.00	<5	99	0.89
24.00	25.60	**Mafic Volcanic:** Silicified and amygdaloidal as at 10.0-12.8 m	430216	24.00	24.80	0.80	<5	130	0.99
			430217	24.80	25.60	0.80	<5	311	2.28
25.60	62.00	**Mafic Volcanic:** Dark green-grey, near massive, no silicification, no sulphides except as noted							
		34.9-35.3: 39.5-39.9: Fractures and calcite seams at low angles to CA							
		45.0-45.6: 5% po as streaks in a tuffaceous band							
		49.7-51.0: Fractures and calcite seams at 30° to CA							
		53.9-54.3: 5% po as streaks in a tuffaceous band							

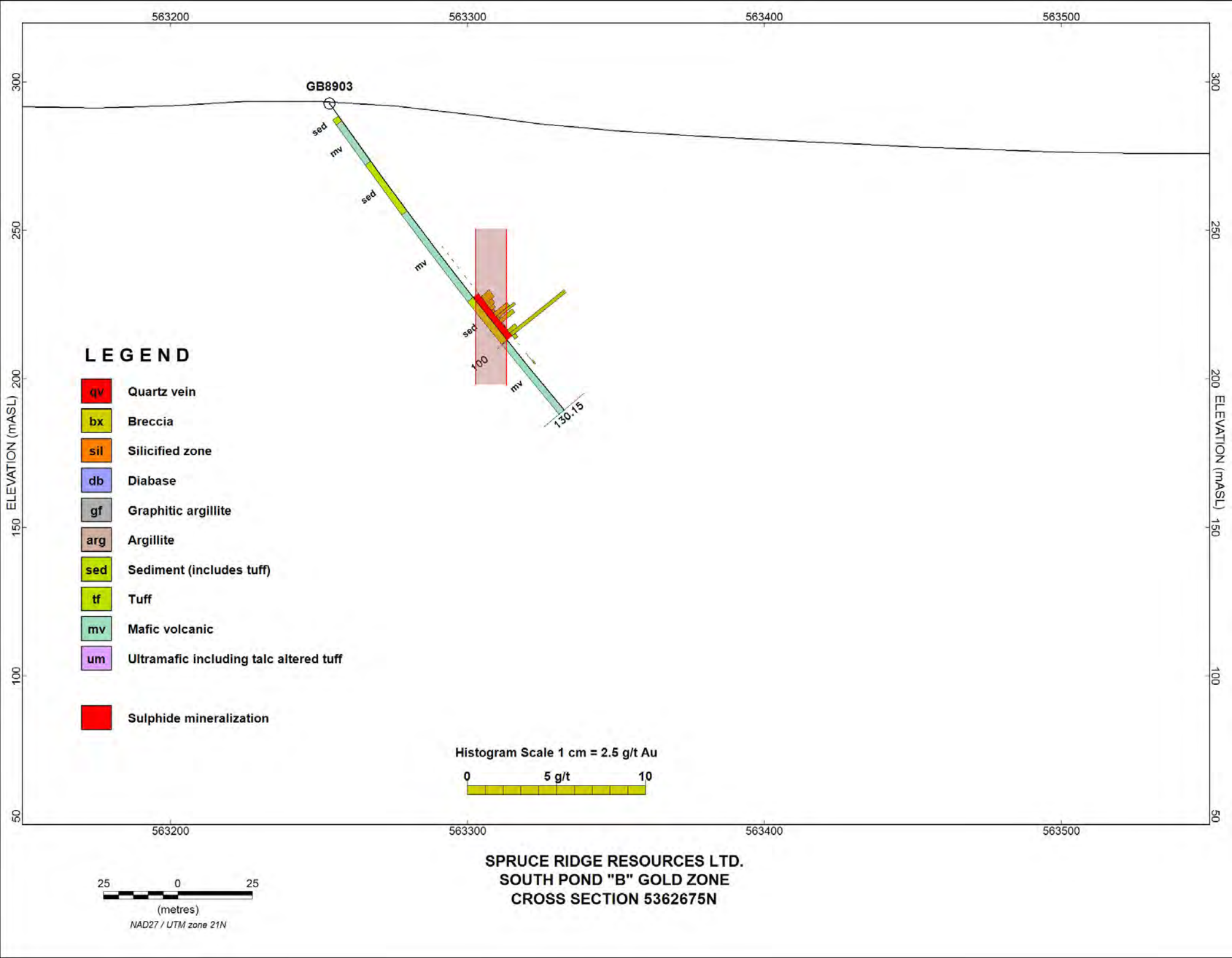
62.0 - End of Hole

APPENDIX 3

CROSS SECTIONS



SPRUCE RIDGE RESOURCES LTD.
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5362575N



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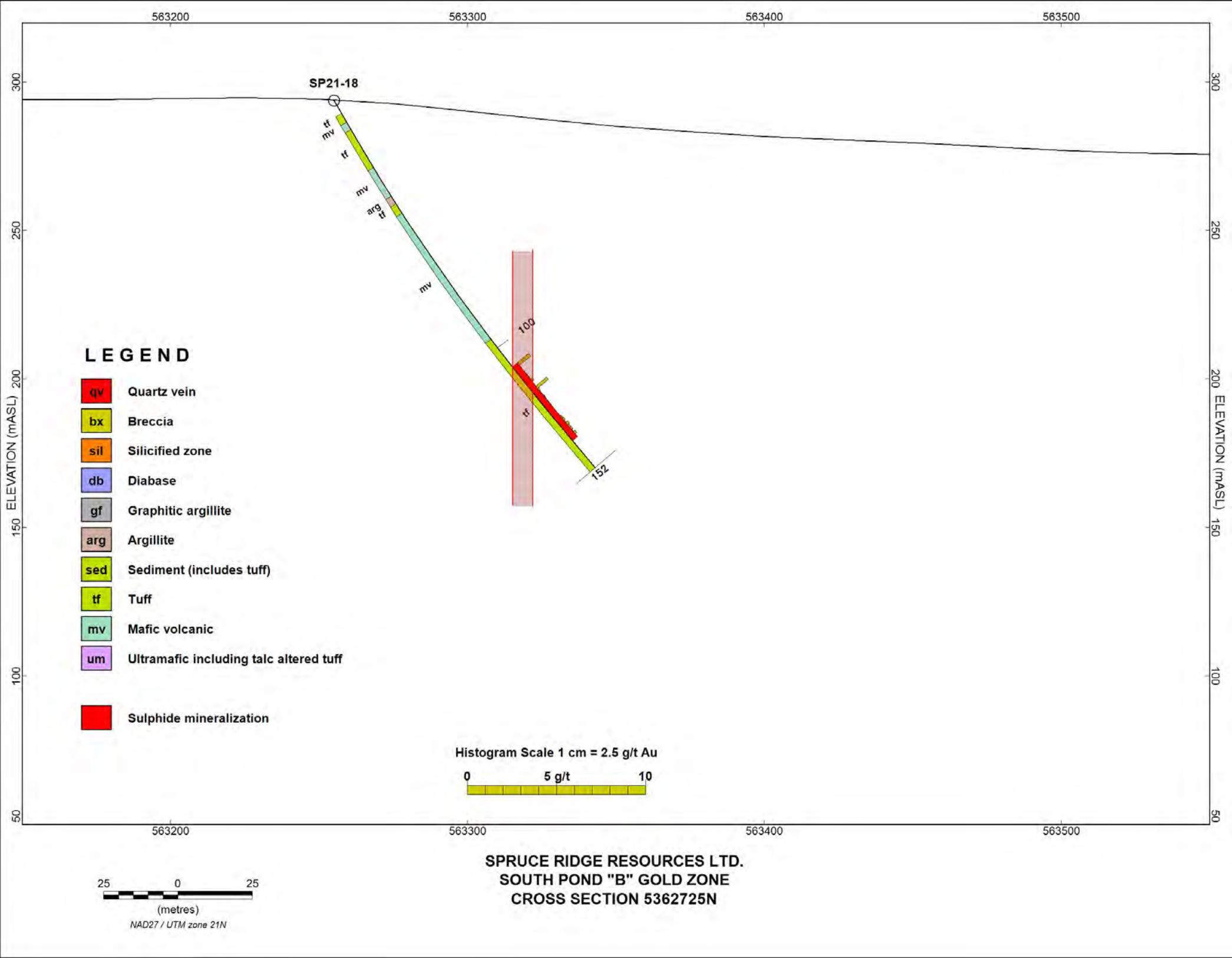
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5362675N



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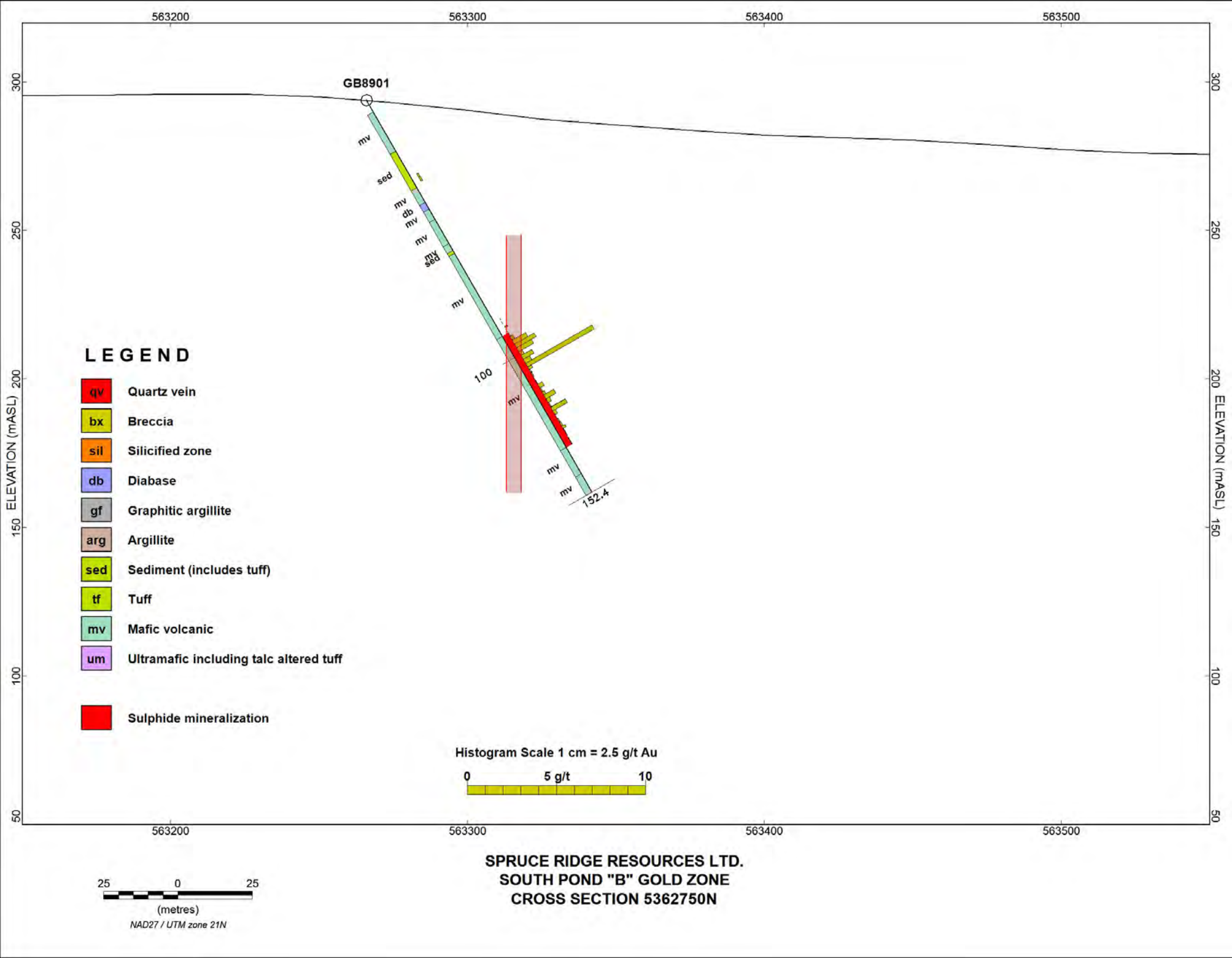
CROSS SECTION 5362725N



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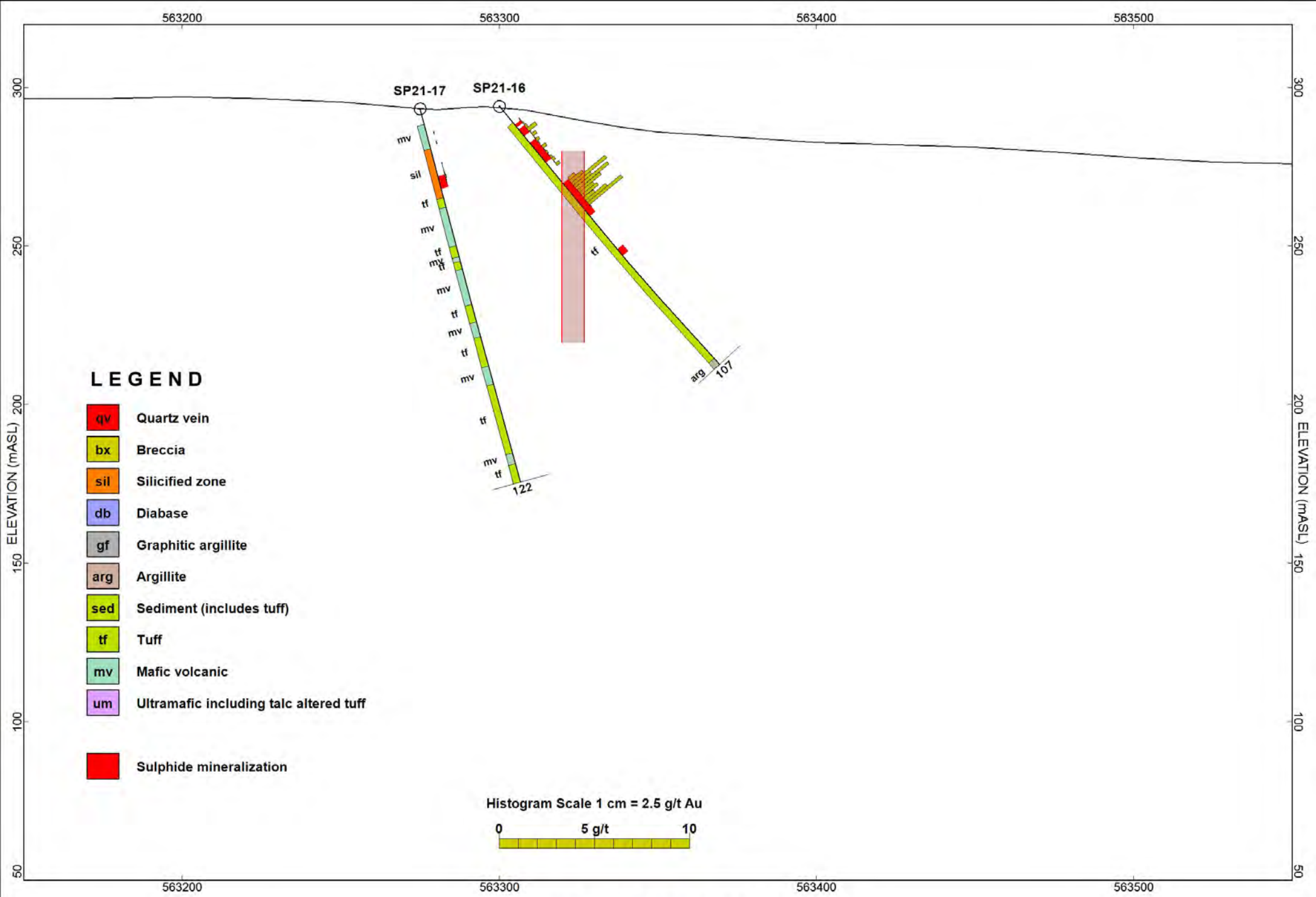
CROSS SECTION 5362750N



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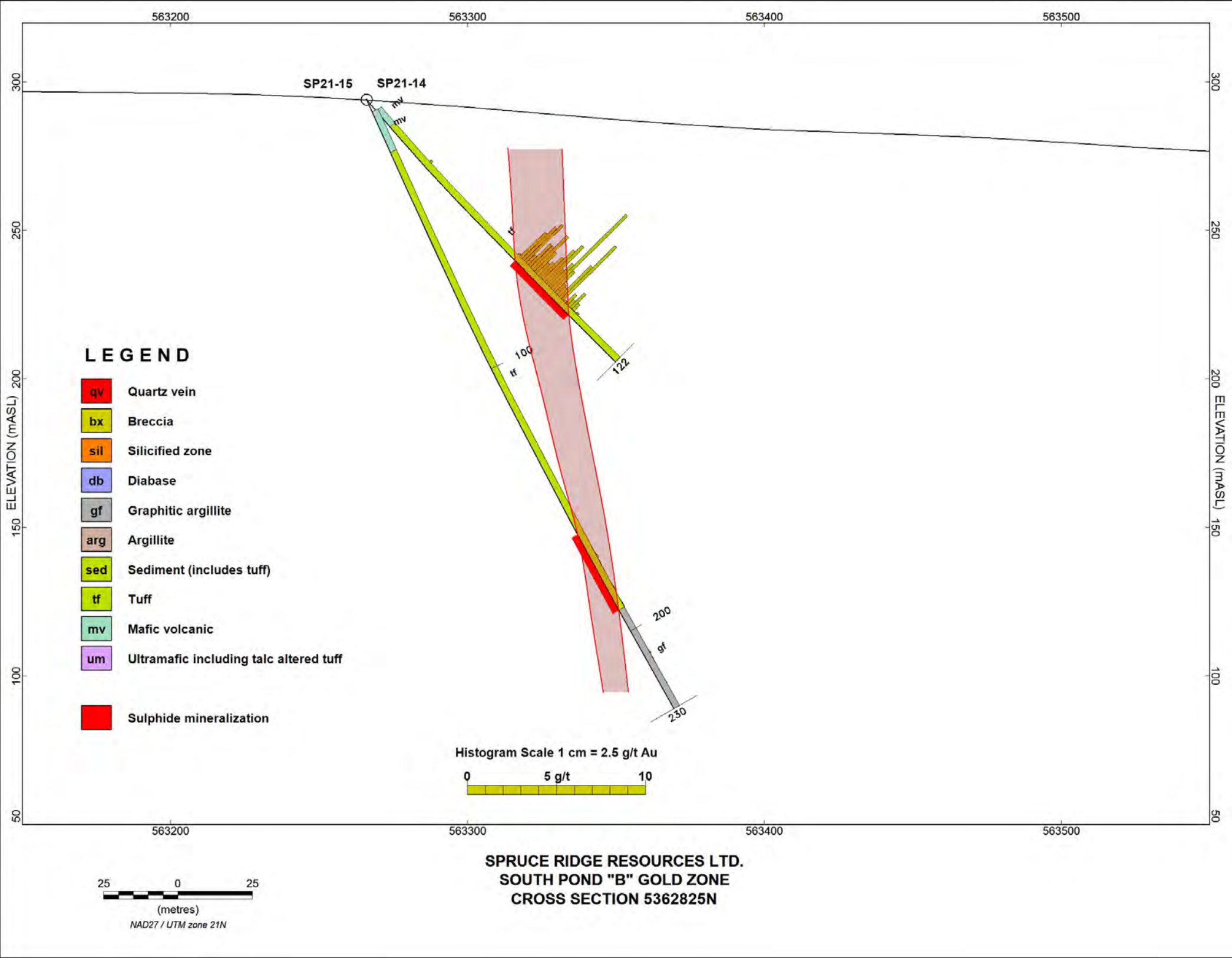
CROSS SECTION 5362775N



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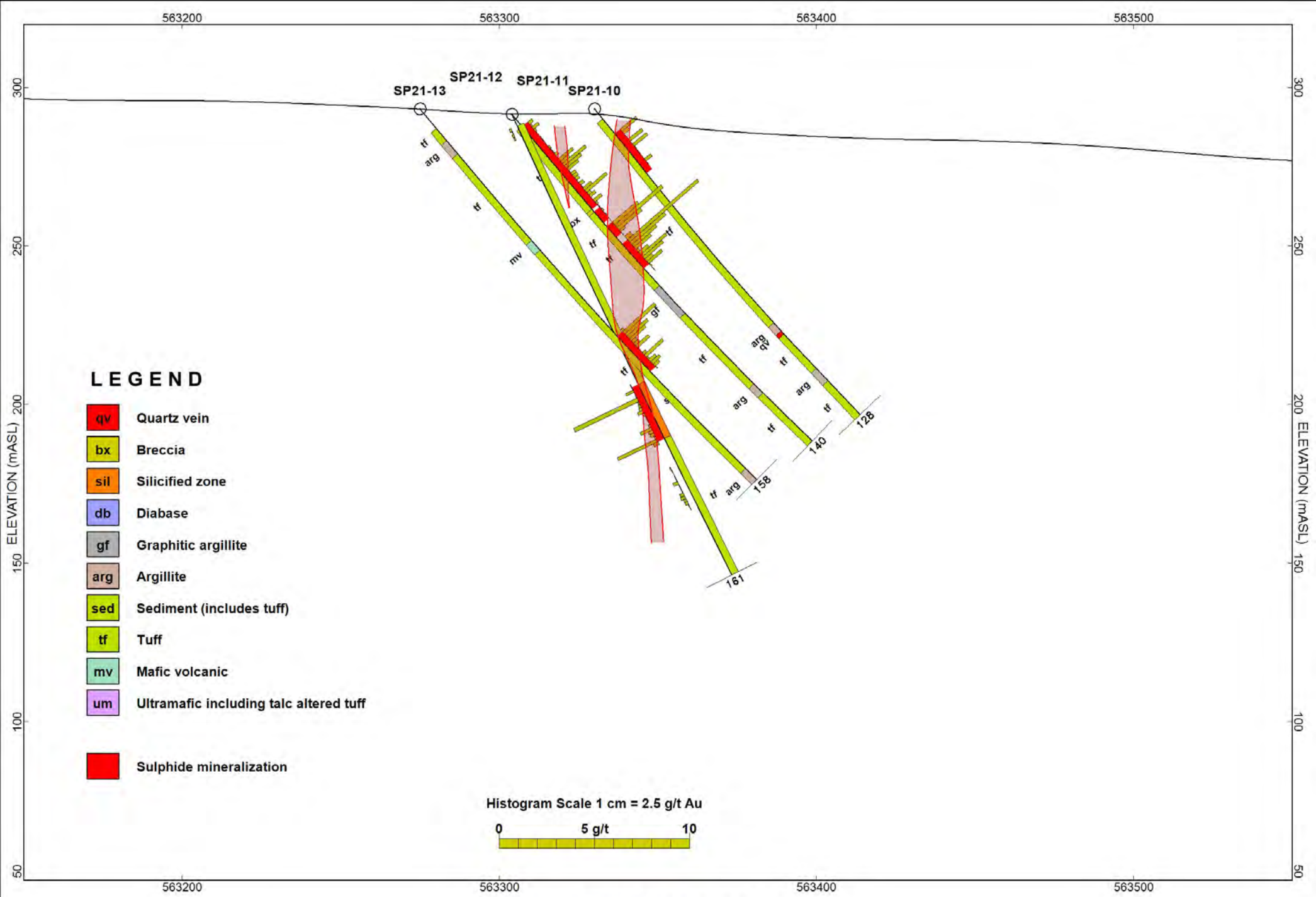
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5362825N



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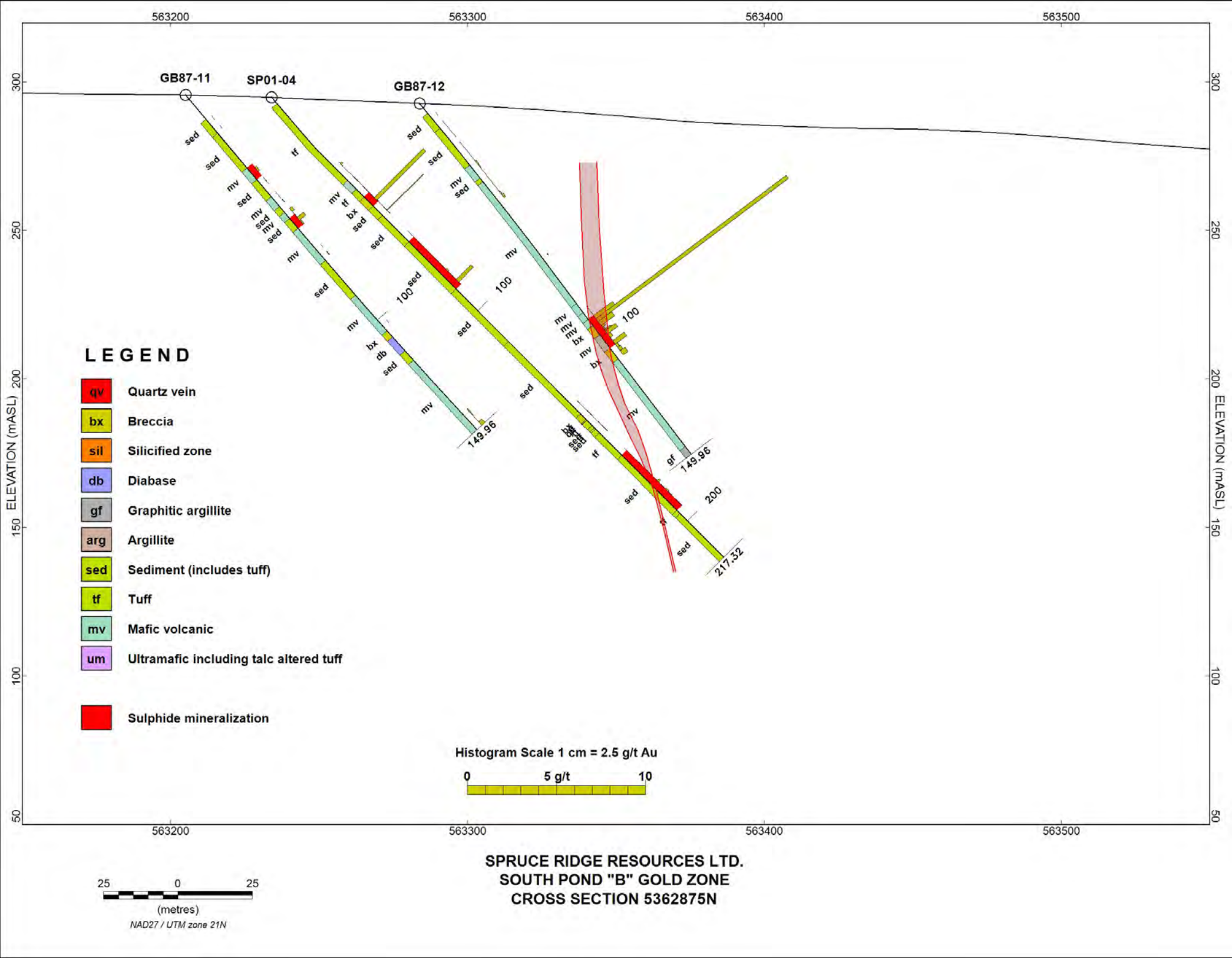
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5362850N

25 0 25
(metres)
NAD27 / UTM zone 21N



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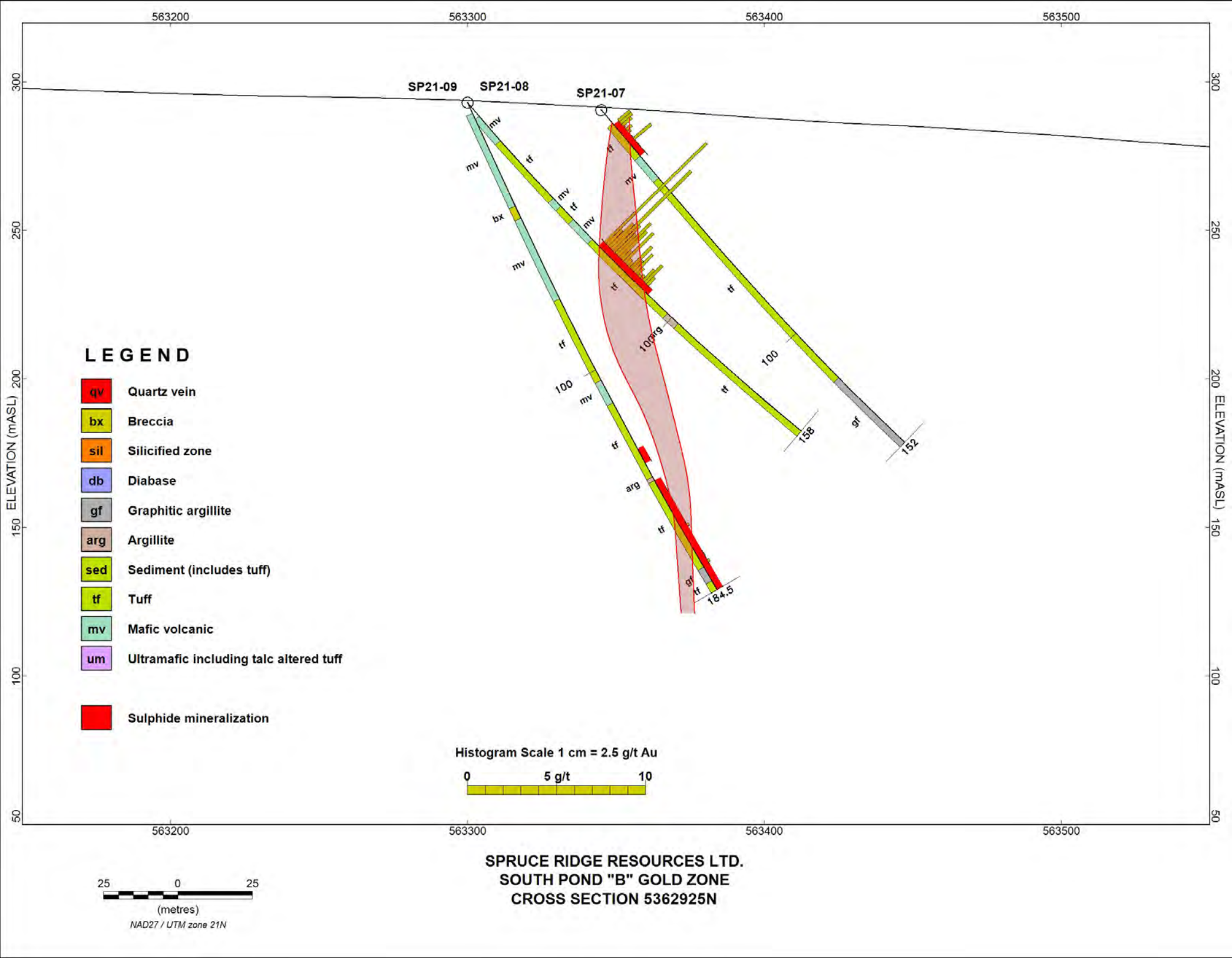
CROSS SECTION 5362875N



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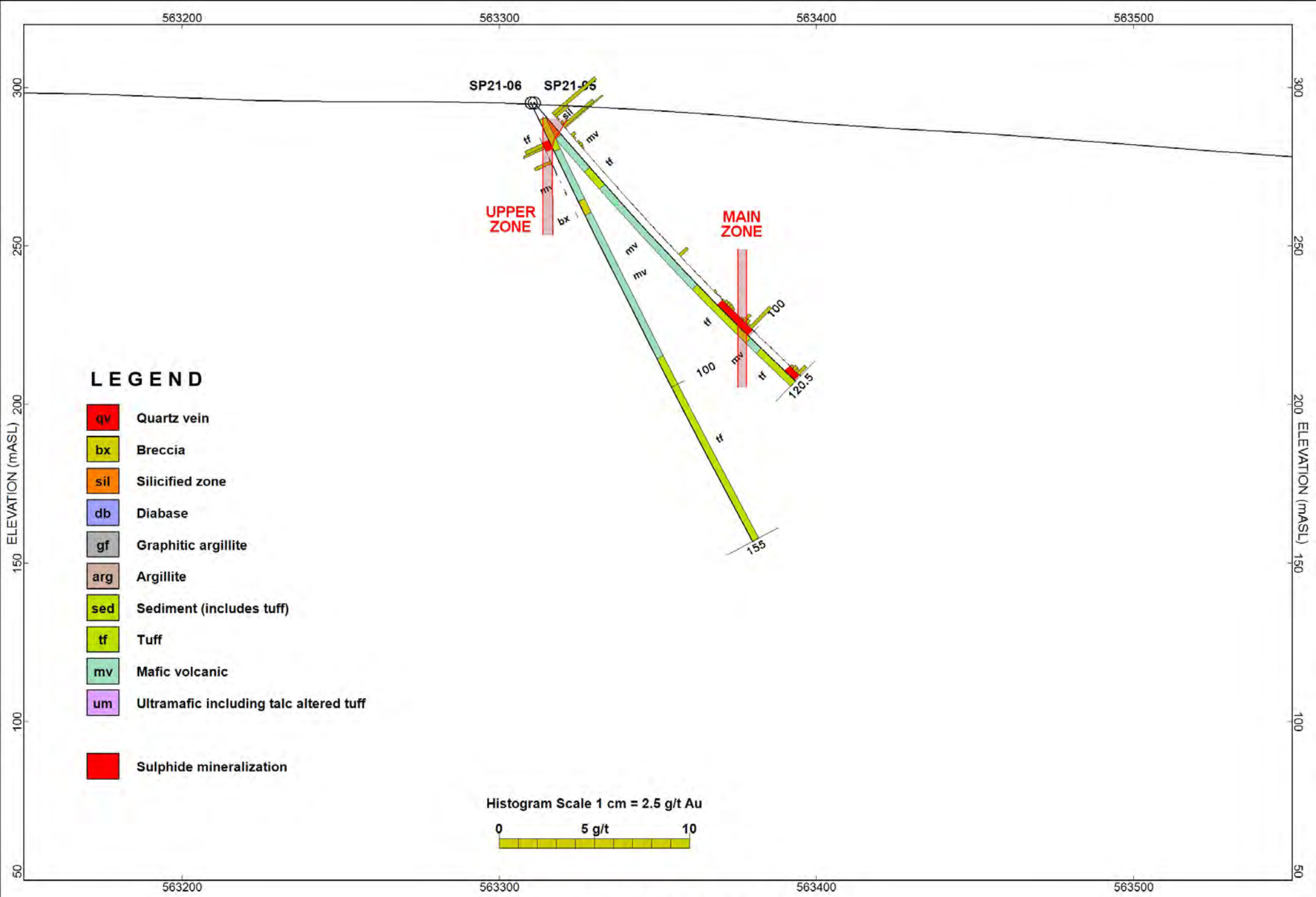
CROSS SECTION 5362925N



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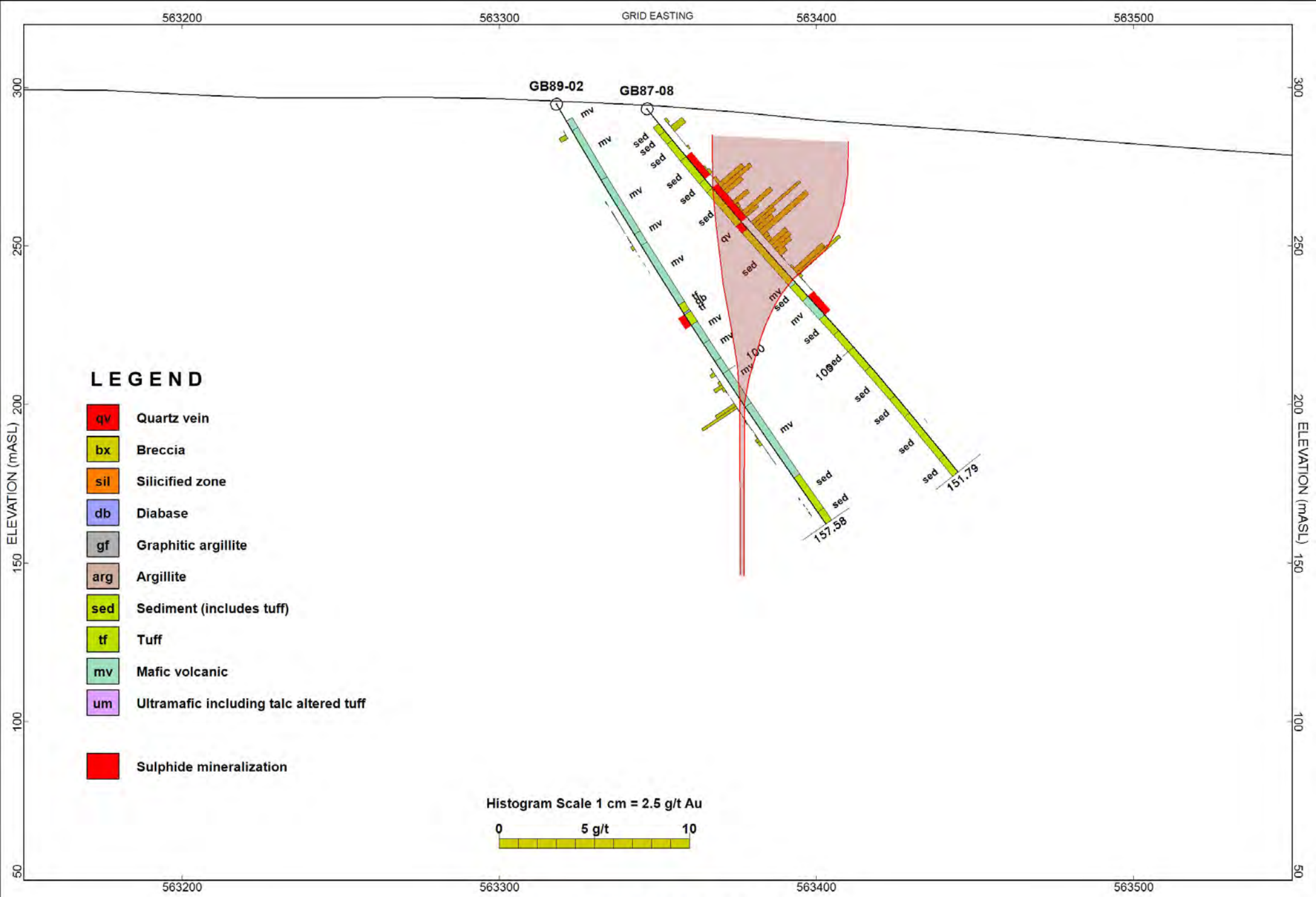
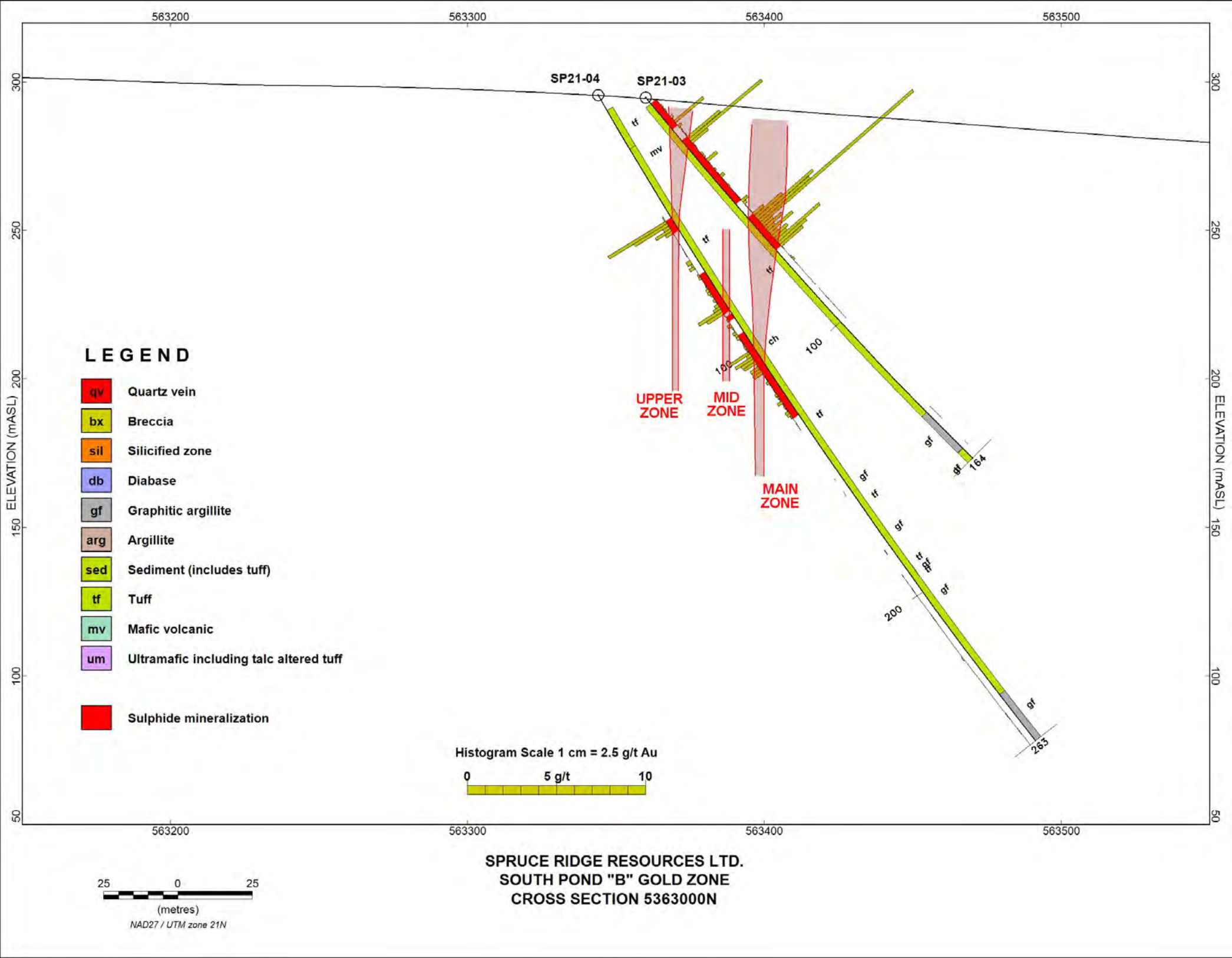
CROSS SECTION 5362950N



SPRUCE RIDGE RESOURCES LTD.
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5362975N

25 0 25
(metres)
NAD27 / UTM zone 21N



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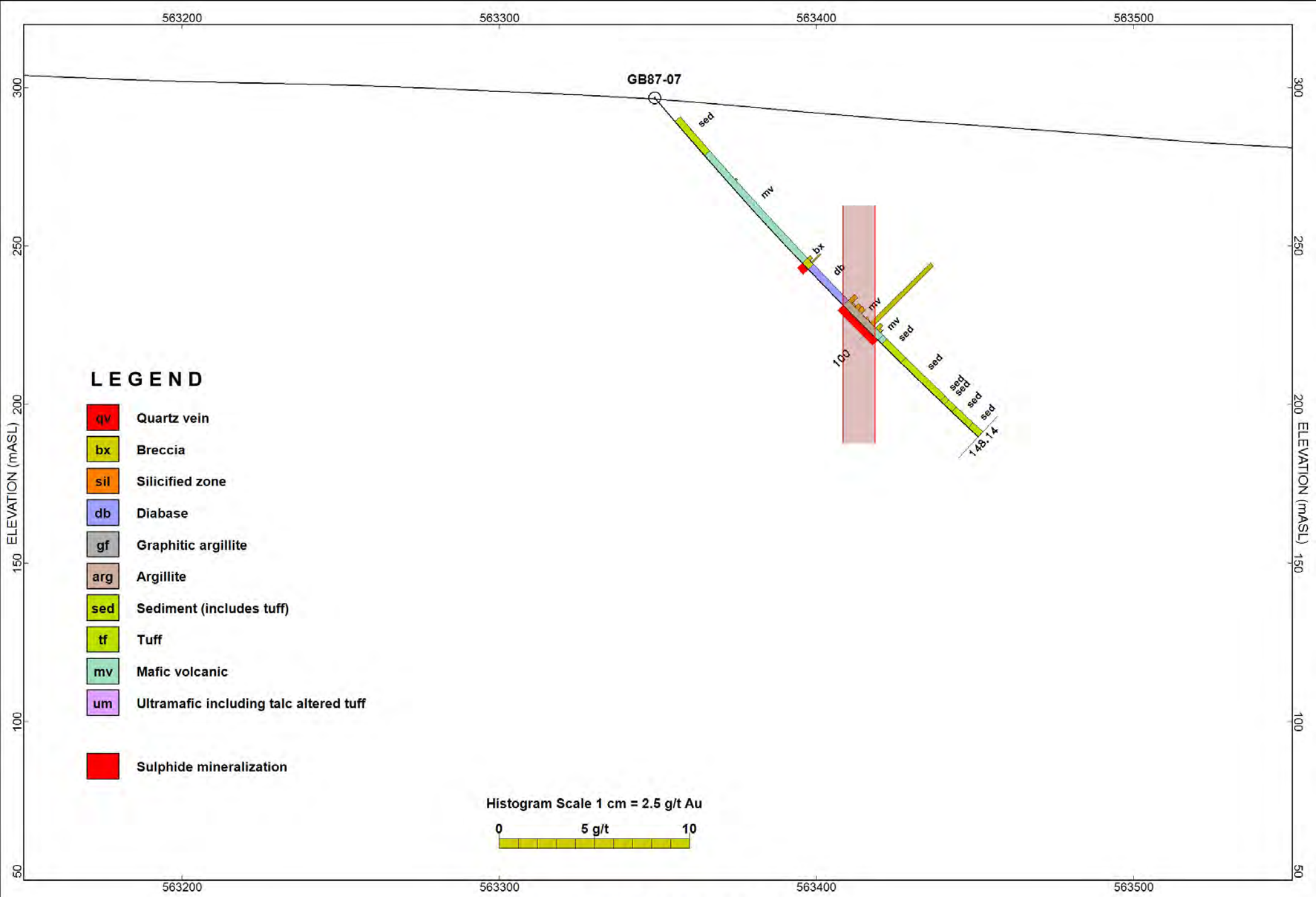
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5363000N



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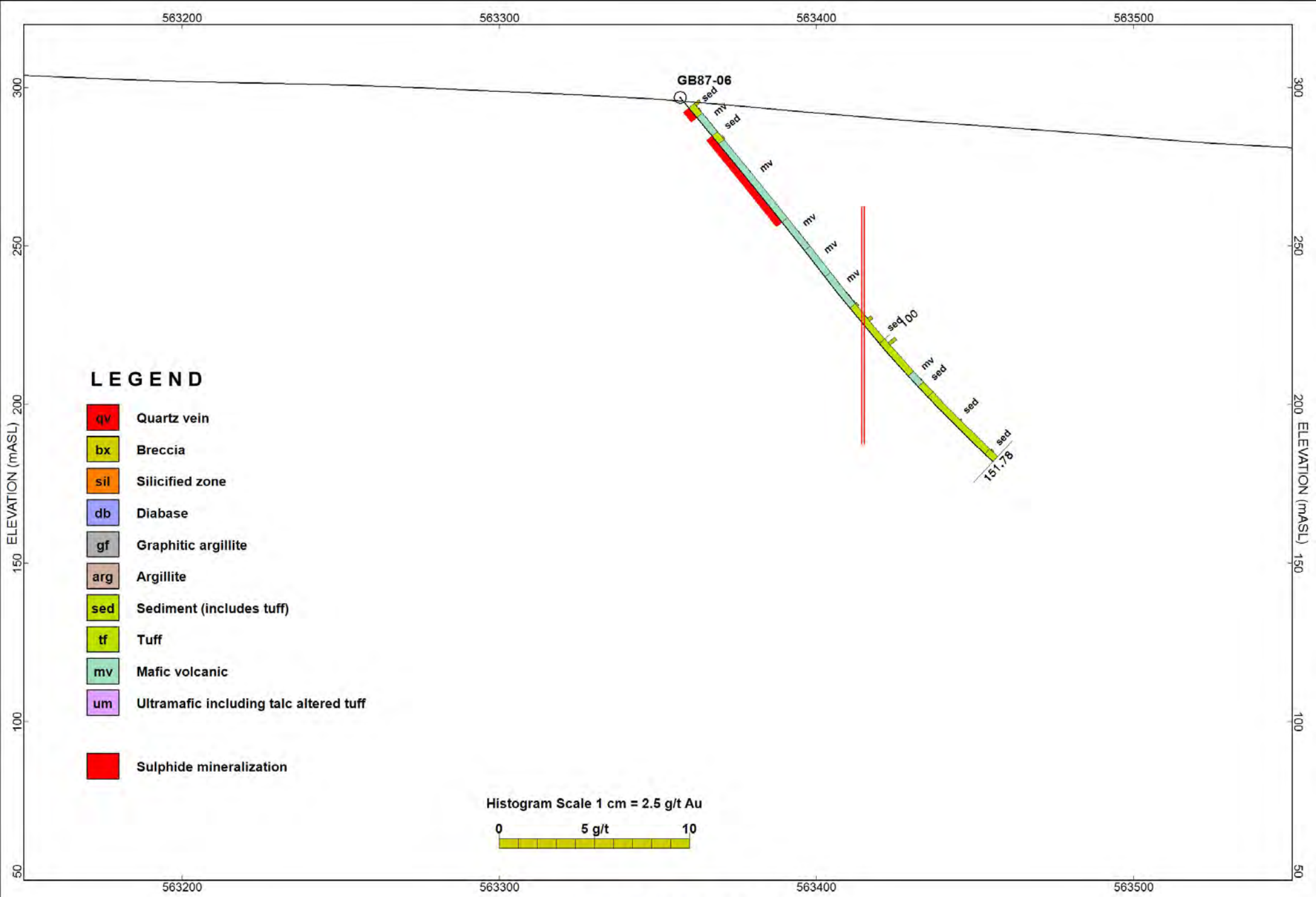
CROSS SECTION 5363025N



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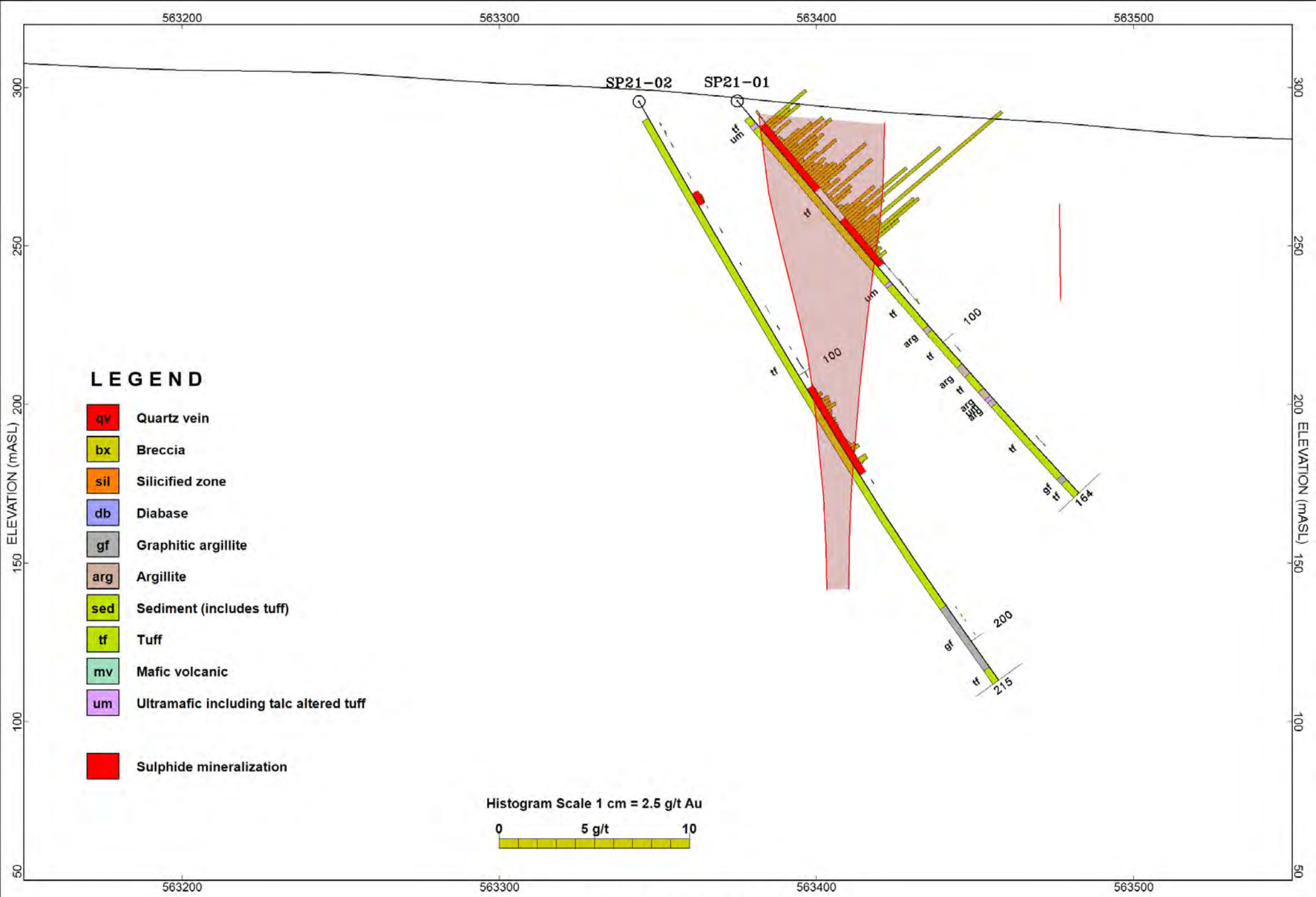
CROSS SECTION 5363025N



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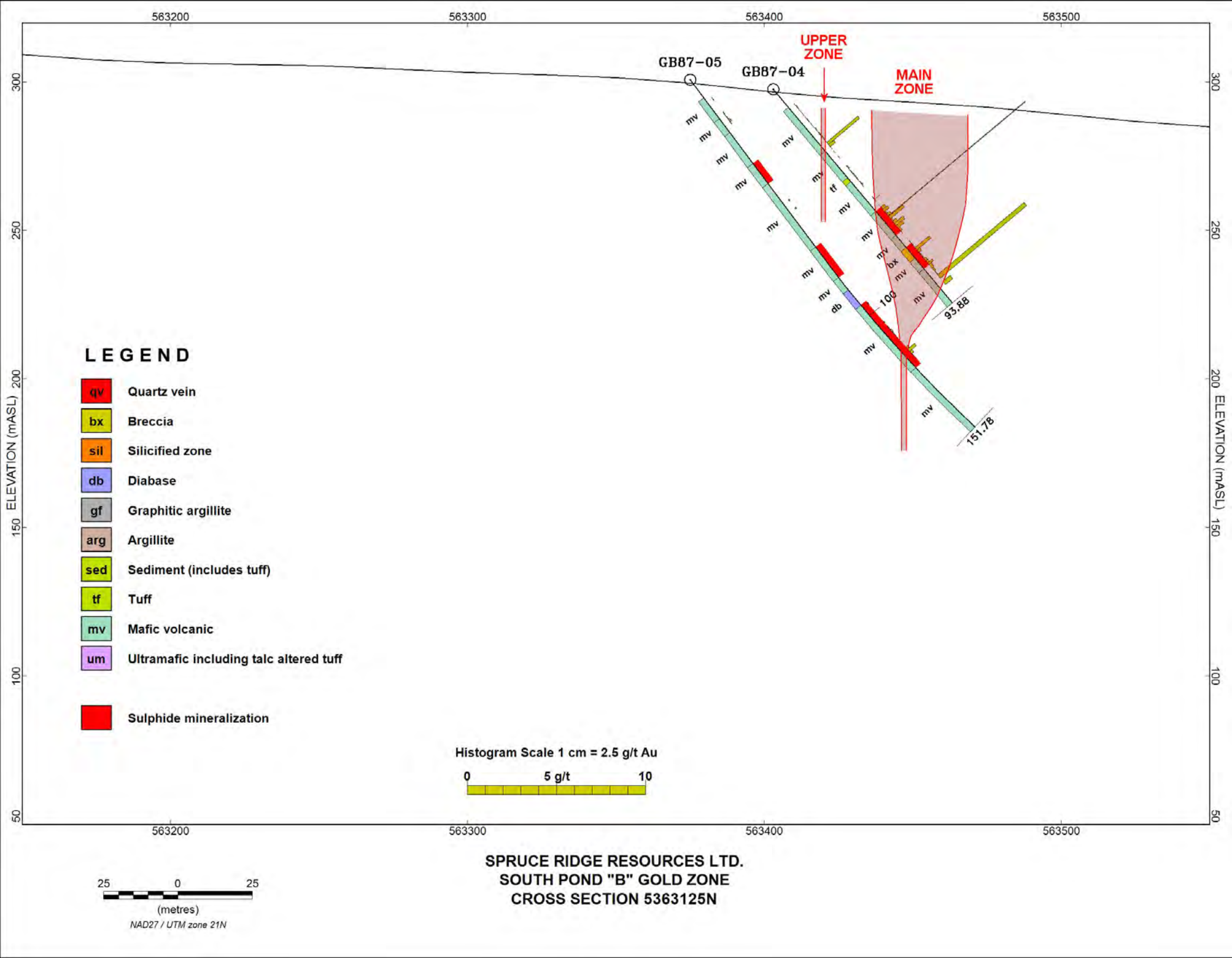
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5363075N

25 0 25
(metres)
NAD27 / UTM zone 21N



SPRUCE RIDGE RESOURCES LTD.
SOUTH POND "B" GOLD ZONE
CROSS SECTION 5363125N

APPENDIX 4

COMPLETE LISTING OF SAMPLES AND ANALYTICAL RESULTS

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-01	779501	6.25	7.75	1.50	2127939	101	779501	174	1.57	0.7	7.37	12	255	2.1	<2	1.79	<0.5	60	32	103	8.60	<2	0.38	26	2.90	707	1	2.89	64	0.16	8	<3	<10	<10	144	1.56	6	243	<10	35	171
SP21-01	779502	7.75	9.00	1.25	2127939	29	779502	28	0.23	0.7	9.26	16	140	2.6	<2	1.73	0.5	54	26	237	9.71	3	0.41	24	4.18	1027	2	2.79	152	0.14	11	<3	<10	<10	183	2.02	9	342	<10	45	177
SP21-01	779503	9.00	10.00	1.00	2127939	36	779503	13	0.10	0.8	8.57	17	32	1.9	<2	1.95	0.6	51	42	155	>10.00	<2	0.09	22	4.81	1191	1	2.03	108	0.16	9	<3	<10	<10	105	2.02	9	330	<10	52	178
SP21-01	779504	10.00	11.00	1.00	2127939	37	779504	107	1.00	0.8	8.28	10	59	1.6	<2	1.86	<0.5	40	50	196	>10.00	<2	0.30	17	3.94	1072	1	2.61	143	0.13	13	<3	<10	13	111	1.70	8	288	<10	45	142
SP21-01	779505	11.00	12.00	1.00	2127939	2745	779505	559	5.83	1.1	5.60	9	80	1.4	4	1.55	<0.5	65	59	343	>10.00	<2	0.52	32	2.45	595	1	2.18	184	0.11	22	<3	<10	13	79	1.26	13	121	<10	45	158
SP21-01	779506	12.00	13.00	1.00	2127939	1469	779506	758	6.26	0.7	5.26	<5	73	1.3	2	1.91	<0.5	74	52	250	>10.00	<2	0.56	37	2.03	444	1	2.30	133	0.14	22	<3	<10	<10	99	1.19	13	99	<10	42	156
SP21-01	779507	13.00	14.00	1.00	2127939	2007	779507	1011	5.61	0.8	6.30	12	67	1.6	2	1.75	<0.5	60	58	331	>10.00	<2	0.51	29	3.58	695	1	1.79	251	0.15	18	<3	<10	10	106	1.28	11	153	<10	56	131
SP21-01	779508	14.00	15.00	1.00	2127939	45	779508	229	2.00	0.7	9.44	6	253	2.4	<2	1.65	<0.5	59	65	215	9.06	<2	0.94	26	3.95	721	2	3.29	136	0.11	8	<3	<10	<10	232	1.47	7	222	<10	42	176
SP21-01	779509	15.00	16.00	1.00	2127939	1089	779509	118	1.18	0.9	9.59	13	344	3.7	<2	1.13	<0.5	194	26	47	4.61	<2	1.82	84	1.42	288	2	5.39	33	0.19	6	<3	12	<10	221	0.86	<2	57	<10	19	472
SP21-01	779510	16.00	17.00	1.00	2127939	33	779510	292	2.40	0.5	8.75	10	163	2.7	<2	2.35	<0.5	125	28	63	8.79	<2	0.89	56	2.18	511	2	4.47	43	0.37	5	<3	<10	<10	232	1.25	6	87	<10	35	263
SP21-01	779511	17.00	18.00	1.00	2127939	126	779511	127	1.15	0.3	8.60	8	282	1.7	<2	2.73	<0.5	31	15	193	5.31	<2	2.28	14	0.90	422	1	4.54	54	0.04	5	<3	<10	<10	393	1.68	3	283	<10	22	45
SP21-01	779512	18.00	19.00	1.00	2127939	196	779512	253	1.41	0.4	8.23	10	248	1.6	<2	2.33	<0.5	38	25	203	6.37	<2	2.15	17	1.10	437	1	4.50	66	0.06	7	<3	12	<10	359	1.69	5	280	<10	26	56
SP21-01	779513	19.00	20.00	1.00	2127939	1201	779513	538	4.40	0.6	7.32	<5	185	1.3	<2	2.05	<0.5	48	45	251	>10.00	<2	1.90	24	1.94	390	1	3.53	119	0.10	18	<3	<10	<10	165	1.57	10	213	<10	38	80
SP21-01	779514	20.00	21.00	1.00	2127939	1874	779514	1390	5.34	0.7	6.50	8	116	1.6	<2	2.18	<0.5	60	45	232	>10.00	<2	1.27	29	2.45	424	2	2.19	124	0.16	16	<3	<10	11	83	1.25	13	135	<10	46	155
SP21-01	779515	21.00	22.00	1.00	2127939	2496	779515	1290	7.49	0.7	5.04	7	40	1.5	3	2.05	<0.5	73	60	222	>10.00	<2	0.37	37	2.21	403	2	1.92	155	0.15	24	<3	<10	14	99	1.15	16	98	<10	47	163
SP21-01	779516	22.00	23.00	1.00	2127939	606	779516	1092	5.26	0.5	4.90	8	32	1.2	<2	2.50	<0.5	69	42	309	>10.00	2	0.35	35	2.29	417	1	1.79	110	0.17	20	<3	<10	14	85	1.16	12	107	<10	41	152
SP21-01	779517	23.00	24.00	1.00	2127939	2777	779517	1596	7.23	0.5	4.88	8	34	1.5	5	2.02	<0.5	64	56	235	>10.00	5	0.33	32	2.08	337	1	1.98	156	0.08	24	<3	<10	11	82	1.18	15	116	<10	46	135
SP21-01	779518	24.00	25.00	1.00	2127939	1605	779518	786	4.91	0.6	5.29	12	25	1.3	2	1.93	<0.5	68	48	207	>10.00	<2	0.21	34	3.67	523	1	0.99	122	0.13	21	<3	10	14	43	1.24	15	137	<10	50	146
SP21-01	779519	25.00	26.00	1.00	2127939	1931	779519	1317	6.14	0.4	5.15	11	27	1.3	3	4.19	<0.5	60	54	218	>10.00	<2	0.32	30	2.18	473	1	2.10	141	0.15	18	<3	<10	13	123	1.05	15	84	<10	47	127
SP21-01	779520	26.00	27.00	1.00	2127939	1395	779520	813	4.60	0.5	5.29	7	54	1.5	2	4.54	<0.5	65	45	207	>10.00	<2	0.47	32	2.80	637	2	1.43	122	0.14	22	<3	<10	<10	114	1.14	14	117	<10	53	131
SP21-01	779521	27.00	28.00	1.00	2127939	321	779521	369	2.38	0.5	5.35	7	56	0.8	<2	6.16	<0.5	60	33	282	>10.00	<2	0.76	30	4.38	840	2	0.42	165	0.11	12	4	<10	<10	96	1.24	11	166	<10	56	113
SP21-01	779522	28.00	29.00	1.00	2127939	1073	779522	1337	7.29	0.6	5.19	9	72	1.3	2	4.01	<0.5	64	54	261	>10.00	2	0.76	32	2.80	554	2	1.32	221	0.16	18	8	<10	13	118	1.11	16	98	<10	56	133
SP21-01	779523	29.00	30.00	1.00	2127939	2264	779523	843	6.45	0.7	5.41	10	90	1.4	<2	4.24	<0.5	61	51	187	>10.00	3	1.07	30	2.73	560	1	1.51	148	0.15	22	<3	<10	11	146	1.15	14	112	<10	52	124
SP21-01	779524	30.00	31.00	1.00	2127939	619	779524	646	2.56	0.6	4.96	11	111	0.8	<2	6.55	<0.5	54	45	160	>10.00	2	1.67	27	3.70	849	1	0.55	116	0.13	13	<3	<10	12	104	1.13	11	139	<10	53	108
SP21-01	779525	31.00	32.00	1.00	2127939	1209	779525	596	4.17	0.4	5.61	7	81	1.4	<2	4.63	<0.5	69	59	264	>10.00	<2	1.13	33	2.82	642	1	1.69	119	0.16	13	<3	<10	13	155	1.22	12	108	<10	50	149
SP21-01	779526	32.00	33.00	1.00	2127939	868	779526	898	3.82	0.4	5.37	9	85	1	<2	4.70	<0.5	68	38	212	>10.00	<2	1.01	34	2.96	663	1	1.55	89	0.14	18	4	13	<10	99	1.15	11	90	<10	52	143
SP21-01	779527	33.00	34.00	1.00	2127939	1138	779527	1104	6.42	0.5	5.14	8	59	1.3	<2	3.19	<0.5	66	35	193	>10.00	<2	0.71	32	2.48	557	1	1.64	122	0.14	17	<3	<10	11	96	1.09	14	83	<10	53	141
SP21-01	779528	34.00	35.00	1.00	2127939	1401	779528	1267	8.41	0.6	5.30	12	82	1.7	3	2.74	<0.5	69	43	270	>10.00	2	0.91	34	1.79	425	1	1.84	218	0.16	18	<3	12	15	122	1.11	15	75	<10	50	150
SP21-01	779529	35.00	36.00	1.00	2127939	1456	779529	2477	9.86	0.8	4.93	9	122	2.1	2	2.10	<0.5	61	46	320	>10.00	<2	1.12	30	1.61	337	4	1.35	300	0.15	33	9	<10	17	92	1.18	18	102	<10	57	138
SP21-01	779530	36.00	37.00	1.00	2127939	3326	779530	1676	9.99	0.7	4.88	7	124	1.6	3	2.63	<0.5	55	46	96	>10.00	<2	1.26	27	1.34	263	1	1.59	188	0.18	24	5	10	18	158	1.25	18	116	<10	48	126
SP21-01	779531	37.00	38.00	1.00	2127939	1791	779531	1547	6.84	0.6	5.53	<5	122	1.5	<2	2.60	<0.5	69	34	276	>10.00	<2	1.52	36	2.42	400	1	1.23	132	0.15	23	<3	<10	15	144	1.23	15	98	<10	49	153
SP21-01	779532	38.00	39.00	1.00	2127939	574	779532	659	5.23	0.5	5.96	7	154	1.6	<2	3.54	<0.5	82	27	232	>10.00	<2	2.41	42	3.23	534	1	1.05	119	0.18	16	<3	<10	12	151	1.28	14	101	<10	45	180
SP21-01	779533	39.00	40.00	1.00	2127939	1083	779533	908	4.71	0.5	5.27	6	126	1.6	2	3.54	<0.5	70	31	273	>10.00	<2	1.84	36	3.43	600	1	0.75	124	0.14	13	7	<10	13	120	1.07	13	84	<10	48	147
SP21-01	779534	40.00	41.00	1.00	2127939	89	779534	524	3.24	0.5	5.77	9	138	1.8	<2	3.19	0.5	81	23	267	>10.00	<2	1.82	41	3.92	650	1	0.71	104	0.16	13	<3	<10	10	113	1.36	12	139	<10	52	169
SP21-01	779535	41.00	42.00	1.00	2127939	3036	779535	854	5.33	0.5	5.78	6	128	1.7	3	3.28	<0.5	84	39	234	>10.00	<2	1.66	42	3.09	537	1	1.34	130	0.19	12	<3	<10	10	154	1.25	14	112	<10	51	186
SP21-01	779536	42.00	43.00	1.00	2127939	141	779536	524	2.84	0.5	5.61	9	166	1	<2	3.16	<0.5	65	30	192	>10.00	<2	2.90	32	4.63	720	1	0.43	112	0.12	18	3	10	10	67	1.35	14	163	<10	59	129
SP21-01	779537	43.00	44.00	1.00	2127939	1313	779537	656	3.69	0.5	5.70	13	147	1.1	<2	3.20	<0.5	64	33	188	>10.00	<2	2.28	32	3.83	669	1	0.75	111	0.12	17	<3	<10	12	124	1.34	13	148	<10	56	117
SP21-01	779538	44.00	45.00	1.00	2127939	1129	779538	596	7.06	0.6	6.06	12	150	1.7	2	2.35	<0.5	73	33	243	>10.00	<2	1.65	36	2.96	571	1	1.20	110	0.15	18	<3	<10	12	133	1.36	15	134	<10	54	157
SP21-01	779539	45.00	46.00	1.00	2127939	83	779539	1109	8.33	0.6	6.36	17	198	2	2	3.18	<0.5	76	45	264	>10.00	<2	1.58	38	2.46	577	1	1.51	129	0.21	21	3	<10	<10	171	1.32	17	119	<10	54	162
SP21-01	779540	46.00	47.00	1.00	2127939	294	779540	804	7.11	0.6	6.13	12	184	2.1	<2	2.76	<0.5	83	45	257	>10.00	<2	1.58	43	2.29	542	3	1.42	104	0.16	22	13	12	22	157	1.28	16	109	<10	48	175
SP21-01	779541	47.00	48.00	1.00	2127939	597	779541	1725	7.87	0.6	5.38	15	168	2	2	1.83	<0.5	67	45	280	>10.00	3	1.55	35	2.14	470	3	1.13	169	0.14	18	7	<10	<10	110	1.11	18	101	<10	58	152

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-01	779542	48.00	49.00	1.00	2127939	2211	779542	1987	9.49	0.6	5.48	14	158	1.5	5	1.77	<0.5	69	56	259	>10.00	3	1.36	34	2.64	566	1	0.97	136	0.16	17	8	<10	<10	104	1.20	18	94	<10	64	143
SP21-01	779543	49.00	50.00	1.00	2127939	1182	779543	1197	8.08	0.6	5.62	15	168	1.8	3	2.04	<0.5	73	49	182	>10.00	2	1.89	35	2.24	444	1	1.25	113	0.19	24	13	10	10	109	1.20	16	129	<10	56	167
SP21-01	779544	50.00	51.00	1.00	2127939	4141	779544	1476	5.17	0.8	6.38	11	206	1.5	14	2.06	0.7	77	39	166	>10.00	<2	2.11	37	2.24	429	1	1.88	82	0.22	13	<3	14	11	150	1.30	13	118	<10	53	161
SP21-01	779545	51.00	52.00	1.00	2127939	1223	779545	735	5.07	0.5	6.56	8	205	2	4	1.91	0.6	106	32	128	>10.00	2	2.06	50	1.54	284	2	2.61	60	0.21	12	5	<10	15	251	0.93	9	66	<10	33	228
SP21-01	779546	52.00	53.00	1.00	2127939	6196	779546	423	2.52	0.2	7.78	10	211	2.8	12	2.49	0.5	142	20	56	7.96	3	1.26	70	1.39	230	1	4.27	12	0.24	6	<3	<10	<10	506	0.74	5	37	<10	23	127
SP21-01	779547	53.00	54.00	1.00	2127939	2138	779547	375	2.10	0.4	8.14	7	236	3.3	2	2.67	<0.5	146	20	52	7.39	<2	1.40	72	1.46	242	1	4.60	10	0.25	4	<3	<10	<10	450	0.73	4	41	<10	23	153
SP21-01	779548	54.00	55.00	1.00	2127939	685	779548	332	2.19	0.3	6.97	7	225	2.8	<2	2.45	<0.5	130	21	56	7.27	<2	1.27	65	1.48	326	2	4.35	19	0.26	7	<3	<10	10	321	0.75	6	49	<10	24	104
SP21-01	779549	55.00	56.00	1.00	2127939	1277	779549	467	2.73	0.5	6.78	8	182	2.4	<2	2.42	<0.5	102	24	164	8.61	2	1.01	50	1.89	423	2	3.08	38	0.20	6	<3	<10	11	273	1.23	6	87	<10	34	192
SP21-01	779550	56.00	57.00	1.00	2127939	9872	779550	1154	6.40	0.6	5.25	6	200	1.5	21	2.12	0.6	64	49	286	>10.00	<2	1.30	32	1.34	306	<1	2.02	94	0.14	17	<3	<10	13	190	1.10	13	72	<10	42	131
SP21-01	779551	57.00	58.00	1.00	2127939	1296	779551	1003	8.01	0.5	4.26	10	156	1.2	4	1.77	0.5	56	60	224	>10.00	<2	1.05	28	1.13	245	1	1.64	118	0.14	19	<3	<10	<10	136	0.89	14	47	<10	42	109
SP21-01	779552	58.00	59.00	1.00	2127939	1280	779552	966	5.38	0.7	5.77	14	163	1.8	2	2.36	0.5	78	44	172	>10.00	<2	1.33	39	2.85	474	1	1.36	92	0.18	16	<3	<10	13	126	1.27	14	144	<10	50	167
SP21-01	779553	59.00	60.00	1.00	2127939	3401	779553	1499	6.98	0.8	4.94	7	373	1.6	3	1.96	<0.5	79	54	222	>10.00	2	1.29	41	1.69	300	2	1.67	141	0.15	20	<3	<10	20	117	1.06	14	111	<10	47	169
SP21-01	779554	60.00	61.00	1.00	2127939	3589	779554	1311	5.90	0.6	5.11	5	162	1.7	<2	2.05	<0.5	68	55	269	>10.00	2	1.58	35	1.92	349	2	1.44	108	0.12	19	<3	<10	<10	128	1.11	15	104	<10	48	161
SP21-01	779555	61.00	62.00	1.00	2127939	2066	779555	1725	7.78	0.7	3.89	9	109	1.2	<2	1.54	<0.5	53	62	253	>10.00	<2	1.39	26	1.96	320	1	0.80	152	0.12	23	4	<10	11	73	0.93	19	120	<10	55	119
SP21-01	779556	62.00	63.00	1.00	2127939	555	779556	685	3.91	0.4	6.25	10	93	1.9	<2	1.82	<0.5	104	33	160	>10.00	<2	0.97	51	2.72	414	1	2.16	71	0.19	10	<3	<10	<10	147	0.92	11	91	<10	43	215
SP21-01	779557	63.00	64.00	1.00	2127939	337	779557	521	3.04	0.6	7.87	8	185	2.5	<2	2.34	<0.5	141	23	48	7.96	<2	1.08	69	1.35	188	1	4.53	16	0.34	6	<3	<10	11	241	0.96	5	46	<10	25	273
SP21-01	779558	64.00	65.00	1.00	2127939	424	779558	479	2.68	0.6	7.87	9	240	2.5	<2	3.06	<0.5	124	21	43	7.80	5	1.70	59	1.39	180	1	3.82	12	0.33	7	<3	<10	10	329	1.18	5	82	<10	24	231
SP21-01	779559	65.00	66.00	1.00	2127939	175	779559	558	4.06	0.4	6.88	8	173	2	<2	3.69	<0.5	104	29	78	9.96	<2	1.47	50	1.21	278	12	3.48	35	0.28	8	<3	<10	<10	222	1.06	8	98	<10	25	201
SP21-01	779560	66.00	67.00	1.00	2127939	472	779560	517	3.76	0.5	6.79	11	117	1.6	<2	3.25	0.6	92	31	130	>10.00	<2	0.94	45	2.04	372	2	3.20	53	0.26	11	3	<10	13	171	1.15	10	128	<10	32	184
SP21-01	779561	67.00	68.00	1.00	2127939	73	779561	138	1.45	0.4	7.66	10	241	2.9	<2	3.90	<0.5	121	21	93	7.18	<2	1.44	58	1.61	500	2	3.87	53	0.28	12	<3	<10	<10	314	1.11	5	85	<10	39	141
SP21-01	779562	68.00	69.00	1.00	2127939	31	779562	70	0.79	0.6	5.92	<5	314	2.8	<2	2.18	<0.5	76	30	156	7.42	<2	1.56	34	1.43	934	3	3.84	105	0.21	9	<3	<10	<10	212	1.71	6	168	<10	59	145
SP21-01	779563	69.00	70.00	1.00	2127939	26	779563	55	0.70	0.5	8.54	9	318	1.9	<2	2.18	<0.5	80	48	629	>10.00	<2	1.43	35	2.14	1411	1	2.74	406	0.22	10	<3	<10	10	204	1.85	9	169	<10	94	241
SP21-01	779564	70.00	71.00	1.00	2127939	9	779564	17	0.13	0.6	10.04	8	229	2.9	<2	1.47	<0.5	119	16	45	6.19	<2	0.73	55	1.54	973	2	5.40	21	0.11	3	<3	<10	<10	294	0.92	4	68	<10	56	275
SP21-01	779565	71.00	72.00	1.00	2127939	21	779565	98	0.98	0.5	9.09	7	148	2.8	<2	1.56	<0.5	119	25	46	5.98	3	0.62	55	0.92	702	2	5.94	7	0.11	5	<3	<10	<10	232	0.57	4	14	<10	48	277
SP21-01	779566	72.00	73.00	1.00	2229097	<5	779566	138	1.19	0.5	9.69	<5	278	1.6	3	2.17	<0.5	121	42	242	>10.00	<2	0.97	54	3.19	1506	5	2.52	262	0.14	6	<3	<10	11	185	1.55	22	142	<10	102	403
SP21-01	779567	73.00	74.00	1.00	2229097	<5	779567	34	0.46	<0.2	9.25	9	323	3.1	<2	2.50	<0.5	91	27	85	8.67	<2	0.98	40	2.23	1209	7	3.16	101	0.25	<2	<3	<10	12	323	1.12	15	110	<10	74	169
SP21-01	779568	74.00	75.00	1.00	2229097	<5	779568	65	0.60	0.5	6.28	95	150	2	<2	3.70	<0.5	64	66	509	>10.00	2	0.49	27	4.37	2226	6	1.29	597	0.25	4	<3	<10	12	136	1.35	23	165	<10	113	223
SP21-01	779569	75.00	76.00	1.00	2229097	<5	779569	15	0.11	<0.2	5.80	155	84	1.3	<2	5.23	<0.5	18	91	970	>10.00	<2	0.37	10	6.32	2230	3	0.65	950	0.08	5	10	<10	11	98	1.03	28	204	<10	150	78
SP21-01	779570	76.00	77.00	1.00	2229097	68	779570	131	0.19	<0.2	8.33	8	404	1.4	<2	3.75	<0.5	29	62	207	>10.00	<2	1.65	13	2.19	1265	1	1.86	217	0.10	<2	<3	<10	10	366	1.51	17	261	<10	106	130
SP21-01	779571	77.00	78.00	1.00	2229097	50	779571	45	0.13	<0.2	7.70	15	287	2.6	<2	3.24	<0.5	60	46	343	8.34	<2	1.20	24	1.60	1298	2	2.36	234	0.07	6	<3	<10	<10	307	1.11	15	171	<10	94	315
SP21-01	779572	78.00	79.00	1.00	2229097	6	779572	26	0.09	<0.2	7.91	<5	286	3.2	<2	1.95	<0.5	147	19	136	6.43	<2	1.07	62	1.14	1069	4	3.54	128	0.05	<2	<3	<10	<10	245	0.54	9	49	<10	85	262
SP21-01	779573	79.00	80.00	1.00	2229097	39	779573	40	0.30	0.2	7.68	<5	355	2.2	<2	3.04	<0.5	90	40	190	9.15	<2	1.52	37	2.27	1440	2	2.04	121	0.08	4	<3	<10	14	226	0.95	17	173	<10	119	354
SP21-01	779574	80.00	81.00	1.00	2229097	32	779574	62	0.45	<0.2	7.95	<5	484	1.2	<2	3.82	<0.5	28	68	179	>10.00	<2	1.76	14	2.50	1421	1	1.61	163	0.09	2	<3	<10	11	273	1.41	20	248	<10	116	119
SP21-01	779575	81.00	82.00	1.00	2229097	<5	779575	32	0.09	<0.2	8.11	<5	326	2	<2	3.41	<0.5	63	48	246	9.06	<2	1.15	27	2.45	1367	1	2.04	235	0.11	3	<3	<10	12	285	1.42	18	228	<10	110	250
SP21-01	779576	82.00	83.00	1.00	2229097	<5	779576	<5	0.01	0.2	8.72	33	286	2.3	<2	2.66	<0.5	66	56	299	>10.00	<2	1.00	23	2.86	1517	2	2.00	286	0.09	7	<3	<10	11	265	1.35	17	222	<10	123	261
SP21-01	779577	83.00	84.00	1.00	2229097	<5	779577	18	0.09	<0.2	8.61	12	332	3.2	<2	1.83	<0.5	134	24	134	8.00	<2	1.04	58	1.43	1188	4	3.47	78	0.08	10	<3	<10	<10	299	1.05	9	120	<10	80	119
SP21-01	779578	84.00	85.00	1.00	2229097	81	779578	35	0.42	<0.2	7.95	14	139	3.7	<2	1.53	<0.5	159	9	52	6.61	3	0.66	68	0.91	1309	3	4.34	27	0.05	2	5	<10	22	232	0.49	7	31	<10	109	166
SP21-01	779579	85.00	86.00	1.00	2229097	42	779579	60	0.42	0.3	7.59	13	287	2.8	<2	2.81	<0.5	101	30	140	7.65	<2	0.86	42	1.46	1541	2	3.07	112	0.08	5	<3	<10	13	289	1.03	11	138	<10	92	336
SP21-01	779580	86.00	87.00	1.00	2229097	<5	779580	150	0.17	0.2	7.26	15	134	1.1	<2	4.07	<0.5	36	58	202	8.69	<2	0.56	15	3.69	1476	1	1.47	170	0.11	4	<3	14	20	224	1.55	18	253	<10	108	137
SP21-01	779581	87.00	88.00	1.00	2229097	<5	779581	41	0.25	<0.2	7.13	12	185	1.1	<2	4.99	<0.5	31	52	210	8.57	<2	0.80	15	2.90	1521	2	1.75	164	0.12	8	<3	<10	20	274	1.50	19	247	<10	103	47
SP21-01	779582	88.00	89.00	1.00	2229097	<5	779582	205	0.09	0.2	8.16	<5	197	1.1	<2	4.59	<0.5	38	63	229	9.56	<2	0.88	17	4.15	1675	1	1.38	161	0.13	6	<3	<10	11	262	1.72	20	298	<10	118	140

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-01	779583	89.00	90.00	1.00	2229097	<5	779583	175	0.15	<0.2	7.93	12	290	1.6	<2	3.46	<0.5	60	50	208	9.44	<2	0.99	25	2.84	1732	1	1.42	172	0.12	6	<3	<10	22	296	1.58	18	228	<10	117	244
SP21-01	779584	90.00	91.00	1.00	2229097	<5	779584	59	0.06	0.2	7.96	10	185	1.9	<2	3.99	<0.5	77	40	89	8.47	<2	0.71	32	2.23	1624	1	1.87	62	0.12	6	<3	<10	22	367	1.23	15	182	<10	119	323
SP21-01	779585	91.00	92.00	1.00	2229097	<5	779585	51	0.17	0.4	7.71	16	165	2.1	<2	4.17	<0.5	84	44	58	8.97	<2	0.84	34	1.94	1965	2	1.95	46	0.16	7	<3	12	26	292	1.44	19	209	<10	131	311
SP21-01	779586	92.00	93.00	1.00	2229097	<5	779586	29	0.31	0.2	8.12	12	229	1.8	<2	2.58	<0.5	82	31	49	8.41	<2	1.06	34	1.23	1631	2	2.72	25	0.24	4	<3	14	18	208	1.40	12	158	<10	110	286
SP21-01	779587	93.00	94.00	1.00	2229097	<5	779587	26	0.25	0.2	8.79	13	463	1.6	<2	2.08	<0.5	41	41	61	9.24	<2	2.23	19	1.45	1457	1	2.16	74	0.16	3	<3	<10	28	123	1.73	13	275	<10	96	66
SP21-01	779588	94.00	95.00	1.00	2229097	<5	779588	58	0.29	0.2	9.15	17	322	1.2	<2	4.61	1	36	49	127	9.18	<2	1.50	18	1.81	1854	2	1.79	81	0.14	2	<3	13	26	272	1.70	17	272	<10	224	32
SP21-01	779589	95.00	96.00	1.00	2229097	<5	779589	56	0.06	<0.2	7.88	10	100	0.9	<2	5.63	<0.5	31	49	43	8.47	<2	0.47	15	2.83	1463	1	1.94	43	0.11	8	<3	<10	12	354	1.52	19	289	<10	123	59
SP21-01	779590	96.00	97.00	1.00	2229097	<5	779590	79	0.02	<0.2	7.95	12	86	0.9	<2	5.66	<0.5	33	47	33	8.35	<2	0.44	15	2.86	1207	1	1.96	45	0.12	6	<3	22	29	448	1.53	20	289	<10	102	126
SP21-01	779591	97.00	98.00	1.00	2229097	<5	779591	65	0.01	<0.2	7.92	<5	102	0.9	<2	5.32	<0.5	31	47	35	8.07	<2	0.45	15	2.96	1193	2	1.92	49	0.11	4	<3	<10	32	403	1.45	19	275	<10	97	117
SP21-01	779592	98.00	99.00	1.00	2229097	<5	779592	46	0.02	0.2	8.39	14	174	1.7	<2	3.36	<0.5	57	50	117	9.64	<2	0.47	25	2.91	1465	3	2.09	97	0.18	4	<3	14	16	298	1.98	17	283	<10	129	201
SP21-01	779593	99.00	100.00	1.00	2229097	<5	779593	55	0.12	0.2	7.05	<5	170	1.1	<2	5.78	<0.5	48	58	197	9.67	<2	0.53	20	2.47	1564	1	1.51	196	0.14	5	<3	<10	<10	290	1.68	23	246	<10	137	155
SP21-01	779594	100.00	101.00	1.00	2229097	<5	779594	43	0.14	0.3	7.05	6	113	1.4	<2	4.38	<0.5	57	44	105	8.88	<2	0.80	24	3.57	1496	<1	1.73	79	0.18	5	<3	16	19	179	1.82	18	243	<10	122	191
SP21-01	779595	101.00	102.00	1.00	2229097	<5	779595	50	0.06	0.3	7.43	7	71	1.3	<2	4.11	0.5	57	47	77	9.60	<2	0.43	24	2.55	1409	1	2.51	74	0.19	8	<3	14	12	229	1.92	18	248	<10	133	207
SP21-01	779596	102.00	103.00	1.00	2229097	<5	779596	61	0.04	<0.2	7.32	5	111	1.2	<2	4.67	<0.5	51	42	39	8.54	<2	0.83	23	2.21	1408	2	2.45	33	0.20	7	<3	12	10	251	1.91	14	256	<10	132	220
SP21-01	779597	103.00	104.00	1.00	2229097	11	779597	54	0.04	<0.2	7.82	10	102	1.4	<2	4.22	0.5	64	46	41	9.67	4	0.42	27	1.63	1421	1	2.69	49	0.22	8	<3	<10	<10	278	2.11	17	246	<10	133	233
SP21-01	779598	104.00	105.00	1.00	2229097	14	779598	57	0.09	0.2	8.38	<5	249	1.5	<2	2.87	<0.5	61	51	140	>10.00	<2	1.06	26	2.27	1479	<1	1.83	79	0.21	6	<3	<10	<10	180	2.14	17	298	<10	135	222
SP21-01	779599	105.00	106.00	1.00	2229097	18	779599	69	0.06	0.2	7.59	9	62	1.2	<2	5.89	<0.5	36	54	45	8.66	8	0.42	17	3.45	1905	1	1.71	58	0.12	7	<3	<10	<10	190	1.67	20	331	<10	107	135
SP21-01	779600	106.00	107.00	1.00	2229097	<5	779600	55	0.11	<0.2	7.53	6	130	1.3	<2	6.63	0.5	49	45	45	8.05	7	0.84	22	1.90	1424	4	2.06	59	0.13	8	<3	<10	<10	257	1.53	22	289	<10	107	163
SP21-01	779601	107.00	108.00	1.00	2229097	<5	779601	10	0.03	<0.2	8.80	5	251	3.1	<2	2.62	0.5	130	17	39	6.27	2	1.76	61	0.99	784	5	2.46	19	0.20	3	<3	<10	<10	249	0.77	8	51	<10	102	118
SP21-01	779602	108.00	109.00	1.00	2229097	<5	779602	22	0.03	<0.2	7.83	9	219	2.4	<2	3.92	0.5	107	28	43	7.03	<2	1.93	53	1.34	1003	4	2.20	34	0.17	<2	<3	<10	<10	241	1.02	11	133	<10	111	135
SP21-01	779603	109.00	110.00	1.00	2229097	<5	779603	7	0.02	<0.2	7.82	6	225	2.8	<2	2.25	<0.5	142	19	44	6.38	<2	2.17	69	0.99	549	2	2.60	28	0.20	3	<3	<10	10	203	0.70	7	40	<10	101	145
SP21-01	779604	110.00	111.00	1.00	2229097	<5	779604	100	0.35	<0.2	7.95	11	301	2.9	<2	2.76	<0.5	145	22	62	7.02	<2	2.13	71	0.92	715	3	2.59	29	0.21	4	<3	<10	<10	223	0.75	12	45	<10	101	165
SP21-01	779605	111.00	112.00	1.00	2229097	<5	779605	20	0.09	<0.2	7.83	9	320	2.9	<2	2.96	<0.5	147	18	56	5.64	8	2.07	71	0.91	744	1	2.65	24	0.19	5	<3	<10	<10	230	0.64	9	33	<10	89	232
SP21-01	779606	112.00	113.00	1.00	2229097	<5	779606	38	0.16	0.3	8.51	16	399	3.1	<2	2.88	<0.5	166	20	36	6.93	5	2.50	78	1.01	955	4	2.62	27	0.20	6	<3	<10	12	256	0.73	7	39	<10	108	415
SP21-01	779607	113.00	114.00	1.00	2229097	<5	779607	65	0.13	<0.2	3.47	<5	171	1.4	<2	1.20	<0.5	71	7	141	2.85	<2	0.82	33	0.37	299	1	1.05	13	0.06	4	<3	<10	<10	125	0.24	<2	22	<10	33	185
SP21-01	779608	114.00	115.00	1.00	2229097	<5	779608	39	0.13	<0.2	6.48	22	762	1.2	<2	4.23	<0.5	59	35	192	5.93	3	2.60	27	2.01	941	1	1.11	111	0.12	10	<3	<10	<10	203	0.94	12	145	<10	85	149
SP21-01	779609	115.00	116.00	1.00	2229097	<5	779609	25	0.17	0.3	7.13	<5	1086	1.4	<2	3.70	<0.5	101	22	77	6.28	2	3.46	42	1.37	715	1	1.89	50	0.15	6	<3	10	<10	317	0.84	11	104	<10	84	299
SP21-01	779610	116.00	117.00	1.00	2229097	<5	779610	87	0.07	<0.2	5.84	18	439	1	2	5.77	0.5	27	42	177	7.39	<2	2.06	14	3.08	1200	<1	1.38	147	0.10	9	<3	10	<10	227	1.21	22	235	<10	86	103
SP21-01	779611	117.00	118.00	1.00	2229097	<5	779611	86	0.04	<0.2	5.82	7	178	0.6	<2	4.34	<0.5	24	49	208	7.34	11	1.52	11	5.21	1224	1	0.63	181	0.09	11	<3	<10	<10	79	1.15	14	242	<10	84	88
SP21-01	779612	118.00	119.00	1.00	2229097	<5	779612	94	0.51	<0.2	7.55	8	455	1.8	<2	2.64	<0.5	54	43	177	6.92	3	1.42	26	3.54	2104	5	1.48	161	0.08	16	4	<10	<10	181	0.85	13	251	<10	115	102
SP21-01	779613	119.00	120.00	1.00	2229097	<5	779613	97	0.07	0.2	6.14	6	197	0.8	<2	3.87	<0.5	30	40	113	7.10	4	1.71	14	4.22	1154	1	1.35	96	0.12	7	<3	<10	<10	116	1.31	10	248	<10	85	115
SP21-01	779614	120.00	121.00	1.00	2229097	<5	779614	78	0.17	0.2	6.30	17	135	1	<2	4.34	<0.5	35	46	191	7.24	<2	0.56	17	4.37	1773	2	0.76	163	0.10	2	<3	11	<10	112	1.10	15	230	<10	93	97
SP21-01	779615	121.00	122.00	1.00	2229097	<5	779615	162	0.35	<0.2	7.06	8	231	1.8	<2	3.11	0.6	46	42	206	6.94	<2	0.76	23	3.68	1668	4	1.51	162	0.07	6	<3	14	<10	230	0.84	15	228	<10	97	68
SP21-01	779616	122.00	123.00	1.00	2229097	<5	779616	124	0.30	<0.2	6.32	11	177	1.8	<2	3.38	<0.5	39	44	366	6.83	<2	0.68	19	4.22	1382	4	1.11	246	0.07	9	<3	11	<10	190	0.81	16	212	<10	77	74
SP21-01	779617	123.00	124.00	1.00	2229097	<5	779617	181	0.36	<0.2	7.28	6	133	1.6	<2	4.11	0.8	44	52	240	7.60	9	0.58	22	4.70	1438	5	1.26	205	0.09	5	<3	<10	10	200	1.05	17	261	<10	89	105
SP21-01	779618	124.00	125.00	1.00	2229097	<5	779618	49	0.12	<0.2	8.21	<5	470	3	<2	1.71	<0.5	80	30	141	5.50	2	1.93	38	2.21	1279	4	2.56	72	0.08	12	<3	<10	<10	286	0.66	10	190	<10	76	126
SP21-01	779619	125.00	126.50	1.50	2229097	<5	779619	58	0.08	<0.2	6.05	12	196	1.4	<2	5.48	<0.5	39	43	222	6.20	2	0.73	18	3.16	1721	2	1.24	168	0.09	8	<3	<10	13	256	0.91	13	195	<10	74	99
SP21-01	779620	126.50	128.00	1.50	2229097	<5	779620	100	0.03	<0.2	5.82	19	59	0.7	<2	4.26	<0.5	26	58	319	7.84	2	0.46	12	5.50	1355	<1	0.57	299	0.08	7	<3	<10	<10	130	1.10	15	231	<10	91	93
SP21-01	779621	128.00	129.50	1.50	2229097	<5	779621	103	0.08	<0.2	5.36	5	82	0.7	<2	4.77	<0.5	23	50	327	7.15	<2	0.63	11	5.28	1229	1	0.75	298	0.08	2	<3	<10	12	139	0.99	17	204	<10	84	72
SP21-01	779622	129.50	131.00	1.50	2229097	<5	779622	90	0.01	<0.2	5.71	17	180	0.7	<2	4.51	<0.5	23	49	241	7.32	<2	1.55	10	5.35	1229	<1	0.81	207	0.08	2	<3	<10	<10	136	1.09	18	226	<10	84	93
SP21-01	779623	131.00	132.50	1.50	2229097	<5	779623	80	0.01	0.2	5.53	12	105	0.6	<2	4.70	<0.5	21	51	284	7.44	6	0.99	10	6.20	1162	2	0.58	247	0.08	7	<3	<10	<10	141	1.06	19	222	<10	84	82

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-01	779624	132.50	134.00	1.50	2229097	<5	779624	121	0.04	<0.2	6.26	<5	168	0.7	<2	5.21	<0.5	22	52	221	7.63	7	1.08	11	5.59	1193	1	1.18	211	0.09	<2	<3	<10	<10	161	1.15	16	261	<10	86	69
SP21-01	779625	134.00	135.50	1.50	2229097	<5	779625	108	0.12	<0.2	5.80	6	38	0.8	<2	5.14	<0.5	22	58	386	7.67	7	0.17	10	5.20	1168	1	1.15	332	0.09	6	<3	13	<10	155	1.12	17	232	<10	89	75
SP21-01	779626	135.50	137.00	1.50	2229097	<5	779626	70	0.03	<0.2	5.67	8	85	0.6	<2	5.89	<0.5	21	51	244	7.53	4	0.51	10	6.75	1294	1	0.82	232	0.08	5	<3	<10	<10	170	1.09	19	241	<10	83	71
SP21-01	779627	137.00	138.50	1.50	2229097	<5	779627	95	0.06	<0.2	5.67	<5	128	0.6	<2	5.59	<0.5	24	48	193	7.02	8	0.77	11	5.30	1191	1	1.66	199	0.08	2	4	11	<10	215	1.09	17	236	<10	78	82
SP21-01	779628	138.50	140.00	1.50	2229097	<5	779628	75	0.04	<0.2	5.37	<5	61	0.6	<2	4.22	<0.5	16	57	462	7.23	6	0.40	9	6.67	1179	2	1.30	377	0.07	2	<3	<10	<10	114	0.98	18	211	<10	79	62
SP21-01	779629	140.00	141.50	1.50	2229097	<5	779629	118	0.03	<0.2	6.20	10	113	0.7	<2	4.78	0.6	23	53	231	7.73	7	0.70	11	5.88	1249	<1	2.03	211	0.09	4	<3	<10	<10	185	1.18	16	256	<10	86	95
SP21-01	779630	141.50	143.00	1.50	2229097	11	779630	94	0.02	<0.2	5.96	10	54	0.7	<2	4.53	<0.5	23	59	313	7.83	2	0.34	11	6.47	1274	<1	1.62	311	0.08	7	<3	<10	<10	145	1.14	15	233	<10	90	79
SP21-01	779631	143.00	144.50	1.50	2229097	<5	779631	106	0.04	<0.2	6.02	11	91	0.8	<2	5.16	<0.5	26	52	237	7.76	9	0.64	12	5.15	1233	<1	1.04	224	0.09	3	<3	11	<10	174	1.23	20	244	<10	89	98
SP21-01	779632	144.50	146.00	1.50	2229097	5	779632	79	0.13	<0.2	6.94	5	205	1	<2	4.38	<0.5	32	46	168	8.40	<2	0.51	15	3.00	1325	1	2.13	147	0.12	3	<3	<10	<10	203	1.40	17	248	<10	100	122
SP21-01	779633	146.00	147.50	1.50	2229097	<5	779633	75	0.05	<0.2	6.08	<5	231	0.9	<2	3.66	<0.5	35	51	225	7.98	7	1.53	16	5.10	1200	1	1.37	229	0.12	2	<3	<10	10	148	1.26	17	227	<10	99	114
SP21-01	779634	147.50	149.00	1.50	2229097	<5	779634	71	0.01	<0.2	6.04	18	116	0.7	<2	3.71	<0.5	24	60	314	8.34	3	1.01	11	7.08	1210	<1	1.42	328	0.09	9	<3	<10	<10	81	1.23	17	252	<10	97	93
SP21-01	779635	149.00	150.50	1.50	2229097	<5	779635	110	0.01	<0.2	6.30	15	66	0.7	<2	4.71	<0.5	21	62	350	8.14	2	0.55	11	7.03	1242	2	1.86	335	0.08	8	<3	<10	11	140	1.11	18	264	<10	90	81
SP21-01	779636	150.50	152.00	1.50	2229097	<5	779636	104	0.02	<0.2	5.87	10	89	0.6	<2	4.38	0.6	18	55	481	7.82	9	0.52	9	6.78	1191	2	1.66	392	0.07	<2	<3	<10	<10	118	1.00	16	245	<10	82	79
SP21-01	779637	152.00	153.50	1.50	2229097	<5	779637	98	0.01	<0.2	5.95	<5	71	0.6	<2	4.48	<0.5	21	61	404	7.84	4	0.56	10	7.35	1258	<1	1.65	384	0.08	2	<3	10	11	105	1.07	16	249	<10	88	80
SP21-01	779638	153.50	155.00	1.50	2229097	<5	779638	108	0.01	<0.2	5.47	13	91	0.5	<2	4.82	<0.5	19	57	350	7.44	9	0.75	9	6.68	1207	<1	1.41	343	0.07	5	<3	<10	10	127	0.98	19	228	<10	82	66
SP21-01	779639	155.00	156.25	1.25	2229097	<5	779639	85	0.01	<0.2	5.83	11	128	0.6	<2	4.41	<0.5	20	55	290	7.39	3	1.01	10	5.92	1384	<1	0.77	272	0.08	2	<3	<10	<10	100	1.04	13	243	<10	82	66
SP21-01	779640	156.25	157.30	1.05	2127961	<5																																			
SP21-01	779641	157.30	158.35	1.05	2127961	<5																																			
SP21-01	779642	158.35	159.50	1.15	2229097	<5	779642	65	0.06	<0.2	6.05	5	59	0.6	<2	5.24	<0.5	15	43	134	7.30	6	0.17	7	4.17	1367	1	1.15	109	0.06	8	<3	<10	<10	146	0.83	18	272	<10	87	56
SP21-01	779643	159.50	161.00	1.50	2229097	<5	779643	107	0.02	0.2	5.12	14	206	0.6	<2	5.25	<0.5	21	58	515	7.53	<2	2.00	10	6.21	1172	<1	0.74	410	0.08	10	<3	<10	<10	141	1.01	17	200	<10	87	84
SP21-01	779644	161.00	162.50	1.50	2229097	<5	779644	79	0.01	<0.2	5.16	<5	145	0.6	<2	4.41	0.5	18	59	337	7.48	4	1.31	9	6.57	1151	<1	1.14	358	0.08	<2	<3	<10	<10	124	1.00	17	203	<10	88	77
SP21-01	779645	162.50	164.00	1.50	2229097	<5	779645	90	0.02	<0.2	5.06	8	73	0.6	<2	4.87	<0.5	17	60	362	7.21	6	0.44	9	6.78	1219	2	1.26	405	0.07	<2	<3	<10	<10	151	0.93	17	219	<10	83	66
SP21-02	779646	7.00	8.00	1.00	2229097	<5	779646	<5	0.01	<0.2	7.54	10	52	1.4	<2	1.99	<0.5	66	45	44	>10.00	<2	0.38	28	1.59	2071	<1	1.84	44	0.22	5	<3	<10	10	182	2.31	14	361	<10	52	218
SP21-02	779647	8.00	9.00	1.00	2229097	<5	779647	<5	<0.01	<0.2	7.92	11	86	1.8	<2	1.79	<0.5	67	39	35	>10.00	3	0.53	30	1.30	1931	1	2.42	49	0.30	4	<3	<10	13	232	2.46	11	308	<10	49	69
SP21-02	779648	9.00	10.00	1.00	2229097	44	779648	82	0.70	<0.2	7.70	10	74	2.2	<2	2.06	<0.5	61	76	33	>10.00	4	0.44	28	1.44	1745	2	2.35	40	0.24	7	<3	<10	<10	221	2.38	13	362	<10	50	89
SP21-02	779649	10.00	11.00	1.00	2229097	<5	779649	5	0.06	<0.2	7.20	14	36	1.4	<2	3.66	<0.5	66	42	34	>10.00	<2	0.36	28	2.05	2052	2	1.54	35	0.22	4	<3	<10	16	200	2.23	19	337	<10	52	218
SP21-02	779650	11.00	12.00	1.00	2229097	<5	779650	16	0.01	<0.2	8.19	7	62	1.4	<2	2.30	<0.5	58	46	142	>10.00	10	0.47	26	1.97	1773	3	1.71	182	0.23	3	<3	10	<10	167	2.21	14	336	<10	55	73
SP21-02	779651	12.00	13.00	1.00	2229097	63	779651	66	0.52	<0.2	7.31	<5	65	1.4	<2	1.84	<0.5	55	73	41	>10.00	8	0.42	25	1.98	1770	1	1.47	50	0.23	8	<3	<10	<10	140	2.27	19	353	<10	59	67
SP21-02	779652	13.00	14.00	1.00	2229097	<5	779652	26	0.13	0.3	8.06	<5	83	1.8	<2	2.94	<0.5	70	54	31	>10.00	<2	0.42	30	1.93	1898	1	1.83	40	0.24	2	<3	<10	16	226	2.44	15	353	<10	54	239
SP21-02	779653	14.00	15.00	1.00	2229097	<5	779653	30	0.16	0.2	7.90	<5	42	1.6	<2	3.33	<0.5	71	59	36	>10.00	4	0.22	30	2.13	2209	1	1.80	44	0.24	11	<3	<10	<10	246	2.38	21	366	<10	58	253
SP21-02	779654	15.00	16.00	1.00	2229097	<5	779654	47	0.02	0.6	7.40	9	56	1.6	<2	3.02	<0.5	70	50	50	>10.00	<2	0.34	29	1.76	1953	3	1.69	35	0.23	6	<3	<10	<10	240	2.27	18	310	<10	53	233
SP21-02	779655	16.00	17.00	1.00	2229097	5	779655	22	0.03	<0.2	8.27	6	193	1.8	<2	3.16	<0.5	81	51	116	9.72	<2	0.81	39	1.30	1516	<1	2.57	81	0.26	<2	<3	<10	<10	345	2.32	12	309	<10	46	71
SP21-02	779656	17.00	18.00	1.00	2229097	7	779656	90	0.19	<0.2	9.48	29	249	2	<2	2.47	<0.5	63	69	274	>10.00	11	0.98	28	1.43	1734	1	2.91	220	0.23	3	<3	10	<10	452	2.08	10	263	<10	50	44
SP21-02	779657	18.00	19.00	1.00	2229097	<5	779657	166	0.48	<0.2	7.98	13	72	2.1	<2	3.64	<0.5	111	65	117	8.09	2	0.28	46	1.52	1311	1	3.16	165	0.33	2	4	<10	12	343	1.09	15	58	<10	39	113
SP21-02	779658	19.00	20.00	1.00	2229097	<5	779658	171	0.67	<0.2	5.21	<5	7	0.6	<2	7.00	<0.5	16	111	1105	>10.00	<2	0.05	9	4.38	2267	<1	0.18	**0.12%**	0.07	13	13	<10	10	74	1.00	33	192	<10	76	72
SP21-02	779659	20.00	21.00	1.00	2229097	<5	779659	130	0.25	<0.2	7.43	15	33	1	<2	3.96	0.5	30	67	319	>10.00	<2	0.11	15	3.61	1584	1	1.86	284	0.10	5	<3	12	14	171	1.56	17	270	<10	68	102
SP21-02	779660	21.00	22.00	1.00	2229097	<5	779660	64	0.18	<0.2	8.07	<5	89	1.1	<2	5.20	<0.5	39	57	175	9.32	<2	0.40	17	2.45	1442	<1	2.62	139	0.13	5	<3	<10	15	353	1.78	18	340	<10	63	147
SP21-02	779661	22.00	23.00	1.00	2229097	<5	779661	53	0.13	<0.2	8.46	7	101	1	<2	4.44	<0.5	38	58	217	8.32	<2	0.44	16	2.23	1113	1	3.45	172	0.12	3	<3	18	<10	458	1.79	16	329	<10	71	139
SP21-02	779662	23.00	24.00	1.00	2229097	<5	779662	33	0.04	<0.2	7.47	16	87	0.9	<2	5.19	<0.5	36	54	202	8.36	<2	0.40	16	2.37	1187	1	2.90	156	0.12	4	<3	<10	<10	422	1.59	20	306	<10	59	139
SP21-02	779663	24.00	25.00	1.00	2229097	<5	779663	<5	0.01	<0.2	8.42	<5	64	0.9	<2	4.92	<0.5	28	54	272	8.61	3	0.30	15	2.62	1196	<1	2.55	140	0.11	8	<3	<10	16	408	1.52	20	327	<10	63	37

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-02	779664	25.00	26.00	1.00	2229097	<5	779664	69	0.06	<0.2	7.49	7	69	1	<2	4.91	<0.5	34	57	170	8.93	<2	0.29	16	2.65	1221	1	2.87	145	0.12	2	<3	<10	12	373	1.56	18	283	<10	62	136
SP21-02	779665	26.00	27.00	1.00	2229097	<5	779665	22	0.01	<0.2	6.51	7	38	1	<2	3.97	<0.5	28	43	170	7.12	<2	0.15	13	2.05	997	2	2.49	93	0.09	4	<3	<10	11	329	1.33	14	250	<10	45	109
SP21-02	779666	27.00	28.00	1.00	2229097	5	779666	202	0.09	0.3	6.90	18	60	1.4	<2	6.13	<0.5	33	45	148	7.88	<2	0.40	15	2.20	1142	24	2.13	157	0.07	5	9	<10	<10	390	1.35	23	191	<10	48	94
SP21-02	779667	28.00	29.00	1.00	2229097	8	779667	242	0.12	0.2	7.64	21	40	1.3	<2	5.03	<0.5	26	66	279	9.66	<2	0.23	12	2.90	1519	1	2.47	276	0.09	6	4	<10	<10	357	1.37	21	279	<10	58	93
SP21-02	779668	29.00	30.00	1.00	2229097	<5	779668	1026	1.73	<0.2	7.14	9	17	<0.5	<2	2.96	<0.5	26	145	508	>10.00	<2	0.12	12	3.98	1737	4	0.50	321	0.10	11	8	<10	20	81	1.48	27	313	<10	80	103
SP21-02	779669	30.00	31.00	1.00	2229097	<5	779669	247	1.06	<0.2	6.82	11	34	0.7	<2	4.83	<0.5	20	87	296	9.99	<2	0.18	10	2.80	1351	2	1.51	263	0.07	6	8	<10	13	276	1.17	23	216	<10	52	19
SP21-02	779670	31.00	32.00	1.00	2229097	<5	779670	7	0.03	<0.2	6.92	10	37	0.8	<2	4.98	<0.5	25	55	218	8.86	<2	0.16	10	3.31	1495	1	2.11	200	0.09	5	<3	<10	<10	284	1.29	21	282	<10	60	96
SP21-02	779671	32.00	33.00	1.00	2229097	<5	779671	21	0.04	<0.2	5.88	11	29	0.8	<2	5.34	<0.5	22	63	529	9.94	6	0.11	10	4.29	1741	3	1.33	451	0.07	6	14	<10	<10	198	1.11	26	218	<10	72	81
SP21-02	779672	33.00	34.00	1.00	2229097	<5	779672	80	0.33	<0.2	5.81	15	24	0.9	<2	4.72	<0.5	17	78	611	>10.00	6	0.10	9	4.61	1742	2	0.96	542	0.06	8	6	<10	<10	145	1.14	26	222	<10	72	60
SP21-02	779673	34.00	35.00	1.00	2229097	<5	779673	296	1.48	<0.2	7.80	7	69	1.2	<2	2.46	<0.5	26	78	632	>10.00	5	0.22	12	2.30	1351	1	2.00	422	0.07	<2	4	16	10	334	1.54	20	278	<10	57	120
SP21-02	779674	35.00	36.00	1.00	2229097	64	779674	449	2.47	<0.2	7.66	12	77	0.9	<2	1.98	<0.5	25	116	658	>10.00	<2	0.22	12	2.61	1421	1	1.70	527	0.08	13	6	<10	<10	235	1.53	27	260	<10	66	120
SP21-02	779675	36.00	37.00	1.00	2229097	50	779675	146	0.60	<0.2	6.53	6	46	0.9	<2	3.97	<0.5	29	97	674	>10.00	3	0.19	14	6.45	1688	1	0.88	727	0.11	6	5	<10	19	98	1.37	26	211	<10	72	105
SP21-02	779676	37.00	38.00	1.00	2229097	14	779676	38	0.38	<0.2	7.36	7	35	0.7	<2	1.72	<0.5	27	78	587	>10.00	<2	0.09	12	4.05	1703	<1	0.83	603	0.08	<2	6	<10	<10	111	1.48	21	231	<10	67	96
SP21-02	779677	38.00	39.00	1.00	2229097	<5	779677	68	0.42	<0.2	6.71	5	27	0.6	<2	3.10	<0.5	23	118	1068	>10.00	6	0.01	11	6.67	2011	1	0.04	**0.12%**	0.07	14	4	<10	11	39	1.34	23	203	<10	86	73
SP21-02	779678	39.00	40.00	1.00	2229097	7	779678	54	0.37	<0.2	7.39	16	16	0.6	<2	2.67	<0.5	25	81	627	>10.00	<2	0.04	11	5.87	1838	1	0.35	645	0.10	11	<3	12	10	51	1.42	22	244	<10	73	99
SP21-02	779679	40.00	41.00	1.00	2229097	<5	779679	45	0.21	<0.2	7.95	5	14	0.6	<2	1.78	<0.5	37	64	522	>10.00	<2	0.07	17	5.27	1863	3	0.54	466	0.13	6	12	<10	<10	40	1.67	24	228	<10	73	144
SP21-02	779680	41.00	42.00	1.00	2229097	<5	779680	64	0.43	0.2	8.94	8	69	1.6	<2	2.67	<0.5	93	48	56	>10.00	<2	0.26	42	2.70	1812	1	3.04	53	0.29	6	<3	<10	13	217	2.32	19	181	<10	53	189
SP21-02	779681	42.00	43.00	1.00	2229097	<5	779681	19	0.13	<0.2	9.49	7	123	2	<2	3.11	<0.5	101	50	30	>10.00	<2	0.33	46	1.93	1627	1	3.37	53	0.25	3	<3	13	13	475	2.47	19	157	<10	46	203
SP21-02	779682	43.00	44.00	1.00	2229097	<5	779682	37	0.13	0.2	7.57	7	26	1.2	<2	3.43	0.5	54	85	925	>10.00	<2	0.10	26	4.94	1537	1	1.28	735	0.17	8	<3	<10	14	169	1.77	22	174	<10	64	103
SP21-02	779683	44.00	45.00	1.00	2229097	<5	779683	<5	0.02	<0.2	4.34	145	5	0.7	<2	5.49	<0.5	12	93	1100	9.78	5	0.04	6	7.80	1586	1	0.09	1063	0.04	5	31	<10	15	23	0.83	33	152	<10	69	47
SP21-02	779684	45.00	46.00	1.00	2229097	<5	779684	<5	0.01	<0.2	5.72	83	11	0.5	<2	4.63	<0.5	15	96	881	9.70	<2	0.05	8	9.09	1587	2	0.14	1011	0.07	5	10	20	<10	19	1.07	23	195	<10	71	62
SP21-02	779685	46.00	47.00	1.00	2229097	<5	779685	40	0.19	<0.2	5.17	52	39	0.8	<2	7.72	<0.5	17	94	982	>10.00	<2	0.15	9	6.28	1728	1	0.77	1016	0.06	9	13	<10	20	197	0.99	27	153	<10	64	43
SP21-02	779686	47.00	48.00	1.00	2229097	18	779686	30	0.23	<0.2	4.18	441	13	0.6	<2	8.79	1	6	137	1322	>10.00	<2	0.16	5	4.18	2195	1	0.29	**0.18%**	0.01	13	28	10	26	102	0.75	35	94	<10	73	26
SP21-02	779687	48.00	49.00	1.00	2229097	18	779687	20	0.14	<0.2	5.08	306	82	1.1	<2	7.99	0.8	14	138	1328	>10.00	<2	0.31	8	4.06	1981	1	0.55	**0.14%**	0.05	15	18	<10	24	220	1.00	34	186	<10	80	45
SP21-02	779688	49.00	50.00	1.00	2229097	<5	779688	277	0.43	0.2	7.91	18	179	2.9	<2	2.61	<0.5	132	58	611	9.38	<2	0.57	54	1.40	1021	2	3.42	555	0.05	6	6	16	<10	374	0.82	12	75	<10	49	249
SP21-02	779689	50.00	51.00	1.00	2229097	<5	779689	97	0.09	<0.2	12.54	10	131	3.9	<2	1.27	<0.5	183	18	96	7.17	<2	0.46	74	0.69	666	3	5.14	46	0.04	4	3	<10	<10	478	0.48	4	22	<10	41	214
SP21-02	779690	51.00	52.00	1.00	2229097	<5	779690	20	0.02	<0.2	9.72	<5	130	3.7	<2	1.22	<0.5	184	15	100	6.93	<2	0.43	77	0.70	699	2	4.48	37	0.04	4	5	<10	<10	387	0.51	6	27	<10	40	275
SP21-02	779691	52.00	53.00	1.00	2229097	<5	779691	11	0.02	<0.2	8.96	7	118	3.8	<2	1.63	<0.5	150	23	71	8.59	<2	0.27	64	1.22	937	1	3.91	48	0.10	<2	9	<10	13	490	1.14	11	105	<10	44	223
SP21-02	779692	53.00	54.00	1.00	2229097	<5	779692	34	0.19	<0.2	6.87	19	142	2.9	<2	3.82	<0.5	66	61	591	>10.00	<2	0.48	29	2.55	1348	2	2.21	587	0.09	10	<3	<10	<10	401	1.14	21	178	<10	61	192
SP21-02	779693	54.00	55.00	1.00	2229097	<5	779693	<5	0.01	<0.2	4.14	84	<5	0.5	<2	4.70	<0.5	13	134	1304	>10.00	<2	0.02	7	8.06	1485	1	0.07	**0.12%**	0.04	9	12	<10	17	20	0.76	29	118	<10	76	38
SP21-02	779694	55.00	56.00	1.00	2229097	<5	779694	<5	0.01	<0.2	4.37	82	12	<0.5	<2	4.36	<0.5	10	137	1372	>10.00	<2	0.02	6	8.98	1409	2	0.06	**0.14%**	0.03	9	16	<10	<10	19	0.82	24	111	<10	72	30
SP21-02	779695	56.00	57.00	1.00	2229097	<5	779695	<5	0.01	<0.2	3.96	65	5	<0.5	<2	5.52	<0.5	8	122	1209	>10.00	<2	0.01	5	>10.00	1396	<1	0.06	**0.12%**	0.03	8	17	<10	<10	26	0.74	29	151	<10	74	28
SP21-02	779696	57.00	58.00	1.00	2229097	<5	779696	<5	0.01	<0.2	3.73	83	5	<0.5	<2	5.88	<0.5	10	120	1069	>10.00	<2	0.02	6	>10.00	1524	2	0.07	**0.12%**	0.03	8	15	<10	<10	24	0.67	29	145	<10	73	23
SP21-02	779697	58.00	59.00	1.00	2229097	<5	779697	<5	0.01	<0.2	3.82	84	10	<0.5	2	4.29	0.5	10	117	1624	9.52	2	0.04	6	6.90	1432	2	0.14	**0.16%**	0.03	7	15	<10	12	19	0.73	20	127	<10	69	27
SP21-02	779698	59.00	60.00	1.00	2229097	<5	779698	63	0.02	<0.2	5.75	16	110	0.6	<2	5.42	<0.5	17	118	1012	>10.00	4	0.18	9	6.27	1670	<1	1.12	1002	0.08	6	8	<10	17	120	1.11	26	151	<10	78	46
SP21-02	779699	60.00	61.00	1.00	2229097	12	779699	50	0.01	<0.2	7.93	<5	111	0.8	<2	4.30	<0.5	28	74	400	>10.00	<2	0.46	13	3.96	1440	2	2.14	375	0.09	7	<3	<10	16	277	1.56	22	244	<10	56	112
SP21-02	779700	61.00	62.00	1.00	2229097	<5	779700	89	0.09	<0.2	7.00	25	107	0.8	<2	4.38	<0.5	23	83	652	>10.00	<2	0.63	11	3.14	1406	2	1.48	752	0.07	12	<3	12	14	269	1.35	24	231	<10	54	90
SP21-02	779701	62.00	63.50	1.50	2229097	<5	779701	161	0.07	<0.2	7.61	17	105	0.8	<2	3.86	<0.5	29	81	543	>10.00	<2	0.41	13	3.29	1316	1	1.96	539	0.09	6	<3	<10	11	278	1.65	19	247	<10	51	119
SP21-02	779702	63.50	65.00	1.50	2229097	<5	779702	99	0.08	<0.2	9.01	16	89	0.7	<2	4.44	<0.5	24	72	363	9.67	<2	0.31	12	3.62	1205	2	2.51	274	0.09	5	<3	<10	<10	239	1.51	23	225	<10	56	31
SP21-02	779703	65.00	66.50	1.50	2229097	<5	779703	130	0.14	<0.2	8.15	<5	115	0.8	<2	4.76	<0.5	30	69	171	9.71	5	0.37	13	3.39	1211	2	2.89	115	0.09	<2	<3	<10	<10	321	1.49	22	236	<10	60	112
SP21-02	779704	66.50	68.00	1.50	2229097	<5	779704	53	0.15	<0.2	7.91	14	142	0.8	<2	4.57	<0.5	29	60	172	8.42	<2	0.42	14	2.78	1042	1	2.89	108	0.09	3	3	<10	18	405	1.52	17	271	<10	52	103

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-02	779705	68.00	69.50	1.50	2229097	<5	779705	45	0.21	<0.2	8.10	30	128	0.8	<2	4.05	<0.5	25	67	367	7.67	<2	0.41	11	2.30	1018	3	3.67	311	0.08	5	<3	<10	<10	337	1.52	18	278	<10	47	109
SP21-02	779706	69.50	71.00	1.50	2229097	<5	779706	29	0.23	<0.2	6.69	62	88	0.6	<2	5.29	<0.5	18	83	545	9.22	<2	0.31	9	2.77	1527	1	2.34	562	0.07	6	6	10	25	283	1.19	23	217	<10	71	84
SP21-02	779707	71.00	72.50	1.50	2229097	<5	779707	29	0.14	<0.2	5.82	101	48	0.8	<2	4.79	<0.5	16	73	538	8.66	<2	0.18	8	5.08	1304	2	1.49	562	0.07	5	5	<10	<10	144	1.09	25	221	<10	65	55
SP21-02	779708	72.50	74.00	1.50	2229097	<5	779708	55	0.31	<0.2	7.96	11	41	0.7	<2	5.60	<0.5	24	58	149	8.45	<2	0.11	11	3.65	1123	2	3.00	145	0.13	7	<3	15	14	381	1.48	23	275	<10	51	114
SP21-02	779709	74.00	75.50	1.50	2229097	<5	779709	24	0.04	<0.2	7.54	16	35	1	<2	4.65	<0.5	29	65	473	8.83	<2	0.10	14	5.91	1259	3	1.60	362	0.11	12	7	<10	23	193	1.49	22	244	<10	52	66
SP21-02	779710	75.50	77.00	1.50	2229097	6	779710	490	0.06	0.3	6.16	70	32	1.2	<2	3.63	<0.5	61	60	452	7.64	<2	0.10	24	5.33	1040	1	1.73	448	0.07	4	8	<10	13	124	0.91	19	164	<10	51	257
SP21-02	779711	77.00	78.50	1.50	2229097	8	779711	52	0.05	<0.2	5.86	45	60	0.7	<2	5.45	<0.5	21	63	351	7.95	<2	0.11	10	5.45	1155	1	1.31	345	0.09	7	9	<10	<10	142	1.12	21	216	<10	50	70
SP21-02	779712	78.50	80.00	1.50	2229097	<5	779712	132	0.57	<0.2	6.18	10	62	0.9	<2	5.93	<0.5	24	89	349	8.56	<2	0.22	11	5.27	1248	1	1.20	346	0.09	8	4	<10	13	274	1.19	21	208	<10	56	67
SP21-02	779713	80.00	81.50	1.50	2229097	<5	779713	122	0.99	0.2	6.12	6	31	0.7	<2	4.20	<0.5	22	87	668	>10.00	<2	0.11	11	7.13	1367	1	0.32	600	0.08	12	5	<10	18	90	1.18	22	207	<10	71	74
SP21-02	779714	81.50	83.00	1.50	2229097	<5	779714	91	0.81	<0.2	6.70	<5	38	1.2	<2	3.99	<0.5	26	41	273	7.97	<2	0.13	12	4.81	1051	1	1.94	203	0.11	2	<3	<10	<10	154	1.35	16	197	<10	52	72
SP21-02	779715	83.00	84.50	1.50	2229097	20	779715	57	0.28	0.2	6.30	46	62	1.5	<2	4.20	<0.5	38	54	276	7.84	<2	0.29	16	3.58	1208	3	2.06	265	0.11	5	3	<10	<10	156	1.21	14	191	<10	62	127
SP21-02	779716	84.50	86.00	1.50	2229097	<5	779716	21	0.04	<0.2	8.01	16	73	3.1	<2	2.17	<0.5	140	18	97	6.47	<2	0.30	58	1.82	1031	3	4.13	63	0.06	3	5	<10	<10	282	0.65	8	67	<10	61	194
SP21-02	779717	86.00	87.50	1.50	2229097	<5	779717	77	0.02	<0.2	11.19	<5	74	2.9	<2	2.17	<0.5	115	27	213	7.40	<2	0.40	48	2.31	1054	2	3.33	109	0.07	3	<3	<10	16	308	0.75	13	103	<10	68	122
SP21-02	779718	87.50	89.00	1.50	2229097	<5	779718	<5	0.01	<0.2	6.66	57	168	1.3	<2	5.69	<0.5	26	58	269	8.68	<2	0.59	13	4.42	1507	2	1.53	244	0.09	8	<3	<10	16	292	1.21	19	228	<10	60	91
SP21-02	779719	89.00	90.50	1.50	2229097	<5	779719	8	0.10	<0.2	6.54	83	105	1.3	<2	4.81	<0.5	29	70	448	9.78	<2	0.42	14	4.98	1629	1	1.36	476	0.11	9	5	<10	10	196	1.25	21	214	<10	60	72
SP21-02	779720	90.50	92.00	1.50	2229097	17	779720	15	0.19	<0.2	7.49	<5	129	1.7	<2	3.17	<0.5	65	39	40	9.58	<2	0.51	27	1.71	1385	<1	2.96	17	0.24	5	<3	<10	11	252	1.92	15	224	<10	48	225
SP21-02	779721	92.00	93.50	1.50	2229097	<5	779721	14	0.15	<0.2	6.78	6	134	1.7	<2	4.00	<0.5	61	36	32	9.46	5	0.62	26	1.46	1627	1	2.62	8	0.25	7	<3	<10	12	366	1.76	18	195	<10	66	147
SP21-02	779722	93.50	95.00	1.50	2229097	<5	779722	<5	0.01	<0.2	6.70	<5	131	1.8	<2	4.67	<0.5	54	32	42	8.27	<2	0.65	24	1.64	1523	2	2.50	14	0.23	7	<3	<10	11	331	1.60	15	180	<10	78	65
SP21-02	779723	95.00	96.50	1.50	2229097	10	779723	13	0.10	<0.2	6.59	<5	210	1.5	<2	2.88	<0.5	53	38	51	>10.00	<2	0.84	23	1.32	1644	1	2.48	17	0.20	9	<3	<10	17	251	1.93	15	191	<10	90	96
SP21-02	779724	96.50	98.00	1.50	2229097	22	779724	21	0.36	<0.2	6.76	<5	207	1.3	<2	3.31	<0.5	58	42	32	>10.00	2	0.83	24	1.17	1612	1	2.71	13	0.24	4	<3	<10	15	316	2.09	18	210	<10	51	171
SP21-02	779725	98.00	99.00	1.00	2229097	47	779725	111	1.10	0.7	6.94	<5	42	2.4	<2	1.73	<0.5	121	32	131	8.14	3	0.20	47	1.78	649	4	3.23	101	0.09	4	<3	<10	17	186	0.77	10	99	<10	43	520
SP21-02	779726	99.00	100.00	1.00	2229097	<5	779726	90	1.17	<0.2	6.99	6	28	2.3	<2	0.64	<0.5	150	12	75	5.83	<2	0.14	62	1.52	444	7	4.11	19	0.04	4	<3	<10	16	122	0.33	4	16	<10	38	274
SP21-02	779727	100.00	101.00	1.00	2229097	25	779727	81	0.29	0.4	6.18	16	16	2.2	<2	0.62	<0.5	125	26	191	7.09	<2	0.11	50	2.55	679	1	2.29	117	0.05	3	<3	<10	19	76	0.41	7	53	<10	27	356
SP21-02	779728	101.00	102.00	1.00	2229097	8	779728	49	0.54	<0.2	7.41	11	30	2.8	<2	1.22	<0.5	130	24	181	7.27	5	0.20	54	2.20	600	2	3.46	109	0.08	5	<3	<10	<10	130	0.61	9	83	<10	27	252
SP21-02	779729	102.00	103.00	1.00	2229097	<5	779729	18	0.27	<0.2	7.75	<5	33	1.9	<2	1.17	<0.5	54	36	205	7.49	<2	0.20	22	2.77	639	2	2.54	149	0.07	3	<3	<10	16	94	0.97	11	176	<10	32	119
SP21-02	779730	103.00	104.00	1.00	2229097	<5	779730	14	0.44	<0.2	5.89	114	27	0.7	<2	3.88	<0.5	26	73	734	>10.00	3	0.18	11	4.09	1275	<1	0.61	672	0.09	8	4	<10	<10	72	1.26	19	202	<10	50	93
SP21-02	779731	104.00	105.00	1.00	2229097	9	779731	35	0.40	<0.2	7.09	108	129	1.2	<2	2.07	<0.5	27	60	421	9.58	<2	0.50	12	3.20	1275	1	1.54	412	0.09	2	<3	<10	13	149	1.35	16	218	<10	42	119
SP21-02	779732	105.00	106.00	1.00	2229097	6	779732	55	0.62	<0.2	8.64	5	344	1.3	<2	1.19	<0.5	31	34	217	7.84	3	1.27	15	1.24	953	2	3.43	139	0.10	9	<3	16	<10	203	1.52	10	229	<10	25	34
SP21-02	779733	106.00	107.00	1.00	2229097	36	779733	71	0.94	<0.2	8.03	<5	241	1.2	<2	0.81	<0.5	22	32	363	>10.00	<2	0.83	11	1.76	1248	1	2.97	210	0.07	11	<3	<10	15	160	1.40	13	195	<10	32	47
SP21-02	779734	107.00	108.00	1.00	2229097	24	779734	69	0.78	<0.2	6.64	8	82	0.9	<2	0.90	<0.5	22	39	366	>10.00	<2	0.32	10	2.54	1109	<1	1.93	299	0.08	9	<3	<10	20	95	1.19	14	192	<10	41	95
SP21-02	779735	108.00	109.00	1.00	2229097	217	779735	195	2.35	<0.2	6.70	<5	31	0.7	<2	1.09	<0.5	21	72	335	>10.00	3	0.18	10	2.57	1110	<1	2.10	256	0.09	10	<3	<10	29	89	1.20	19	260	<10	44	83
SP21-02	779736	109.00	110.00	1.00	2229097	47	779736	169	2.11	<0.2	6.79	<5	40	0.7	<2	1.28	<0.5	23	57	366	>10.00	<2	0.18	11	2.54	897	1	2.29	265	0.10	7	<3	<10	13	98	1.22	17	255	<10	41	95
SP21-02	779737	110.00	111.00	1.00	2229097	417	779737	287	3.56	<0.2	4.30	12	75	0.9	<2	1.11	<0.5	12	77	998	>10.00	<2	0.28	8	1.86	711	2	1.96	618	0.08	13	<3	<10	<10	114	1.07	17	169	<10	34	31
SP21-02	779738	111.00	112.00	1.00	2229097	352	779738	321	2.92	<0.2	6.45	<5	47	0.7	<2	1.35	<0.5	19	76	950	>10.00	<2	0.20	10	2.37	930	1	2.03	558	0.08	14	<3	<10	16	117	1.25	20	223	<10	43	71
SP21-02	779739	112.00	113.00	1.00	2229097	324	779739	427	4.05	<0.2	5.80	9	38	<0.5	<2	1.15	<0.5	19	113	1441	>10.00	5	0.14	10	2.86	1134	<1	0.91	814	0.08	12	<3	<10	38	47	1.12	25	195	<10	56	76
SP21-02	779740	113.00	114.00	1.00	2229097	538	779740	448	4.24	<0.2	5.93	<5	22	<0.5	<2	1.23	<0.5	20	120	1394	>10.00	<2	0.11	11	2.76	1061	1	1.23	878	0.09	12	<3	<10	11	51	1.14	26	206	<10	51	80
SP21-02	779741	114.00	115.00	1.00	2229097	158	779741	356	3.21	<0.2	6.72	<5	94	0.8	2	1.55	<0.5	21	82	481	>10.00	<2	0.39	10	2.03	839	1	2.35	509	0.10	14	<3	<10	12	153	1.29	17	204	<10	38	70
SP21-02	779742	115.00	116.00	1.00	2229097	97	779742	222	2.67	<0.2	6.33	10	38	0.9	<2	1.41	<0.5	19	66	400	>10.00	<2	0.19	9	2.11	817	1	2.34	418	0.10	16	<3	<10	10	106	1.18	17	215	<10	38	33
SP21-02	779743	116.00	117.00	1.00	2229097	20	779743	205	2.24	<0.2	4.96	26	36	0.7	<2	3.16	0.5	18	73	770	>10.00	7	0.24	10	2.39	963	5	1.17	507	0.12	12	28	<10	28	111	0.88	20	159	<10	40	45
SP21-02	779744	117.00	118.00	1.00	2229097	118	779744	120	1.91	<0.2	6.04	43	37	0.8	<2	1.81	<0.5	24	106	777	>10.00	2	0.25	12	2.71	1273	<1	1.28	764	0.09	13	29	<10	14	80	1.11	20	206	<10	62	76
SP21-02	779745	118.00	118.90	0.90	2229097	39	779745	58	0.89	<0.2	6.19	<5	8	0.5	<2	1.27	<0.5	23	61	473	>10.00	2	0.06	11	3.73	1244	<1	0.78	398	0.10	13	<3	<10	15	36	1.13	18	233	<10	62	96

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-02	779746	118.90	119.90	1.00	2229097	72	779746	50	0.77	<0.2	4.76	39	61	0.5	<2	2.52	<0.5	16	60	650	9.69	<2	0.21	8	2.62	1347	1	0.52	497	0.05	11	<3	<10	11	63	0.89	16	155	<10	49	71
SP21-02	779747	119.90	121.00	1.10	2229097	14	779747	55	1.00	<0.2	7.23	<5	110	1.3	2	2.19	<0.5	27	50	199	9.31	2	0.47	14	1.89	1200	1	2.83	230	0.10	9	<3	<10	18	212	1.40	13	279	<10	46	24
SP21-02	779748	121.00	122.00	1.00	2229097	34	779748	100	1.78	<0.2	7.17	<5	150	1.2	<2	1.45	<0.5	24	45	281	9.68	<2	0.52	12	1.82	1033	1	2.72	192	0.09	8	<3	<10	17	198	1.32	10	211	<10	38	33
SP21-02	779749	122.00	123.00	1.00	2229097	11	779749	126	1.93	<0.2	5.73	<5	95	1.2	<2	1.36	<0.5	33	39	211	9.81	3	0.32	15	2.13	981	1	1.98	103	0.15	9	<3	<10	18	117	1.25	13	178	<10	35	64
SP21-02	779750	123.00	124.00	1.00	2229097	<5	779750	127	2.42	<0.2	6.48	<5	97	1.4	<2	1.86	<0.5	60	29	70	9.43	6	0.26	25	1.86	834	2	3.08	14	0.30	8	<3	<10	20	144	1.46	12	151	<10	33	119
SP21-02	779751	124.00	125.00	1.00	2229097	7	779751	62	1.20	<0.2	6.91	<5	58	1.6	<2	2.16	<0.5	62	37	161	8.92	<2	0.22	28	1.81	1326	1	2.99	129	0.18	8	<3	<10	11	161	1.26	12	169	<10	45	72
SP21-02	779752	125.00	126.00	1.00	2229097	35	779752	32	0.63	<0.2	6.65	<5	113	2.2	<2	1.38	<0.5	82	28	121	7.65	<2	0.37	35	1.67	1046	1	2.60	71	0.09	10	<3	<10	17	154	0.89	9	144	<10	44	149
SP21-02	779753	126.00	127.00	1.00	2229097	90	779753	84	1.19	<0.2	5.73	5	106	1.3	<2	0.88	<0.5	59	32	220	9.86	<2	0.29	25	2.12	1114	1	1.58	107	0.07	9	<3	<10	19	101	0.71	14	136	<10	57	120
SP21-02	779754	127.00	128.00	1.00	2229097	337	779754	216	2.94	<0.2	6.38	<5	58	0.8	<2	1.22	<0.5	21	55	337	>10.00	<2	0.18	10	2.71	1275	<1	1.55	191	0.09	7	<3	<10	21	101	1.13	22	233	<10	71	102
SP21-02	779755	128.00	129.20	1.20	2229097	414	779755	140	1.86	<0.2	5.82	<5	34	0.5	13	3.71	<0.5	29	62	381	>10.00	3	0.14	13	3.42	1546	1	0.58	307	0.13	7	<3	11	<10	80	1.21	26	226	<10	70	105
SP21-02	779756	129.20	129.60	0.40	2229097	108	779756	191	3.35	<0.2	4.97	19	84	0.5	4	2.06	<0.5	25	92	444	>10.00	<2	0.17	12	2.73	1310	1	0.52	381	0.11	14	<3	<10	<10	56	1.07	25	203	<10	63	100
SP21-02	779757	129.60	131.00	1.40	2229097	12	779757	32	0.62	<0.2	6.95	10	64	1.5	<2	2.21	<0.5	41	40	162	9.79	<2	0.15	19	2.29	1392	1	2.22	127	0.18	12	<3	<10	11	158	1.39	14	185	<10	63	47
SP21-02	779758	131.00	132.00	1.00	2229097	<5	779758	11	0.06	0.2	6.38	5	80	1.6	<2	3.31	<0.5	68	24	44	7.80	<2	0.22	27	1.60	1407	2	2.50	7	0.29	9	<3	<10	12	167	1.16	15	104	<10	67	241
SP21-02	779759	132.00	133.70	1.70	2229097	452	779759	135	1.88	<0.2	6.18	<5	34	1.2	7	2.16	<0.5	63	50	27	>10.00	<2	0.10	26	1.79	1371	1	2.31	7	0.26	14	<3	<10	17	144	1.36	17	142	<10	66	241
SP21-02	779760	133.70	134.10	0.40	2229097	151	779760	68	2.29	<0.2	5.84	15	33	1.4	2	3.61	<0.5	54	61	60	>10.00	<2	0.09	23	1.86	1658	<1	1.87	9	0.22	4	<3	<10	22	158	1.53	22	178	<10	67	190
SP21-02	779761	134.10	135.00	0.90	2229097	<5	779761	47	0.87	<0.2	6.42	<5	62	1.4	<2	3.29	<0.5	53	29	44	9.53	4	0.18	24	1.51	1825	<1	2.62	8	0.24	10	<3	<10	11	188	1.72	13	211	<10	61	98
SP21-02	779762	135.00	136.00	1.00	2229097	<5	779762	39	0.58	<0.2	5.64	8	42	1.4	<2	3.26	<0.5	49	25	44	8.83	<2	0.13	21	1.55	1508	1	2.14	12	0.22	7	<3	<10	15	153	1.59	12	196	10	62	70
SP21-02	779763	136.00	137.00	1.00	2229097	<5	779763	6	0.02	<0.2	6.47	5	23	1.4	<2	3.93	<0.5	58	39	26	9.15	<2	0.09	24	2.01	1697	2	2.07	10	0.24	5	<3	<10	<10	148	1.76	18	216	<10	95	190
SP21-02	779764	137.00	138.50	1.50	2229097	<5	779764	11	0.18	<0.2	6.18	<5	18	1.2	<2	4.19	<0.5	56	32	22	8.33	<2	0.08	23	2.10	1796	2	2.03	11	0.23	3	<3	<10	24	132	1.65	18	197	<10	103	157
SP21-02	779765	138.50	140.00	1.50	2229097	<5	779765	21	0.23	<0.2	5.80	<5	41	1.2	<2	3.69	<0.5	49	30	27	8.75	2	0.16	20	1.54	1947	<1	1.97	7	0.20	11	<3	<10	15	165	1.64	18	201	<10	74	184
SP21-02	779766	140.00	141.50	1.50	2229097	26	779766	112	0.63	<0.2	6.25	<5	25	1.3	<2	3.47	<0.5	58	37	31	9.56	<2	0.11	24	2.09	1913	1	2.05	9	0.23	8	<3	<10	25	140	1.71	20	217	<10	127	195
SP21-02	779767	141.50	143.00	1.50	2229097	<5	779767	49	0.65	<0.2	6.55	<5	79	1.4	<2	2.79	<0.5	63	31	31	9.51	<2	0.30	25	2.06	2017	<1	2.21	6	0.26	5	<3	<10	15	141	1.62	16	184	<10	133	237
SP21-02	779768	162.50	164.00	1.50	2229097	<5	779768	130	0.04	<0.2	6.00	<5	111	0.8	<2	4.04	<0.5	26	45	182	7.65	<2	0.78	12	1.29	852	1	1.37	122	0.11	6	<3	<10	14	157	1.23	17	281	<10	88	75
SP21-02	779769	164.00	165.50	1.50	2229097	<5	779769	73	0.16	<0.2	7.47	<5	155	1.2	<2	1.96	<0.5	40	44	275	9.87	<2	0.98	18	1.30	841	3	1.68	168	0.18	9	<3	<10	14	150	1.67	14	234	<10	104	55
SP21-02	779770	165.50	167.00	1.50	2229097	<5	779770	72	0.08	<0.2	6.47	<5	122	0.7	<2	2.04	<0.5	24	40	241	8.27	<2	0.90	11	1.42	770	1	1.57	162	0.11	9	<3	<10	15	126	1.25	13	257	<10	88	51
SP21-02	779771	167.00	168.50	1.50	2229097	<5	779771	129	0.04	<0.2	6.38	<5	176	0.9	<2	2.84	<0.5	22	43	245	8.31	<2	1.20	10	1.91	1094	1	1.14	156	0.09	9	<3	<10	<10	123	1.17	15	253	<10	99	103
SP21-02	779772	168.50	170.00	1.50	2229097	<5	779772	108	0.04	<0.2	6.81	<5	153	0.8	<2	2.38	<0.5	24	46	242	9.74	<2	1.19	12	1.67	1131	<1	1.43	151	0.11	13	<3	<10	20	131	1.32	14	273	<10	115	50
SP21-02	779773	170.00	171.00	1.00	2229097	<5	779773	11	0.08	<0.2	6.17	12	168	1.1	<2	3.54	<0.5	81	18	98	5.69	5	1.32	39	0.54	812	1	2.44	34	0.13	7	<3	<10	13	185	0.69	16	72	<10	73	77
SP21-02	779774	171.00	172.00	1.00	2229097	<5	779774	16	0.14	<0.2	7.08	<5	227	1.4	<2	3.16	<0.5	112	13	42	5.19	<2	1.43	52	0.48	934	2	3.10	27	0.14	9	<3	<10	11	259	0.57	9	16	<10	62	99
SP21-02	779775	172.00	173.00	1.00	2229097	<5	779775	25	0.21	<0.2	6.22	7	212	1.4	<2	2.90	<0.5	72	26	160	6.46	2	1.70	32	2.02	2558	3	0.96	47	0.21	12	<3	<10	11	124	0.85	13	111	<10	115	121
SP21-02	779776	173.00	174.00	1.00	2229097	<5	779776	58	0.67	<0.2	7.76	6	461	2.1	<2	0.52	<0.5	65	26	120	5.35	<2	3.71	29	1.10	2635	6	0.47	40	0.05	19	<3	<10	19	37	0.34	7	153	<10	108	70
SP21-02	779777	174.00	175.00	1.00	2229097	<5	779777	96	0.74	0.5	11.14	<5	693	2.4	<2	0.65	<0.5	91	35	153	6.71	<2	4.67	41	1.36	4325	6	0.60	56	0.06	12	<3	<10	10	59	0.46	12	210	<10	111	118
SP21-02	779778	175.00	176.00	1.00	2229097	<5	779778	72	0.47	0.4	9.50	12	573	2.8	<2	1.18	0.5	86	33	178	6.40	2	4.01	40	1.37	4452	7	0.74	56	0.06	22	4	11	<10	79	0.45	10	197	<10	115	101
SP21-02	779779	176.00	177.00	1.00	2229097	<5	779779	59	0.47	0.4	10.03	13	671	2.8	<2	0.71	1.5	87	37	215	6.34	<2	4.30	40	1.51	3803	4	0.57	88	0.06	20	3	12	<10	55	0.46	10	179	<10	118	99
SP21-02	779780	177.00	178.00	1.00	2229097	<5	779780	108	0.46	0.4	8.76	<5	579	2.3	<2	2.50	<0.5	69	37	251	7.12	4	2.33	34	2.55	3079	5	1.11	100	0.08	20	<3	11	14	117	0.80	15	221	<10	113	109
SP21-02	779781	178.00	179.00	1.00	2229097	<5	779781	88	0.50	0.2	7.77	<5	621	2.4	<2	3.75	0.5	62	30	267	5.82	4	2.90	31	1.53	2201	4	1.32	69	0.07	16	<3	<10	12	195	0.66	16	188	<10	91	107
SP21-02	779782	179.00	180.00	1.00	2229097	<5	779782	88	0.16	<0.2	6.09	8	141	1.1	<2	5.10	<0.5	29	43	443	6.62	<2	0.79	16	4.33	1495	3	0.53	268	0.08	5	<3	<10	13	121	0.96	19	203	<10	80	67
SP21-02	779783	180.00	181.00	1.00	2229097	<5	779783	82	0.24	0.2	6.89	9	297	1.7	<2	6.51	<0.5	65	48	431	7.76	<2	1.77	32	2.04	1955	3	1.42	176	0.14	10	<3	<10	16	238	1.35	21	152	<10	93	126
SP21-02	779784	181.00	182.00	1.00	2229097	<5	779784	103	0.96	0.3	8.14	6	408	2.4	<2	4.09	0.6	67	33	212	6.30	<2	3.28	36	1.36	1748	6	0.87	99	0.09	23	<3	<10	13	111	0.82	20	180	<10	115	115
SP21-02	779785	182.00	183.00	1.00	2229097	<5	779785	51	0.46	0.4	8.47	17	298	2.5	<2	2.45	<0.5	56	26	107	5.35	9	2.41	27	1.43	3980	4	1.48	38	0.07	23	<3	13	17	112	0.49	15	157	<10	99	109

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-02	779786	183.00	184.00	1.00	2229097	<5	779786	92	0.86	0.7	10.40	19	518	2.4	<2	0.58	0.6	93	34	195	6.63	4	4.26	43	1.63	3302	11	0.62	66	0.07	24	<3	15	20	45	0.52	13	214	<10	128	123
SP21-02	779787	184.00	185.00	1.00	2229097	<5	779787	77	0.77	0.6	9.24	<5	422	2.5	<2	0.81	0.5	79	28	191	5.97	12	3.47	38	1.44	3123	3	0.65	48	0.05	21	<3	<10	<10	48	0.45	8	173	<10	110	104
SP21-02	779788	185.00	186.00	1.00	2229097	<5	779788	86	0.82	0.2	9.45	11	441	2.7	<2	1.05	0.5	70	29	188	5.97	4	3.57	34	1.53	2331	4	0.97	56	0.08	18	3	10	<10	74	0.51	11	214	<10	127	116
SP21-02	779789	186.00	187.00	1.00	2229097	<5	779789	58	0.62	0.4	6.35	16	282	1.7	<2	7.12	0.9	63	35	318	6.46	12	2.41	31	1.23	2375	2	0.95	166	0.13	15	<3	10	<10	141	1.13	23	138	<10	85	127
SP21-02	779790	187.00	188.00	1.00	2229097	<5	779790	74	0.77	0.4	7.10	13	264	1.7	<2	5.78	0.5	74	43	238	8.24	2	2.22	32	2.05	3434	3	0.81	115	0.13	11	<3	14	12	139	1.45	19	179	<10	111	135
SP21-02	779791	188.00	189.00	1.00	2128054	6	779791	79	0.69	<0.2	7.61	<5	383	2.1	<2	4.10	0.5	73	31	160	5.79	<2	2.89	36	1.47	2026	8	0.68	52	0.09	16	6	<10	<10	131	0.70	17	188	<10	111	117
SP21-02	779792	189.00	190.00	1.00	2128054	<5	779792	59	0.52	<0.2	8.19	<5	357	2.2	<2	3.73	0.5	76	34	137	6.38	<2	3.05	39	1.66	1782	5	0.90	62	0.09	17	<3	<10	<10	123	0.84	15	178	<10	106	124
SP21-02	779793	190.00	191.00	1.00	2128054	<5	779793	12	0.35	0.3	8.18	15	332	1.6	<2	7.94	0.6	75	34	126	7.86	<2	3.08	34	1.44	2946	1	1.06	36	0.20	18	<3	<10	<10	170	1.91	20	156	<10	83	195
SP21-02	779794	191.00	192.00	1.00	2128054	6	779794	72	0.50	<0.2	8.44	<5	361	1.8	<2	3.33	<0.5	87	42	229	8.26	<2	3.21	43	1.73	1779	4	0.68	84	0.25	23	<3	<10	<10	103	1.32	18	173	<10	117	199
SP21-02	779795	192.00	193.00	1.00	2128054	<5	779795	64	0.35	0.3	7.39	19	304	1.8	<2	8.66	0.5	62	37	165	6.11	<2	2.57	32	1.99	1924	4	0.51	89	0.10	7	<3	<10	<10	171	0.78	22	186	<10	110	109
SP21-02	779796	193.00	194.00	1.00	2128054	7	779796	117	0.83	<0.2	8.48	<5	480	2	2	4.09	<0.5	70	35	196	7.14	<2	3.63	36	1.70	1648	5	0.57	95	0.09	16	<3	<10	<10	125	0.84	19	203	<10	130	129
SP21-02	779797	194.00	195.00	1.00	2128054	<5	779797	56	0.37	<0.2	6.57	10	390	2.2	2	3.93	<0.5	74	32	213	6.29	<2	2.90	39	1.67	1822	5	0.88	74	0.13	13	<3	13	11	130	1.16	19	179	<10	105	145
SP21-02	779798	195.00	196.00	1.00	2128054	<5	779798	41	0.18	0.4	8.55	5	282	1.9	<2	5.55	<0.5	103	45	175	8.11	<2	2.44	49	2.15	2271	2	1.73	95	0.24	10	<3	<10	<10	188	1.38	15	167	<10	124	234
SP21-02	779799	196.00	197.00	1.00	2128054	<5	779799	63	0.13	<0.2	6.96	9	169	1.2	<2	####	<0.5	62	50	263	7.65	<2	1.09	32	2.94	1692	3	1.57	160	0.17	<2	<3	14	<10	271	1.26	20	193	<10	93	157
SP21-02	779800	197.00	198.00	1.00	2128054	<5	779800	63	0.06	<0.2	7.08	<5	78	0.7	<2	6.70	<0.5	36	60	305	9.07	<2	0.62	17	4.31	1916	<1	1.19	210	0.09	2	<3	<10	<10	144	1.44	18	219	<10	94	141
SP21-02	779801	198.00	199.00	1.00	2128054	16	779801	111	0.22	<0.2	7.08	14	66	0.8	<2	4.79	<0.5	31	61	321	8.25	<2	0.60	15	5.78	1251	2	0.71	294	0.10	2	<3	<10	<10	134	1.20	20	261	<10	110	106
SP21-02	779802	199.00	200.00	1.00	2128054	<5	779802	84	0.83	<0.2	8.86	8	475	1.9	<2	2.84	<0.5	67	48	227	8.27	3	2.63	31	2.25	3374	6	2.06	114	0.11	15	<3	<10	<10	187	1.02	14	199	<10	132	128
SP21-02	779803	200.00	201.00	1.00	2128054	<5	779803	70	0.34	<0.2	9.93	<5	684	2.3	<2	3.26	<0.5	77	43	137	7.11	2	2.89	36	1.95	3410	2	2.26	77	0.07	19	<3	10	<10	184	0.68	7	143	<10	100	106
SP21-02	779804	201.00	202.00	1.00	2128054	<5	779804	75	0.02	<0.2	5.96	<5	64	0.5	<2	8.07	<0.5	28	50	236	7.41	<2	0.60	14	4.39	1926	4	0.60	178	0.10	5	<3	<10	<10	180	1.18	21	198	<10	83	118
SP21-02	779805	202.00	203.00	1.00	2128054	<5	779805	62	0.05	<0.2	5.66	12	121	0.6	3	####	<0.5	24	50	229	7.29	<2	0.73	13	2.95	2075	1	1.12	162	0.10	5	<3	<10	<10	278	1.11	25	178	<10	85	111
SP21-02	779806	203.00	204.00	1.00	2128054	<5	779806	75	0.07	<0.2	8.54	10	232	1.7	<2	3.19	<0.5	46	53	225	8.15	<2	0.64	21	3.48	2550	5	2.49	154	0.08	7	<3	<10	<10	172	1.08	12	218	<10	110	120
SP21-02	779807	204.00	205.00	1.00	2128054	<5	779807	63	0.08	<0.2	10.01	15	368	2.5	<2	1.96	<0.5	63	47	180	7.33	<2	1.10	29	2.50	2264	4	4.32	140	0.08	15	<3	<10	<10	159	0.63	8	188	<10	107	106
SP21-02	779808	205.00	206.00	1.00	2128054	<5	779808	103	0.61	<0.2	8.89	8	504	2.4	<2	3.36	0.5	76	39	194	7.08	<2	3.01	37	2.34	2211	7	2.74	100	0.10	17	9	<10	<10	182	0.82	19	238	<10	131	132
SP21-02	779809	206.00	207.00	1.00	2128054	<5	779809	50	0.54	<0.2	8.29	7	414	2.2	<2	2.26	<0.5	84	33	154	6.48	<2	2.64	41	1.60	2256	3	2.71	75	0.09	17	<3	<10	<10	128	0.86	15	179	<10	112	137
SP21-02	779810	207.00	208.00	1.00	2128054	<5	779810	110	0.59	<0.2	7.01	10	368	2	<2	5.96	<0.5	67	36	182	6.80	<2	1.99	35	1.58	2355	3	2.37	50	0.22	8	<3	<10	<10	222	1.14	14	157	<10	90	109
SP21-02	779811	208.00	209.00	1.00	2128054	<5	779811	206	0.12	<0.2	6.82	<5	231	2.2	3	2.88	<0.5	69	61	474	7.70	<2	0.74	37	3.46	2058	3	2.18	267	0.11	3	<3	<10	<10	226	0.88	6	204	<10	105	109
SP21-02	779812	209.00	209.90	0.90	2128054	<5	779812	76	0.19	<0.2	7.97	14	72	1.3	<2	3.88	<0.5	50	56	254	8.41	<2	0.40	23	4.14	1876	3	2.27	198	0.14	2	<3	<10	<10	167	1.42	16	250	<10	96	162
SP21-02	779813	209.90	210.70	0.80	2128054	<5	779813	12	0.03	<0.2	3.99	17	32	0.5	<2	3.44	<0.5	22	37	393	5.68	<2	0.12	10	3.82	1252	1	0.55	206	0.07	<2	<3	<10	<10	69	0.77	7	131	<10	72	75
SP21-02	779814	210.70	212.00	1.30	2128054	<5	779814	13	0.02	<0.2	4.84	8	12	0.6	<2	4.68	<0.5	22	79	614	8.39	<2	0.13	11	9.40	1319	2	0.10	708	0.08	5	6	<10	<10	26	0.76	14	142	<10	114	84
SP21-02	779815	212.00	213.00	1.00	2128054	<5	779815	106	0.02	<0.2	6.38	10	177	0.6	<2	5.32	<0.5	20	55	286	7.55	<2	1.48	11	5.15	1153	2	0.83	180	0.08	6	<3	<10	<10	116	1.12	21	269	<10	82	92
SP21-02	779816	213.00	214.00	1.00	2128054	<5	779816	59	0.01	<0.2	5.15	5	37	0.6	<2	5.38	<0.5	19	66	432	7.70	<2	0.34	10	7.76	1178	1	0.33	475	0.07	10	<3	<10	<10	69	0.86	16	187	<10	93	76
SP21-02	779817	214.00	215.00	1.00	2128054	<5	779817	92	0.02	<0.2	4.91	<5	96	0.5	<2	5.39	<0.5	13	52	627	6.41	<2	0.72	8	5.46	1045	2	0.87	359	0.06	<2	<3	<10	<10	120	0.79	15	188	<10	68	88
SP21-03	779818	3.00	5.00	2.00	2128054	22	779818	21	0.37	<0.2	6.58	<5	67	1.5	<2	2.29	<0.5	64	43	54	>10.00	<2	0.47	30	1.73	1456	<1	2.62	35	0.27	6	<3	<10	<10	207	2.51	12	311	<10	49	169
SP21-03	779819	5.00	6.00	1.00	2128054	61	779819	62	0.81	<0.2	8.70	<5	53	1.2	2	2.10	<0.5	78	65	62	>10.00	<2	0.43	33	2.32	1567	2	2.38	35	0.24	3	<3	<10	<10	174	2.52	23	383	<10	51	290
SP21-03	779820	6.00	7.00	1.00	2128054	24	779820	123	1.36	0.2	8.64	10	57	1	<2	2.11	<0.5	83	88	36	>10.00	<2	0.44	35	2.25	1556	2	2.31	38	0.25	7	<3	<10	<10	160	2.52	21	389	<10	52	297
SP21-03	779821	7.00	8.00	1.00	2128054	55	779821	19	0.32	0.2	11.18	<5	483	1.7	<2	1.54	<0.5	94	61	145	>10.00	<2	2.13	38	1.37	1840	2	2.45	117	0.29	6	<3	<10	11	225	3.01	19	453	11	42	331
SP21-03	779822	8.00	9.00	1.00	2128054	7	779822	8	0.12	<0.2	13.33	28	1047	1.9	<2	1.05	<0.5	81	80	251	>10.00	<2	4.28	32	0.88	1886	1	1.17	192	0.15	5	<3	<10	<10	213	3.28	19	365	<10	42	300
SP21-03	779823	9.00	10.00	1.00	2128054	10	779823	25	0.25	0.2	11.35	18	487	1.8	<2	1.62	0.6	37	90	782	>10.00	<2	1.76	17	1.58	1592	<1	2.56	562	0.11	11	<3	12	<10	258	2.03	21	337	<10	52	142
SP21-03	779824	10.00	11.00	1.00	2128054	152	779824	95	1.16	<0.2	7.10	21	230	1.7	<2	1.59	<0.5	23	67	785	>10.00	<2	0.80	13	2.31	1302	1	2.62	421	0.08	9	<3	<10	<10	251	1.81	19	283	<10	51	66
SP21-03	779825	11.00	12.00	1.00	2128054	44	779825	70	0.52	<0.2	9.48	<5	205	1.8	<2	2.53	<0.5	61	45	208	>10.00	<2	0.67	28	4.18	1142	1	2.35	196	0.17	<2	<3	<10	<10	186	1.78	16	290	13	61	216

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-03	779826	12.00	13.00	1.00	2128054	2105	779826	976	7.79	0.4	6.11	9	66	1.1	<2	2.38	<0.5	77	93	261	>10.00	<2	0.29	38	2.33	724	1	2.13	247	0.24	9	<3	<10	<10	105	1.36	35	126	<10	39	191
SP21-03	779827	13.00	14.00	1.00	2128054	<5	779827	54	0.42	<0.2	6.99	15	46	1	<2	2.08	<0.5	30	47	215	9.11	<2	0.17	14	3.85	967	1	1.55	154	0.12	3	<3	<10	<10	78	1.50	13	263	11	38	131
SP21-03	779828	14.00	15.00	1.00	2128054	217	779828	40	0.14	<0.2	9.00	16	75	1.6	<2	2.27	<0.5	64	30	56	9.49	<2	0.19	25	4.53	920	2	2.50	52	0.27	2	<3	<10	<10	114	2.17	12	253	<10	35	278
SP21-03	779829	15.00	16.00	1.00	2128054	64	779829	244	1.40	0.2	8.92	<5	176	2	<2	2.00	<0.5	80	55	107	>10.00	<2	0.37	35	3.55	919	3	2.95	77	0.25	5	<3	<10	<10	175	2.11	15	273	<10	38	259
SP21-03	779830	16.00	17.00	1.00	2128054	35	779830	66	0.54	<0.2	4.93	<5	62	1	<2	1.44	<0.5	42	29	171	8.17	<2	0.19	15	2.84	820	1	1.20	43	0.16	4	<3	<10	<10	73	1.28	13	159	<10	51	128
SP21-03	779831	17.00	18.00	1.00	2128054	47	779831	131	0.98	<0.2	7.55	<5	95	1.7	<2	2.24	<0.5	47	59	90	>10.00	<2	0.32	21	3.23	988	4	1.68	91	0.17	3	<3	<10	<10	77	1.84	20	306	<10	49	185
SP21-03	779832	18.00	19.00	1.00	2128054	48	779832	102	0.39	0.2	7.34	11	15	1.1	<2	3.19	<0.5	48	63	100	>10.00	<2	0.08	22	3.85	1110	2	1.43	111	0.15	3	<3	<10	<10	71	1.66	18	277	<10	32	159
SP21-03	779833	19.00	20.00	1.00	2128054	2326	779833	608	3.54	0.4	6.29	40	21	2.3	<2	4.93	<0.5	62	74	319	>10.00	<2	0.15	32	3.33	1015	8	0.93	279	0.16	12	9	<10	<10	160	1.28	28	176	<10	35	168
SP21-03	779834	20.00	21.00	1.00	2128054	5244	779834	648	5.81	0.2	5.84	7	20	1.9	5	3.47	<0.5	77	65	268	>10.00	4	0.11	38	2.02	515	5	2.07	138	0.17	10	<3	<10	<10	108	1.35	33	100	<10	27	197
SP21-03	779835	21.00	22.00	1.00	2128054	1178	779835	236	1.24	<0.2	8.82	18	153	1.8	3	2.81	<0.5	81	37	153	>10.00	<2	0.47	36	3.57	704	6	2.83	90	0.29	<2	14	<10	<10	143	1.67	13	182	<10	34	229
SP21-03	779836	22.00	23.00	1.00	2128054	46	779836	183	2.24	0.2	8.86	<5	28	2	<2	2.13	<0.5	145	22	42	9.22	<2	0.12	61	2.51	383	3	4.53	9	0.54	3	<3	<10	11	216	1.37	16	64	<10	21	354
SP21-03	779837	23.00	24.00	1.00	2128054	46	779837	271	2.76	0.3	6.20	13	132	2.3	<2	2.43	<0.5	115	17	47	8.06	4	0.45	52	1.16	285	2	4.92	8	0.53	4	<3	<10	<10	219	1.40	12	65	<10	17	267
SP21-03	779838	24.00	25.00	1.00	2128054	10	779838	416	2.79	<0.2	7.94	8	293	2.5	<2	2.81	<0.5	130	19	44	8.61	<2	1.10	60	1.18	379	3	4.15	<1	0.61	7	<3	<10	<10	269	1.50	10	58	<10	17	201
SP21-03	779839	25.00	26.00	1.00	2128054	<5	779839	244	2.74	<0.2	9.21	<5	296	2.9	<2	2.57	<0.5	150	23	36	8.72	<2	1.30	64	1.57	414	<1	3.97	5	0.62	<2	<3	<10	<10	257	1.49	9	57	<10	19	305
SP21-03	779840	26.00	27.00	1.00	2128054	97	779840	252	1.98	<0.2	9.77	<5	176	2.6	<2	2.40	<0.5	161	22	38	9.20	<2	0.86	68	1.96	514	2	4.54	4	0.56	<2	3	<10	<10	265	1.42	6	47	<10	24	431
SP21-03	779841	27.00	28.00	1.00	2128054	84	779841	368	2.66	<0.2	9.25	<5	74	1.9	<2	1.93	<0.5	162	29	49	8.30	<2	0.48	69	1.16	289	3	6.04	8	0.34	4	<3	<10	<10	238	0.99	7	22	<10	19	367
SP21-03	779842	28.00	29.00	1.00	2128054	26	779842	443	2.84	0.2	9.26	9	31	1.9	<2	2.10	<0.5	146	35	45	8.51	<2	0.22	65	1.13	248	4	6.37	11	0.32	<2	<3	<10	<10	219	0.96	12	22	<10	20	313
SP21-03	779843	29.00	30.00	1.00	2128054	727	779843	239	2.61	<0.2	9.88	15	487	2.4	<2	2.21	<0.5	118	40	57	8.39	<2	2.12	54	1.05	497	4	4.42	30	0.32	3	<3	<10	<10	243	1.58	13	167	<10	20	216
SP21-03	779844	30.00	31.00	1.00	2128054	24	779844	200	2.11	0.3	5.76	<5	534	3.1	<2	1.27	<0.5	81	40	79	8.93	<2	2.82	37	1.11	615	2	2.83	29	0.25	6	<3	<10	11	195	1.43	10	175	<10	29	112
SP21-03	779845	31.00	32.00	1.00	2128054	10	779845	245	2.88	0.2	6.63	<5	90	2.5	<2	1.75	<0.5	125	29	43	8.09	2	0.43	56	1.08	269	2	5.10	12	0.29	2	<3	<10	<10	238	0.92	7	21	<10	18	207
SP21-03	779846	32.00	33.00	1.00	2128054	<5	779846	206	2.91	0.3	8.41	<5	93	2.2	<2	2.36	<0.5	144	31	36	8.89	6	0.41	61	1.50	416	1	4.86	10	0.36	<2	<3	<10	<10	250	1.04	7	36	<10	23	401
SP21-03	779847	33.00	34.00	1.00	2128054	80	779847	377	3.35	0.4	7.80	<5	108	2.3	<2	3.42	<0.5	129	22	35	9.08	<2	0.54	55	1.22	421	2	4.51	8	0.45	<2	<3	<10	<10	289	1.21	10	51	13	23	327
SP21-03	779848	34.00	35.00	1.00	2128054	9	779848	196	1.87	<0.2	7.84	<5	63	1.7	<2	3.82	<0.5	126	25	33	7.28	2	0.37	54	1.52	725	2	4.41	11	0.48	9	<3	<10	<10	236	1.28	11	59	<10	36	321
SP21-03	779849	35.00	36.00	1.00	2128054	12	779849	414	3.52	0.2	7.79	<5	73	1.9	<2	2.84	<0.5	91	81	126	>10.00	<2	0.41	39	2.35	560	1	3.76	84	0.34	5	4	<10	<10	188	1.30	17	123	<10	37	258
SP21-03	779850	36.00	37.00	1.00	2128054	258	779850	137	1.30	<0.2	6.20	<5	125	1.9	<2	3.17	<0.5	95	24	35	7.07	<2	0.69	44	2.09	535	1	3.43	14	0.57	<2	<3	<10	<10	218	1.42	11	73	<10	30	212
SP21-03	779851	37.00	38.00	1.00	2128054	17	779851	312	3.44	<0.2	7.08	<5	56	1.9	<2	2.82	<0.5	116	58	39	9.10	<2	0.34	53	1.59	396	1	4.55	22	0.54	2	<3	<10	<10	193	1.39	11	65	<10	24	175
SP21-03	779852	38.00	39.00	1.00	2128054	33	779852	759	6.22	0.3	7.55	<5	199	2.5	<2	2.25	<0.5	96	131	103	>10.00	<2	1.14	42	1.38	394	1	3.54	46	0.29	11	<3	11	22	312	1.09	18	90	<10	27	250
SP21-03	779853	39.00	40.00	1.00	2128054	10	779853	190	1.29	0.2	8.18	10	96	1.7	<2	4.00	<0.5	102	51	183	8.30	<2	0.65	44	3.08	1024	1	3.33	140	0.13	4	7	<10	<10	195	1.02	12	131	<10	32	296
SP21-03	779854	40.00	41.00	1.00	2128054	78	779854	60	0.43	<0.2	7.07	5	20	1.2	<2	6.16	<0.5	80	26	276	8.13	<2	0.22	35	4.18	1589	1	1.99	228	0.40	4	4	<10	<10	178	1.25	16	111	<10	38	183
SP21-03	779855	41.00	42.00	1.00	2128054	11	779855	<5	0.04	0.2	7.99	<5	52	1.8	<2	4.83	<0.5	111	27	47	8.37	<2	0.46	48	2.62	1302	1	2.92	32	0.61	<2	<3	<10	<10	437	1.51	15	87	<10	45	237
SP21-03	779856	42.00	43.00	1.00	2128054	10	779856	<5	0.02	0.2	8.04	16	83	2.1	<2	4.89	<0.5	117	26	32	8.54	<2	0.65	51	2.34	1270	<1	2.94	15	0.65	3	<3	<10	<10	621	1.56	18	81	<10	50	249
SP21-03	779857	43.00	44.00	1.00	2128054	11	779857	<5	0.03	<0.2	6.23	<5	48	1.7	<2	4.06	<0.5	86	22	62	7.47	<2	0.39	39	2.26	1157	1	2.58	24	0.53	3	<3	<10	<10	350	1.32	11	75	<10	42	189
SP21-03	779858	44.00	45.00	1.00	2128054	27	779858	66	1.25	<0.2	7.56	<5	94	1.7	<2	3.44	<0.5	107	26	29	8.85	3	0.88	47	2.40	815	1	3.40	8	0.69	8	<3	<10	18	369	1.56	11	84	<10	56	111
SP21-03	779859	45.00	46.00	1.00	2128054	23	779859	131	2.31	0.3	7.77	8	60	1.8	<2	3.32	<0.5	112	26	21	9.16	<2	0.58	48	2.37	738	2	3.54	7	0.70	2	<3	13	10	345	1.53	12	81	<10	55	238
SP21-03	779860	46.00	47.00	1.00	2128054	36	779860	37	0.75	<0.2	7.38	6	144	1.7	<2	3.96	<0.5	107	23	19	8.08	3	1.45	45	2.30	874	1	2.62	7	0.69	5	<3	<10	14	565	1.47	12	78	<10	55	216
SP21-03	779861	47.00	48.00	1.00	2128054	426	779861	131	2.09	0.2	7.31	<5	94	1.7	<2	3.45	<0.5	106	28	34	8.70	<2	0.78	44	2.07	715	1	3.40	11	0.70	<2	<3	<10	<10	392	1.47	13	79	<10	49	221
SP21-03	779862	48.00	49.00	1.00	2128054	199	779862	143	3.31	0.3	7.02	<5	118	1.5	<2	3.03	<0.5	102	35	32	9.43	<2	0.81	43	1.85	522	1	3.55	10	0.70	2	<3	<10	10	323	1.43	12	79	<10	43	219
SP21-03	779863	49.00	50.00	1.00	2128054	39	779863	206	4.70	<0.2	6.10	10	101	1.4	<2	2.64	<0.5	87	49	48	8.72	5	0.56	37	1.35	401	<1	3.33	17	0.62	3	<3	<10	12	244	1.21	10	71	<10	30	186
SP21-03	779864	50.00	51.00	1.00	2128054	23	779864	149	3.04	<0.2	5.53	<5	115	1.1	<2	2.60	<0.5	55	46	94	8.94	<2	0.78	25	2.25	546	1	2.51	42	0.43	6	<3	<10	<10	211	1.19	12	106	<10	39	99
SP21-03	779865	51.00	52.00	1.00	2128054	37	779865	6	0.06	0.2	6.44	<5	90	0.8	<2	3.30	<0.5	20	49	356	8.65	<2	0.70	9	4.69	1133	1	1.57	257	0.08	4	5	<10	13	172	1.11	14	161	<10	55	85

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-03	779866	52.00	53.00	1.00	2128054	23	MET Au	141	0.20	0.2	5.53	<5	38	0.8	<2	3.39	<0.5	19	73	597	10.00	8	0.31	9	6.61	1435	<1	0.47	586	0.09	7	3	<10	18	51	1.02	17	202	<10	64	70
SP21-03	779867	53.00	54.00	1.00	2128054	750	700	505	4.13	0.2	5.97	11	138	1.1	<2	3.75	<0.5	77	60	245	>10.00	3	1.04	37	3.48	864	1	1.34	115	0.16	8	<3	10	13	203	1.40	25	158	<10	49	166
SP21-03	779868	54.00	55.00	1.00	2128054	1972	2582	1044	8.21	0.4	5.02	<5	124	1.2	<2	2.16	<0.5	66	53	247	>10.00	<2	1.00	31	1.60	331	<1	1.93	129	0.15	12	<3	<10	<10	121	1.11	25	67	<10	35	139
SP21-03	779869	55.00	56.00	1.00	2128054	4133	3495	959	8.81	0.3	4.81	<5	185	1.2	<2	1.76	<0.5	60	47	234	>10.00	6	1.46	28	1.55	254	1	1.63	138	0.11	13	<3	<10	<10	99	1.08	26	64	<10	34	134
SP21-03	779870	56.00	57.00	1.00	2128054	3735	4003	944	6.98	0.2	4.53	6	150	1	<2	1.98	<0.5	60	37	281	>10.00	<2	1.08	31	1.45	263	1	1.78	107	0.16	12	<3	<10	<10	94	1.08	23	59	<10	29	51
SP21-03	779871	57.00	58.00	1.00	2128054	11333	11110	1199	8.36	0.5	4.82	<5	133	1.1	12	2.59	<0.5	62	44	262	>10.00	<2	1.00	30	1.61	368	<1	1.62	136	0.19	8	<3	<10	<10	115	1.09	28	63	<10	32	129
SP21-03	779872	58.00	59.00	1.00	2128054	719	5680	795	4.98	<0.2	5.45	6	173	1.2	<2	2.32	<0.5	74	39	316	>10.00	<2	2.25	37	3.26	539	<1	0.93	116	0.17	11	<3	<10	11	88	1.31	25	128	<10	50	155
SP21-03	779873	59.00	60.00	1.00	2128054	1262	1893	1264	6.90	0.3	5.44	6	139	1.5	<2	2.75	<0.5	74	46	191	>10.00	<2	1.27	37	1.88	391	1	1.72	123	0.22	8	<3	<10	<10	139	1.26	26	160	<10	41	157
SP21-03	779874	60.00	61.00	1.00	2128054	556	602	910	6.05	0.3	5.79	5	184	1.3	<2	2.77	<0.5	81	46	181	>10.00	<2	1.59	40	2.39	479	<1	1.52	114	0.23	9	<3	<10	<10	132	1.34	25	163	<10	48	177
SP21-03	779875	61.00	62.00	1.00	2128054	1747	1563	1547	8.19	0.2	5.20	18	303	1.5	<2	2.23	<0.5	84	68	195	>10.00	6	1.30	42	2.00	347	1	1.51	144	0.19	7	<3	<10	14	131	1.18	32	141	14	44	187
SP21-03	779876	62.00	63.00	1.00	2128054	481	697	820	3.94	0.2	6.21	16	96	2.6	<2	2.81	<0.5	63	46	202	>10.00	5	0.98	31	2.68	463	3	1.38	82	0.24	10	6	<10	<10	116	1.36	21	159	<10	37	132
SP21-03	779877	63.00	64.00	1.00	2128054	1071	1083	806	6.86	<0.2	3.74	<5	95	0.9	<2	1.86	<0.5	33	42	193	>10.00	9	1.07	18	1.24	150	<1	1.62	81	0.19	4	<3	<10	<10	120	1.01	21	128	<10	19	44
SP21-03	779878	64.00	65.00	1.00	2128054	847	1531	877	7.71	0.3	5.27	5	83	0.8	<2	2.53	<0.5	48	58	228	>10.00	<2	1.05	23	1.45	189	2	2.15	112	0.26	7	<3	<10	<10	112	1.22	27	187	<10	24	96
SP21-03	779879	65.00	66.00	1.00	2128054	3181	2098	1079	8.61	0.5	5.39	8	89	0.9	2	2.44	<0.5	48	58	186	>10.00	<2	1.06	23	1.37	210	1	2.17	114	0.24	6	<3	<10	11	121	1.24	30	179	<10	27	97
SP21-03	779880	66.00	67.00	1.00	2128054	2032	2719	1099	8.42	<0.2	5.28	7	89	0.8	2	2.42	<0.5	47	58	187	>10.00	5	1.03	23	1.30	204	1	2.15	111	0.23	13	<3	<10	<10	121	1.20	30	171	14	26	95
SP21-03	779881	67.00	68.00	1.00	2128054	1631	2632	575	6.04	<0.2	6.24	<5	105	1.2	<2	2.62	<0.5	65	45	195	>10.00	2	0.79	31	1.81	576	1	2.42	91	0.27	<2	<3	<10	<10	151	1.33	20	160	<10	30	129
SP21-03	779882	68.00	69.00	1.00	2128054	26	779882	33	0.62	0.2	8.11	<5	246	2.5	<2	2.92	<0.5	104	24	67	9.04	11	1.03	44	1.54	1424	1	2.86	30	0.41	2	<3	<10	<10	328	1.36	13	112	<10	48	278
SP21-03	779883	69.00	70.00	1.00	2128054	<5	779883	<5	0.11	0.3	7.44	7	75	2.2	<2	3.25	<0.5	113	20	30	8.00	<2	0.43	49	1.71	1347	2	3.17	6	0.51	<2	<3	10	<10	290	1.14	11	51	<10	58	163
SP21-03	779884	70.00	71.00	1.00	2128054	<5	779884	5	0.14	<0.2	5.60	7	74	2.1	<2	2.77	<0.5	87	18	37	7.44	6	0.30	41	2.12	1279	1	2.79	6	0.47	<2	<3	<10	<10	199	1.06	11	47	<10	72	121
SP21-03	779885	71.00	72.00	1.00	2128054	<5	779885	<5	0.02	<0.2	7.15	7	111	2.3	<2	4.18	<0.5	110	19	30	7.92	<2	0.30	47	1.88	1612	1	2.64	8	0.49	5	<3	<10	<10	428	1.09	13	50	<10	104	264
SP21-03	779886	72.00	73.00	1.00	2128054	58	779886	<5	0.03	0.3	6.93	17	226	2.5	<2	6.28	<0.5	102	18	13	7.24	4	0.89	44	1.74	1570	6	2.50	9	0.46	5	<3	11	<10	471	1.02	13	47	<10	105	207
SP21-03	779887	73.00	74.00	1.00	2128054	114	779887	<5	0.09	<0.2	3.46	88	165	1.6	<2	####	<0.5	51	8	8	3.81	<2	1.19	23	0.90	2464	16	0.94	7	0.21	<2	9	<10	<10	617	0.46	7	23	<10	60	111
SP21-03	779888	74.00	75.00	1.00	2128054	<5	779888	<5	0.02	0.2	8.23	5	294	2.9	<2	4.34	<0.5	133	21	13	9.12	<2	0.92	56	2.14	1368	3	2.79	4	0.58	8	<3	<10	16	465	1.27	12	58	<10	152	310
SP21-03	779889	75.00	76.50	1.50	2128054	9	779889	9	0.05	0.3	7.80	20	204	2.6	<2	4.82	<0.5	134	22	16	8.74	9	0.76	57	1.94	1433	1	2.45	8	0.58	5	<3	<10	20	565	1.25	12	56	<10	130	337
SP21-03	779890	76.50	78.00	1.50	2128054	7	779890	<5	0.04	<0.2	6.39	<5	255	2.3	<2	3.83	<0.5	100	18	10	8.02	3	0.89	46	1.84	1243	1	2.14	9	0.50	<2	<3	11	<10	436	1.07	15	49	<10	139	72
SP21-03	779891	78.00	79.50	1.50	2128054	<5	779891	5	0.04	<0.2	7.20	<5	283	2.4	<2	3.84	<0.5	112	17	17	7.93	7	1.02	50	1.78	1439	1	2.29	2	0.53	<2	<3	<10	<10	532	1.13	11	51	<10	143	120
SP21-03	779892	79.50	81.00	1.50	2128054	7	779892	6	0.05	0.3	7.10	10	250	2.2	<2	3.47	<0.5	109	18	18	7.93	7	1.11	45	1.86	1321	14	2.09	3	0.51	<2	<3	<10	<10	488	1.05	11	49	<10	129	257
SP21-03	779893	81.00	82.50	1.50	2128054	<5	779893	<5	0.01	0.2	6.84	7	253	2.1	<2	3.67	<0.5	106	17	23	7.54	7	1.06	44	1.75	1523	1	1.92	9	0.51	<2	<3	<10	10	543	1.04	9	47	<10	119	262
SP21-03	779894	82.50	84.00	1.50	2128054	<5	779894	66	0.20	0.2	6.10	11	171	1.3	<2	3.06	<0.5	44	82	574	>10.00	10	0.61	19	3.68	1662	2	0.57	597	0.18	5	13	<10	<10	179	1.15	16	149	<10	165	133
SP21-03	779895	84.00	85.20	1.20	2128054	<5	779895	24	0.05	0.4	6.56	8	195	2.2	<2	1.66	<0.5	93	32	156	7.68	8	0.91	34	2.08	1214	2	2.09	134	0.10	<2	4	<10	<10	142	0.83	7	90	<10	92	390
SP21-03	779896	86.60	88.00	1.40	2128054	11	779896	39	0.26	0.5	6.94	6	139	3	<2	1.89	<0.5	112	31	152	8.62	<2	0.57	42	1.75	1344	2	2.43	136	0.11	<2	<3	<10	11	216	0.96	8	108	<10	103	441
SP21-03	779897	88.00	89.50	1.50	2128054	6	779897	29	0.06	<0.2	5.54	11	89	1	<2	3.03	<0.5	16	69	699	8.98	<2	0.36	9	4.05	1413	<1	0.57	473	0.05	4	5	<10	15	163	1.03	15	146	<10	130	18
SP21-03	779898	89.50	91.00	1.50	2128054	7	779898	22	0.02	<0.2	6.23	18	114	0.9	<2	4.53	<0.5	29	51	201	8.35	<2	0.66	13	3.30	1605	21	0.87	157	0.12	<2	<3	17	<10	274	1.26	15	225	<10	113	101
SP21-03	779899	91.00	92.50	1.50	2128054	7	779899	92	0.06	<0.2	6.02	19	114	1.2	<2	4.45	<0.5	53	56	336	8.07	4	0.52	23	4.08	2050	1	1.27	428	0.19	<2	<3	<10	<10	170	1.11	15	150	<10	144	140
SP21-03	779900	92.50	93.50	1.00	2128054	<5	779900	22	0.26	<0.2	6.78	9	464	1.6	<2	5.88	<0.5	78	28	33	7.43	<2	1.80	36	1.59	1954	2	2.12	17	0.35	<2	<3	12	11	452	1.28	10	109	<10	103	156
SP21-03	794001	93.50	94.50	1.00	2128054	16	794001	22	0.42	<0.2	6.37	7	221	1.3	<2	4.22	<0.5	61	31	45	8.62	<2	0.98	26	1.83	1943	1	1.99	21	0.24	2	<3	<10	<10	256	1.42	11	152	<10	121	174
SP21-03	794002	94.50	95.50	1.00	2128054	<5	794002	33	0.83	0.2	6.60	16	72	1.3	<2	2.39	<0.5	66	25	35	8.00	<2	0.38	26	1.68	1452	1	2.64	13	0.27	<2	<3	11	19	125	1.19	8	112	<10	89	245
SP21-03	794003	95.50	96.50	1.00	2128054	5	794003	14	0.49	<0.2	6.75	<5	133	1.5	<2	2.18	<0.5	66	25	50	8.09	<2	0.63	26	1.32	1122	1	2.96	11	0.26	4	<3	<10	<10	153	0.94	9	66	<10	128	173
SP21-03	794004	96.50	97.50	1.00	2128054	<5	794004	45	0.99	0.2	8.05	<5	194	1.8	<2	2.13	<0.5	79	24	73	7.94	<2	0.74	31	1.30	1317	2	3.59	10	0.26	2	<3	<10	<10	178	0.85	9	80	<10	93	311
SP21-03	794005	97.50	98.50	1.00	2128054	<5	794005	27	0.02	0.3	8.57	<5	182	1.4	<2	3.41	<0.5	46	47	75	9.29	<2	0.61	20	3.74	1768	2	1.83	52	0.15	<2	<3	12	12	166	1.59	19	274	<10	130	168

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-03	794006	98.50	99.50	1.00	2128054	7	794006	62	0.01	0.2	7.96	<5	76	1	<2	6.07	<0.5	32	46	54	8.45	2	0.35	15	3.25	1406	1	1.85	47	0.11	<2	<3	<10	13	317	1.47	16	286	<10	99	116
SP21-03	794007	99.50	100.50	1.00	2128054	7	794007	69	0.03	<0.2	8.61	<5	105	1	<2	5.61	<0.5	46	57	156	9.76	<2	0.43	20	2.93	1468	1	2.13	141	0.15	5	<3	<10	14	347	1.73	18	288	<10	122	159
SP21-03	794008	141.50	143.00	1.50	2128054	<5	794008	68	0.22	0.3	7.83	<5	299	1.2	<2	4.83	<0.5	71	44	115	8.83	4	1.07	29	2.76	1234	1	2.26	83	0.11	4	<3	11	11	237	1.27	13	236	<10	114	317
SP21-03	794009	143.00	144.50	1.50	2128054	8	794009	83	0.17	0.3	7.40	<5	148	1	<2	5.51	<0.5	43	48	137	8.44	<2	0.79	18	2.70	1384	3	1.89	84	0.12	6	<3	<10	21	212	1.49	17	287	<10	121	168
SP21-03	794010	144.50	146.00	1.50	2128054	<5	794010	49	0.16	0.2	6.67	<5	185	0.9	<2	6.16	<0.5	36	47	278	7.65	3	0.88	19	2.51	1558	1	1.97	141	0.13	2	<3	<10	25	207	1.24	22	195	<10	103	69
SP21-03	794011	146.00	147.50	1.50	2128054	5	794011	64	0.28	0.2	6.13	<5	59	0.6	<2	3.60	<0.5	22	64	488	8.17	<2	0.64	11	7.16	1483	1	0.15	410	0.07	7	<3	<10	<10	66	1.00	17	252	<10	129	66
SP21-03	794012	147.50	149.00	1.50	2128054	<5	794012	13	0.10	0.3	9.26	16	259	1	<2	2.64	<0.5	38	62	447	>10.00	<2	1.19	19	8.28	2036	1	0.37	410	0.15	8	<3	<10	24	87	1.30	20	527	<10	321	126
SP21-03	794013	149.00	150.50	1.50	2128054	<5	794013	41	0.44	<0.2	8.39	7	428	3	<2	3.08	<0.5	78	21	142	4.79	<2	1.61	37	2.21	953	2	2.48	47	0.11	20	<3	<10	<10	335	0.57	9	195	<10	105	132
SP21-03	794014	150.50	152.00	1.50	2128054	<5	794014	150	1.00	<0.2	9.81	<5	427	3.6	<2	1.94	<0.5	92	32	139	6.35	<2	2.30	45	2.07	1186	16	3.42	101	0.15	23	<3	<10	15	382	0.78	20	541	<10	108	144
SP21-03	794015	152.00	153.50	1.50	2128054	<5	794015	162	1.38	0.2	9.54	5	334	3.8	<2	1.51	<0.5	103	31	141	6.37	<2	2.08	50	1.85	2967	21	3.58	82	0.11	18	<3	<10	<10	346	0.63	20	502	<10	110	117
SP21-03	794016	153.50	155.00	1.50	2128054	<5	794016	136	1.37	0.5	7.64	10	355	2	<2	1.97	1.2	60	41	247	6.62	<2	2.14	30	3.39	1618	11	1.18	169	0.12	12	<3	12	<10	107	0.71	16	355	<10	138	78
SP21-03	794017	155.00	156.50	1.50	2128054	<5	794017	68	0.67	0.4	7.48	<5	342	1.9	<2	2.38	0.8	46	31	300	5.71	<2	2.53	24	2.37	1389	7	1.31	91	0.08	14	3	12	10	143	0.66	13	258	<10	108	82
SP21-03	794018	156.50	158.00	1.50	2128054	<5	794018	88	0.97	0.3	8.22	<5	416	2.5	<2	1.81	<0.5	72	26	139	5.42	<2	3.55	34	1.67	1284	7	1.03	66	0.06	17	<3	<10	<10	86	0.53	13	236	<10	117	99
SP21-03	794019	158.00	159.50	1.50	2128054	7	794019	95	1.13	0.3	8.06	13	408	2.2	<2	1.84	1	74	25	135	5.44	<2	3.41	38	1.82	829	10	0.80	64	0.08	17	<3	<10	<10	69	0.54	19	333	<10	134	98
SP21-03	794020	159.50	161.00	1.50	2128054	<5	794020	77	0.03	<0.2	6.49	9	45	<0.5	<2	7.34	<0.5	7	44	110	7.73	4	0.47	5	4.22	1368	<1	0.81	49	0.05	9	<3	<10	17	103	0.86	19	297	<10	83	47
SP21-03	794021	161.00	162.50	1.50	2128054	<5	794021	89	0.16	0.2	7.82	<5	304	1.4	<2	6.18	<0.5	54	39	128	6.93	<2	1.94	24	2.97	1995	2	0.94	56	0.05	14	<3	10	<10	98	0.71	16	186	<10	91	78
SP21-03	794022	162.50	164.00	1.50	2128054	<5	794022	68	0.17	<0.2	6.92	10	192	1.1	<2	6.90	<0.5	34	36	98	6.83	<2	1.82	18	3.11	2152	2	0.59	50	0.04	8	<3	<10	15	75	0.65	16	215	<10	91	63
SP21-03	794023	164.00	165.50	1.50	2128054	<5	794023	89	0.72	0.2	8.58	11	403	2.5	<2	2.27	<0.5	86	29	117	5.42	<2	4.00	43	1.82	1004	7	0.63	51	0.08	22	<3	<10	15	48	0.53	15	235	<10	114	92
SP21-03	794024	165.50	167.00	1.50	2128054	<5	794024	83	0.73	<0.2	8.52	13	315	2.3	<2	2.99	<0.5	67	31	202	6.46	<2	3.39	33	2.19	1819	6	0.92	71	0.07	20	4	<10	<10	58	0.58	13	241	<10	119	89
SP21-03	794025	167.00	168.50	1.50	2128054	<5	794025	85	0.65	<0.2	8.35	<5	451	1.8	4	6.42	<0.5	62	35	115	6.24	<2	2.99	31	2.35	1676	6	1.00	57	0.06	14	<3	14	<10	99	0.63	21	279	<10	112	94
SP21-03	794026	168.50	170.00	1.50	2128054	<5	794026	77	0.05	<0.2	6.92	8	335	0.5	2	5.57	<0.5	9	48	122	8.29	<2	0.67	5	3.82	1594	1	1.13	60	0.05	13	<3	<10	<10	80	0.83	18	316	<10	90	36
SP21-03	794027	170.00	171.50	1.50	2128054	<5	794027	65	0.18	<0.2	7.71	<5	462	1.4	<2	5.53	<0.5	57	38	192	6.61	<2	2.38	26	2.65	2205	3	1.24	62	0.06	13	<3	<10	15	95	0.64	13	208	<10	90	82
SP21-03	794028	171.50	173.00	1.50	2128054	<5	794028	63	0.05	<0.2	6.10	9	152	0.8	<2	6.59	<0.5	26	35	96	6.51	<2	0.63	12	3.09	1764	1	1.25	44	0.04	11	<3	12	12	92	0.65	17	208	<10	76	58
SP21-03	794029	173.00	174.50	1.50	2128054	<5	794029	79	0.32	<0.2	6.97	14	233	0.9	<2	4.04	<0.5	33	47	129	6.92	<2	0.69	17	2.97	1566	4	1.99	58	0.05	10	3	<10	<10	109	0.67	17	280	<10	100	65
SP21-03	794030	174.50	175.70	1.20	2128054	<5	794030	75	0.21	<0.2	8.59	11	355	1.1	<2	8.08	<0.5	41	50	283	9.45	<2	1.76	19	4.05	1994	2	1.95	104	0.17	12	<3	<10	<10	173	1.24	19	306	<10	107	121
SP21-03	794031	175.70	176.90	1.20	2128054	<5	794031	63	0.16	<0.2	6.15	7	116	0.9	<2	8.47	<0.5	17	41	176	7.15	<2	1.26	9	3.24	2428	1	0.88	52	0.05	13	<3	15	18	141	0.71	18	263	<10	86	56
SP21-03	794032	176.90	178.80	1.90	2128054	5	794032	54	1.00	<0.2	5.27	16	279	1.3	<2	2.29	<0.5	46	16	313	4.12	<2	2.19	23	1.00	1041	6	0.54	40	0.05	15	4	<10	11	79	0.29	12	121	<10	79	68
SP21-03	794033	178.80	179.00	0.20	2128054	<5	794033	123	2.51	0.3	8.48	12	527	2.8	<2	2.20	1.8	97	31	150	6.21	<2	4.33	48	1.31	1469	16	0.83	94	0.10	25	<3	12	<10	103	0.60	24	434	<10	183	122
SP21-03	794034	179.00	180.50	1.50	2128054	<5	794034	37	0.38	<0.2	6.90	13	473	1.7	2	8.28	<0.5	77	30	88	6.58	<2	3.16	37	1.20	1016	1	0.97	33	0.22	8	<3	<10	17	176	1.26	19	135	<10	93	183
SP21-03	794035	180.50	182.00	1.50	2128054	<5	794035	23	0.03	<0.2	7.35	<5	364	1.7	3	8.73	<0.5	83	33	69	7.20	<2	2.86	38	1.21	791	2	1.17	27	0.22	5	<3	<10	<10	185	1.50	18	133	<10	86	217
SP21-03	794036	182.00	183.50	1.50	2128054	<5	794036	33	0.03	<0.2	6.39	9	282	1.3	2	####	<0.5	77	32	75	6.70	<2	2.14	36	1.06	1018	1	1.27	35	0.27	7	<3	<10	14	193	1.26	18	118	<10	80	192
SP21-03	794037	183.50	185.00	1.50	2128054	<5	794037	17	0.02	<0.2	3.66	10	271	0.8	<2	3.67	<0.5	39	14	72	3.46	<2	1.37	18	0.61	627	1	0.41	22	0.14	<2	<3	<10	<10	86	0.63	8	50	<10	42	78
SP21-03	794038	185.00	186.50	1.50	2128054	<5	794038	17	0.02	<0.2	7.92	<5	409	2	<2	9.15	<0.5	100	27	84	6.86	<2	2.73	47	1.33	1206	2	1.70	7	0.34	6	<3	<10	<10	254	1.41	18	108	<10	93	202
SP21-03	794039	186.50	188.00	1.50	2128054	<5	794039	53	0.16	<0.2	7.75	12	381	1.9	2	7.79	<0.5	90	29	132	6.53	<2	2.48	42	1.53	1595	2	1.63	38	0.25	3	<3	<10	<10	237	1.22	19	176	<10	99	209
SP21-03	794040	188.00	189.50	1.50	2128054	<5	794040	25	0.03	<0.2	6.92	<5	341	1.3	2	####	<0.5	68	40	123	7.55	<2	2.07	31	1.20	1223	1	1.44	102	0.20	6	<3	<10	<10	257	1.76	16	150	<10	84	180
SP21-03	794041	189.50	191.00	1.50	2128054	<5	794041	34	0.09	<0.2	7.74	6	426	1.6	4	6.49	<0.5	92	41	142	7.39	<2	2.60	42	2.39	1897	1	1.01	75	0.31	7	<3	<10	10	180	1.63	18	168	<10	104	242
SP21-03	794042	191.00	192.50	1.50	2128054	<5	794042	16	0.09	<0.2	6.22	17	314	1.4	<2	####	<0.5	59	41	213	6.85	<2	2.03	28	1.42	1635	1	0.68	153	0.16	9	<3	12	19	199	1.21	20	105	<10	80	162
SP21-03	794043	192.50	194.00	1.50	2128054	<5	794043	44	0.17	<0.2	7.50	<5	346	1.7	<2	3.92	<0.5	80	34	111	6.85	<2	2.34	38	1.76	1583	1	0.98	55	0.13	11	<3	<10	<10	134	1.15	16	132	<10	93	156
SP21-03	794044	194.00	195.50	1.50	2128054	<5	794044	66	0.53	<0.2	5.79	7	354	2.3	<2	2.04	0.7	67	34	170	6.42	<2	2.22	34	1.41	2247	4	1.16	41	0.12	21	<3	<10	<10	94	0.99	16	173	<10	112	102
SP21-03	794045	195.50	197.00	1.50	2128054	10	794045	64	0.45	<0.2	10.19	12	462	2.3	<2	0.61	<0.5	100	28	102	6.25	<2	3.25	45	1.46	1731	3	0.82	49	0.06	18	<3	<10	<10	69	0.52	8	143	<10	105	108

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-03	794046	197.00	198.50	1.50	2128054	<5	794046	69	0.78	<0.2	8.57	23	459	2.5	<2	1.07	<0.5	84	31	211	5.95	<2	3.35	39	1.66	2257	7	1.06	54	0.09	23	<3	<10	<10	106	0.58	13	206	<10	122	125
SP21-03	794047	198.50	200.00	1.50	2128054	<5	794047	64	0.60	<0.2	8.86	20	379	2.1	<2	1.80	<0.5	81	35	209	6.36	<2	2.67	38	1.82	2592	4	1.77	74	0.11	24	<3	13	16	192	0.88	10	202	<10	103	111
SP21-03	794048	200.00	201.50	1.50	2128054	<5	794048	92	1.21	<0.2	8.85	22	544	2.6	<2	1.68	0.7	99	34	262	6.41	<2	3.70	47	1.53	3054	8	0.88	66	0.09	25	<3	<10	<10	122	0.56	14	242	<10	135	114
SP21-03	794049	201.50	203.00	1.50	2128054	<5	794049	80	1.32	<0.2	8.66	25	512	2.6	<2	0.97	<0.5	99	30	200	6.27	<2	3.32	44	1.50	3909	6	1.17	59	0.08	18	<3	11	<10	112	0.53	10	204	<10	123	111
SP21-03	794050	203.00	204.50	1.50	2128054	13	794050	108	1.60	<0.2	9.29	8	493	3	<2	0.98	1.1	87	30	126	6.32	<2	3.06	40	1.44	3746	7	1.07	62	0.08	46	<3	12	<10	138	0.51	11	265	<10	150	99
SP21-03	794051	204.50	206.00	1.50	2128054	9	794051	110	1.66	0.2	8.96	9	585	3	<2	0.67	1.4	99	38	107	7.15	<2	3.72	45	1.47	3020	16	0.88	88	0.12	24	<3	<10	<10	107	0.57	18	377	<10	172	114
SP21-03	794052	206.00	207.50	1.50	2128054	5	794052	82	0.85	0.2	9.67	7	589	2.9	<2	1.10	<0.5	97	35	116	6.69	<2	3.76	45	1.73	3413	6	1.07	68	0.08	23	<3	10	11	136	0.59	11	234	<10	132	120
SP21-03	794053	207.50	209.00	1.50	2128054	<5	794053	76	0.85	0.2	8.50	<5	506	2.7	<2	1.20	<0.5	88	36	125	6.35	<2	3.25	41	1.55	3861	6	0.95	60	0.10	29	<3	12	<10	114	0.56	10	225	<10	128	120
SP21-03	794054	209.00	210.50	1.50	2128054	5	794054	81	0.90	<0.2	8.48	5	545	2.6	<2	1.76	1	90	31	168	6.25	<2	3.38	42	1.62	2582	7	0.99	59	0.10	24	<3	10	<10	152	0.64	17	242	<10	139	123
SP21-03	794055	210.50	212.00	1.50	2128054	5	794055	89	1.00	<0.2	8.46	14	561	2.8	<2	0.99	0.6	89	34	211	6.51	<2	3.46	41	1.37	2682	9	0.80	63	0.08	39	<3	12	10	122	0.63	12	230	<10	134	129
SP21-03	794056	212.00	213.50	1.50	2128054	<5	794056	115	0.75	<0.2	8.05	19	428	2.2	2	2.79	<0.5	67	45	349	7.67	<2	2.62	31	1.60	5813	6	1.11	126	0.10	24	<3	<10	<10	219	0.85	16	215	<10	121	115
SP21-03	794057	213.50	215.00	1.50	2128054	<5	794057	87	1.12	<0.2	9.91	9	562	2.7	<2	0.85	0.7	88	30	199	6.35	<2	3.37	39	1.42	2596	9	0.83	63	0.08	29	<3	13	<10	115	0.52	12	243	<10	121	105
SP21-03	794058	215.00	216.50	1.50	2128054	<5	794058	77	0.68	<0.2	7.99	9	472	2.2	<2	2.90	0.6	77	33	118	5.74	<2	3.00	37	1.97	2211	5	0.82	76	0.08	25	<3	<10	<10	160	0.56	15	204	<10	110	108
SP21-03	794059	216.50	218.00	1.50	2128054	5	794059	75	0.71	<0.2	8.77	9	528	2.6	<2	0.93	<0.5	91	34	95	6.50	<2	3.50	40	1.63	3213	6	0.67	61	0.08	24	<3	<10	<10	99	0.55	10	203	<10	118	112
SP21-03	794060	218.00	219.50	1.50	2128054	<5	794060	83	1.16	0.2	8.61	5	467	2.8	<2	1.16	0.6	93	30	97	6.14	<2	3.85	44	1.64	1570	8	0.64	70	0.16	21	<3	<10	<10	99	0.66	11	211	<10	136	129
SP21-03	794061	219.50	221.00	1.50	2128054	<5	794061	72	0.73	<0.2	8.02	8	362	2	<2	3.88	0.6	83	36	126	6.96	<2	2.75	39	2.00	2589	4	0.90	92	0.19	22	<3	<10	12	185	0.87	18	213	<10	115	145
SP21-03	794062	221.00	222.50	1.50	2128054	5	794062	87	0.79	<0.2	9.16	6	541	2.6	<2	1.29	0.6	90	36	192	6.81	<2	3.60	41	1.72	2431	8	0.84	70	0.12	20	<3	11	12	108	0.68	15	264	<10	131	125
SP21-03	794063	222.50	224.00	1.50	2128054	<5	794063	87	0.84	<0.2	8.72	10	513	2.6	2	1.25	0.6	88	36	179	6.49	<2	3.52	40	1.70	2359	8	0.82	68	0.12	17	<3	<10	11	106	0.67	15	259	<10	130	123
SP21-03	794064	224.00	225.50	1.50	2128054	<5	794064	62	0.64	<0.2	10.30	5	553	2.6	<2	0.66	0.7	81	27	169	5.82	<2	3.32	35	1.42	1760	6	1.04	50	0.06	16	<3	<10	12	103	0.54	10	187	<10	110	115
SP21-03	794065	225.50	227.00	1.50	2128054	<5	794065	79	0.87	<0.2	10.76	15	606	3	<2	0.56	0.7	96	34	121	6.58	<2	3.81	44	1.44	3138	7	0.93	65	0.06	26	<3	12	<10	94	0.54	10	231	<10	142	112
SP21-03	794066	227.00	228.50	1.50	2128054	<5	794066	100	1.19	<0.2	9.80	15	606	2.8	2	1.79	0.7	93	48	166	7.73	<2	3.90	43	1.93	2919	7	1.19	120	0.10	23	<3	10	<10	204	0.81	16	277	<10	147	132
SP21-03	794067	228.50	230.00	1.50	2128054	<5	794067	71	0.66	<0.2	8.11	43	458	2.2	2	2.65	0.6	73	37	361	6.23	<2	3.03	35	2.54	2287	6	0.86	194	0.08	17	<3	17	14	175	0.58	15	204	<10	116	114
SP21-03	794068	230.00	231.00	1.00	2128054	<5	794068	77	0.78	<0.2	7.76	<5	465	2.5	<2	1.54	<0.5	77	26	320	5.45	<2	3.14	36	1.52	1503	8	0.91	55	0.08	26	4	11	15	143	0.54	14	203	<10	112	112
SP21-03	794069	231.00	232.50	1.50	2128054	7	794069	77	1.46	<0.2	9.03	6	482	2.8	<2	0.95	<0.5	87	31	163	6.85	<2	4.02	42	1.65	1205	5	0.87	63	0.11	22	<3	<10	<10	94	0.75	15	216	<10	123	126
SP21-03	794070	232.50	234.00	1.50	2128054	<5	794070	67	0.53	<0.2	6.53	8	317	2.3	<2	1.65	<0.5	67	29	162	6.34	<2	2.47	33	1.58	2022	4	1.12	56	0.11	24	<3	<10	<10	104	0.77	12	163	<10	108	106
SP21-03	794071	234.00	235.50	1.50	2128054	<5	794071	75	0.88	<0.2	8.88	7	432	2.7	<2	2.56	0.7	86	31	206	6.43	<2	3.54	41	1.79	4396	7	0.75	59	0.06	29	<3	<10	<10	93	0.52	10	201	<10	127	103
SP21-03	794072	235.50	237.00	1.50	2128054	<5	794072	66	0.63	<0.2	7.50	8	333	2	2	5.70	<0.5	75	34	211	6.50	<2	2.83	36	2.03	1994	6	0.57	85	0.16	16	<3	<10	<10	167	0.99	18	197	<10	99	134
SP21-03	794073	237.00	238.50	1.50	2128054	<5	794073	44	0.15	<0.2	6.37	<5	176	1.3	<2	6.31	<0.5	55	40	267	7.11	<2	1.77	26	2.08	1421	2	0.74	99	0.20	11	<3	<10	<10	144	1.26	20	183	<10	90	143
SP21-03	794074	238.50	240.00	1.50	2128054	<5	794074	80	0.14	<0.2	7.73	9	78	1.1	<2	4.74	<0.5	42	55	255	9.33	<2	1.14	18	2.14	1473	1	1.66	162	0.16	6	<3	<10	13	116	1.83	17	338	<10	116	136
SP21-03	794075	240.00	241.50	1.50	2128054	<5	794075	66	0.10	<0.2	8.08	<5	96	1.1	<2	2.64	<0.5	53	48	278	9.05	<2	1.99	22	1.47	1178	2	1.38	145	0.19	4	<3	<10	<10	79	2.01	16	309	17	113	203
SP21-03	794076	241.50	243.00	1.50	2128054	<5	794076	53	0.20	<0.2	8.83	7	147	1.6	<2	2.38	<0.5	73	37	289	8.08	<2	2.99	32	1.24	1145	4	0.99	112	0.25	2	<3	16	<10	75	1.75	14	251	11	110	137
SP21-03	794077	243.00	244.50	1.50	2128054	<5	794077	47	0.08	<0.2	7.40	10	110	1.9	<2	5.34	0.5	76	46	286	7.64	<2	0.75	37	3.10	1449	4	1.47	154	0.23	4	<3	<10	10	169	1.21	16	171	<10	90	148
SP21-03	794078	244.50	245.50	1.00	2128054	<5	794078	34	0.03	<0.2	6.78	6	139	1.4	2	7.81	<0.5	65	36	55	8.08	<2	1.48	29	1.86	1200	<1	2.93	35	0.23	4	<3	<10	10	209	1.61	19	165	<10	101	185
SP21-03	794079	245.50	247.00	1.50	2128054	<5	794079	87	0.05	<0.2	5.75	<5	100	0.7	3	7.31	<0.5	23	59	378	7.85	<2	0.49	12	6.39	1290	2	1.45	375	0.10	3	<3	13	<10	171	1.21	22	235	<10	89	73
SP21-03	794080	247.00	248.50	1.50	2128054	<5	794080	53	0.01	<0.2	5.80	<5	71	0.6	2	5.87	<0.5	19	68	442	8.27	<2	0.25	10	7.59	1306	2	1.22	437	0.08	5	<3	<10	<10	135	1.08	20	245	<10	89	50
SP21-03	794081	248.50	251.00	2.50	2128054	<5	794081	87	0.03	<0.2	5.29	13	83	0.6	2	5.92	<0.5	18	79	609	8.40	<2	0.32	9	7.62	1273	1	1.11	650	0.08	6	<3	<10	<10	117	0.99	19	216	<10	90	41
SP21-04	794082	27.00	28.00	1.00	2128054	<5	794082	31	0.18	<0.2	5.86	23	30	0.7	4	4.94	<0.5	18	108	1034	>10.00	<2	0.17	9	6.19	1563	1	1.10	957	0.07	8	6	11	19	123	1.08	23	193	<10	55	56
SP21-04	794083	28.00	29.00	1.00	2128054	11	794083	24	0.09	<0.2	6.54	9	71	1.2	<2	4.81	<0.5	22	78	869	>10.00	<2	0.35	12	2.93	1504	6	1.45	698	0.08	6	77	<10	12	226	1.23	20	242	<10	50	69
SP21-04	794084	29.00	30.00	1.00	2128054	<5	794084	27	0.24	<0.2	5.82	<5	61	0.8	2	4.61	<0.5	20	75	794	9.46	5	0.35	10	3.81	1450	1	0.93	665	0.08	4	<3	<10	<10	129	1.10	21	221	<10	51	74
SP21-04	794085	30.00	31.00	1.00	2128054	7	794085	155	1.04	<0.2	6.82	<5	28	1	<2	2.97	<0.5	27	96	466	>10.00	<2	0.15	13	4.73	1276	2	1.21	421	0.09	10	<3	<10	<10	98	1.23	21	274	<10	52	88

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-04	794086	31.00	32.00	1.00	2128054	<5	794086	299	1.38	<0.2	5.53	<5	<5	1.5	<2	2.72	<0.5	15	123	1697	>10.00	2	0.04	9	6.91	1455	2	0.04	**0.12%**	0.05	10	7	<10	<10	13	1.03	25	171	<10	68	49
SP21-04	794087	32.00	33.00	1.00	2128054	7	794087	25	0.08	<0.2	8.08	<5	11	1.4	<2	1.66	<0.5	29	61	442	>10.00	6	0.11	13	5.45	1289	1	1.47	401	0.09	<2	<3	<10	<10	84	1.57	17	195	<10	56	100
SP21-04	794088	33.00	34.00	1.00	2128054	<5	794088	107	0.41	<0.2	7.15	<5	9	0.8	<2	1.60	<0.5	28	81	693	>10.00	<2	0.04	13	6.14	1371	1	0.64	580	0.09	6	<3	<10	<10	40	1.35	17	198	<10	66	81
SP21-04	794089	46.50	48.00	1.50	2128054	54	794089	284	1.74	<0.2	7.51	7	68	1.4	<2	2.79	<0.5	68	51	554	>10.00	<2	0.23	32	4.20	1011	2	2.46	326	0.19	8	<3	<10	<10	240	1.35	17	150	<10	188	158
SP21-04	794090	48.00	49.00	1.00	2128054	3782	794090	813	7.20	0.2	5.72	<5	166	1.3	2	2.32	<0.5	58	83	257	>10.00	3	0.89	30	1.56	339	1	2.32	164	0.16	13	<3	<10	11	264	1.32	28	126	<10	70	92
SP21-04	794091	49.00	50.00	1.00	2128054	2185	794091	979	7.17	0.2	5.19	<5	216	1.1	6	2.25	<0.5	59	92	281	>10.00	8	1.12	30	1.52	302	1	1.99	161	0.14	17	<3	<10	<10	283	1.24	34	113	<10	51	125
SP21-04	794092	50.00	51.00	1.00	2128054	374	794092	798	5.00	<0.2	6.56	7	261	1.4	<2	2.67	<0.5	82	68	254	>10.00	<2	1.21	39	1.71	342	1	2.73	110	0.14	11	<3	<10	<10	334	1.46	23	94	<10	30	156
SP21-04	794093	51.00	52.00	1.00	2128054	1004	794093	420	3.00	<0.2	7.76	6	223	2	<2	3.32	<0.5	89	44	115	>10.00	<2	1.13	42	1.87	347	1	3.73	65	0.25	<2	<3	<10	<10	411	1.52	21	95	<10	24	198
SP21-04	794094	52.00	53.00	1.00	2128054	447	794094	269	1.97	<0.2	8.23	6	172	2	<2	3.47	<0.5	109	36	89	9.69	<2	0.72	52	2.11	640	1	3.85	58	0.26	7	<3	<10	<10	441	1.49	20	115	<10	35	203
SP21-04	794095	53.00	54.00	1.00	2128054	9	794095	24	0.21	<0.2	8.14	<5	24	0.9	2	2.23	<0.5	31	74	523	>10.00	4	0.13	15	5.73	1408	<1	1.35	463	0.10	8	<3	<10	<10	109	1.53	18	294	<10	64	88
SP21-04	794096	54.00	55.00	1.00	2128054	<5	794096	142	0.81	<0.2	6.93	7	18	0.8	<2	3.24	<0.5	37	74	775	>10.00	<2	0.11	18	4.85	1351	1	1.34	436	0.12	2	12	<10	<10	129	1.29	21	214	<10	60	92
SP21-04	794097	55.00	56.00	1.00	2128054	<5	794097	119	0.87	<0.2	6.97	14	27	0.9	<2	2.89	<0.5	32	67	549	>10.00	<2	0.11	16	4.15	1198	1	1.48	375	0.11	9	<3	<10	<10	151	1.33	17	217	<10	56	46
SP21-04	794098	56.00	57.50	1.50	2128054	5	794098	58	0.37	<0.2	7.21	<5	38	1	2	3.87	0.5	43	58	279	9.23	6	0.23	20	4.00	1282	2	1.85	284	0.14	6	<3	<10	<10	184	1.41	16	201	<10	57	103
SP21-04	794099	57.50	59.00	1.50	2128054	<5	794099	6	0.05	<0.2	8.13	<5	75	1.3	<2	5.34	<0.5	71	36	50	8.55	<2	0.42	34	3.50	1272	2	2.69	25	0.22	11	<3	<10	<10	328	1.74	17	175	<10	65	163
SP21-04	794100	59.00	60.50	1.50	2128204	15	794100	7	0.08	<0.2	8.41	6	168	1.7	3	5.31	<0.5	88	27	31	8.25	<2	0.78	43	2.75	1210	1	3.15	11	0.31	5	<3	<10	18	455	1.62	19	114	<10	60	116
SP21-04	794101	60.50	62.00	1.50	2128204	41	794101	13	0.13	<0.2	8.12	<5	398	1.6	<2	5.06	<0.5	72	26	45	8.52	3	1.25	36	2.59	1265	2	2.71	24	0.24	<2	<3	<10	<10	511	1.67	21	156	<10	64	79
SP21-04	794102	62.00	63.50	1.50	2128204	<5	794102	38	0.10	<0.2	7.82	8	256	1.4	2	7.64	<0.5	66	33	47	7.91	11	1.03	33	2.69	1638	<1	2.32	30	0.20	8	<3	<10	<10	650	1.61	19	165	<10	67	65
SP21-04	794103	63.50	65.00	1.50	2128204	272	794103	54	0.22	<0.2	7.91	12	257	1.4	2	7.44	0.6	65	33	47	7.40	3	0.87	33	2.59	1682	1	2.76	33	0.21	3	<3	<10	16	560	1.64	16	164	<10	63	69
SP21-04	794104	65.00	66.00	1.00	2128204	116	794104	20	0.19	<0.2	8.00	<5	338	1.5	4	6.38	<0.5	66	34	46	7.93	<2	1.26	33	2.69	1574	1	2.23	28	0.21	4	<3	<10	21	710	1.69	17	173	<10	70	58
SP21-04	794105	66.00	67.00	1.00	2128204	312	794105	268	2.04	<0.2	8.12	14	290	1.2	<2	4.93	<0.5	68	40	59	>10.00	2	1.07	34	2.77	1230	1	2.76	31	0.22	6	<3	<10	<10	579	1.74	21	176	<10	65	88
SP21-04	794106	67.00	68.00	1.00	2128204	<5	794106	37	0.31	<0.2	7.86	<5	390	1.4	<2	5.03	<0.5	69	34	49	8.42	<2	1.44	32	2.90	1361	<1	1.96	32	0.22	<2	<3	<10	12	713	1.68	23	167	<10	72	161
SP21-04	794107	68.00	69.00	1.00	2128204	<5	794107	60	0.41	<0.2	8.55	<5	327	1.4	3	6.26	<0.5	77	43	46	8.34	<2	1.08	37	2.81	1564	1	2.13	20	0.25	<2	<3	<10	<10	779	1.81	19	161	<10	70	126
SP21-04	794108	69.00	70.00	1.00	2128204	96	794108	202	2.23	<0.2	7.87	18	355	1.4	<2	5.53	<0.5	69	45	43	>10.00	<2	1.33	34	2.37	1238	1	2.48	24	0.23	6	<3	<10	10	704	1.63	20	149	<10	63	85
SP21-04	794109	70.00	71.00	1.00	2128204	130	794109	206	2.34	<0.2	8.74	<5	560	1.4	<2	3.71	<0.5	85	29	28	>10.00	4	2.76	41	1.96	637	2	3.58	7	0.30	7	<3	<10	16	854	1.80	19	139	<10	50	107
SP21-04	794110	71.00	72.00	1.00	2128204	<5	794110	315	3.88	<0.2	8.22	<5	238	1.3	<2	3.30	<0.5	83	44	47	>10.00	2	1.13	39	1.57	491	3	3.84	15	0.29	3	<3	<10	13	765	1.72	23	131	<10	41	168
SP21-04	794111	72.00	73.00	1.00	2128204	13	794111	439	3.73	0.2	8.34	6	178	1.7	<2	3.25	<0.5	83	46	33	>10.00	<2	0.88	38	1.66	487	3	3.93	7	0.28	6	<3	<10	15	503	1.70	22	129	<10	38	195
SP21-04	794112	73.00	74.00	1.00	2128204	30	794112	411	2.51	<0.2	8.24	5	173	1.9	<2	3.66	<0.5	82	35	33	>10.00	<2	0.82	38	1.98	588	2	3.70	5	0.28	2	<3	<10	<10	390	1.66	21	125	<10	34	161
SP21-04	794113	74.00	75.00	1.00	2128204	65	794113	244	1.84	<0.2	8.27	9	200	1.8	2	2.84	<0.5	82	30	36	9.01	<2	0.93	39	1.84	500	1	3.76	17	0.28	7	<3	<10	<10	384	1.63	16	122	<10	29	108
SP21-04	794114	75.00	76.00	1.00	2128204	160	794114	360	3.11	<0.2	7.98	7	360	2.2	<2	2.93	<0.5	86	48	55	>10.00	<2	1.33	41	1.21	383	1	3.77	18	0.31	2	<3	<10	17	460	1.68	17	129	<10	24	178
SP21-04	794115	76.00	77.00	1.00	2128204	170	794115	484	3.82	0.2	8.09	5	281	1.9	<2	2.96	<0.5	88	60	44	>10.00	3	1.28	43	1.28	402	2	3.65	21	0.32	3	<3	<10	26	430	1.59	20	104	<10	25	109
SP21-04	794116	77.00	78.00	1.00	2128204	101	794116	603	3.92	<0.2	8.02	7	256	1.9	<2	3.29	<0.5	80	65	36	>10.00	<2	1.10	39	1.44	493	4	3.69	22	0.28	8	<3	<10	17	363	1.62	23	120	<10	28	123
SP21-04	794117	78.00	79.00	1.00	2128204	13	794117	404	3.59	0.3	8.64	<5	300	2	<2	3.11	<0.5	89	57	42	>10.00	2	1.30	43	1.53	619	1	3.95	14	0.31	<2	<3	<10	20	342	1.74	21	123	<10	24	153
SP21-04	794118	79.00	80.00	1.00	2128204	123	794118	332	2.81	<0.2	7.64	8	291	2.2	<2	4.41	<0.5	78	55	55	>10.00	<2	1.26	39	1.30	598	13	3.20	14	0.29	3	<3	<10	16	330	1.47	20	107	<10	19	131
SP21-04	794119	80.00	81.00	1.00	2128204	23	794119	329	3.34	0.2	7.77	8	234	2.1	<2	2.98	<0.5	83	59	69	>10.00	<2	1.23	37	1.21	358	1	3.61	15	0.28	<2	<3	<10	<10	296	1.55	19	119	<10	19	140
SP21-04	794120	81.00	82.00	1.00	2128204	234	794120	375	3.99	0.3	7.66	<5	157	1.7	<2	2.45	<0.5	67	68	81	>10.00	5	0.94	33	1.61	425	2	2.80	15	0.23	6	<3	<10	<10	193	1.31	19	104	<10	28	76
SP21-04	794121	82.00	83.00	1.00	2128204	422	794121	437	3.68	0.6	8.40	12	144	1.7	<2	2.99	<0.5	99	52	64	>10.00	<2	0.89	44	1.21	286	2	4.21	19	0.32	<2	<3	<10	<10	255	1.58	16	104	<10	20	128
SP21-04	794122	83.00	84.00	1.00	2128204	1515	794122	351	4.68	0.2	8.10	<5	104	1.9	8	2.77	<0.5	91	56	59	>10.00	4	0.65	44	1.19	308	3	4.18	20	0.31	10	<3	<10	<10	208	1.57	19	108	<10	20	126
SP21-04	794123	84.00	85.00	1.00	2128204	1067	794123	477	4.43	0.2	8.77	<5	145	2.6	4	2.71	<0.5	107	49	67	>10.00	2	0.86	50	1.02	404	2	4.55	25	0.30	5	<3	<10	<10	286	1.46	17	96	<10	20	177
SP21-04	794124	85.00	86.00	1.00	2128204	42	794124	489	1.16	0.6	9.36	75	373	2.4	<2	1.95	<0.5	78	70	596	>10.00	5	1.64	35	1.74	1239	<1	2.46	484	0.21	4	<3	<10	14	212	1.68	17	226	<10	40	194
SP21-04	794125	86.00	87.00	1.00	2128204	5	794125	30	0.34	0.4	9.54	<5	90	3.5	<2	1.23	<0.5	160	7	95	2.70	6	0.43	72	0.51	301	2	6.56	17	0.14	<2	<3	<10	12	288	0.73	<2	28	<10	8	232

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-04	794126	87.00	88.00	1.00	2128204	56	794126	50	0.52	0.2	11.55	8	112	2.9	<2	1.38	<0.5	129	13	70	4.63	8	0.77	59	0.89	426	3	5.59	41	0.13	<2	<3	<10	<10	278	0.93	2	64	<10	13	176
SP21-04	794127	88.00	89.00	1.00	2128204	40	794127	98	1.37	0.3	7.26	<5	55	1.7	<2	1.36	<0.5	83	38	414	9.33	4	0.20	35	3.07	793	8	2.47	295	0.09	<2	8	<10	13	135	0.91	13	155	<10	32	246
SP21-04	794128	89.00	90.00	1.00	2128204	240	794128	86	1.44	0.4	8.28	<5	119	2.9	<2	1.66	<0.5	123	26	122	8.19	<2	0.56	51	1.51	684	3	3.75	86	0.09	3	<3	<10	20	235	1.04	9	155	<10	22	282
SP21-04	794129	90.00	91.00	1.00	2128204	83	794129	75	1.47	0.5	8.07	8	169	2.7	<2	1.54	<0.5	107	28	117	9.00	2	0.64	43	1.57	810	2	3.40	78	0.09	4	<3	<10	18	201	1.04	11	168	<10	24	429
SP21-04	794130	91.00	92.00	1.00	2128204	39	794130	110	1.34	0.5	8.38	7	79	2.6	<2	1.47	<0.5	128	29	111	9.51	4	0.47	50	2.23	956	2	3.44	75	0.09	3	<3	<10	21	178	1.08	9	164	<10	32	520
SP21-04	794131	92.00	93.00	1.00	2128204	196	794131	214	2.19	0.4	8.25	<5	104	2.7	<2	1.09	<0.5	124	48	230	>10.00	9	0.55	54	1.78	787	2	3.88	105	0.08	9	<3	<10	15	183	0.99	11	187	<10	26	199
SP21-04	794132	93.00	94.00	1.00	2128204	152	794132	407	3.42	0.4	8.29	<5	158	2.4	<2	1.79	<0.5	101	66	133	>10.00	3	0.71	45	1.71	643	2	3.87	107	0.18	7	<3	<10	12	255	1.25	17	153	<10	27	188
SP21-04	794133	94.00	95.00	1.00	2128204	169	794133	598	4.66	0.4	8.53	16	176	2.3	<2	2.22	<0.5	85	88	47	>10.00	<2	0.65	40	1.22	355	<1	3.73	61	0.26	8	<3	<10	11	336	1.49	19	121	<10	22	96
SP21-04	794134	95.00	96.00	1.00	2128204	49	794134	267	2.42	0.3	7.98	<5	237	1.6	<2	2.91	<0.5	81	50	36	>10.00	<2	1.19	39	1.69	578	2	3.37	19	0.28	11	<3	<10	19	439	1.57	20	108	<10	33	96
SP21-04	794135	96.00	97.00	1.00	2128204	18	794135	313	2.35	0.2	8.40	<5	206	1.6	<2	2.98	<0.5	86	47	32	>10.00	10	1.00	40	1.97	481	2	3.60	13	0.29	8	<3	<10	16	431	1.67	16	112	<10	32	184
SP21-04	794136	97.00	98.00	1.00	2128204	44	794136	318	2.43	0.4	8.46	<5	150	1.3	<2	3.19	<0.5	90	43	31	>10.00	7	0.63	41	2.13	527	1	3.74	12	0.30	4	<3	<10	17	399	1.71	17	113	<10	34	180
SP21-04	794137	98.00	99.00	1.00	2128204	85	794137	384	2.60	0.4	8.90	<5	139	1.5	<2	3.02	<0.5	97	49	25	>10.00	10	0.67	44	2.22	499	1	4.00	9	0.33	6	<3	<10	<10	354	1.76	18	109	<10	31	196
SP21-04	794138	99.00	100.00	1.00	2128204	61	794138	236	2.45	0.4	8.55	7	136	1.7	<2	3.17	<0.5	92	43	35	9.50	3	0.64	41	2.34	595	4	3.54	9	0.31	<2	<3	<10	<10	252	1.66	16	106	<10	28	213
SP21-04	794139	100.00	101.00	1.00	2128204	1233	794139	602	4.17	0.4	8.14	8	246	2.5	2	2.98	<0.5	86	91	63	>10.00	8	1.04	41	1.19	331	1	3.87	20	0.31	4	<3	<10	13	382	1.62	19	122	<10	22	156
SP21-04	794140	101.00	102.00	1.00	2128204	277	794140	512	3.29	0.3	7.92	14	212	2.2	<2	3.08	<0.5	78	69	48	9.78	3	1.00	38	1.04	263	2	3.64	8	0.29	<2	<3	<10	17	399	1.43	16	115	<10	17	79
SP21-04	794141	102.00	103.00	1.00	2128204	1129	794141	411	3.27	0.3	7.76	<5	264	2.1	5	3.00	<0.5	84	68	60	>10.00	3	1.17	41	1.26	345	2	3.54	5	0.32	5	<3	<10	18	327	1.50	14	114	<10	19	88
SP21-04	794142	103.00	104.00	1.00	2128204	809	794142	482	3.82	0.3	8.25	<5	253	1.9	5	3.25	<0.5	90	72	60	>10.00	4	1.25	41	1.22	309	1	4.02	3	0.30	5	<3	<10	10	336	1.55	19	108	<10	21	134
SP21-04	794143	104.00	105.00	1.00	2128204	760	794143	456	3.97	0.2	7.70	8	210	2	11	2.75	<0.5	81	76	64	>10.00	11	0.91	37	1.19	294	2	3.83	12	0.25	8	<3	<10	<10	357	1.46	22	105	<10	21	111
SP21-04	794144	105.00	106.00	1.00	2128204	42	794144	290	2.96	0.2	8.76	<5	229	1.9	<2	3.68	<0.5	98	52	52	9.86	12	0.88	46	1.55	422	3	4.30	6	0.33	8	<3	<10	<10	422	1.72	16	116	<10	23	169
SP21-04	794145	106.00	107.00	1.00	2128204	552	794145	631	5.27	0.4	7.68	8	124	2.1	<2	2.42	<0.5	83	97	74	>10.00	2	0.58	40	1.19	291	1	4.25	15	0.29	8	<3	<10	21	268	1.51	23	121	<10	21	160
SP21-04	794146	107.00	108.00	1.00	2128204	523	794146	966	6.88	0.9	6.59	5	112	1.8	<2	1.83	<0.5	70	131	36	>10.00	6	0.59	35	1.33	297	1	3.21	12	0.24	9	<3	<10	17	188	1.29	24	105	<10	24	112
SP21-04	794147	108.00	109.00	1.00	2128204	589	794147	309	2.91	0.3	7.82	11	155	2.3	2	2.53	<0.5	86	58	44	9.82	10	0.91	40	1.40	387	2	3.62	12	0.27	4	<3	<10	16	245	1.54	14	107	<10	19	92
SP21-04	794148	109.00	110.00	1.00	2128204	52	794148	406	3.11	0.3	8.64	9	133	3.3	<2	2.35	<0.5	148	52	50	9.60	<2	0.73	71	0.93	368	19	4.72	15	0.29	2	<3	<10	18	278	0.94	12	52	<10	15	283
SP21-04	794149	110.00	111.00	1.00	2128204	27	794149	202	1.05	0.4	9.77	9	209	3.9	<2	3.39	<0.5	154	22	52	7.07	2	1.42	73	0.99	371	31	4.78	15	0.32	5	<3	12	10	332	0.98	12	54	<10	13	345
SP21-04	794150	111.00	112.00	1.00	2128204	12	794150	169	2.44	0.4	9.61	10	232	3.1	<2	2.41	<0.5	164	24	60	7.03	<2	1.33	75	0.79	346	7	5.24	22	0.35	<2	<3	<10	<10	314	1.02	8	52	<10	13	300
SP21-04	794151	112.00	113.00	1.00	2128204	163	794151	61	0.92	0.4	11.69	<5	791	2.6	<2	1.10	<0.5	126	38	44	>10.00	<2	4.07	56	0.63	1638	3	1.54	49	0.19	<2	<3	<10	<10	150	3.16	19	387	<10	30	207
SP21-04	794152	113.00	114.00	1.00	2128204	30	794152	147	2.26	0.2	8.66	9	145	2.1	<2	2.34	<0.5	103	39	75	9.65	4	0.70	44	1.45	630	1	3.92	131	0.20	2	<3	<10	16	229	1.46	13	156	<10	23	196
SP21-04	794153	114.00	115.00	1.00	2128204	13	794153	98	1.11	0.2	8.09	<5	159	1.9	<2	2.26	<0.5	69	25	175	8.36	3	0.97	33	1.68	696	1	2.72	134	0.11	4	<3	<10	<10	170	1.29	16	192	<10	24	75
SP21-04	794154	115.00	116.00	1.00	2128204	21	794154	101	1.51	<0.2	8.05	6	130	2.7	<2	1.75	<0.5	76	30	154	8.55	9	0.59	34	1.35	628	2	3.37	91	0.10	6	<3	<10	13	232	1.33	11	227	<10	23	99
SP21-04	794155	116.00	117.00	1.00	2128204	20	794155	70	1.07	0.4	8.21	8	123	2.8	<2	1.57	<0.5	115	21	108	7.59	7	0.50	46	1.36	603	2	3.85	72	0.09	7	<3	<10	<10	198	1.06	8	163	<10	19	390
SP21-04	794156	117.00	118.00	1.00	2128204	125	794156	130	1.71	0.5	8.18	15	117	2.6	<2	1.34	<0.5	123	28	126	8.88	2	0.59	49	1.50	652	3	3.78	89	0.09	3	<3	<10	23	189	1.04	9	156	<10	23	422
SP21-04	794157	118.00	119.00	1.00	2128204	63	794157	120	1.35	0.3	8.17	16	149	3.2	<2	1.94	<0.5	110	28	107	8.74	2	1.06	47	1.72	727	6	3.43	90	0.10	2	<3	11	10	138	1.10	12	173	<10	24	282
SP21-04	794158	119.00	120.00	1.00	2128204	53	794158	420	1.81	0.6	8.32	<5	106	2.5	<2	1.19	<0.5	114	40	105	>10.00	<2	0.60	46	2.26	732	3	3.55	111	0.10	3	<3	<10	16	97	1.15	12	214	<10	25	435
SP21-04	794159	120.00	121.00	1.00	2128204	284	794159	137	1.77	0.2	7.51	11	116	2.4	<2	1.05	<0.5	105	41	157	9.15	8	0.49	45	1.88	780	2	3.36	144	0.11	7	<3	<10	<10	125	1.05	11	179	<10	27	209
SP21-04	794160	121.00	122.00	1.00	2128204	36	794160	214	2.51	0.3	6.95	17	76	1.6	<2	1.60	<0.5	45	60	94	9.81	7	0.36	20	1.68	697	2	3.13	120	0.11	2	<3	<10	17	97	1.61	14	240	<10	21	59
SP21-04	794161	122.00	123.00	1.00	2128204	80	794161	202	2.04	0.4	6.66	<5	44	1.4	<2	0.99	<0.5	74	60	308	>10.00	2	0.21	31	2.55	989	1	2.16	270	0.07	10	<3	<10	14	76	0.95	15	163	<10	37	229
SP21-04	794162	123.00	124.00	1.00	2128204	38	794162	124	1.33	0.2	6.62	<5	10	0.7	<2	1.23	<0.5	26	57	500	>10.00	<2	0.04	13	3.88	1463	1	0.64	296	0.10	9	<3	<10	17	28	1.30	24	280	<10	57	58
SP21-04	794163	124.00	125.00	1.00	2128204	211	794163	197	2.07	0.4	7.56	<5	78	1.6	9	1.33	<0.5	77	62	328	>10.00	<2	0.28	34	2.77	1197	1	2.20	274	0.09	10	<3	<10	<10	96	1.15	19	204	<10	53	114
SP21-04	794164	125.00	126.00	1.00	2128204	206	794164	111	1.08	0.4	7.10	10	53	1.9	<2	1.36	<0.5	76	46	418	>10.00	9	0.14	34	2.68	1427	2	1.78	254	0.09	5	<3	<10	12	80	1.04	17	171	<10	67	123
SP21-04	794165	126.00	127.00	1.00	2128204	81	794165	88	0.77	0.2	8.16	12	119	3.5	<2	1.42	<0.5	117	29	187	8.44	3	0.37	49	1.45	1136	3	3.97	108	0.06	3	<3	<10	12	188	0.76	12	118	<10	60	161
SP21-04	794166	127.00	128.00	1.00	2128204	7	794166	15	0.02	0.2	6.69	40	48	1.2	<2	3.34	<0.5	21	65	532	8.72	3	0.20	10	3.15	1840	1	1.55	340	0.07	5	24	<10	12	113	1.14	16	209	<10	101	36

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-04	794167	128.00	129.00	1.00	2128204	<5	794167	120	0.09	0.3	5.76	154	41	1.2	<2	4.23	<0.5	24	60	423	7.94	5	0.22	12	3.90	1397	12	0.71	375	0.08	7	80	<10	24	119	1.07	20	194	<10	106	51
SP21-04	794168	129.00	130.00	1.00	2128204	7	794168	86	0.04	0.3	7.00	17	31	1	<2	5.56	<0.5	30	68	356	8.67	2	0.11	15	4.81	1757	1	0.76	402	0.10	<2	<3	<10	<10	151	1.36	17	251	<10	115	38
SP21-04	794169	130.00	131.00	1.00	2128204	5	794169	81	0.58	0.2	9.26	10	345	2.1	<2	3.10	<0.5	89	54	86	>10.00	5	1.20	40	2.52	2357	6	2.79	57	0.28	4	<3	<10	17	290	1.99	18	233	<10	152	116
SP21-04	794170	131.00	132.00	1.00	2128204	5	794170	43	0.17	0.2	8.40	<5	239	1.8	<2	3.02	<0.5	54	43	52	8.94	4	0.84	25	2.37	2140	8	2.41	33	0.19	2	<3	<10	16	216	1.74	14	246	<10	107	107
SP21-04	794171	151.80	152.40	0.60	2128204	10	794171	79	0.23	0.2	6.42	8	221	2.1	<2	4.68	<0.5	70	50	575	7.26	5	1.98	35	1.02	1130	2	1.41	221	0.10	5	<3	<10	13	222	0.88	18	122	<10	96	89
SP21-04	794172	157.00	158.00	1.00	2128204	<5	794172	76	0.08	0.6	7.34	8	70	0.9	<2	3.97	<0.5	35	56	508	8.48	<2	0.49	16	5.80	1680	1	0.79	260	0.10	9	<3	<10	<10	130	1.31	17	291	<10	100	95
SP21-04	794173	158.00	159.00	1.00	2128204	<5	794173	73	0.04	<0.2	6.10	22	112	1	<2	6.17	<0.5	32	48	375	6.91	11	0.58	16	3.75	1756	3	1.06	180	0.09	5	<3	<10	19	174	1.19	16	248	<10	77	87
SP21-04	794174	181.00	182.00	1.00	2128204	7	794174	82	0.68	0.3	8.70	<5	449	2.4	<2	2.94	<0.5	81	28	219	5.91	<2	3.79	40	1.71	1567	6	0.83	59	0.10	5	<3	<10	14	121	0.83	15	214	<10	104	119
SP21-04	794175	182.00	183.00	1.00	2128204	5	794175	45	0.15	<0.2	5.31	<5	144	1.2	<2	7.58	0.5	39	30	162	5.49	4	1.27	20	1.84	2234	3	0.82	70	0.08	11	<3	<10	<10	215	0.72	23	133	<10	72	80
SP21-04	794176	191.00	192.00	1.00	2128204	6	794176	83	0.03	0.3	6.49	<5	94	0.6	<2	5.38	<0.5	24	53	256	7.70	3	0.91	12	6.83	1321	1	0.88	195	0.08	5	<3	<10	10	163	1.21	20	272	<10	84	62
SP21-04	794177	192.00	193.00	1.00	2128204	5	794177	122	0.11	0.3	7.47	<5	117	1.2	<2	6.04	<0.5	44	49	304	8.05	12	0.50	20	3.81	1452	2	2.34	186	0.11	<2	<3	<10	<10	274	1.36	17	263	<10	92	87
SP21-04	794178	193.00	194.00	1.00	2128204	<5	794178	69	0.15	0.3	7.72	<5	133	1.3	<2	3.97	<0.5	48	49	270	8.77	7	0.45	23	3.49	1474	<1	2.59	138	0.14	<2	<3	<10	<10	242	1.54	17	258	<10	99	109
SP21-04	794179	194.00	195.00	1.00	2128204	13	794179	68	0.01	0.2	6.34	5	69	0.6	<2	4.25	<0.5	25	59	501	8.13	4	0.70	12	6.50	1262	1	0.52	288	0.09	9	<3	<10	10	88	1.24	20	245	<10	91	78
SP21-04	794180	195.00	196.00	1.00	2128204	5	794180	108	0.05	0.2	6.24	10	161	1	<2	4.72	<0.5	27	61	380	8.05	<2	1.72	12	7.40	1277	1	0.68	361	0.09	6	<3	<10	<10	83	1.10	9	239	<10	96	99
SP21-04	794181	196.00	197.00	1.00	2128204	<5	794181	108	0.04	0.4	6.03	11	55	0.7	<2	4.84	<0.5	23	59	340	7.66	5	0.58	10	7.82	1252	<1	0.29	370	0.07	8	<3	<10	<10	64	0.99	9	241	<10	90	85
SP21-04	794182	197.00	198.00	1.00	2128204	12	794182	139	1.18	0.2	8.41	11	339	3	<2	1.35	1.8	72	33	154	6.03	2	2.00	36	2.51	1197	11	2.84	118	0.06	20	<3	<10	<10	222	0.59	14	397	<10	154	120
SP21-04	794183	198.00	199.00	1.00	2128204	5	794183	91	0.64	0.3	8.31	10	358	2.5	<2	3.05	<0.5	71	30	115	5.79	<2	3.06	35	2.29	1397	5	2.03	61	0.06	27	3	<10	<10	169	0.55	11	277	<10	116	108
SP21-04	794184	199.00	200.00	1.00	2128204	<5	794184	70	0.31	0.3	6.61	6	251	1.5	<2	8.73	<0.5	47	35	132	5.78	<2	2.14	22	2.40	3109	1	1.34	47	0.06	13	<3	<10	<10	140	0.55	7	203	<10	92	80
SP21-04	794185	200.00	201.00	1.00	2128204	<5	794185	85	0.26	0.2	7.48	11	279	1.5	<2	5.50	<0.5	49	36	176	6.52	<2	2.13	23	3.20	1569	1	0.95	50	0.05	13	<3	<10	<10	87	0.61	9	211	<10	88	84
SP21-04	794186	201.00	202.00	1.00	2128204	8	794186	82	0.07	0.2	6.55	<5	45	0.5	<2	5.84	<0.5	12	43	104	7.65	<2	0.83	5	4.13	1420	<1	0.99	52	0.06	6	<3	<10	<10	80	0.80	10	312	<10	86	70
SP21-04	794187	202.00	203.00	1.00	2128204	<5	794187	64	0.03	<0.2	5.97	7	30	<0.5	<2	7.68	<0.5	10	36	81	7.03	<2	0.49	4	3.90	1561	<1	0.82	46	0.05	7	<3	<10	<10	102	0.73	9	245	<10	77	61
SP21-04	794188	203.00	204.50	1.50	2128204	<5	794188	63	0.03	0.2	4.44	10	27	<0.5	<2	####	<0.5	8	26	69	5.32	<2	0.37	4	2.98	1929	<1	0.50	37	0.02	10	<3	<10	<10	148	0.53	7	109	<10	57	42
SP21-04	794189	204.50	206.00	1.50	2128204	<5	794189	68	0.29	0.2	7.72	9	148	1.5	<2	4.96	<0.5	47	36	97	6.80	2	1.79	22	3.15	1966	1	1.18	53	0.06	16	<3	<10	<10	116	0.72	8	248	<10	97	97
SP21-04	794190	206.00	207.50	1.50	2128204	<5	794190	90	0.72	0.2	9.12	10	407	2.7	<2	3.08	<0.5	78	26	112	5.69	<2	4.18	39	2.04	1575	5	0.92	57	0.07	19	<3	23	<10	75	0.56	11	242	<10	119	120
SP21-04	794191	207.50	209.00	1.50	2128204	6	794191	87	0.68	0.2	8.95	6	405	2.4	<2	2.97	0.5	68	34	153	6.35	<2	4.21	33	2.43	1479	3	0.74	56	0.07	14	<3	<10	<10	60	0.64	10	231	<10	120	106
SP21-04	794192	209.00	210.50	1.50	2128204	6	794192	75	0.32	0.2	7.05	7	240	1.4	<2	6.91	<0.5	38	34	211	6.35	<2	1.83	19	2.99	1619	2	1.11	52	0.05	14	<3	<10	<10	102	0.61	9	242	<10	93	72
SP21-04	794193	210.50	212.00	1.50	2128204	5	794193	133	1.28	0.3	6.94	<5	474	3	<2	4.29	1.8	77	27	211	5.19	2	4.16	41	1.68	1004	8	1.67	60	0.07	21	<3	12	<10	113	0.51	14	299	<10	125	114
SP21-04	794194	212.00	213.50	1.50	2128204	<5	794194	73	0.04	<0.2	7.04	7	159	0.5	<2	6.08	<0.5	11	43	115	7.91	<2	1.28	5	4.42	1271	<1	1.14	58	0.05	8	<3	16	<10	94	0.83	10	312	<10	88	55
SP21-04	794195	213.50	215.00	1.50	2128204	<5	794195	74	0.05	0.2	6.20	8	105	0.5	<2	8.53	<0.5	13	39	116	6.79	3	0.58	6	3.79	1319	<1	1.28	59	0.05	9	<3	12	<10	122	0.70	8	257	<10	75	54
SP21-04	794196	215.00	216.50	1.50	2128204	<5	794196	95	0.09	0.2	7.40	6	277	0.6	<2	8.77	<0.5	18	38	133	6.49	4	0.90	9	3.58	1298	1	2.37	72	0.04	3	<3	<10	<10	167	0.55	9	272	<10	77	47
SP21-04	794197	216.50	218.00	1.50	2128204	<5	794197	105	0.12	<0.2	6.83	6	233	<0.5	<2	7.06	<0.5	7	42	100	7.24	<2	0.80	3	3.82	1253	1	2.31	56	0.04	5	<3	<10	12	122	0.66	8	303	<10	79	36
SP21-04	794198	218.00	219.50	1.50	2128204	<5	794198	81	0.03	<0.2	7.36	6	337	<0.5	<2	7.28	<0.5	8	43	128	7.21	<2	1.23	4	4.30	1337	<1	2.50	68	0.04	5	<3	<10	<10	145	0.67	8	283	<10	78	39
SP21-04	794199	219.50	221.00	1.50	2128204	<5	794199	111	0.04	<0.2	7.07	<5	294	<0.5	<2	7.23	<0.5	5	43	239	6.86	<2	1.05	3	4.23	1285	1	2.52	66	0.03	<2	<3	<10	<10	140	0.53	9	253	<10	72	27
SP21-04	794200	221.00	222.50	1.50	2128204	<5	794200	100	0.13	<0.2	7.43	9	197	<0.5	<2	6.38	<0.5	9	48	72	8.76	<2	0.89	4	3.85	1583	<1	2.29	53	0.05	11	<3	11	<10	118	0.80	11	366	<10	99	43
SP21-04	794201	222.50	224.00	1.50	2128204	<5	794201	70	0.07	<0.2	6.58	<5	226	0.5	<2	7.23	<0.5	13	41	79	7.29	<2	0.90	6	3.51	1451	1	2.05	50	0.04	6	<3	<10	<10	136	0.69	10	286	<10	84	48
SP21-04	794202	224.00	225.50	1.50	2128204	<5	794202	81	0.04	<0.2	6.10	12	196	<0.5	<2	7.32	<0.5	11	41	81	7.39	<2	0.94	5	3.66	1455	1	1.41	51	0.04	9	<3	<10	<10	105	0.68	9	255	<10	81	49
SP21-04	794203	225.50	227.00	1.50	2128204	59	794203	67	0.22	0.2	7.70	<5	321	1	<2	4.89	0.5	27	42	94	7.36	<2	2.17	15	3.45	1488	1	1.43	54	0.05	11	<3	<10	<10	85	0.69	10	323	<10	108	60

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-04	794204	227.00	228.50	1.50	2128204	<5	794204	78	0.68	0.2	8.77	6	321	2.4	<2	3.31	<0.5	85	34	126	5.97	<2	2.89	41	1.81	1747	3	2.28	65	0.08	19	<3	<10	<10	91	0.58	9	191	<10	103	113
SP21-04	794205	228.50	230.00	1.50	2128204	<5	794205	96	0.61	0.3	8.24	6	471	1.9	<2	2.74	<0.5	66	33	155	6.54	<2	2.86	32	2.37	1415	6	1.34	60	0.07	14	<3	14	<10	76	0.71	11	258	<10	103	115
SP21-04	794206	230.00	231.50	1.50	2128204	<5	794206	71	0.13	0.2	6.75	8	170	1.4	<2	7.00	<0.5	37	37	103	6.49	<2	1.12	18	2.98	1832	<1	1.19	51	0.08	12	<3	<10	<10	97	0.72	9	226	<10	80	88
SP21-04	794207	231.50	233.00	1.50	2128204	<5	794207	102	0.78	0.2	8.51	6	409	2.3	<2	4.63	<0.5	64	31	101	6.06	2	3.42	32	2.21	1476	10	0.59	52	0.06	13	<3	13	<10	74	0.58	11	242	<10	111	102
SP21-04	794208	233.00	234.50	1.50	2128204	<5	794208	65	1.02	0.3	8.34	10	402	2.4	<2	6.92	<0.5	87	25	58	6.05	<2	3.52	42	1.44	822	6	0.91	33	0.16	8	<3	<10	<10	133	1.04	11	204	<10	100	155
SP21-04	794209	234.50	236.00	1.50	2128204	<5	794209	28	0.07	0.4	7.38	7	263	1.9	<2	####	<0.5	83	26	54	6.57	<2	2.33	40	1.26	864	<1	1.85	34	0.26	6	<3	15	<10	203	1.28	8	121	<10	90	204
SP21-04	794210	236.00	237.50	1.50	2128204	<5	794210	20	0.03	0.4	7.59	6	571	1.8	<2	####	<0.5	85	24	58	6.79	<2	3.32	41	1.52	1109	1	0.89	19	0.25	5	<3	<10	<10	219	1.42	7	125	<10	88	215
SP21-04	794211	237.50	239.00	1.50	2128204	7	794211	19	0.18	0.3	7.39	9	272	1.9	<2	8.42	<0.5	91	34	67	6.56	<2	3.72	43	1.55	722	5	0.32	27	0.29	7	<3	<10	<10	154	1.36	9	119	<10	89	195
SP21-04	794212	239.00	240.50	1.50	2128204	<5	794212	6	0.11	0.3	8.09	8	289	2.1	<2	6.15	<0.5	90	23	34	7.86	<2	3.75	43	1.66	593	<1	0.40	3	0.25	6	<3	<10	<10	157	1.63	8	114	<10	89	226
SP21-04	794213	240.50	242.00	1.50	2128204	<5	794213	24	0.09	0.3	6.51	9	275	1.9	<2	9.03	<0.5	76	30	95	6.45	<2	2.90	37	1.61	1308	1	0.25	42	0.24	7	<3	<10	<10	178	1.26	9	111	<10	76	181
SP21-04	794214	242.00	243.50	1.50	2128204	<5	794214	34	0.08	0.3	6.42	6	333	1.6	<2	####	<0.5	68	29	132	6.33	<2	2.93	33	1.51	1370	1	0.19	81	0.22	6	<3	<10	<10	192	1.17	9	105	<10	77	168
SP21-04	794215	243.50	245.00	1.50	2128204	<5	794215	29	0.13	0.4	7.43	9	344	1.8	<2	####	<0.5	90	26	68	7.31	3	2.75	43	1.60	1155	<1	0.76	29	0.28	5	<3	<10	<10	186	1.28	8	124	<10	93	227
SP21-04	794216	245.00	246.50	1.50	2128204	<5	794216	25	0.57	0.4	8.09	9	430	2.1	<2	7.27	<0.5	99	26	53	6.82	<2	3.89	47	1.62	953	5	0.47	29	0.22	4	<3	<10	<10	129	1.54	8	115	<10	87	218
SP21-04	794217	246.50	248.00	1.50	2128204	<5	794217	25	0.03	0.5	7.61	10	319	1.7	<2	9.19	<0.5	93	24	45	6.11	<2	2.40	44	1.46	1269	1	1.67	17	0.28	6	<3	<10	<10	242	1.31	8	128	<10	89	249
SP21-04	794218	248.00	249.50	1.50	2128204	<5	794218	66	0.52	0.4	8.41	8	432	2.5	<2	4.54	<0.5	97	29	86	6.58	2	3.59	48	1.83	1153	4	0.69	42	0.16	15	<3	<10	<10	110	0.96	9	140	<10	108	175
SP21-04	794219	249.50	251.00	1.50	2128204	11	794219	109	1.23	0.2	9.27	8	462	3.5	<2	0.86	0.7	92	30	144	6.04	<2	4.29	45	1.52	2220	7	0.50	61	0.06	21	<3	<10	<10	59	0.51	13	270	<10	141	114
SP21-04	794220	251.00	252.50	1.50	2128204	11	794220	106	1.04	0.5	13.75	12	450	3.5	<2	0.82	3.9	97	28	83	6.42	<2	3.99	47	1.51	2058	9	0.45	66	0.06	30	<3	15	<10	62	0.47	12	293	<10	142	153
SP21-04	794221	252.50	254.00	1.50	2128204	5	794221	102	1.03	0.4	9.35	8	451	3.2	<2	2.40	0.6	85	30	101	6.29	<2	4.19	41	1.69	2522	7	0.58	61	0.07	26	<3	<10	<10	88	0.51	12	246	<10	131	115
SP21-04	794222	254.00	255.50	1.50	2128204	<5	794222	81	0.54	0.6	8.08	9	312	2.2	<2	5.02	<0.5	77	36	77	7.99	<2	3.01	34	1.76	3653	2	0.97	45	0.15	13	<3	22	<10	155	1.30	9	167	<10	115	186
SP21-04	794223	255.50	257.00	1.50	2128204	6	794223	130	1.44	0.5	9.39	<5	440	3.5	<2	1.75	<0.5	82	35	121	7.35	<2	4.17	41	1.72	2513	7	0.53	69	0.08	23	<3	14	<10	88	0.80	13	264	<10	152	126
SP21-04	794224	257.00	258.50	1.50	2128204	15	794224	111	0.93	0.4	9.04	13	471	2.8	<2	1.11	<0.5	100	30	133	6.30	3	4.02	49	1.70	2275	8	0.47	69	0.17	37	<3	11	<10	66	0.62	13	302	<10	135	133
SP21-04	794225	258.50	260.00	1.50	2128204	<5	794225	99	1.09	0.3	9.11	14	499	3	<2	1.28	<0.5	84	32	105	6.44	<2	4.11	41	1.66	1844	5	0.59	63	0.08	20	<3	<10	<10	81	0.55	11	221	<10	138	113
SP21-04	794226	260.00	261.50	1.50	2128204	<5	794226	94	0.74	0.4	12.91	11	514	3.3	<2	2.49	0.5	91	31	131	6.49	4	3.63	43	1.82	3027	5	0.94	64	0.09	18	<3	<10	<10	146	0.67	9	194	<10	112	212
SP21-04	794227	261.50	263.30	1.80	2128204	<5	794227	104	0.69	0.4	9.65	10	479	3.6	<2	0.78	<0.5	86	31	115	6.47	<2	3.43	41	1.86	3667	3	1.06	60	0.06	29	<3	<10	<10	96	0.54	9	207	<10	123	120
SP21-05	794228	6.00	7.00	1.00	2128204	2920	794228	543	0.45	0.6	6.69	15	266	1.7	29	####	0.9	70	75	355	9.25	<2	1.23	36	2.09	1874	1	0.27	88	0.16	10	4	11	11	364	1.29	11	170	<10	100	141
SP21-05	794229	7.00	8.00	1.00	2128204	887	794229	161	0.04	0.5	7.38	15	97	1.6	2	####	<0.5	91	40	295	7.47	<2	0.52	42	1.52	1482	3	0.16	59	0.13	7	<3	18	14	505	1.56	9	156	<10	59	159
SP21-05	794230	8.00	9.00	1.00	2128204	83	794230	30	0.10	0.4	6.16	25	70	1.7	<2	####	<0.5	76	92	221	9.31	2	0.54	38	2.10	1772	<1	0.16	161	0.13	8	<3	<10	12	315	1.23	10	108	<10	89	142
SP21-05	794231	9.00	10.00	1.00	2128204	<5	794231	<5	0.03	0.4	6.34	11	70	1.4	<2	9.86	<0.5	85	49	261	9.27	<2	0.66	44	2.65	1835	<1	0.11	175	0.14	10	<3	10	<10	316	1.29	12	152	<10	94	169
SP21-05	794232	10.00	11.00	1.00	2128204	147	794232	<5	0.03	0.4	6.69	15	37	1.2	<2	####	<0.5	87	53	270	8.54	<2	0.31	42	2.10	1661	1	0.05	142	0.16	13	<3	<10	<10	368	1.44	11	188	<10	70	163
SP21-05	794233	11.00	12.00	1.00	2128204	2066	794233	103	0.06	0.3	6.64	22	48	1.3	10	####	<0.5	83	98	215	9.02	3	0.39	41	1.60	1661	1	0.05	116	0.16	9	<3	<10	<10	336	1.29	10	68	<10	96	144
SP21-05	794234	12.00	12.30	0.30	2128204	2607	794234	**4.52%**	5.77	**15.6**	5.47	23	124	0.6	5	8.47	16	69	278	206	>10.00	<2	0.89	36	1.54	1745	<1	0.02	124	0.27	15	<3	<10	12	254	1.12	18	81	<10	1155	118
SP21-05	794235	12.30	13.00	0.70	2128204	32	794235	785	0.19	0.4	6.44	13	191	1.1	<2	####	<0.5	74	36	94	8.52	<2	1.33	38	1.82	1729	1	0.32	59	0.29	6	<3	<10	<10	342	1.23	11	88	<10	86	103
SP21-05	794236	13.00	14.00	1.00	2128204	17	794236	252	0.07	0.3	7.97	10	204	2.6	<2	7.99	<0.5	111	22	64	5.75	<2	1.33	55	1.55	1201	<1	2.19	28	0.31	5	<3	<10	<10	465	1.36	8	123	<10	51	212
SP21-05	794237	14.00	15.00	1.00	2128204	7	794237	115	0.27	0.5	9.46	13	318	4	<2	3.62	<0.5	179	17	48	5.40	<2	1.83	80	0.65	782	2	3.15	6	0.50	2	<3	13	<10	561	1.12	5	43	<10	34	457
SP21-05	794238	15.00	16.00	1.00	2128204	240	794238	12	0.05	0.6	9.42	16	446	4.2	<2	2.61	<0.5	181	15	30	7.73	<2	2.42	82	0.72	1276	1	2.69	4	0.47	5	<3	24	<10	411	1.10	8	46	<10	47	460
SP21-05	794239	16.00	17.00	1.00	2128204	87	794239	14	0.13	0.7	10.62	9	576	3.6	<2	1.53	<0.5	154	49	46	>10.00	<2	4.08	69	0.52	1209	1	0.96	32	0.35	8	<3	20	10	316	2.05	12	222	<10	45	469
SP21-05	794240	17.00	18.00	1.00	2128204	<5	794240	13	0.16	1.4	12.97	46	490	2.8	<2	1.44	<0.5	129	88	46	>10.00	<2	3.60	58	0.40	1319	1	0.37	54	0.25	8	<3	23	<10	442	3.27	14	435	<10	60	828
SP21-05	794241	18.00	19.00	1.00	2128204	125	794241	34	0.39	0.9	11.39	15	535	3.8	<2	0.77	<0.5	106	59	41	>10.00	<2	3.96	39	0.41	1841	<1	0.46	52	0.14	9	<3	16	<10	184	3.20	13	473	<10	58	374
SP21-05	794242	19.00	20.00	1.00	2128204	158	794242	44	0.46	0.7	10.83	27	630	2.6	<2	0.37	<0.5	115	57	49	>10.00	<2	4.25	52	0.42	2120	2	0.15	51	0.09	14	<3	29	<10	69	3.16	13	409	<10	55	359
SP21-05	794243	20.00	21.00	1.00	2128204	93	794243	61	0.04	0.7	9.95	35	645	2.4	<2	0.67	<0.5	85	53	82	>10.00	<2	3.88	36	0.71	2169	1	0.34	47	0.18	8	<3	17	<10	84	2.79	11	372	<10	52	321

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-05	794244	21.00	22.00	1.00	2128204	7	794244	12	0.02	0.6	8.75	15	315	2.2	<2	1.20	<0.5	76	44	59	9.89	<2	2.16	31	1.12	1523	1	1.30	42	0.19	7	<3	12	<10	231	2.31	9	294	<10	50	268
SP21-05	794245	22.00	23.00	1.00	2128204	<5	794245	16	0.08	0.6	8.26	14	103	1.9	<2	2.58	<0.5	72	45	59	9.99	<2	0.66	30	1.68	2124	1	1.69	41	0.22	7	<3	17	<10	320	2.20	11	321	<10	64	244
SP21-05	794246	23.00	24.00	1.00	2128204	7	794246	83	0.35	0.6	7.78	13	93	2.1	<2	2.31	<0.5	74	56	34	>10.00	<2	0.63	31	1.62	2033	<1	1.64	32	0.22	4	<3	14	13	304	2.08	10	287	<10	68	246
SP21-05	794247	24.00	25.00	1.00	2128204	<5	794247	105	0.60	0.6	9.00	11	201	2.3	<2	2.21	0.5	83	46	57	>10.00	<2	0.88	35	1.64	1891	1	2.13	77	0.24	10	<3	17	<10	310	2.25	10	277	<10	61	284
SP21-05	794248	25.00	26.00	1.00	2128204	<5	794248	93	0.02	0.4	8.55	44	222	1.8	<2	1.55	<0.5	36	75	471	>10.00	<2	0.91	15	3.14	1773	<1	1.23	372	0.10	11	10	12	11	189	1.52	12	235	<10	68	125
SP21-05	794249	26.00	27.00	1.00	2128204	9	794249	223	0.17	0.4	8.63	40	84	2.1	<2	1.97	0.6	46	76	432	9.75	<2	0.42	18	2.44	1644	1	2.00	404	0.11	6	<3	15	10	361	1.34	9	179	<10	57	171
SP21-05	794250	27.00	28.00	1.00	2128204	<5	794250	48	0.10	0.5	8.21	30	35	1.6	<2	3.61	<0.5	44	77	533	>10.00	<2	0.18	19	3.24	1497	1	1.66	607	0.10	5	<3	11	10	285	1.29	10	195	<10	57	148
SP21-05	794251	28.00	29.00	1.00	2128204	<5	794251	18	0.03	0.5	8.32	11	37	1.6	<2	4.67	<0.5	69	66	395	8.76	<2	0.28	28	3.13	1388	1	2.71	472	0.15	8	<3	13	<10	247	1.09	7	138	<10	58	239
SP21-05	794252	29.00	30.00	1.00	2128204	<5	794252	11	0.04	0.3	6.44	11	25	1.1	<2	6.13	<0.5	15	89	650	9.57	<2	0.20	7	4.13	1676	<1	1.14	732	0.06	8	3	11	<10	176	0.98	10	212	<10	73	62
SP21-05	794253	30.00	31.00	1.00	2128204	9	794253	9	0.05	0.2	5.47	20	36	1	<2	7.08	<0.5	14	99	680	>10.00	4	0.22	6	4.87	1873	<1	0.62	864	0.05	11	<3	<10	<10	154	0.82	12	179	<10	83	47
SP21-05	794254	31.00	32.00	1.00	2128204	9	794254	94	0.09	0.3	8.29	12	62	1	<2	5.01	<0.5	28	71	243	9.87	<2	0.39	12	2.84	1653	<1	2.55	339	0.09	11	<3	15	<10	326	1.44	10	239	<10	63	105
SP21-05	794255	32.00	33.00	1.00	2128204	<5	794255	61	0.15	0.3	7.09	8	31	0.7	<2	7.15	<0.5	26	85	572	9.81	<2	0.22	11	3.41	1678	<1	1.78	649	0.08	7	<3	16	11	214	1.26	10	230	<10	69	84
SP21-05	794256	33.00	34.00	1.00	2128204	<5	794256	63	0.06	0.4	9.09	6	36	1	<2	4.96	<0.5	36	71	174	9.77	<2	0.23	16	2.87	1508	1	3.53	301	0.09	9	<3	<10	12	344	1.62	10	243	<10	51	115
SP21-05	794257	34.00	35.00	1.00	2128204	7	794257	112	0.07	0.3	9.08	5	48	1	<2	4.91	<0.5	36	71	162	9.23	<2	0.19	15	2.45	1308	<1	3.34	277	0.09	6	<3	14	16	438	1.55	8	257	<10	47	113
SP21-05	794258	35.00	36.00	1.00	2128204	<5	794258	57	0.11	0.5	8.50	5	40	1	<2	5.03	0.7	31	85	351	>10.00	<2	0.23	13	2.73	1430	1	3.09	384	0.11	9	<3	13	<10	342	1.52	10	230	<10	55	103
SP21-05	794259	36.00	37.00	1.00	2128204	<5	794259	37	0.15	0.2	5.75	20	20	0.9	<2	6.62	<0.5	17	110	1249	>10.00	<2	0.15	8	4.01	1781	<1	1.03	**0.16%**	0.06	11	9	<10	<10	147	0.93	12	172	<10	78	46
SP21-05	794260	37.00	38.00	1.00	2128204	21	794260	<5	0.05	0.3	4.97	57	32	0.7	<2	6.63	<0.5	15	105	1516	>10.00	<2	0.24	7	4.09	1645	<1	0.62	**0.18%**	0.06	11	12	<10	<10	97	0.81	12	133	<10	81	52
SP21-05	794261	38.00	39.00	1.00	2128204	<5	794261	31	0.15	0.4	5.64	25	32	1.6	<2	5.39	<0.5	42	108	1001	>10.00	<2	0.18	17	5.31	1438	1	1.18	964	0.07	11	12	<10	<10	127	0.85	13	105	<10	75	183
SP21-05	794262	39.00	40.00	1.00	2128204	<5	794262	114	0.56	0.6	8.27	6	93	3.2	<2	3.96	<0.5	52	79	814	>10.00	<2	0.48	22	1.86	1465	<1	2.67	792	0.10	11	<3	14	<10	373	1.28	12	154	<10	55	192
SP21-05	794263	40.00	41.00	1.00	2128204	<5	794263	110	0.43	0.5	8.61	11	43	3	<2	0.92	<0.5	147	45	215	6.13	<2	0.15	61	0.87	504	1	4.66	283	0.03	4	<3	14	<10	214	0.54	4	49	<10	22	362
SP21-05	794264	41.00	42.00	1.00	2128204	<5	794264	9	0.04	0.5	9.74	17	39	3.2	<2	2.19	<0.5	188	15	49	4.59	<2	0.15	79	0.75	505	1	5.76	44	0.04	5	<3	11	<10	289	0.41	<2	14	<10	19	293
SP21-05	794265	42.00	43.00	1.00	2128204	<5	794265	36	0.04	0.4	8.71	10	58	3	<2	2.09	<0.5	166	19	64	4.82	<2	0.20	69	0.69	534	<1	5.03	41	0.04	5	<3	<10	<10	264	0.38	2	8	<10	22	279
SP21-05	794266	43.00	44.00	1.00	2128204	<5	794266	9	0.03	0.3	9.09	13	60	4.9	<2	2.51	<0.5	143	24	67	5.36	<2	0.23	60	0.86	622	2	5.10	88	0.19	2	<3	<10	<10	323	0.74	4	28	<10	22	313
SP21-05	794267	44.00	45.00	1.00	2128204	7	794267	<5	0.02	0.6	8.57	8	47	3.7	<2	5.19	0.5	121	35	49	7.63	4	0.24	48	1.44	1038	13	4.37	53	0.38	4	<3	11	<10	303	1.22	7	55	<10	36	408
SP21-05	794268	45.00	46.00	1.00	2128204	<5	794268	<5	0.04	0.7	8.72	9	75	3.7	<2	4.71	<0.5	121	37	37	8.32	<2	0.39	47	1.43	1079	1	4.32	13	0.43	7	<3	10	<10	389	1.35	7	66	<10	40	407
SP21-05	794269	46.00	47.00	1.00	2128204	6	794269	51	0.10	0.5	8.03	12	78	2.6	<2	5.49	<0.5	92	56	273	7.66	<2	0.43	37	1.53	941	<1	3.87	338	0.24	10	<3	23	<10	348	1.12	7	85	<10	41	311
SP21-05	794270	47.00	48.00	1.00	2128204	6	794270	81	0.16	0.3	8.46	16	114	1.7	<2	3.51	<0.5	26	80	650	>10.00	<2	0.68	11	2.20	1125	1	2.83	696	0.07	11	<3	13	<10	370	1.46	11	231	<10	52	97
SP21-05	794271	48.00	49.00	1.00	2128204	9	794271	147	0.13	0.3	8.09	6	105	0.9	<2	5.01	<0.5	26	60	428	8.92	<2	0.39	11	1.50	1034	<1	2.59	332	0.08	9	<3	20	<10	630	1.40	9	192	<10	39	98
SP21-05	794272	49.00	50.00	1.00	2128204	5	794272	23	0.04	0.4	8.52	12	117	0.8	<2	5.62	<0.5	32	65	372	9.69	3	0.61	13	2.28	1167	1	2.48	351	0.10	8	<3	<10	<10	553	1.51	10	222	<10	43	103
SP21-05	794273	50.00	51.00	1.00	2128204	9	794273	114	0.13	0.3	5.18	16	24	0.7	<2	4.79	<0.5	17	113	830	9.52	<2	0.09	7	8.80	1183	1	0.66	1094	0.05	9	3	<10	13	66	0.87	12	139	<10	71	57
SP21-05	794274	51.00	52.00	1.00	2128204	<5	794274	58	0.18	0.2	3.57	9	<5	0.6	<2	4.96	<0.5	10	108	907	8.62	<2	0.01	5	>10.00	1015	<1	0.04	**0.17%**	0.04	6	5	<10	<10	21	0.59	11	135	<10	68	25
SP21-05	794275	52.00	53.00	1.00	2128204	<5	794275	26	0.08	0.2	3.72	15	<5	0.5	<2	5.09	<0.5	9	112	1041	8.89	<2	0.01	4	>10.00	1089	<1	0.04	**0.24%**	0.04	7	7	<10	<10	27	0.62	10	142	<10	74	22
SP21-05	794276	53.00	54.00	1.00	2128204	11	794276	<5	0.03	0.3	4.49	34	6	<0.5	2	4.82	<0.5	12	142	913	9.45	<2	0.01	6	>10.00	1205	<1	0.04	**0.14%**	0.04	9	6	10	<10	25	0.74	11	144	<10	79	41
SP21-05	794277	54.00	55.00	1.00	2128204	18	794277	<5	0.03	<0.2	3.94	31	<5	0.5	<2	5.79	<0.5	14	126	1025	9.55	<2	0.01	6	>10.00	1356	<1	0.05	**0.15%**	0.06	13	7	<10	12	25	0.63	10	142	<10	82	26
SP21-05	794278	55.00	56.00	1.00	2128204	<5	794278	82	0.11	0.2	4.48	24	7	<0.5	<2	4.93	<0.5	12	136	1171	>10.00	<2	0.03	6	8.89	1363	<1	0.05	**0.17%**	0.04	13	9	<10	<10	20	0.76	13	129	<10	93	34
SP21-05	794279	56.00	57.00	1.00	2128204	<5	794279	79	0.09	0.3	7.88	9	65	0.9	<2	3.40	<0.5	25	78	537	>10.00	<2	0.30	11	4.29	1116	<1	1.72	502	0.07	12	<3	13	<10	279	1.40	10	188	<10	69	95
SP21-05	794280	57.00	58.00	1.00	2128204	7	794280	97	0.11	0.3	9.06	7	93	1.7	<2	2.88	<0.5	33	63	307	9.59	3	0.25	13	2.78	922	<1	2.82	274	0.11	4	<3	15	<10	465	1.63	9	253	<10	51	128
SP21-05	794281	58.00	59.00	1.00	2128204	13	794281	260	0.30	0.4	7.25	11	180	0.8	<2	3.78	<0.5	22	95	995	>10.00	<2	0.89	10	3.73	1296	1	1.27	889	0.04	12	<3	10	11	194	1.26	11	155	<10	80	85
SP21-05	794282	59.00	60.00	1.00	2128204	20	794282	120	0.06	0.7	8.99	12	50	1	<2	3.19	<0.5	29	66	300	>10.00	2	0.17	12	2.96	1056	1	2.46	344	0.08	13	<3	19	<10	406	1.59	11	226	<10	54	124
SP21-05	794283	60.00	61.00	1.00	2128204	7	794283	142	0.16	0.3	7.66	20	86	0.7	<2	2.99	<0.5	22	97	1063	>10.00	<2	0.39	10	3.38	1220	1	1.29	695	0.06	12	4	10	<10	258	1.30	11	233	<10	67	82
SP21-05	794284	61.00	62.00	1.00	2128204	<5	794284	48	0.18	0.2	6.85	18	64	0.7	<2	3.40	<0.5	23	121	1283	>10.00	<2	0.33	10	3.83	1352	<1	0.79	**0.15%**	0.06	10	4	12	<10	175	1.17	12	234	<10	87	72

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-05	794285	62.00	63.00	1.00	2128204	24	794285	326	0.13	0.3	8.13	10	105	0.8	<2	5.09	0.6	30	71	285	9.71	<2	0.40	12	2.51	1099	<1	2.18	344	0.07	9	<3	17	<10	503	1.47	10	219	<10	52	98
SP21-05	794286	63.00	64.00	1.00	2128204	6	794286	42	0.05	0.4	7.41	14	79	1	<2	5.26	<0.5	26	67	341	8.69	<2	0.30	11	2.60	1076	<1	2.24	287	0.07	5	3	20	<10	460	1.30	8	218	<10	52	93
SP21-05	794287	64.00	65.00	1.00	2128204	<5	794287	19	0.03	0.3	9.15	11	48	1.3	<2	3.17	<0.5	31	46	184	7.93	<2	0.19	13	2.83	886	1	3.76	181	0.09	7	<3	14	<10	311	1.56	6	258	<10	48	101
SP21-05	794288	65.00	66.00	1.00	2128204	6	794288	54	0.06	0.4	8.71	14	57	1	<2	5.56	<0.5	29	61	176	9.66	<2	0.23	12	2.78	1134	1	2.93	173	0.09	10	<3	11	<10	376	1.55	10	249	<10	63	100
SP21-05	794289	66.00	67.00	1.00	2128204	572	794289	71	0.58	0.3	8.17	13	87	1	<2	5.21	<0.5	24	67	418	9.35	2	0.35	10	2.26	1070	1	2.93	338	0.07	6	<3	10	13	428	1.36	9	243	<10	55	93
SP21-05	794290	67.00	68.00	1.00	2128204	5	794290	43	0.17	0.2	7.60	16	74	0.9	<2	4.19	<0.5	23	91	732	10.00	2	0.33	10	2.70	1210	<1	2.38	671	0.06	11	<3	12	<10	233	1.21	10	222	<10	59	84
SP21-05	794291	68.00	69.00	1.00	2128204	8	794291	12	0.11	0.2	6.74	20	37	0.9	<2	3.99	<0.5	18	85	632	9.99	<2	0.19	8	4.23	1374	<1	1.60	686	0.06	11	<3	10	12	122	1.08	9	212	<10	75	65
SP21-05	794292	69.00	70.00	1.00	2128204	<5	794292	85	0.49	0.5	7.51	7	106	1.1	<2	4.97	<0.5	21	78	476	9.41	<2	0.45	10	1.95	1244	1	2.94	523	0.08	11	<3	<10	<10	316	1.23	9	204	<10	59	37
SP21-05	794293	70.00	71.00	1.00	2128204	<5	794293	61	0.24	0.4	7.68	12	120	1.5	<2	3.83	<0.5	25	74	378	8.80	<2	0.52	10	2.31	1022	1	2.93	395	0.09	7	<3	17	<10	250	1.29	7	230	<10	55	96
SP21-05	794294	71.00	72.00	1.00	2128204	<5	794294	34	0.20	0.3	7.07	17	115	1.1	<2	3.98	<0.5	18	95	597	>10.00	<2	0.60	8	3.57	1260	<1	2.20	682	0.05	8	<3	15	<10	143	1.13	10	217	<10	72	65
SP21-05	794295	72.00	73.00	1.00	2128204	<5	794295	17	0.10	0.3	7.19	20	52	0.9	<2	4.17	<0.5	21	81	621	9.29	<2	0.27	9	3.85	1188	<1	2.42	689	0.08	9	<3	18	<10	139	1.18	9	244	<10	66	73
SP21-05	794296	73.00	74.00	1.00	2128204	15	794296	33	0.12	0.3	7.35	18	67	1.2	<2	5.11	<0.5	22	79	483	9.75	<2	0.33	10	3.73	1365	1	2.36	582	0.08	7	<3	19	<10	209	1.20	11	210	<10	74	83
SP21-05	794297	74.00	75.00	1.00	2128204	<5	794297	22	0.04	0.5	7.71	15	72	1.9	<2	4.88	<0.5	87	44	169	7.36	<2	0.44	34	2.57	960	<1	3.01	171	0.18	4	<3	<10	<10	315	0.96	6	103	<10	51	327
SP21-05	794298	75.00	76.00	1.00	2128204	17	794298	43	0.22	0.7	8.01	10	142	1.9	<2	5.46	<0.5	53	63	262	8.75	<2	0.59	22	2.30	1181	1	2.53	158	0.15	5	<3	20	<10	476	1.55	8	261	<10	55	188
SP21-05	794299	76.00	77.00	1.00	2128204	7	794299	23	0.24	0.4	7.24	18	167	2.2	<2	4.98	<0.5	50	55	382	9.67	<2	0.78	21	3.41	1357	<1	2.02	366	0.09	5	<3	14	<10	260	1.18	9	170	<10	76	196
SP21-05	794300	77.00	78.00	1.00	2128204	13	794300	25	0.35	0.2	4.67	8	92	1.9	<2	1.95	<0.5	76	19	256	5.30	<2	0.37	33	1.79	633	2	1.59	95	0.06	5	6	<10	<10	146	0.37	3	55	<10	39	115
SP21-05	794301	78.00	79.00	1.00	2128204	25	794301	224	2.62	0.7	9.56	10	166	3.8	<2	3.04	<0.5	156	37	89	8.41	<2	0.50	72	1.20	578	2	4.35	27	0.44	9	<3	<10	15	606	1.18	7	59	<10	73	302
SP21-05	794302	79.00	80.00	1.00	2128204	<5	794302	48	0.19	0.4	7.60	10	210	1.6	<2	7.00	0.7	65	34	108	7.90	<2	0.91	30	2.85	1546	2	2.30	58	0.20	5	<3	<10	<10	424	1.45	6	153	<10	72	90
SP21-05	794303	80.00	81.00	1.00	2128204	<5	794303	34	0.12	0.4	8.36	7	321	1.7	<2	6.34	0.5	71	35	75	8.31	<2	1.30	33	3.02	1547	3	2.20	49	0.22	10	<3	<10	<10	624	1.59	9	168	<10	71	103
SP21-05	794304	81.00	82.00	1.00	2128204	<5	794304	53	0.45	0.4	8.63	10	289	1.7	<2	4.56	<0.5	77	26	44	8.45	<2	1.16	35	3.01	1140	1	2.49	25	0.24	8	<3	<10	<10	612	1.69	9	172	<10	63	136
SP21-05	794305	82.00	83.00	1.00	2128204	105	794305	150	0.94	0.4	7.90	9	250	1.5	<2	4.64	0.5	66	30	53	8.48	<2	1.12	31	2.69	1036	2	2.40	23	0.21	5	<3	<10	10	547	1.49	8	154	<10	56	86
SP21-05	794306	83.00	84.00	1.00	2128204	21	794306	62	0.57	0.5	7.66	7	252	1.8	<2	6.11	0.5	67	34	58	8.10	<2	1.23	31	2.65	1184	1	1.86	27	0.21	307	<3	<10	<10	757	1.43	8	150	<10	54	139
SP21-05	794307	84.00	85.00	1.00	2128204	66	794307	30	0.33	0.3	8.74	5	266	1.8	<2	5.88	<0.5	77	32	58	8.50	<2	1.39	35	2.96	1274	1	2.12	23	0.25	7	<3	<10	<10	794	1.64	8	158	<10	58	131
SP21-05	794308	85.00	86.00	1.00	2128204	18	794308	107	1.12	0.5	8.81	8	324	2	<2	3.88	<0.5	81	30	38	9.17	<2	2.03	37	2.84	889	1	2.64	18	0.26	7	<3	<10	11	715	1.64	8	148	<10	53	123
SP21-05	794309	86.00	87.00	1.00	2128204	55	794309	120	1.48	0.5	8.95	5	264	1.8	<2	3.60	0.5	88	26	47	9.52	<2	1.67	40	2.31	653	<1	3.00	11	0.29	10	<3	<10	<10	808	1.65	8	128	<10	44	179
SP21-05	794310	87.00	88.00	1.00	2128204	149	794310	185	1.67	0.5	8.12	7	227	1.6	3	3.44	<0.5	78	21	64	9.48	<2	1.42	34	2.07	582	1	2.71	9	0.26	7	<3	<10	<10	720	1.41	9	117	<10	42	167
SP21-05	794311	88.00	89.00	1.00	2128204	195	794311	558	2.18	0.6	8.52	10	110	1.6	<2	2.82	<0.5	85	28	48	9.46	<2	0.66	38	3.12	583	1	3.00	16	0.29	11	<3	<10	<10	279	1.55	8	124	<10	38	203
SP21-05	794312	89.00	90.00	1.00	2128204	180	794312	755	5.06	0.4	6.82	7	191	1.5	<2	2.57	<0.5	71	56	214	>10.00	<2	0.98	33	1.84	342	<1	2.36	61	0.27	11	<3	<10	11	319	1.41	13	156	<10	31	135
SP21-05	794313	90.00	91.00	1.00	2128204	120	794313	631	4.61	0.4	6.91	7	158	1.9	<2	2.78	<0.5	70	61	132	>10.00	<2	0.99	32	1.68	338	1	2.29	52	0.26	11	<3	<10	<10	338	1.38	12	122	<10	29	148
SP21-05	794314	91.00	92.00	1.00	2128204	9	794314	817	5.78	0.5	6.45	8	210	1.4	<2	2.72	<0.5	59	82	248	>10.00	<2	1.33	27	1.57	353	1	1.75	79	0.23	16	<3	<10	18	206	1.36	15	165	<10	33	109
SP21-05	794315	92.00	93.00	1.00	2128204	22	794315	650	6.27	0.4	6.65	9	213	1.2	<2	2.81	0.5	60	73	231	>10.00	<2	1.51	28	1.50	309	<1	1.73	87	0.20	11	<3	<10	11	201	1.37	14	165	<10	36	107
SP21-05	794316	93.00	94.00	1.00	2128204	14	794316	610	5.49	0.5	7.08	5	236	1.5	<2	2.99	0.6	64	63	243	>10.00	<2	1.61	30	1.57	348	<1	1.86	75	0.21	16	<3	<10	<10	224	1.46	14	197	<10	37	112
SP21-05	794317	94.00	95.00	1.00	2128204	81	794317	432	4.48	0.5	6.66	<5	238	1.6	<2	2.71	<0.5	64	55	262	>10.00	<2	1.26	31	1.98	535	1	1.58	54	0.23	14	<3	<10	<10	174	1.38	13	197	<10	38	128
SP21-05	794318	95.00	96.00	1.00	2128204	476	794318	709	5.29	0.4	6.70	7	232	2.1	<2	3.15	<0.5	80	77	112	>10.00	<2	1.00	38	1.12	537	1	2.53	25	0.22	11	<3	<10	12	254	1.08	12	89	<10	28	142
SP21-05	794319	96.00	97.00	1.00	2128204	255	794319	422	4.25	0.4	7.84	<5	209	2.2	<2	2.45	0.5	79	52	68	>10.00	<2	0.79	36	1.57	519	2	3.03	11	0.28	9	<3	<10	<10	231	1.39	9	111	<10	29	136
SP21-05	794320	97.00	98.00	1.00	2128204	112	794320	356	3.80	0.4	7.74	7	184	2.3	<2	2.71	<0.5	73	37	87	9.88	<2	0.81	31	1.21	337	1	3.16	16	0.24	8	<3	<10	<10	268	1.35	10	103	<10	36	72
SP21-05	794321	98.00	99.00	1.00	2128204	1514	794321	718	7.53	0.6	7.24	5	144	2.2	<2	2.36	<0.5	79	76	77	>10.00	<2	0.61	36	0.94	337	1	3.16	26	0.25	19	<3	<10	<10	230	1.37	15	114	<10	30	158
SP21-05	794322	99.00	100.00	1.00	2128204	23	794322	191	2.21	0.4	7.34	10	148	1.2	<2	3.02	<0.5	46	54	412	>10.00	<2	0.52	20	2.33	1083	1	2.11	271	0.15	13	<3	<10	<10	156	1.30	11	172	<10	42	127
SP21-05	794323	100.00	101.00	1.00	2128204	21	794323	38	0.53	0.3	6.42	17	170	1.4	<2	4.03	0.5	25	79	730	>10.00	<2	0.59	11	2.63	1741	1	1.10	601	0.07	13	<3	<10	<10	109	0.94	10	211	<10	64	63
SP21-05	794324	101.00	102.00	1.00	2128204	<5	794324	6	0.09	0.5	6.92	9	279	3.3	<2	1.31	<0.5	122	21	187	8.04	<2	0.65	49	1.67	908	1	1.71	96	0.05	9	<3	<10	<10	149	0.64	5	105	<10	37	385
SP21-05	794325	102.00	103.00	1.00	2128204	<5	794325	5	0.11	0.6	8.03	7	188	3.9	<2	0.82	<0.5	127	20	131	9.38	<2	0.43	49	1.76	890	1	2.48	91	0.06	10	<3	<10	<10	154	0.74	6	114	<10	46	423

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-05	794326	103.00	104.00	1.00	2128204	<5	794326	<5	0.06	<0.2	8.32	9	239	4.1	<2	0.75	<0.5	113	21	163	8.83	2	0.52	48	1.63	911	1	2.67	108	0.06	7	<3	<10	<10	148	0.81	5	119	<10	39	62
SP21-05	794327	104.00	105.00	1.00	2128204	<5	794327	11	0.38	0.4	7.83	9	163	4.5	<2	0.88	<0.5	123	19	137	8.34	<2	0.43	51	1.92	1021	1	2.59	89	0.07	8	<3	<10	<10	155	0.76	5	117	<10	36	256
SP21-05	794328	105.00	106.00	1.00	2128204	14	794328	24	0.54	0.6	7.86	7	145	3.8	<2	0.94	<0.5	146	15	102	6.36	<2	0.38	57	1.24	763	1	3.42	62	0.06	5	<3	<10	<10	186	0.55	3	64	<10	28	472
SP21-05	794329	106.00	107.00	1.00	2128204	<5	794329	21	0.40	0.7	7.57	5	123	3.9	<2	1.02	0.6	137	17	102	8.19	<2	0.28	55	1.26	1145	2	3.02	61	0.05	7	<3	<10	<10	167	0.51	5	61	<10	58	451
SP21-05	794330	107.00	108.00	1.00	2128204	37	794330	236	2.39	0.8	7.36	7	171	3	<2	2.03	<0.5	118	33	71	9.96	<2	0.60	48	1.22	800	1	2.87	33	0.13	10	<3	<10	<10	198	0.84	8	71	<10	49	373
SP21-05	794331	108.00	109.00	1.00	2128204	<5	794331	52	1.26	0.4	7.81	10	199	4.3	<2	1.80	1	153	8	85	6.99	<2	0.33	63	0.84	1342	2	3.75	29	0.04	6	<3	<10	<10	219	0.40	4	25	<10	202	307
SP21-05	794332	109.00	110.00	1.00	2128204	<5	794332	19	0.35	0.6	7.47	12	109	3.5	<2	1.58	1	140	15	96	5.95	<2	0.23	56	1.32	1192	2	3.53	67	0.05	3	<3	<10	<10	195	0.51	3	55	<10	210	409
SP21-05	794333	110.00	111.00	1.00	2128204	13	794333	60	0.46	0.3	5.39	9	77	1.1	<2	4.10	<0.5	19	76	586	9.06	<2	0.46	8	4.73	1819	1	0.38	601	0.05	7	<3	<10	<10	94	0.86	10	144	<10	132	68
SP21-05	794334	111.00	112.00	1.00	2128204	<5	794334	48	0.33	0.2	6.75	5	76	1	<2	4.12	<0.5	21	63	298	8.87	<2	0.32	9	3.73	1795	<1	1.39	261	0.07	9	<3	<10	<10	197	1.05	8	196	<10	111	59
SP21-05	794335	112.00	113.00	1.00	2128204	<5	794335	55	0.27	0.3	6.04	9	99	0.8	<2	5.88	<0.5	29	65	365	8.74	<2	0.70	13	4.96	1498	<1	0.36	395	0.09	9	<3	<10	<10	174	1.13	8	199	<10	111	57
SP21-05	794336	113.00	114.00	1.00	2128204	12	794336	70	0.29	0.3	7.19	7	104	1	<2	4.06	0.6	35	75	422	9.64	<2	0.58	16	5.57	1760	<1	0.57	415	0.09	11	<3	<10	<10	134	1.35	10	231	<10	126	76
SP21-05	794337	114.00	115.00	1.00	2128204	10	794337	38	0.22	0.5	8.36	10	265	2.7	<2	2.33	<0.5	97	39	119	9.36	<2	0.83	40	2.34	1540	1	2.25	93	0.16	8	<3	<10	10	289	1.35	8	175	<10	126	237
SP21-05	794338	115.00	116.00	1.00	2128204	25	794338	37	0.38	0.7	8.38	7	316	2.7	<2	2.25	<0.5	98	40	133	9.59	<2	0.98	39	2.33	1607	3	2.22	101	0.16	8	<3	<10	<10	233	1.36	8	183	<10	114	338
SP21-05	794339	116.00	117.00	1.00	2128204	128	794339	221	2.42	0.4	7.54	6	306	2	<2	2.99	0.5	70	59	289	>10.00	<2	1.35	30	2.17	949	<1	2.04	229	0.17	7	<3	<10	<10	206	1.15	10	152	<10	60	163
SP21-05	794340	117.00	118.00	1.00	2128204	241	794340	271	3.20	0.3	6.00	8	182	1.7	<2	2.29	0.7	61	37	125	>10.00	<2	0.80	27	1.84	495	1	1.54	12	0.18	11	<3	<10	15	144	1.03	10	79	<10	42	52
SP21-05	794341	118.00	119.00	1.00	2128204	191	794341	549	4.99	0.5	7.68	8	231	2.5	<2	2.38	<0.5	81	49	70	>10.00	<2	0.88	36	1.48	443	1	2.87	16	0.24	11	<3	<10	<10	232	1.38	11	111	<10	30	160
SP21-05	794342	119.00	120.10	1.10	2128204	572	794342	541	6.64	0.5	7.01	5	181	2.1	<2	2.01	<0.5	74	64	74	>10.00	<2	0.62	34	1.10	418	1	2.84	21	0.26	15	<3	<10	<10	205	1.33	15	110	<10	34	139
SP21-05	794343	120.10	120.50	0.40	2128204	44	794343	92	0.63	0.3	7.40	10	196	1.4	<2	2.71	<0.5	49	46	245	8.80	<2	0.77	20	3.24	1466	1	1.76	175	0.15	9	<3	<10	<10	201	1.21	8	206	<10	62	156
SP21-06	794344	6.00	7.00	1.00	2128165	<5	794344	219	0.23	<0.2	7.43	58	237	1.4	<2	4.27	<0.5	75	43	402	7.55	<2	0.94	34	3.75	1665	2	2.36	289	0.33	<2	3	12	<10	215	1.19	12	132	<10	91	148
SP21-06	794345	7.00	8.00	1.00	2128165	<5	794345	304	1.12	0.3	7.68	18	334	1.5	<2	4.95	<0.5	115	23	35	8.29	<2	1.19	50	1.84	1591	2	3.34	4	0.45	4	<3	<10	21	204	1.20	13	63	<10	65	250
SP21-06	794346	8.00	9.00	1.00	2128165	<5	794346	76	0.32	<0.2	7.95	8	346	1.7	<2	3.79	<0.5	121	18	34	8.00	<2	1.29	54	1.86	1654	2	3.42	4	0.48	5	<3	<10	<10	210	1.29	10	59	<10	84	220
SP21-06	794347	9.00	10.00	1.00	2128165	<5	794347	<5	0.02	<0.2	7.97	<5	288	1.8	<2	3.56	<0.5	123	16	44	8.03	<2	1.27	54	2.06	1775	1	3.21	14	0.49	2	<3	<10	<10	211	1.32	10	59	<10	68	218
SP21-06	794348	10.00	11.00	1.00	2128165	<5	794348	41	0.42	<0.2	9.98	9	264	1.8	<2	2.44	<0.5	134	11	32	7.08	<2	1.07	60	1.62	1455	2	4.21	2	0.31	5	<3	<10	<10	219	0.94	6	25	<10	39	186
SP21-06	794349	11.00	12.00	1.00	2128165	9	794349	179	1.30	<0.2	9.14	17	394	3	<2	3.90	<0.5	150	33	75	7.67	<2	1.33	70	1.78	1372	2	3.35	39	0.27	4	<3	16	<10	499	1.26	9	98	<10	52	147
SP21-06	794350	12.00	13.00	1.00	2128165	5	794350	13	0.06	<0.2	7.17	12	210	1.1	<2	5.45	<0.5	78	36	127	9.04	<2	1.38	35	3.97	1845	1	1.20	84	0.37	3	<3	<10	11	173	1.61	14	185	<10	81	105
SP21-06	794351	13.00	14.25	1.25	2128165	1012	794351	962	0.27	0.5	6.64	16	367	0.9	<2	6.49	<0.5	69	124	287	>10.00	9	1.98	35	2.21	2109	1	0.47	153	0.18	8	<3	<10	16	229	1.40	20	131	<10	156	94
SP21-06	794352	14.25	14.85	0.60	2128165	1214	794352	9853	1.91	4.8	5.93	14	406	0.6	<2	6.22	4.5	48	91	201	>10.00	<2	2.55	25	1.64	1836	<1	0.14	96	0.23	9	<3	11	18	207	1.33	23	146	<10	360	45
SP21-06	794353	14.85	16.00	1.15	2128165	12	794353	2113	0.71	0.9	7.52	<5	243	1.8	<2	5.09	2.2	74	50	108	10.00	<2	1.67	34	2.21	1145	1	1.42	60	0.25	9	<3	12	12	344	1.57	19	146	<10	130	100
SP21-06	794354	16.00	17.00	1.00	2128165	16	794354	396	0.20	0.2	9.84	6	464	3.2	<2	4.32	0.5	152	26	49	7.96	<2	2.48	73	1.01	889	2	2.80	16	0.42	7	<3	<10	<10	474	1.42	13	82	<10	58	183
SP21-06	794355	17.00	18.00	1.00	2128165	<5	794355	<5	0.01	<0.2	8.83	13	353	3.5	<2	3.59	<0.5	144	13	57	4.54	<2	1.39	63	0.62	568	1	3.76	2	0.49	<2	<3	<10	<10	384	1.22	5	42	<10	29	210
SP21-06	794356	18.00	19.00	1.00	2128165	32	794356	18	0.10	<0.2	10.25	14	449	2.8	<2	1.93	<0.5	157	37	42	9.10	<2	3.01	74	0.84	953	1	1.67	11	0.47	7	<3	<10	13	223	1.23	10	44	<10	44	159
SP21-06	794357	19.00	20.00	1.00	2128165	933	794357	60	1.59	0.2	11.28	16	508	2.7	<2	1.53	<0.5	152	53	37	>10.00	<2	3.97	69	0.50	1057	2	1.41	30	0.31	6	<3	<10	14	289	2.48	13	260	<10	43	331
SP21-06	794358	20.00	21.00	1.00	2128165	49	794358	<5	0.03	<0.2	10.86	7	749	2.7	<2	1.87	<0.5	192	22	41	10.00	<2	4.09	92	0.76	980	1	1.14	7	0.52	<2	<3	<10	12	207	1.34	13	45	<10	43	159
SP21-06	794359	21.00	22.00	1.00	2128165	12	794359	<5	0.01	0.4	10.68	<5	660	2.7	<2	1.66	<0.5	186	13	35	9.56	<2	4.47	83	0.59	913	2	0.61	5	0.50	8	<3	<10	<10	161	1.30	7	49	<10	39	442
SP21-06	794360	22.00	23.00	1.00	2128165	9	794360	58	0.36	0.2	10.79	12	432	3.4	<2	2.39	<0.5	224	53	47	8.37	<2	2.76	105	0.61	652	1	3.14	7	0.46	2	<3	<10	15	377	1.30	6	44	<10	39	356
SP21-06	794361	23.00	24.00	1.00	2128165	53	794361	34	0.51	<0.2	10.68	6	457	3.5	<2	1.59	<0.5	127	37	45	>10.00	<2	2.87	55	0.69	1088	1	2.40	27	0.29	<2	<3	<10	10	274	2.39	11	223	<10	37	331
SP21-06	794362	24.00	25.00	1.00	2128165	<5	794362	20	0.09	<0.2	10.21	11	321	1.7	<2	1.57	<0.5	80	57	127	>10.00	<2	1.58	36	1.89	2149	2	1.17	58	0.22	6	<3	<10	10	167	2.64	16	307	12	56	133
SP21-06	794363	25.00	26.00	1.00	2128165	<5	794363	101	0.37	<0.2	11.98	<5	782	2.4	<2	1.58	<0.5	82	63	197	>10.00	4	3.03	40	1.28	2648	2	1.66	176	0.20	4	<3	<10	24	219	3.14	14	390	<10	49	79
SP21-06	794364	26.00	27.00	1.00	2128165	6	794364	365	0.82	<0.2	11.54	11	832	2.1	<2	1.47	<0.5	54	71	398	>10.00	<2	2.97	26	1.37	2189	1	1.70	357	0.08	9	<3	<10	15	242	2.36	16	358	<10	51	51
SP21-06	794365	27.00	28.00	1.00	2128165	<5	794365	189	0.59	<0.2	8.11	44	62	1.2	2	2.20	<0.5	33	102	859	>10.00	6	0.31	16	3.54	1998	3	1.03	819	0.10	5	<3	<10	11	144	1.48	21	226	<10	74	78

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-06	794366	28.00	29.00	1.00	2128165	<5	794366	59	0.04	<0.2	7.43	12	33	1.1	<2	4.33	<0.5	25	70	380	>10.00	7	0.24	13	2.97	1839	2	1.27	340	0.12	12	<3	<10	24	196	1.40	19	235	<10	60	51
SP21-06	794367	29.00	30.00	1.00	2128165	9	794367	91	0.31	<0.2	6.99	12	104	0.9	<2	3.78	<0.5	25	73	835	>10.00	7	0.64	13	1.93	1621	2	1.38	581	0.10	11	<3	<10	11	264	1.36	21	236	<10	54	79
SP21-06	794368	30.00	31.00	1.00	2128165	59	794368	239	0.77	<0.2	9.12	13	96	1	<2	3.03	<0.5	27	61	303	>10.00	4	0.57	14	1.61	1360	<1	2.32	202	0.09	9	<3	<10	10	398	1.40	16	239	<10	44	15
SP21-06	794369	31.00	32.00	1.00	2128165	<5	794369	55	0.22	<0.2	8.08	15	61	1.2	2	4.63	<0.5	25	64	632	>10.00	2	0.33	12	2.16	1615	1	2.11	374	0.09	6	<3	<10	<10	409	1.44	21	256	<10	51	90
SP21-06	794370	32.00	33.00	1.00	2128165	<5	794370	7	0.04	<0.2	6.80	11	12	0.6	<2	5.35	<0.5	17	79	725	>10.00	4	0.06	10	4.10	1945	1	0.59	554	0.07	13	<3	<10	10	133	1.08	24	235	<10	66	32
SP21-06	794371	33.00	34.00	1.00	2128165	<5	794371	68	0.33	<0.2	5.14	25	9	0.5	2	4.56	<0.5	12	105	1462	>10.00	4	0.04	7	4.64	1554	2	0.26	**0.15%**	0.04	7	9	<10	13	70	0.85	24	154	<10	72	33
SP21-06	794372	34.00	35.00	1.00	2128165	<5	794372	99	0.28	<0.2	5.29	35	42	0.9	<2	3.92	<0.5	22	75	612	7.43	2	0.45	11	2.23	1081	2	1.42	595	0.06	4	44	<10	14	152	0.95	12	138	<10	46	57
SP21-06	794373	35.00	36.00	1.00	2128165	<5	794373	37	0.03	<0.2	4.89	44	34	0.8	2	4.01	<0.5	17	40	300	6.10	2	0.49	9	1.64	1051	3	1.45	253	0.07	4	9	<10	22	167	0.90	12	144	<10	32	30
SP21-06	794374	36.00	37.00	1.00	2128165	<5	794374	79	0.03	<0.2	4.52	30	36	0.9	<2	5.87	<0.5	15	40	238	5.07	3	0.47	8	1.29	1060	3	1.44	138	0.05	7	10	<10	11	258	0.85	13	133	<10	24	29
SP21-06	794375	37.00	38.00	1.00	2128165	9	794375	68	0.09	<0.2	3.99	103	21	1	<2	6.79	<0.5	11	79	638	7.50	4	0.26	6	2.15	1324	2	0.44	652	0.04	5	49	<10	18	244	0.74	18	119	<10	44	48
SP21-06	794376	38.00	39.00	1.00	2128165	5	794376	13	0.05	<0.2	3.66	108	31	1.1	<2	7.11	<0.5	10	47	302	6.36	4	0.36	6	1.80	1224	7	0.64	321	0.04	7	21	<10	19	192	0.64	19	119	<10	35	17
SP21-06	794377	39.00	40.00	1.00	2128165	<5	794377	<5	0.05	<0.2	6.67	16	58	1.2	<2	5.43	<0.5	25	45	253	7.82	<2	0.46	13	2.20	1392	5	2.10	208	0.08	2	3	<10	<10	321	1.23	20	197	<10	42	51
SP21-06	794378	40.00	41.00	1.00	2128165	<5	794378	18	0.04	<0.2	7.79	37	73	1.1	<2	4.59	<0.5	23	68	421	>10.00	4	0.47	12	2.93	1926	1	2.37	338	0.12	4	<3	11	13	271	1.49	21	268	<10	58	51
SP21-06	794379	41.00	42.00	1.00	2128165	<5	794379	<5	0.01	<0.2	1.81	33	16	0.7	<2	####	<0.5	6	17	128	2.88	3	0.13	4	0.71	1580	1	0.51	91	0.02	4	4	<10	<10	440	0.32	13	51	<10	16	16
SP21-06	794380	42.00	43.00	1.00	2128165	<5	794380	<5	<0.01	<0.2	2.07	15	23	0.9	<2	####	<0.5	9	15	128	2.52	17	0.20	5	0.65	1505	2	0.67	89	0.02	<2	4	<10	15	451	0.34	14	51	<10	12	15
SP21-06	794381	43.00	44.00	1.00	2128165	<5	794381	112	0.11	<0.2	4.70	94	13	1.6	2	6.00	<0.5	12	79	1359	9.22	10	0.13	7	3.35	1446	6	0.49	1081	0.05	4	80	<10	18	153	0.79	23	153	<10	67	27
SP21-07	794493	6.00	7.00	1.00	2128165	829	794493	642	4.38	<0.2	5.17	<5	99	1.2	<2	3.81	<0.5	67	46	330	>10.00	2	0.73	35	2.47	793	22	1.16	149	0.13	13	9	<10	28	96	1.25	21	76	<10	33	66
SP21-07	794494	7.00	8.00	1.00	2128165	819	794494	967	5.83	0.5	5.70	5	110	1.8	2	3.60	<0.5	74	53	299	>10.00	<2	0.96	38	2.75	644	1	1.73	209	0.15	15	<3	<10	<10	84	1.24	18	93	<10	51	137
SP21-07	794495	8.00	9.00	1.00	2128165	649	794495	488	3.50	0.3	5.98	9	80	1.7	<2	7.59	<0.5	79	42	259	>10.00	<2	0.80	40	2.34	1075	<1	1.59	164	0.16	6	<3	<10	12	149	1.31	12	91	<10	38	106
SP21-07	794496	9.00	10.00	1.00	2128165	49	794496	243	1.36	0.4	5.68	8	80	1.5	<2	9.28	<0.5	67	45	203	9.23	<2	0.88	34	4.05	1428	1	0.58	121	0.16	8	<3	<10	12	161	1.26	11	144	<10	57	89
SP21-07	794497	10.00	11.00	1.00	2128165	398	794497	438	2.92	0.4	5.54	8	67	1.4	<2	8.13	<0.5	74	40	287	>10.00	<2	0.98	37	2.25	1350	1	1.55	146	0.14	8	<3	<10	14	195	1.28	11	93	<10	43	114
SP21-07	794498	11.00	12.00	1.00	2128165	186	794498	563	2.79	0.4	5.40	9	49	1.1	<2	5.50	0.5	75	36	294	>10.00	<2	0.82	37	3.72	1031	1	0.75	120	0.16	12	<3	<10	14	92	1.26	16	138	<10	52	146
SP21-07	794499	12.00	13.00	1.00	2128165	19	794499	720	4.29	0.6	7.03	14	51	1.7	<2	3.60	<0.5	84	44	287	>10.00	<2	0.44	41	2.82	571	3	2.41	120	0.27	7	<3	<10	10	140	1.42	16	159	<10	47	176
SP21-07	794500	13.00	14.00	1.00	2128165	24	794500	168	1.97	0.6	15.82	10	442	3.3	<2	2.36	<0.5	125	34	271	>10.00	<2	2.59	57	1.07	1099	5	3.11	191	0.32	2	<3	<10	12	226	1.83	10	217	<10	37	276
SP21-07	794501	14.00	15.00	1.00	2128165	1270	794501	11	0.24	0.4	9.75	11	267	2.4	<2	1.60	<0.5	74	46	45	>10.00	<2	1.67	33	1.38	1598	1	2.42	37	0.29	4	<3	<10	11	156	2.56	12	310	<10	44	90
SP21-07	794502	15.00	16.00	1.00	2128165	10	794502	89	1.05	0.4	9.44	11	234	2.2	<2	2.85	<0.5	76	39	60	8.17	3	1.57	33	1.73	1031	2	3.03	34	0.26	3	<3	<10	<10	186	2.54	7	287	<10	31	113
SP21-07	794503	16.00	17.00	1.00	2128165	14	794503	102	0.93	0.5	9.12	9	143	1.8	<2	3.00	<0.5	81	41	55	8.11	<2	0.77	35	2.04	885	2	3.41	49	0.28	5	<3	<10	<10	188	2.28	7	287	<10	41	140
SP21-07	794504	17.00	18.00	1.00	2128165	8	794504	34	0.27	0.4	8.50	7	75	1.5	<2	3.05	<0.5	87	32	45	9.00	<2	0.63	40	1.69	1322	2	3.06	4	0.29	5	<3	<10	<10	190	1.90	9	155	<10	58	135
SP21-07	794505	18.00	19.00	1.00	2128165	<5	794505	77	0.37	0.5	8.40	14	97	1.9	<2	3.47	<0.5	83	64	353	>10.00	<2	0.55	36	2.75	1731	1	2.14	318	0.26	7	<3	<10	10	202	1.47	11	162	<10	71	229
SP21-07	794506	19.00	20.00	1.00	2128165	20	794506	117	1.54	0.5	9.05	8	92	3	<2	2.61	<0.5	132	25	48	9.31	<2	0.61	60	1.28	1084	6	4.12	4	0.51	5	<3	<10	<10	293	1.31	9	62	<10	48	180
SP21-07	794507	20.00	21.00	1.00	2128165	12	794507	22	0.35	0.2	7.40	5	66	2.7	<2	3.08	<0.5	106	18	117	7.97	<2	0.76	48	1.38	1512	3	3.22	58	0.49	2	<3	<10	<10	300	1.13	8	50	<10	52	91
SP21-07	794508	21.00	22.00	1.00	2128165	12	794508	44	0.45	0.4	11.80	9	331	3.1	<2	2.58	<0.5	89	34	174	>10.00	<2	1.90	41	1.41	1456	2	2.42	68	0.34	5	<3	<10	<10	270	1.51	11	153	<10	57	116
SP21-08	794566	64.50	65.80	1.30	2128165	17	794566	50	0.25	0.3	6.05	16	39	1	<2	3.28	<0.5	47	48	356	7.75	<2	0.21	21	3.99	1096	1	1.13	233	0.14	6	<3	<10	<10	80	0.99	8	176	<10	50	66
SP21-08	794567	65.80	66.70	0.90	2128165	7985	794567	499	3.02	0.5	7.72	10	116	2.1	6	2.73	<0.5	101	33	93	9.95	<2	0.67	48	2.37	482	2	3.05	56	0.28	9	<3	<10	<10	234	1.32	11	111	<10	33	202
SP21-08	794568	66.70	67.80	1.10	2128165	1186	794568	980	4.69	0.4	6.77	11	207	1.3	<2	3.10	<0.5	63	47	221	>10.00	<2	1.36	31	1.93	292	1	2.14	75	0.26	13	<3	<10	<10	254	1.41	16	187	<10	31	114
SP21-08	794569	67.80	68.90	1.10	2128165	1882	794569	1025	5.26	0.4	6.37	8	211	1.1	<2	2.91	<0.5	57	55	233	>10.00	<2	1.60	28	1.86	281	1	1.82	69	0.23	10	<3	<10	11	201	1.35	17	173	<10	32	91
SP21-08	794570	68.90	70.00	1.10	2128165	6261	794570	1154	6.65	0.4	5.61	7	160	1	5	2.41	<0.5	49	68	236	>10.00	<2	1.26	24	1.51	236	3	1.77	87	0.21	17	<3	<10	<10	160	1.18	21	145	<10	34	76
SP21-08	794571	70.00	71.00	1.00	2128165	2076	794571	1610	8.29	0.4	6.04	9	182	1.1	<2	2.59	<0.5	55	73	358	>10.00	5	1.70	27	1.87	314	3	1.69	191	0.23	16	<3	<10	16	156	1.29	23	166	<10	43	79
SP21-08	794572	71.00	72.00	1.00	2128165	1557	794572	809	5.66	0.4	6.25	<5	177	1	<2	2.49	<0.5	54	44	240	>10.00	<2	2.05	26	2.56	426	1	1.31	108	0.23	19	<3	<10	<10	127	1.35	19	188	<10	43	95

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-08	794573	72.00	73.00	1.00	2128165	2580	794573	910	5.92	0.3	6.52	8	190	1.1	2	2.73	<0.5	59	48	199	>10.00	<2	2.13	29	2.23	372	1	1.62	124	0.21	15	<3	<10	<10	153	1.43	21	198	<10	41	90
SP21-08	794574	73.00	74.00	1.00	2128165	2097	794574	988	5.14	0.3	6.78	6	220	1.3	<2	3.25	<0.5	60	41	224	>10.00	<2	1.49	30	1.50	311	1	2.20	89	0.19	10	<3	<10	13	206	1.43	17	166	<10	30	96
SP21-08	794575	74.00	75.00	1.00	2128165	731	794575	788	3.88	0.4	6.96	8	189	1.7	<2	2.87	<0.5	91	33	185	>10.00	<2	1.15	43	1.49	347	2	2.64	64	0.18	10	<3	<10	<10	207	1.07	11	112	<10	27	166
SP21-08	794576	75.00	76.00	1.00	2128165	2299	794576	1008	5.79	0.4	6.39	8	306	1	<2	2.76	0.5	55	40	231	>10.00	<2	1.94	27	1.77	295	1	1.83	99	0.16	13	<3	<10	11	173	1.38	17	184	<10	32	95
SP21-08	794577	76.00	77.00	1.00	2128165	402	794577	637	3.54	0.2	8.25	5	190	3.1	<2	3.01	<0.5	124	31	163	9.67	<2	1.28	65	1.85	494	2	3.19	81	0.28	5	<3	<10	<10	217	0.84	10	50	<10	26	95
SP21-08	794578	77.00	78.00	1.00	2128165	349	794578	792	3.91	0.4	6.83	14	143	2.2	<2	2.59	<0.5	112	38	135	>10.00	<2	1.69	56	3.16	647	1	1.44	65	0.24	13	<3	<10	<10	121	1.26	17	160	<10	51	169
SP21-08	794579	78.00	79.00	1.00	2128165	1700	794579	920	6.13	0.6	6.00	8	145	2.1	<2	2.22	<0.5	92	52	247	>10.00	<2	1.90	48	2.44	387	1	1.36	111	0.19	12	<3	<10	<10	133	1.30	23	148	<10	40	194
SP21-08	794580	79.00	80.00	1.00	2128165	793	794580	1181	5.83	0.6	5.44	6	134	1.2	<2	1.78	<0.5	79	46	315	>10.00	<2	2.04	41	3.84	549	1	0.53	118	0.16	13	<3	<10	12	49	1.19	24	147	<10	47	182
SP21-08	794581	80.00	81.00	1.00	2128165	1420	794581	779	3.41	0.8	5.62	6	144	1.3	<2	3.17	<0.5	79	40	301	>10.00	<2	1.93	41	4.06	754	1	0.57	125	0.16	9	<3	<10	<10	60	1.17	18	146	<10	47	169
SP21-08	794582	81.00	82.00	1.00	2128165	514	794582	578	3.98	0.5	6.18	6	179	2	<2	2.16	<0.5	100	30	130	>10.00	<2	0.92	50	1.61	366	2	2.45	41	0.21	6	<3	<10	<10	152	1.02	10	94	<10	21	194
SP21-08	794583	82.00	83.00	1.00	2128165	140	794583	484	3.02	0.5	7.70	<5	281	3	<2	2.20	<0.5	140	23	413	8.40	<2	1.35	67	1.88	421	8	2.93	203	0.27	4	<3	<10	<10	212	0.90	8	66	<10	20	304
SP21-08	794584	83.00	84.00	1.00	2128165	273	794584	436	2.66	<0.2	7.11	8	190	2.8	<2	1.84	<0.5	142	18	125	6.93	<2	0.94	73	1.65	338	3	3.33	45	0.37	3	<3	<10	<10	167	0.73	7	36	<10	16	106
SP21-08	794585	84.00	85.00	1.00	2128165	877	794585	1199	3.80	0.3	8.03	6	240	2.5	<2	1.98	<0.5	150	27	81	9.10	<2	1.20	76	1.59	297	1	3.20	7	0.35	6	<3	<10	12	182	0.85	9	56	<10	21	115
SP21-08	794586	85.00	86.00	1.00	2128165	1354	794586	585	3.42	0.6	7.45	13	98	1.8	<2	1.84	<0.5	157	22	74	8.68	<2	0.54	77	1.70	315	1	3.78	8	0.36	6	<3	<10	<10	118	0.77	9	41	<10	19	312
SP21-08	794587	86.00	87.00	1.00	2128165	580	794587	184	1.82	0.3	7.77	5	224	2.4	<2	2.35	<0.5	144	11	75	6.53	<2	0.96	70	1.84	516	1	3.25	8	0.32	8	<3	<10	<10	219	0.92	6	58	<10	17	170
SP21-08	794588	87.00	88.00	1.00	2128165	15	794588	183	1.60	0.5	7.71	6	184	1.7	<2	2.63	<0.5	76	39	266	8.50	2	0.77	35	2.73	754	2	2.43	190	0.21	6	<3	<10	<10	253	1.36	11	160	<10	35	185
SP21-08	794589	88.00	89.00	1.00	2128165	<5	794589	97	0.60	0.3	7.51	5	168	1.1	<2	3.86	<0.5	32	50	238	8.27	<2	0.59	14	2.42	1234	1	1.94	134	0.09	8	<3	<10	<10	428	1.23	11	226	<10	54	114
SP21-09	794615	117.50	118.25	0.75	2128165	<5	794615	249	0.81	0.3	7.41	9	171	1	<2	4.95	<0.5	40	59	431	9.12	<2	0.66	19	3.54	1481	<1	2.11	307	0.13	7	<3	<10	<10	176	1.11	8	181	<10	87	112
SP21-09	794616	118.25	119.00	0.75	2128165	<5	794616	587	2.05	0.3	6.67	8	142	1.2	<2	5.02	<0.5	72	75	283	8.82	<2	0.52	33	2.35	1034	2	2.75	215	0.26	4	<3	<10	<10	199	1.10	8	123	<10	56	181
SP21-09	794617	129.00	130.00	1.00	2128165	<5	794617	113	0.49	0.3	7.92	10	97	1	<2	2.45	<0.5	35	70	554	9.41	<2	0.58	16	5.41	1888	2	0.98	362	0.12	6	<3	<10	<10	137	1.23	10	218	<10	88	99
SP21-09	794618	130.00	131.00	1.00	2128165	<5	794618	59	0.34	0.2	9.81	9	376	2.6	<2	2.53	<0.5	64	39	165	7.99	<2	1.38	31	1.95	1808	4	2.71	100	0.09	8	<3	<10	<10	447	1.00	9	254	<10	51	67
SP21-09	794619	131.00	132.00	1.00	2128165	<5	794619	101	0.68	0.6	9.83	6	556	2.6	<2	3.47	<0.5	96	41	61	8.05	<2	1.88	44	1.78	2160	7	2.31	55	0.22	4	<3	<10	<10	384	1.69	11	287	<10	49	122
SP21-09	794620	132.00	133.00	1.00	2128165	<5	794620	192	1.20	0.2	9.17	9	827	3.2	<2	1.62	<0.5	90	39	100	7.10	<2	3.09	44	1.83	1190	6	1.33	57	0.10	5	<3	<10	<10	155	0.55	11	214	<10	39	111
SP21-09	794621	133.00	134.00	1.00	2128165	<5	794621	114	0.94	<0.2	9.58	5	931	3.7	<2	1.34	<0.5	93	30	95	6.59	<2	4.18	46	1.76	1030	4	0.99	61	0.07	6	<3	<10	<10	117	0.52	10	211	<10	35	102
SP21-09	794622	134.00	135.00	1.00	2128165	11	794622	129	1.02	0.2	9.57	7	1021	3.6	<2	0.96	<0.5	96	30	104	6.23	<2	4.88	47	1.63	783	7	0.74	62	0.06	4	<3	<10	<10	81	0.49	12	250	<10	30	102
SP21-09	794623	135.00	136.00	1.00	2128165	7	794623	125	0.68	0.2	10.08	<5	977	3.1	<2	1.05	<0.5	93	28	122	5.96	<2	4.29	45	1.81	809	9	0.86	56	0.07	2	<3	<10	<10	92	0.49	10	246	<10	29	111
SP21-09	794624	141.00	142.00	1.00	2128165	<5	794624	120	1.44	0.3	7.42	7	324	1.3	<2	2.67	<0.5	27	52	481	9.18	<2	1.57	12	1.84	1082	2	2.02	248	0.09	2	<3	<10	<10	216	1.19	9	254	<10	42	54
SP21-09	794625	142.00	143.00	1.00	2128165	<5	794625	306	2.95	0.3	8.19	5	355	1.8	<2	2.44	<0.5	31	89	648	>10.00	2	1.71	14	2.92	1012	<1	1.74	331	0.08	11	<3	<10	<10	224	1.33	14	292	<10	60	91
SP21-09	794626	143.00	144.00	1.00	2128165	<5	794626	185	1.83	0.3	8.59	8	607	1.8	<2	4.51	<0.5	43	50	344	9.76	<2	2.96	20	2.65	1019	2	1.63	163	0.08	6	<3	<10	<10	275	1.23	11	333	<10	55	103
SP21-09	794627	144.00	145.00	1.00	2128165	<5	794627	158	1.67	0.4	8.55	5	548	1.6	<2	2.90	<0.5	35	57	393	9.99	<2	2.89	15	2.63	1106	1	1.81	238	0.12	6	<3	<10	<10	245	1.45	10	315	<10	56	99
SP21-09	794628	145.00	146.00	1.00	2128165	7	794628	82	0.98	0.3	8.24	10	283	1.3	<2	4.06	<0.5	39	55	323	9.55	<2	1.51	18	3.06	1423	1	1.51	219	0.12	6	<3	<10	<10	230	1.43	11	287	<10	58	114
SP21-09	794629	146.00	147.00	1.00	2128165	7	794629	99	1.14	0.3	7.79	19	323	1.9	<2	3.10	<0.5	33	56	537	8.65	<2	1.68	15	2.76	998	2	1.83	368	0.09	10	<3	<10	<10	208	1.24	8	247	<10	45	104
SP21-09	794630	147.00	148.00	1.00	2128165	13	794630	477	2.95	0.4	6.48	17	221	1.3	<2	3.21	<0.5	25	92	853	>10.00	<2	1.22	12	3.22	1069	1	1.10	599	0.08	13	<3	<10	<10	113	1.10	14	230	<10	51	61
SP21-09	794631	148.00	149.00	1.00	2128165	<5	794631	509	4.51	0.3	5.96	11	127	1	<2	4.21	<0.5	23	124	885	>10.00	<2	0.56	11	2.99	1051	1	1.11	656	0.08	15	4	<10	<10	123	1.00	18	227	<10	55	54
SP21-09	794632	149.00	150.00	1.00	2128165	<5	794632	133	1.23	0.2	5.53	10	92	1.4	<2	2.23	<0.5	21	50	643	7.50	<2	0.45	11	2.32	817	3	1.63	293	0.09	4	<3	<10	<10	166	1.12	7	214	<10	41	38
SP21-09	794633	150.00	151.00	1.00	2128165	7	794633	286	2.53	0.3	7.76	7	74	1.4	<2	2.85	<0.5	31	76	651	>10.00	<2	0.42	15	2.79	791	1	2.47	344	0.11	8	<3	<10	<10	209	1.38	11	275	<10	47	24
SP21-09	794634	151.00	152.00	1.00	2128165	<5	794634	255	2.72	0.4	7.66	6	86	1.6	<2	3.64	0.5	28	69	361	9.52	<2	0.43	13	1.82	755	1	3.37	252	0.10	8	<3	<10	14	264	1.23	9	235	<10	38	32
SP21-09	794635	152.00	153.00	1.00	2128165	<5	794635	179	2.09	0.3	7.71	<5	50	1.5	<2	3.90	0.5	59	48	49	9.74	<2	0.24	26	2.58	937	1	2.90	47	0.22	7	<3	<10	<10	180	2.06	9	286	<10	47	80

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-09	794636	153.00	154.00	1.00	2128165	<5	794636	89	1.30	0.3	6.95	7	172	1.7	<2	5.02	0.5	59	35	73	9.20	<2	1.10	26	2.45	1066	2	2.12	22	0.22	5	<3	<10	13	197	2.02	9	269	<10	46	84
SP21-09	794637	154.00	155.00	1.00	2128165	<5	794637	122	1.16	0.4	6.48	8	102	1.5	<2	4.73	<0.5	55	30	79	7.95	<2	0.62	23	2.40	883	1	2.01	36	0.19	4	<3	<10	<10	163	1.79	7	239	<10	39	112
SP21-09	794638	155.00	156.00	1.00	2128165	<5	794638	292	2.26	0.4	7.99	6	114	2.1	<2	3.65	<0.5	63	41	57	9.45	<2	0.59	28	2.16	718	2	3.20	19	0.22	7	<3	<10	<10	271	2.14	8	267	<10	43	66
SP21-09	794639	156.00	157.00	1.00	2128165	<5	794639	169	1.61	0.4	7.91	<5	94	2.1	<2	4.66	<0.5	69	31	48	7.54	<2	0.43	29	1.64	718	1	3.91	13	0.25	3	<3	<10	<10	239	1.98	6	227	<10	30	127
SP21-09	794640	157.00	158.00	1.00	2128165	9	794640	219	1.94	0.5	7.67	5	71	1.8	<2	3.84	<0.5	70	40	44	8.18	<2	0.35	28	1.92	618	1	3.72	14	0.25	4	<3	<10	10	193	1.90	7	227	<10	33	188
SP21-09	794641	158.00	159.00	1.00	2128165	<5	794641	122	1.10	0.5	6.98	9	54	1.6	<2	4.81	<0.5	65	29	31	7.75	<2	0.31	25	2.09	919	1	3.00	7	0.23	5	<3	<10	<10	190	1.72	7	212	<10	35	206
SP21-09	794642	159.00	160.00	1.00	2128165	16	794642	500	2.47	0.5	6.79	7	20	1.5	<2	3.00	<0.5	70	57	62	>10.00	<2	0.10	29	2.84	971	1	2.37	8	0.24	6	<3	<10	<10	124	1.57	11	187	<10	43	222
SP21-09	794643	160.00	161.00	1.00	2128165	122	794643	24	0.49	0.2	7.28	7	58	2.2	<2	3.98	<0.5	70	27	32	8.62	<2	0.28	30	2.61	1480	1	2.48	3	0.25	7	<3	<10	<10	175	1.49	8	158	<10	47	90
SP21-09	794644	170.40	171.40	1.00	2128165	13	794644	57	0.44	0.2	9.32	18	94	2.4	<2	4.04	<0.5	68	30	59	8.87	<2	0.66	29	1.92	1734	3	2.68	17	0.24	7	<3	<10	<10	285	1.33	8	138	<10	76	96
SP21-09	794645	171.40	172.40	1.00	2128165	54	794645	200	3.95	0.6	6.97	6	78	1.7	<2	2.12	<0.5	70	94	81	>10.00	<2	0.35	29	1.64	1563	2	2.65	28	0.25	16	<3	<10	13	163	1.29	15	140	<10	81	245
SP21-09	794646	172.40	173.40	1.00	2128165	8	794646	19	0.27	0.4	7.67	6	75	2.3	<2	4.83	<0.5	75	33	30	8.85	<2	0.25	30	2.21	1849	1	2.67	10	0.26	2	<3	<10	<10	241	1.67	8	198	<10	73	222
SP21-09	794647	174.00	175.00	1.00	2128165	116	794647	191	2.28	0.7	7.61	6	30	1.7	<2	2.37	<0.5	66	51	66	>10.00	<2	0.11	27	2.05	2127	1	2.71	14	0.23	7	<3	<10	10	152	1.91	12	246	<10	78	d
SP21-09	794648	175.00	176.00	1.00	2128165	10	794648	96	1.09	0.6	7.31	6	33	1.9	<2	4.56	<0.5	63	42	33	9.83	<2	0.12	26	1.99	2556	1	2.73	11	0.21	7	<3	<10	12	229	2.01	10	302	<10	73	177
SP21-10	794590	5.00	6.00	1.00	2128165	<5	794590	38	0.27	0.4	5.77	12	149	1.1	<2	7.15	<0.5	69	52	228	7.03	<2	1.27	35	4.47	1451	1	0.44	123	0.14	7	<3	<10	<10	183	1.27	10	168	<10	55	101
SP21-10	794591	6.00	7.00	1.00	2128165	<5	794591	27	0.09	0.3	6.60	13	117	1.5	<2	4.20	<0.5	86	52	416	7.36	<2	0.99	41	6.52	1350	4	0.80	260	0.18	6	<3	<10	<10	69	1.34	10	222	<10	56	175
SP21-10	794592	7.00	8.00	1.00	2128165	<5	794592	<5	0.01	0.3	8.16	7	172	1.7	<2	3.50	<0.5	87	37	169	7.07	<2	1.17	42	6.80	1062	2	1.27	104	0.22	4	<3	<10	<10	90	1.41	9	200	<10	50	159
SP21-10	794593	8.00	9.00	1.00	2128165	<5	794593	16	0.09	0.3	6.80	11	241	2	<2	7.26	<0.5	79	39	214	7.38	<2	1.82	39	5.19	1278	1	0.75	119	0.19	7	5	<10	<10	249	1.30	10	162	<10	57	126
SP21-10	794594	9.00	10.00	1.00	2128165	<5	794594	14	0.08	0.3	5.71	11	258	1.8	<2	####	<0.5	77	38	170	6.48	<2	2.22	39	4.07	1337	1	0.65	118	0.17	4	<3	<10	<10	252	1.26	10	152	<10	54	116
SP21-10	794595	10.00	11.00	1.00	2128165	1040	794595	794	4.68	0.4	5.89	5	232	1.7	<2	4.67	<0.5	82	47	263	>10.00	<2	2.04	42	2.54	843	1	1.98	174	0.15	10	<3	<10	<10	185	1.30	15	112	<10	46	120
SP21-10	794596	11.00	12.00	1.00	2128165	368	794596	266	1.96	0.2	5.90	7	188	1.5	<2	8.85	<0.5	90	25	299	7.53	<2	1.92	48	2.14	1352	1	0.99	102	0.17	6	<3	<10	12	243	1.27	10	110	<10	35	102
SP21-10	794597	12.00	13.00	1.00	2128165	<5	794597	48	0.23	0.2	4.76	7	100	1.5	<2	8.99	<0.5	63	35	423	5.90	<2	0.96	32	3.72	1251	6	0.42	240	0.12	4	<3	<10	<10	156	1.03	8	142	<10	44	115
SP21-10	794598	13.00	14.00	1.00	2128165	5	794598	63	0.38	0.2	5.50	6	129	1.3	<2	9.73	0.5	66	45	194	6.91	<2	1.30	32	4.16	1229	1	0.22	121	0.12	2	<3	<10	<10	179	1.27	11	194	<10	48	112
SP21-10	794599	14.00	15.00	1.00	2128165	875	794599	174	1.14	0.3	6.83	9	148	1.7	<2	7.32	<0.5	79	48	127	6.71	<2	1.25	38	3.00	1031	1	1.50	81	0.14	4	<3	<10	<10	190	1.37	10	112	<10	38	95
SP21-10	794600	15.00	16.00	1.00	2128165	5	794600	704	4.12	0.4	5.93	7	128	1.6	<2	8.07	<0.5	76	63	261	9.73	<2	0.71	38	1.93	1116	1	1.53	114	0.18	10	<3	<10	<10	193	1.28	13	110	<10	36	99
SP21-10	794601	16.00	17.00	1.00	2128165	940	794601	943	5.85	0.4	5.95	6	83	1.6	<2	5.32	<0.5	82	51	223	>10.00	<2	0.57	41	1.94	757	1	2.41	112	0.18	10	<3	<10	<10	141	1.26	18	85	<10	37	142
SP21-10	794602	17.00	18.00	1.00	2128165	27	794602	1077	6.79	0.5	5.54	7	79	1.7	<2	3.87	<0.5	80	50	239	>10.00	<2	0.67	41	1.84	456	1	2.40	118	0.21	10	<3	<10	14	143	1.17	20	97	<10	37	160
SP21-10	794603	18.00	19.00	1.00	2128165	8	794603	489	2.76	0.4	9.23	6	157	3	<2	2.60	<0.5	169	18	67	6.66	<2	0.85	81	1.27	335	16	4.71	35	0.31	2	<3	<10	<10	272	0.74	7	46	<10	19	316
SP21-10	794604	19.00	20.00	1.00	2128165	10	794604	338	2.39	0.4	9.66	12	136	3.4	<2	3.12	<0.5	170	15	91	5.67	<2	1.06	80	0.87	255	2	4.40	41	0.36	<2	<3	<10	<10	272	0.83	6	43	<10	17	277
SP21-10	794605	20.00	21.00	1.00	2128165	<5	794605	318	2.30	0.5	10.96	13	74	2.9	<2	4.05	<0.5	160	18	81	6.15	<2	0.62	76	0.93	300	4	4.97	24	0.34	2	<3	<10	<10	292	0.87	6	55	<10	19	296
SP21-10	794606	21.00	22.00	1.00	2128165	<5	794606	345	2.59	0.4	9.55	12	139	3.3	<2	3.93	<0.5	145	26	83	7.59	<2	1.23	68	1.29	341	2	4.15	41	0.41	4	<3	<10	10	363	1.39	6	102	<10	26	236
SP21-10	794607	22.00	23.00	1.00	2128165	419	794607	74	1.07	0.5	10.79	10	582	2.9	<2	2.37	<0.5	114	38	65	9.42	<2	3.51	53	1.24	1324	2	2.27	37	0.35	6	<3	<10	10	211	2.53	10	325	<10	41	195
SP21-10	794608	23.00	24.00	1.00	2128165	18	794608	183	1.60	0.6	9.06	10	242	2.1	<2	2.52	<0.5	77	61	42	9.84	<2	1.65	34	1.79	1012	2	2.67	38	0.25	6	<3	<10	10	154	2.40	11	332	<10	37	148
SP21-10	794609	24.00	25.00	1.00	2128165	5	794609	379	2.81	0.6	9.10	6	139	2.1	<2	4.14	<0.5	77	72	47	9.26	<2	1.16	32	2.34	421	2	3.48	41	0.25	4	<3	<10	<10	237	2.34	10	369	<10	35	236
SP21-10	794610	25.00	26.00	1.00	2128165	<5	794610	64	0.77	0.5	9.98	12	150	2.5	<2	4.47	0.6	91	28	51	6.36	<2	1.07	42	2.60	555	1	4.15	34	0.28	5	<3	<10	<10	246	2.65	7	402	<10	31	160
SP21-10	794611	26.00	27.00	1.00	2128165	<5	794611	38	0.38	0.6	8.89	8	114	2.1	<2	3.95	<0.5	80	44	47	9.95	<2	0.97	34	2.43	1476	1	2.65	32	0.24	7	<3	<10	<10	203	2.32	12	293	<10	51	257
SP21-10	794612	52.30	53.30	1.00	2128165	<5	794612	43	1.11	0.2	8.07	5	554	2.8	<2	5.91	0.5	90	23	80	7.52	<2	2.09	41	1.04	1292	3	3.39	47	0.33	3	<3	<10	<10	462	1.25	6	83	<10	83	59

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-10	794613	91.00	92.00	1.00	2128165	<5	794613	9	0.04	0.3	5.52	<5	307	2.2	<2	1.00	<0.5	104	8	160	5.66	<2	1.51	49	1.19	517	1	1.63	6	0.14	2	<3	<10	<10	198	0.38	4	36	<10	73	233
SP21-10	794614	92.00	93.00	1.00	2128165	<5	794614	<5	0.01	<0.2	1.86	<5	145	0.9	<2	1.50	<0.5	35	5	132	1.63	<2	0.59	16	0.32	190	1	0.46	7	0.05	<2	<3	<10	<10	87	0.13	<2	41	<10	17	83
SP21-11	794649	5.00	6.00	1.00	2128165	254	794649	188	2.96	0.6	8.42	8	70	1.6	<2	2.57	<0.5	54	68	90	>10.00	<2	0.39	24	2.38	942	1	2.86	75	0.18	10	<3	<10	<10	196	1.88	12	267	<10	40	140
SP21-11	794650	6.00	7.00	1.00	2128165	63	794650	85	1.22	0.5	8.84	<5	57	1.4	<2	2.68	<0.5	56	59	69	>10.00	<2	0.35	24	2.95	1051	1	2.63	63	0.18	9	<3	<10	11	168	1.96	10	333	<10	39	180
SP21-11	794651	7.00	8.00	1.00	2128165	392	794651	194	2.75	0.4	9.06	<5	125	1.9	<2	3.36	0.5	55	76	72	>10.00	<2	0.68	25	1.60	893	1	3.46	79	0.17	9	<3	<10	<10	260	1.86	11	307	<10	30	69
SP21-11	794652	8.00	9.00	1.00	2128165	82	794652	97	1.55	0.3	8.67	5	47	1.4	<2	2.44	<0.5	50	53	166	>10.00	<2	0.27	23	2.65	1108	3	2.62	134	0.16	7	<3	<10	<10	140	1.81	10	321	<10	38	57
SP21-11	794653	9.00	10.00	1.00	2128165	14	794653	56	0.93	0.4	9.62	8	169	2.2	<2	2.67	0.5	60	40	71	10.00	<2	0.80	27	2.11	1360	1	3.69	67	0.19	4	<3	<10	<10	246	2.18	9	328	<10	34	77
SP21-11	794654	10.00	11.00	1.00	2128165	<5	794654	35	0.41	0.5	9.35	8	200	1.8	<2	2.38	<0.5	56	42	127	>10.00	<2	0.88	24	3.07	1496	<1	2.32	101	0.18	7	<3	<10	<10	204	2.11	11	309	<10	44	154
SP21-11	794655	11.00	12.00	1.00	2128165	17	794655	53	0.54	0.6	10.28	5	279	2.1	<2	2.48	<0.5	64	48	180	>10.00	<2	1.12	26	2.06	1508	1	3.23	123	0.19	8	<3	<10	<10	358	2.38	10	312	<10	39	213
SP21-11	794656	12.00	13.00	1.00	2128165	11	794656	148	1.14	0.3	9.67	6	197	2	<2	2.26	<0.5	47	77	235	>10.00	<2	0.68	22	2.11	1379	1	3.12	233	0.14	9	<3	<10	<10	371	2.03	11	277	<10	38	35
SP21-11	794657	13.00	14.00	1.00	2128165	<5	794657	66	0.26	0.2	7.40	9	57	1.2	<2	3.85	<0.5	29	52	463	9.07	<2	0.31	13	2.68	1353	3	2.07	357	0.10	8	<3	<10	<10	130	1.22	9	253	<10	38	24
SP21-11	794658	14.00	15.00	1.00	2128165	<5	794658	187	0.62	0.3	7.87	18	49	1.8	<2	2.86	<0.5	26	95	398	9.26	<2	0.30	12	3.28	1057	3	2.51	350	0.09	7	<3	<10	<10	111	1.36	8	251	<10	34	24
SP21-11	794659	15.00	16.00	1.00	2128165	76	794659	258	1.97	0.3	7.74	9	44	1.6	<2	2.26	<0.5	33	97	471	>10.00	<2	0.28	15	3.66	989	<1	2.18	341	0.10	9	<3	<10	<10	88	1.40	12	268	<10	38	89
SP21-11	794660	16.00	17.00	1.00	2128165	24	794660	90	0.77	0.3	6.77	29	87	1.1	<2	5.14	<0.5	24	77	505	9.70	<2	0.67	12	4.42	1437	1	1.22	439	0.09	6	<3	<10	<10	112	1.20	11	257	<10	41	45
SP21-11	794661	17.00	18.00	1.00	2128165	29	794661	59	0.70	0.3	6.40	36	87	1.2	<2	4.24	<0.5	23	77	604	9.77	<2	0.70	11	4.79	1349	<1	0.76	551	0.08	9	<3	<10	<10	81	1.12	11	236	<10	58	36
SP21-11	794662	18.00	19.00	1.00	2128165	197	794662	205	1.72	0.4	6.77	8	65	1.2	<2	2.38	<0.5	29	65	533	>10.00	<2	0.55	14	5.08	1153	1	0.95	431	0.11	12	4	<10	13	54	1.31	12	235	<10	106	72
SP21-11	794663	19.00	20.00	1.00	2128165	6	794663	770	6.09	0.4	5.62	5	89	1.6	<2	2.39	<0.5	72	58	257	>10.00	4	0.61	37	2.41	576	<1	1.96	144	0.17	12	<3	<10	<10	105	1.19	19	138	<10	53	154
SP21-11	794664	20.00	21.00	1.00	2128165	913	794664	767	6.63	0.4	8.07	7	68	1.5	<2	2.21	<0.5	89	55	392	>10.00	<2	0.30	37	2.04	483	1	2.28	151	0.08	14	<3	<10	16	128	1.29	18	98	<10	42	76
SP21-11	794665	21.00	22.00	1.00	2128165	527	794665	1473	7.29	1.5	5.85	<5	63	1.7	<2	3.91	<0.5	76	60	366	>10.00	<2	0.35	38	1.53	495	1	2.91	203	0.07	15	<3	<10	13	160	1.39	18	85	<10	39	127
SP21-11	794666	22.00	23.00	1.00	2128165	1521	794666	582	5.13	0.4	6.37	7	62	1.9	<2	3.29	<0.5	84	50	352	>10.00	<2	0.33	42	1.95	544	<1	2.90	147	0.09	15	<3	<10	<10	162	1.45	16	116	<10	38	130
SP21-11	794667	23.00	24.00	1.00	2128165	1054	794667	491	3.22	0.6	6.56	<5	31	1	<2	4.28	<0.5	77	41	205	>10.00	<2	0.18	38	4.48	857	1	0.92	124	0.15	17	<3	<10	13	90	1.47	18	178	<10	62	124
SP21-11	794668	24.00	25.00	1.00	2128165	731	794668	470	3.69	0.3	5.50	<5	37	0.9	<2	5.40	<0.5	62	51	183	>10.00	<2	0.25	31	3.71	741	1	0.88	125	0.14	17	4	<10	11	107	1.23	15	150	<10	70	98
SP21-11	794669	25.00	26.00	1.00	2128165	25	794669	18	0.24	0.4	7.28	5	33	1.2	<2	4.49	<0.5	88	33	129	8.25	<2	0.23	42	5.28	782	1	1.44	63	0.27	8	<3	<10	<10	159	1.30	8	150	<10	38	124
SP21-11	794670	26.00	27.00	1.00	2128165	273	794670	99	1.17	0.2	7.79	<5	100	2.1	<2	4.04	<0.5	113	20	70	7.53	<2	0.78	54	3.07	475	<1	3.30	24	0.23	5	<3	<10	<10	285	1.11	6	92	<10	25	96
SP21-11	794671	27.00	28.00	1.00	2128165	259	794671	136	1.68	0.2	7.56	8	65	2	<2	3.59	<0.5	102	26	90	9.00	<2	0.61	50	3.82	422	1	2.87	50	0.29	9	<3	<10	<10	197	1.24	9	131	<10	27	129
SP21-11	794672	28.00	29.00	1.00	2128165	216	794672	306	1.37	0.5	8.06	9	40	2.1	<2	3.84	<0.5	113	34	66	8.70	3	0.40	53	4.14	438	1	2.94	34	0.30	3	<3	<10	<10	186	1.20	9	113	<10	29	224
SP21-11	794673	29.00	30.00	1.00	2128165	<5	794673	61	0.34	0.4	7.80	5	39	1.3	<2	3.14	<0.5	94	26	134	9.36	<2	0.50	45	5.82	465	<1	1.23	60	0.25	7	<3	<10	<10	89	1.37	10	176	<10	32	180
SP21-11	794674	30.00	31.00	1.00	2128165	260	794674	291	1.56	0.5	8.19	8	42	2.3	<2	3.50	<0.5	133	26	51	8.82	<2	0.56	63	4.14	471	1	2.94	21	0.32	8	<3	<10	<10	168	1.09	8	84	<10	27	254
SP21-11	794675	31.00	32.00	1.00	2128165	21	794675	327	1.39	0.4	7.49	8	51	1.6	<2	2.22	<0.5	103	24	124	9.77	<2	0.85	49	5.55	704	1	1.36	66	0.24	6	<3	<10	12	79	1.24	10	148	<10	34	208
SP21-11	794676	32.00	33.00	1.00	2128165	536	794676	479	2.82	0.4	6.73	8	<5	0.8	<2	1.73	<0.5	91	36	171	>10.00	<2	0.07	44	6.29	647	1	0.49	77	0.21	7	<3	<10	<10	32	1.26	15	133	<10	40	183
SP21-11	794677	33.00	34.00	1.00	2128165	1439	794677	1023	5.99	0.4	5.65	7	12	1.5	<2	1.59	<0.5	66	66	359	>10.00	<2	0.05	32	4.26	442	2	1.02	206	0.18	13	<3	<10	<10	51	1.12	19	108	<10	38	145
SP21-11	794678	34.00	35.00	1.00	2128165	200	794678	815	3.64	0.6	7.41	9	47	3.2	<2	4.12	<0.5	96	69	127	>10.00	<2	0.61	46	3.04	490	1	2.90	97	0.30	10	<3	<10	10	203	1.30	14	130	<10	33	187
SP21-11	794679	35.00	36.00	1.00	2128165	371	794679	369	2.43	0.3	6.40	9	51	1.8	<2	6.77	<0.5	69	50	153	9.78	<2	0.70	34	3.75	909	1	1.67	166	0.12	9	<3	<10	11	189	1.41	10	147	<10	40	77
SP21-11	794680	36.00	37.00	1.00	2128165	<5	794680	227	1.56	0.2	6.39	6	98	1.3	<2	6.92	<0.5	73	50	156	>10.00	<2	1.85	37	5.01	1163	1	0.84	150	0.14	9	<3	<10	<10	131	1.41	11	159	<10	54	70
SP21-11	794681	37.00	38.00	1.00	2128165	514	794681	261	1.75	0.4	9.02	8	495	1.6	<2	4.06	<0.5	71	39	86	>10.00	<2	3.31	34	2.63	897	1	0.63	74	0.12	10	<3	<10	11	364	1.95	12	276	<10	44	152
SP21-11	794682	38.00	39.00	1.00	2128165	104	794682	227	1.70	0.2	10.21	9	415	2.7	<2	6.42	0.7	82	28	58	7.18	<2	2.53	40	1.03	478	2	2.17	44	0.29	6	<3	<10	<10	569	1.81	8	312	<10	25	64
SP21-11	794683	39.00	40.00	1.00	2128165	43	794683	190	2.70	0.5	7.93	5	58	2.6	<2	6.67	<0.5	117	21	23	6.93	<2	0.64	52	1.30	426	2	4.15	14	0.26	<2	<3	<10	<10	191	0.72	6	23	<10	22	257
SP21-11	794684	40.00	41.00	1.00	2128165	32	794684	324	2.80	0.3	11.41	9	52	3.1	<2	2.24	<0.5	143	24	117	7.01	<2	0.52	63	1.09	276	4	5.01	63	0.30	3	<3	<10	<10	248	0.85	5	23	<10	22	195
SP21-11	794685	41.00	41.80	0.80	2128165	85	794685	217	1.51	0.4	9.11	<5	48	2.7	<2	2.37	<0.5	138	16	54	5.54	<2	0.41	60	1.17	280	2	5.25	3	0.30	2	<3	<10	<10	208	0.85	3	19	<10	20	214
SP21-11	794686	41.80	42.80	1.00	2128165	9	794686	304	2.31	0.2	10.55	9	342	3.4	<2	4.44	<0.5	135	28	61	7.42	<2	2.29	66	1.20	339	4	3.26	20	0.26	3	<3	<10	<10	428	1.35	6	101	<10	22	150

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-11	794687	42.80	43.80	1.00	2128165	41	794687	171	1.32	<0.2	9.85	7	210	3.4	<2	3.73	<0.5	146	20	33	5.91	3	1.50	67	1.53	311	2	3.80	15	0.32	2	<3	<10	<10	451	1.06	4	43	<10	20	104
SP21-11	794688	43.80	44.80	1.00	2128165	12	794688	636	4.75	0.4	8.32	10	146	3.2	<2	3.32	<0.5	122	53	69	>10.00	<2	1.74	58	1.81	328	1	3.09	15	0.30	14	<3	<10	10	346	1.07	12	74	<10	35	200
SP21-11	794689	44.80	46.40	1.60	2128165	7	794689	73	0.57	0.5	8.64	8	161	2.4	<2	4.00	<0.5	132	18	49	7.72	2	2.45	62	3.61	611	1	2.28	24	0.30	2	<3	<10	10	284	1.15	8	95	<10	45	257
SP21-11	794690	46.40	47.50	1.10	2128165	1696	794690	818	5.53	0.3	6.47	12	147	1.9	<2	3.08	<0.5	85	39	166	>10.00	<2	1.92	42	2.77	452	<1	1.69	113	0.19	16	<3	<10	<10	178	1.16	19	112	<10	47	138
SP21-11	794691	47.50	48.60	1.10	2128165	3201	794691	1448	8.90	0.3	5.13	7	107	1.5	5	2.37	<0.5	63	49	237	>10.00	<2	1.18	33	1.50	328	<1	1.64	160	0.14	22	<3	<10	11	142	1.06	22	85	<10	44	87
SP21-11	794692	48.60	49.75	1.15	2128165	1589	794692	958	4.72	0.5	5.22	9	44	1.7	<2	6.39	<0.5	66	45	220	>10.00	<2	0.46	33	2.46	1413	<1	1.25	114	0.15	14	<3	<10	<10	136	1.02	16	67	<10	45	105
SP21-11	794693	49.75	50.40	0.65	2128165	341	794693	243	1.84	0.2	5.60	7	51	1.3	<2	####	<0.5	69	29	234	8.73	<2	0.56	37	2.20	1491	1	0.33	111	0.20	6	<3	<10	<10	248	1.11	7	84	<10	36	55
SP21-11	794694	50.40	52.30	1.90	2128165	20	794694	31	0.21	0.3	6.02	7	92	2	<2	####	0.6	79	29	161	6.75	3	1.36	42	3.31	1356	1	1.08	127	0.16	3	<3	<10	<10	215	1.17	7	100	<10	48	90
SP21-11	794695	52.30	53.70	1.40	2128165	380	794695	17	0.15	<0.2	5.86	7	111	1.7	<2	9.87	<0.5	77	32	165	7.72	<2	2.02	40	3.99	1327	1	0.68	146	0.17	5	<3	<10	10	184	1.14	9	96	<10	62	98
SP21-11	794696	53.70	54.75	1.05	2128165	4830	794696	1368	6.94	0.5	5.68	7	65	1.6	4	3.79	<0.5	68	50	240	>10.00	<2	1.05	35	1.58	446	1	2.19	165	0.15	16	<3	<10	10	158	1.21	17	89	<10	44	96
SP21-11	794697	54.75	55.80	1.05	2128165	2378	794697	576	3.90	0.4	5.79	6	179	1.2	<2	2.37	<0.5	71	31	264	>10.00	<2	4.48	38	3.82	547	<1	0.64	110	0.11	11	<3	<10	12	55	1.30	19	147	<10	67	114
SP21-11	794698	55.80	56.85	1.05	2128165	1611	794698	809	3.57	0.3	6.51	10	160	1.2	<2	2.38	<0.5	73	26	203	>10.00	<2	2.97	36	3.79	552	1	0.99	94	0.18	10	<3	<10	12	72	1.34	18	136	<10	64	113
SP21-11	794699	56.85	57.90	1.05	2128165	1088	794699	731	4.60	0.4	6.44	7	126	2	<2	4.10	0.5	80	33	173	>10.00	2	1.27	40	1.89	510	1	2.16	92	0.17	9	<3	<10	<10	145	1.30	14	114	<10	44	150
SP21-11	794700	57.90	58.95	1.05	2128165	111	794700	246	1.84	0.3	6.16	10	95	2	<2	####	<0.5	77	29	179	8.54	<2	0.90	39	2.78	1430	1	1.22	76	0.16	5	4	<10	11	225	1.18	10	114	<10	44	122
SP21-11	794701	58.95	60.00	1.05	2128165	605	794701	300	2.87	0.3	5.48	9	144	1.6	<2	7.31	<0.5	66	37	247	>10.00	<2	1.61	33	2.78	1117	<1	1.25	134	0.15	8	<3	<10	<10	156	1.13	12	100	<10	53	103
SP21-11	794702	60.00	61.00	1.00	2128165	1724	794702	1652	8.37	0.6	4.91	11	159	1.5	2	2.57	<0.5	64	74	307	>10.00	<2	1.58	33	2.09	562	1	1.25	179	0.15	21	<3	<10	13	92	1.08	25	108	<10	61	111
SP21-11	794703	61.00	62.00	1.00	2128165	1311	794703	1393	8.02	0.5	4.53	6	132	1.5	<2	1.91	<0.5	62	64	276	>10.00	<2	1.34	32	1.69	271	1	1.31	155	0.15	16	<3	<10	<10	102	1.00	23	103	<10	43	124
SP21-11	794704	62.00	63.00	1.00	2128165	462	794704	585	3.72	0.2	7.16	11	138	2.1	<2	3.67	<0.5	106	26	137	>10.00	<2	1.36	52	1.70	245	4	2.45	61	0.28	6	<3	<10	10	202	1.03	11	85	<10	25	73
SP21-11	794705	63.00	64.00	1.00	2128165	970	794705	613	3.76	0.3	7.56	8	133	1.7	<2	3.60	<0.5	84	25	97	>10.00	<2	1.25	40	1.58	250	1	3.08	38	0.29	3	<3	<10	10	198	1.37	9	111	<10	24	151
SP21-11	794706	64.00	65.00	1.00	2128165	64	794706	161	1.20	0.3	8.91	6	435	1.9	<2	1.25	<0.5	81	34	246	8.90	3	1.82	38	1.52	1298	1	2.29	88	0.12	2	<3	<10	11	148	1.20	8	166	<10	32	139
SP21-11	794707	65.00	66.00	1.00	2128165	9	794707	24	0.22	0.6	10.15	9	475	2.2	<2	1.47	<0.5	77	42	302	9.32	<2	1.83	32	1.37	2213	2	2.61	118	0.23	6	<3	<10	<10	204	1.65	8	209	<10	45	237
SP21-11	794708	66.00	67.00	1.00	2128165	18	794708	96	1.03	0.3	9.84	5	289	3.6	<2	3.13	<0.5	105	20	47	7.19	<2	1.37	47	1.03	1295	1	3.63	15	0.63	6	<3	<10	<10	415	1.39	6	106	<10	45	158
SP21-12	794709	4.00	5.00	1.00	2128165	114	794709	305	2.64	0.5	8.13	6	86	1.4	<2	2.42	<0.5	51	63	76	>10.00	<2	0.51	23	1.92	1089	1	2.68	67	0.17	8	<3	<10	<10	196	1.77	12	323	<10	54	131
SP21-12	794710	5.00	6.00	1.00	2128165	24	794710	91	1.58	0.4	7.96	7	44	1.2	<2	2.22	<0.5	48	48	74	>10.00	<2	0.26	20	2.39	1128	2	2.26	56	0.16	5	<3	<10	<10	149	1.74	12	293	<10	47	114
SP21-12	794711	6.00	7.00	1.00	2128165	104	794711	64	1.04	0.2	8.87	9	126	2.2	<2	2.17	<0.5	48	36	66	>10.00	<2	0.75	22	1.70	1166	1	3.05	50	0.12	6	<3	<10	<10	274	1.88	10	276	<10	38	46
SP21-12	794712	7.00	8.00	1.00	2128165	77	794712	110	1.65	0.3	8.02	10	40	1.1	<2	2.05	<0.5	41	65	99	>10.00	<2	0.27	18	2.48	1301	1	1.84	101	0.15	8	<3	<10	<10	142	1.60	12	297	<10	44	49
SP21-12	794713	93.00	94.00	1.00	2128165	29	794713	80	0.78	0.2	5.11	13	23	0.9	<2	4.69	<0.5	19	67	605	8.55	<2	0.12	9	4.83	1544	1	0.51	490	0.06	8	<3	<10	<10	104	0.85	11	169	<10	82	35
SP21-12	794714	94.00	95.00	1.00	2128165	29	794714	143	1.99	0.4	7.52	7	149	2.4	<2	2.71	<0.5	91	31	72	6.95	<2	0.41	41	1.55	584	2	3.75	56	0.35	7	<3	<10	<10	354	1.25	8	92	<10	68	194
SP21-12	794715	95.00	95.80	0.80	2128165	446	794715	186	2.76	0.2	6.98	7	216	1.9	<2	3.14	<0.5	80	34	38	8.40	<2	0.73	38	1.58	695	1	3.19	25	0.31	9	<3	<10	12	346	1.17	10	89	<10	35	67
SP21-12	794716	95.80	96.80	1.00	2128165	<5	794716	56	0.80	0.3	6.99	8	178	1.6	<2	3.82	<0.5	70	24	29	7.35	<2	0.80	32	2.36	1073	1	2.66	11	0.24	5	<3	<10	<10	297	1.29	8	116	<10	47	112
SP21-12	794717	96.80	97.80	1.00	2128165	31	794717	170	2.03	0.2	8.00	10	267	1.7	<2	3.28	<0.5	79	28	61	8.05	<2	1.22	35	1.93	809	2	3.04	33	0.28	6	<3	<10	<10	326	1.21	10	94	<10	33	56
SP21-12	794718	97.80	99.00	1.20	2128165	3695	794718	361	3.00	0.3	7.62	8	255	2.4	9	2.73	<0.5	82	40	39	8.17	<2	0.76	38	1.24	413	1	3.67	7	0.30	8	<3	<10	<10	404	1.33	8	108	<10	21	86
SP21-12	794719	99.00	100.00	1.00	2128165	55	794719	598	5.40	0.5	7.24	10	307	2.7	<2	2.54	<0.5	82	66	48	>10.00	<2	0.76	37	0.90	317	1	3.48	11	0.28	8	<3	<10	<10	386	1.30	12	111	<10	21	162
SP21-12	794720	100.00	101.00	1.00	2128165	106	794720	638	5.58	0.4	7.10	5	361	2.3	<2	2.37	<0.5	82	71	46	>10.00	<2	1.06	38	0.87	290	1	3.43	10	0.28	8	<3	<10	<10	362	1.24	13	106	<10	22	153
SP21-12	794721	101.00	102.00	1.00	2128165	165	794721	611	5.63	0.5	6.87	8	329	2.3	<2	2.52	<0.5	78	71	46	>10.00	<2	1.07	36	0.78	243	1	3.25	11	0.28	9	<3	<10	<10	416	1.20	13	105	<10	22	150
SP21-12	794722	102.00	103.00	1.00	2128165	316	794722	851	6.74	0.4	6.73	10	269	2.2	<2	2.43	<0.5	75	85	53	>10.00	<2	1.12	35	0.92	236	1	3.26	11	0.28	11	<3	<10	10	378	1.18	16	99	<10	25	136
SP21-12	794723	103.00	104.00	1.00	2128165	69	794723	672	4.36	0.3	7.29	9	312	2.3	<2	2.82	<0.5	86	54	44	9.59	<2	1.30	40	1.08	315	1	3.29	7	0.32	6	<3	<10	<10	435	1.27	10	96	<10	21	181
SP21-12	794724	104.00	105.00	1.00	2128165	31	794724	434	4.29	0.3	7.77	8	290	2.6	<2	2.77	<0.5	81	53	56	9.16	<2	1.31	39	1.01	304	3	3.82	8	0.30	6	<3	<10	<10	407	1.27	11	108	<10	20	62
SP21-12	794725	105.00	106.00	1.00	2128165	10	794725	552	3.75	0.4	7.36	5	178	2.4	<2	2.45	<0.5	101	52	61	9.11	<2	0.79	49	1.06	299	1	3.85	10	0.31	5	<3	<10	<10	240	1.15	9	71	<10	21	141

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-12	794726	106.00	107.00	1.00	2128165	<5	794726	320	2.58	0.2	8.20	8	167	2.8	<2	2.10	<0.5	143	33	73	6.31	<2	0.66	69	0.76	227	2	4.30	8	0.31	3	<3	<10	<10	254	0.77	6	40	<10	14	199
SP21-12	794727	107.00	108.00	1.00	2128165	81	794727	637	4.75	0.5	7.33	8	218	2.4	<2	2.62	<0.5	85	60	50	9.88	<2	1.04	39	1.08	302	1	3.52	13	0.29	6	<3	<10	11	309	1.30	12	96	<10	23	173
SP21-12	794728	108.00	109.00	1.00	2128165	647	794728	787	4.71	0.5	7.34	10	197	2	<2	2.75	<0.5	85	68	61	>10.00	<2	0.97	40	1.13	270	1	3.40	13	0.34	7	<3	<10	11	299	1.28	12	89	<10	24	161
SP21-12	794729	109.00	110.00	1.00	2128165	247	794729	927	6.31	0.4	6.82	5	128	2.2	<2	2.48	<0.5	77	99	64	>10.00	<2	0.71	36	0.87	221	1	3.58	17	0.32	10	<3	<10	<10	333	1.21	14	85	<10	24	143
SP21-12	794730	110.00	111.00	1.00	2128165	217	794730	700	5.05	0.4	7.39	10	92	2.3	<2	2.36	<0.5	82	83	70	>10.00	<2	0.56	39	1.11	266	1	3.93	16	0.31	10	<3	<10	<10	293	1.30	12	104	<10	22	176
SP21-12	794731	111.00	112.00	1.00	2128165	72	794731	964	7.15	0.4	6.82	13	104	2.5	<2	2.20	<0.5	75	114	71	>10.00	<2	0.63	36	0.85	229	1	3.63	24	0.28	10	<3	<10	14	298	1.23	18	93	<10	25	145
SP21-12	794732	112.00	113.00	1.00	2128165	2306	794732	639	6.38	0.7	7.53	7	102	2.8	4	2.07	<0.5	74	109	217	>10.00	<2	0.65	35	0.74	360	4	3.37	30	0.25	10	<3	<10	10	246	1.20	14	82	<10	31	96
SP21-12	794733	113.00	114.00	1.00	2128165	281	794733	116	1.46	0.4	11.12	9	835	2.9	<2	1.12	<0.5	58	46	168	>10.00	<2	3.94	28	1.14	2030	2	1.72	90	0.17	7	<3	<10	<10	232	2.20	9	334	<10	37	99
SP21-12	794734	122.00	123.00	1.00	2128165	55	794734	172	1.79	0.3	6.34	39	73	0.6	<2	0.71	<0.5	19	83	851	>10.00	<2	0.44	9	3.77	1260	1	0.72	584	0.06	9	<3	<10	<10	39	1.08	13	214	<10	58	54
SP21-12	794735	123.00	124.00	1.00	2128165	26	794735	181	1.70	0.5	8.04	25	70	1.4	<2	1.25	<0.5	31	75	481	10.00	<2	0.36	14	2.84	1010	1	2.57	403	0.08	11	<3	<10	15	142	1.45	11	245	<10	45	105
SP21-12	794736	124.00	125.00	1.00	2128165	11	794736	129	1.80	0.3	7.35	24	42	1.2	<2	1.37	0.5	25	75	751	>10.00	<2	0.25	11	3.00	1192	1	1.82	580	0.09	6	<3	<10	12	104	1.26	12	236	<10	55	80
SP21-12	794737	125.00	126.00	1.00	2128165	21	794737	81	1.17	0.3	5.74	28	23	0.8	<2	2.87	<0.5	21	86	986	9.50	<2	0.08	10	2.85	1419	2	1.04	722	0.06	9	4	<10	12	82	1.02	11	179	<10	59	20
SP21-12	794738	126.00	127.00	1.00	2128165	15	794738	54	0.64	0.3	6.82	36	21	1.2	<2	2.59	<0.5	43	57	330	8.89	<2	0.09	19	2.98	1327	1	1.84	251	0.08	9	<3	<10	<10	113	1.09	8	192	<10	57	51
SP21-12	794739	127.00	128.00	1.00	2128165	263	794739	331	2.65	0.6	5.27	<5	30	1.7	<2	1.18	<0.5	82	52	187	9.94	<2	0.11	34	1.66	905	1	1.82	135	0.05	10	3	<10	<10	114	0.59	11	93	<10	39	242
SP21-12	794740	128.00	129.00	1.00	2128165	17	794740	123	1.98	0.8	7.48	<5	29	2.3	<2	0.76	<0.5	105	39	124	8.92	<2	0.10	40	2.23	867	1	3.07	70	0.07	8	<3	<10	12	146	0.88	9	125	<10	33	458
SP21-12	794741	129.00	130.00	1.00	2128165	11	794741	95	1.46	0.7	7.19	16	38	2.3	<2	0.57	<0.5	113	28	113	6.62	<2	0.14	42	1.66	667	1	3.41	51	0.07	2	<3	<10	<10	158	0.75	4	98	<10	20	435
SP21-12	794742	130.00	131.00	1.00	2128165	27	794742	116	1.63	0.6	6.80	7	121	2.6	<2	1.03	<0.5	98	30	205	7.48	<2	0.40	39	1.59	699	<1	2.75	86	0.07	5	<3	<10	<10	209	0.88	6	131	<10	26	376
SP21-12	794743	131.00	132.00	1.00	2128165	222	794743	93	1.64	0.4	8.02	6	170	3.6	<2	1.58	<0.5	74	27	102	7.75	<2	0.59	33	1.60	722	1	3.35	75	0.11	4	<3	<10	<10	262	1.33	7	225	<10	25	120
SP21-12	794744	132.00	133.00	1.00	2128165	238	794744	137	2.17	0.2	8.73	10	117	3.2	<2	1.11	<0.5	92	39	348	9.54	<2	0.41	42	1.41	761	2	2.68	153	0.06	11	<3	<10	12	225	0.75	9	140	<10	31	43
SP21-12	794745	133.00	134.00	1.00	2128165	153	794745	165	2.13	0.2	8.63	6	108	3.9	<2	0.99	<0.5	127	36	168	9.05	<2	0.36	56	1.39	798	2	3.61	116	0.06	6	<3	<10	<10	266	0.74	8	116	<10	32	57
SP21-12	794746	134.00	135.00	1.00	2128165	144	794746	101	1.75	0.6	7.35	7	81	3.2	<2	1.10	<0.5	108	37	165	9.45	<2	0.21	45	1.86	1147	1	2.85	133	0.08	5	<3	<10	<10	188	0.94	8	138	<10	46	336
SP21-12	794747	135.00	136.00	1.00	2128165	42	794747	74	1.03	0.4	7.22	7	50	2.8	<2	1.61	<0.5	103	31	157	8.52	<2	0.09	44	2.24	1317	1	2.58	140	0.06	4	<3	<10	<10	181	0.73	7	111	<10	51	175
SP21-12	794748	136.00	137.00	1.00	2128165	8	794748	115	1.55	0.3	5.98	18	13	0.8	<2	3.31	<0.5	34	68	417	>10.00	<2	0.05	15	4.08	1772	1	0.33	363	0.13	9	<3	<10	14	70	1.29	14	232	<10	78	76
SP21-13	794749	94.00	95.00	1.00	2128165	144	794749	128	1.01	0.3	7.59	7	233	1.5	<2	6.30	<0.5	64	36	66	8.32	<2	1.30	31	2.76	1218	1	1.97	34	0.21	5	<3	<10	10	488	1.55	9	161	<10	59	77
SP21-13	794750	95.00	96.00	1.00	2128165	2218	794750	1058	7.08	0.5	5.31	5	190	0.9	<2	2.30	<0.5	45	69	209	>10.00	<2	1.27	22	2.33	526	2	1.25	117	0.22	14	<3	<10	10	150	1.19	22	162	<10	48	76
SP21-13	794751	96.00	97.00	1.00	2128165	1043	794751	1160	6.80	0.8	5.99	6	222	1	<2	2.16	<0.5	54	63	192	>10.00	<2	1.73	27	2.41	442	1	1.46	84	0.24	18	<3	<10	<10	153	1.32	20	189	<10	46	84
SP21-13	794752	97.00	98.00	1.00	2128165	1376	794752	1341	7.45	0.4	5.88	6	210	1.3	2	2.43	<0.5	55	66	236	>10.00	<2	1.37	27	1.33	284	1	2.16	111	0.22	16	<3	<10	11	205	1.28	21	191	<10	37	93
SP21-13	794753	98.00	99.00	1.00	2128165	1067	794753	663	4.95	0.5	6.72	8	227	1.8	<2	2.47	0.5	76	52	229	>10.00	<2	1.25	38	1.51	326	1	2.24	69	0.22	10	<3	<10	<10	250	1.18	14	139	<10	32	124
SP21-13	794754	99.00	100.00	1.00	2128165	289	794754	680	4.62	0.4	6.77	9	177	1.6	<2	2.81	<0.5	61	55	262	>10.00	<2	1.19	30	1.65	351	2	2.23	67	0.29	9	<3	<10	19	207	1.49	13	178	<10	33	112
SP21-13	794755	100.00	101.00	1.00	2128165	321	794755	1057	7.01	0.4	6.19	6	192	1.5	<2	2.65	<0.5	56	79	235	>10.00	2	1.33	28	1.34	309	<1	2.06	99	0.24	12	<3	<10	10	172	1.37	20	179	<10	34	101
SP21-13	794756	101.00	102.00	1.00	2128165	852	794756	1486	8.05	0.5	5.39	7	200	1.2	<2	2.29	0.5	46	88	207	>10.00	<2	1.49	23	1.34	303	1	1.63	107	0.17	15	<3	<10	11	132	1.23	22	163	<10	36	81
SP21-13	794757	102.00	103.00	1.00	2128165	9	794757	946	6.94	0.5	5.98	10	213	1.3	<2	2.60	0.5	52	66	308	>10.00	<2	1.58	26	1.63	377	3	1.70	171	0.15	14	<3	<10	<10	132	1.34	19	181	<10	32	89
SP21-13	794758	103.00	104.00	1.00	2128165	7	794758	693	4.45	0.4	6.80	7	264	1.5	<2	2.96	<0.5	59	49	215	>10.00	<2	1.53	29	1.66	364	1	1.97	73	0.19	9	<3	<10	12	146	1.46	14	185	<10	31	118
SP21-13	794759	104.00	105.00	1.00	2128165	202	794759	691	5.39	0.6	5.69	6	166	1.2	<2	2.73	<0.5	59	52	196	>10.00	<2	0.91	29	1.56	446	1	1.82	83	0.16	13	<3	<10	11	97	1.17	16	159	<10	32	100
SP21-13	794760	105.00	106.00	1.00	2128165	1241	794760	896	6.30	0.9	6.13	7	240	1.6	<2	2.79	<0.5	83	54	185	>10.00	<2	1.44	42	1.62	369	<1	1.84	92	0.20	12	<3	<10	15	135	1.35	18	129	<10	33	142
SP21-13	794761	106.00	107.00	1.00	2128165	70	794761	413	3.04	0.6	7.42	12	252	1.7	<2	2.50	<0.5	76	26	112	9.04	<2	1.08	37	2.04	458	2	2.73	34	0.25	6	<3	<10	18	144	1.45	9	119	<10	23	150
SP21-13	794762	107.00	108.00	1.00	2128165	422	794762	396	3.95	0.6	7.72	7	229	1.7	<2	2.92	0.5	84	26	64	9.28	<2	1.19	39	1.98	588	1	3.12	13	0.29	7	<3	<10	115	162	1.48	10	106	<10	29	174
SP21-13	794763	108.00	109.00	1.00	2128165	559	794763	216	1.90	0.5	6.46	13	329	2	<2	2.18	<0.5	101	16	134	6.70	<2	1.27	50	1.89	531	24	2.16	12	0.23	7	<3	<10	<10	134	0.78	5	56	<10	22	186
SP21-13	794764	109.00	110.00	1.00	2128165	355	794764	387	3.74	0.5	8.47	7	266	1.9	<2	2.20	<0.5	87	30	171	>10.00	<2	0.96	42	1.47	458	3	3.62	94	0.26	7	<3	<10	13	146	1.40	10	92	<10	27	83

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-13	794765	110.00	111.00	1.00	2128165	42	794765	84	0.52	0.2	7.63	5	304	1.5	<2	2.49	<0.5	46	50	229	8.58	<2	1.00	23	2.01	959	2	1.90	108	0.10	6	<3	<10	<10	201	1.32	6	196	<10	47	23
SP21-13	794766	118.30	118.80	0.50	2128165	<5	794766	36	0.32	0.4	7.04	11	180	2.9	<2	0.64	<0.5	142	9	143	4.46	<2	0.48	58	0.73	476	2	3.58	31	0.04	3	<3	<10	<10	158	0.39	2	25	<10	30	307
SP21-13	794767	118.80	120.00	1.20	2128165	<5	794767	96	0.57	0.7	10.09	12	124	3.9	<2	0.72	<0.5	201	12	74	6.55	<2	0.37	86	1.06	715	4	5.16	27	0.05	4	<3	<10	<10	188	0.47	3	15	<10	43	372
SP21-13	794768	120.00	121.00	1.00	2128165	<5	794768	77	0.99	0.8	8.86	<5	121	4.4	<2	1.21	<0.5	168	11	83	6.96	<2	0.54	71	1.04	979	3	4.62	25	0.05	4	<3	<10	10	171	0.48	4	25	<10	72	411
SP21-13	794769	121.00	122.00	1.00	2128165	<5	794769	30	0.32	0.7	9.26	7	398	4.3	<2	1.45	<0.5	145	17	86	9.25	2	1.28	59	1.14	1418	2	3.47	47	0.11	9	<3	<10	13	239	1.22	6	123	<10	96	514
SP21-14	794770	29.60	30.40	0.80	2128165	142	794770	86	1.46	0.5	9.10	6	70	1.8	<2	2.84	<0.5	73	70	45	>10.00	<2	0.51	32	1.85	1725	1	2.27	44	0.22	10	<3	<10	<10	219	2.51	12	335	<10	67	204
SP21-14	794771	73.00	74.00	1.00	2128165	122	794771	136	0.92	0.3	8.72	9	116	2.4	<2	2.38	<0.5	74	36	142	9.31	<2	0.52	34	2.54	822	1	3.15	134	0.18	2	<3	<10	<10	208	1.54	8	151	<10	48	74
SP21-14	794772	74.00	75.00	1.00	2128165	1952	794772	672	3.68	0.6	6.37	7	236	1.7	<2	3.67	<0.5	71	41	229	>10.00	<2	1.78	36	2.93	597	<1	1.40	113	0.15	19	<3	<10	13	149	1.42	16	108	<10	44	108
SP21-14	794773	75.00	76.00	1.00	2128165	2578	794773	1096	6.58	0.7	6.40	11	141	1.7	<2	2.99	<0.5	68	49	249	>10.00	<2	1.08	34	1.78	351	2	2.37	192	0.15	24	<3	<10	12	197	1.59	19	139	<10	41	116
SP21-14	794774	76.00	77.00	1.00	2128165	2941	794774	907	5.37	1	6.27	5	151	1.8	<2	2.95	<0.5	73	41	289	>10.00	<2	1.46	38	2.64	423	<1	1.76	148	0.13	18	<3	<10	12	152	1.45	18	98	<10	39	117
SP21-14	794775	77.00	78.00	1.00	2128165	678	794775	332	1.85	0.4	6.66	9	195	1.5	<2	4.01	<0.5	68	27	202	>10.00	<2	2.40	33	5.68	851	<1	0.53	106	0.13	12	<3	<10	15	43	1.58	14	192	<10	47	105
SP21-14	794776	78.00	79.00	1.00	2128165	1715	794776	572	3.13	0.5	6.54	<5	137	1.8	<2	3.45	0.5	79	37	256	>10.00	<2	1.52	41	4.53	705	1	0.82	102	0.14	15	<3	<10	19	71	1.44	15	114	<10	44	108
SP21-14	794777	79.00	80.00	1.00	2128165	1718	794777	647	3.70	0.4	5.73	5	53	1.9	<2	3.42	0.5	56	38	213	>10.00	2	0.55	27	5.55	803	<1	0.40	94	0.13	17	<3	<10	12	46	1.36	16	166	<10	47	103
SP21-14	794778	80.00	81.00	1.00	2128165	2691	794778	1496	7.05	0.7	5.64	<5	163	0.9	2	2.62	<0.5	45	79	186	>10.00	<2	1.38	22	1.73	317	1	1.50	141	0.23	19	<3	<10	14	145	1.25	22	156	<10	45	73
SP21-14	794779	81.00	82.00	1.00	2128165	1584	794779	887	4.94	0.6	6.50	<5	170	1.2	<2	2.93	<0.5	50	56	183	>10.00	<2	1.42	25	1.80	341	<1	1.86	102	0.19	17	<3	<10	<10	163	1.43	16	165	<10	40	71
SP21-14	794780	82.00	83.00	1.00	2128165	884	794780	574	4.50	0.4	7.03	7	156	1.1	<2	3.50	<0.5	55	46	239	>10.00	<2	1.57	27	1.80	394	1	2.06	93	0.30	13	<3	<10	<10	153	1.53	15	175	<10	42	74
SP21-14	794781	83.00	84.00	1.00	2128165	1099	794781	669	3.85	0.3	7.55	<5	174	1.1	<2	3.37	<0.5	59	33	207	>10.00	<2	1.78	28	2.02	441	1	2.09	78	0.19	14	<3	<10	11	164	1.64	11	196	<10	43	66
SP21-14	794782	84.00	85.00	1.00	2128165	1643	794782	1144	6.19	0.4	7.01	5	204	1.1	<2	3.28	<0.5	53	47	213	>10.00	<2	1.64	26	1.42	327	<1	2.23	136	0.18	20	<3	<10	18	165	1.54	17	185	<10	40	73
SP21-14	794783	85.00	86.00	1.00	2128165	2397	794783	1192	6.28	0.5	7.50	9	251	1.2	<2	3.46	0.7	59	48	234	>10.00	<2	1.90	29	1.46	333	1	2.49	137	0.18	17	<3	<10	14	168	1.59	18	151	<10	42	70
SP21-14	794784	86.00	87.00	1.00	2128165	2911	794784	544	3.26	0.4	7.91	5	206	1.3	<2	3.73	<0.5	59	29	525	>10.00	<2	1.52	29	1.51	358	5	2.51	279	0.22	7	<3	<10	11	155	1.58	10	179	<10	32	41
SP21-14	794785	87.00	88.00	1.00	2128165	1234	794785	1012	5.73	0.3	7.66	<5	189	1.3	<2	3.37	0.6	58	44	265	>10.00	2	1.54	29	1.54	313	1	2.60	99	0.18	14	<3	<10	17	167	1.62	16	157	<10	38	90
SP21-14	794786	88.00	89.00	1.00	2128165	1822	794786	1619	7.75	0.6	5.95	7	110	1	<2	2.96	<0.5	45	63	225	>10.00	<2	1.10	22	1.23	258	<1	1.73	134	0.19	23	<3	<10	14	156	1.29	20	151	<10	42	67
SP21-14	794787	89.00	90.00	1.00	2128165	5905	794787	1454	6.67	0.5	6.74	9	108	1.7	6	2.99	<0.5	77	54	199	>10.00	3	1.25	40	1.74	329	1	1.91	108	0.20	17	<3	<10	20	143	1.47	19	149	<10	42	130
SP21-14	794788	90.00	91.00	1.00	2128165	1576	794788	1113	6.04	0.6	6.06	<5	117	1.7	<2	2.61	<0.5	83	54	208	>10.00	<2	1.36	43	1.86	356	1	1.56	112	0.18	18	<3	<10	11	104	1.33	17	131	<10	40	169
SP21-14	794789	91.00	92.00	1.00	2128165	726	794789	1264	7.42	0.7	6.07	9	126	1.6	<2	2.35	0.5	83	71	195	>10.00	2	1.69	43	2.30	391	1	1.32	154	0.18	20	<3	<10	<10	100	1.31	23	158	<10	50	155
SP21-14	794790	92.00	93.00	1.00	2128165	602	794790	1273	7.32	0.5	5.77	8	143	1.6	<2	2.24	0.5	70	68	267	>10.00	<2	1.70	37	1.90	289	1	1.42	159	0.13	17	<3	<10	14	115	1.27	22	108	<10	45	117
SP21-14	794791	93.00	94.00	1.00	2128165	2488	794791	1087	5.85	0.5	6.93	8	179	1.7	<2	2.90	<0.5	74	50	228	>10.00	<2	1.70	39	2.22	376	1	1.97	122	0.18	17	<3	<10	10	140	1.49	19	150	<10	41	125
SP21-14	794792	94.00	95.00	1.00	2128165	4216	794792	715	4.83	0.4	5.48	5	145	1.4	4	3.10	<0.5	71	38	355	>10.00	<2	1.45	37	3.29	715	1	0.82	140	0.18	14	<3	<10	20	65	1.20	17	126	<10	47	146
SP21-14	794793	95.00	96.00	1.00	2128165	102	794793	222	1.66	0.4	5.89	<5	133	1.2	<2	3.86	<0.5	73	35	272	>10.00	<2	1.48	37	4.73	989	<1	0.30	129	0.16	9	<3	<10	<10	48	1.29	15	201	<10	72	150
SP21-14	794794	96.00	97.00	1.00	2128165	733	794794	859	5.85	0.3	5.55	<5	189	1.6	<2	2.12	<0.5	74	51	271	>10.00	<2	1.28	38	2.19	444	3	1.52	117	0.14	12	<3	<10	13	115	1.20	17	120	<10	40	132
SP21-14	794795	97.00	98.00	1.00	2128165	453	794795	544	3.53	0.4	6.95	<5	268	2.3	<2	2.16	<0.5	97	31	123	9.95	<2	1.00	47	1.56	330	1	2.74	44	0.22	5	<3	<10	16	173	1.07	9	102	<10	23	210
SP21-14	794796	98.00	99.00	1.00	2128165	1127	794796	394	2.98	0.6	7.82	6	238	2.5	<2	2.67	<0.5	107	29	120	>10.00	<2	1.03	50	1.65	548	2	3.18	64	0.37	5	<3	<10	17	252	1.39	9	104	<10	42	219
SP21-14	794797	99.00	100.00	1.00	2128165	490	794797	420	2.43	0.2	7.59	<5	112	1.8	<2	1.97	<0.5	96	23	176	8.84	<2	0.49	45	2.06	512	4	2.73	110	0.21	3	<3	<10	<10	155	0.92	10	62	<10	27	76
SP21-14	794798	100.00	101.00	1.00	2128165	16	794798	119	0.91	<0.2	7.03	5	175	2.2	<2	1.93	<0.5	116	9	82	6.10	<2	0.74	59	1.94	491	1	2.63	9	0.27	<2	<3	<10	<10	174	0.78	5	40	<10	20	59
SP21-14	794799	101.00	102.00	1.00	2128165	92	794799	229	1.99	<0.2	8.85	5	328	3.3	<2	2.95	<0.5	149	14	61	7.94	<2	1.54	77	1.58	394	<1	3.23	14	0.30	5	<3	<10	12	362	0.93	7	47	<10	23	61
SP21-14	794800	102.00	103.00	1.00	2128165	10	794800	122	1.45	0.4	9.00	<5	317	2.7	<2	2.68	<0.5	114	21	70	8.54	<2	1.35	54	1.53	672	1	3.10	27	0.25	3	<3	<10	13	363	1.42	8	103	<10	41	135
SP21-14	794801	103.00	104.00	1.00	2128165	<5	794801	40	0.45	0.4	8.39	7	173	2	<2	2.97	<0.5	79	47	315	>10.00	<2	0.67	35	2.80	1195	1	2.01	277	0.23	6	<3	<10	<10	264	1.78	10	167	<10	78	226

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-15	794802	169.00	170.00	1.00	2128165	9	794802	19	0.86	0.3	8.26	6	285	3	<2	2.13	<0.5	82	26	55	8.12	<2	1.48	37	1.36	1086	1	2.73	14	0.20	6	<3	<10	<10	163	1.42	9	162	<10	40	107
SP21-15	794803	170.00	171.00	1.00	2128165	<5	794803	7	0.34	0.4	8.23	10	203	2.4	<2	2.31	<0.5	76	27	50	8.73	<2	0.82	32	1.33	1556	1	2.64	11	0.22	3	<3	<10	11	139	1.77	8	210	<10	47	142
SP21-15	794804	171.00	172.00	1.00	2128165	31	794804	52	1.61	0.2	7.72	6	208	2.8	<2	2.38	<0.5	73	52	102	>10.00	<2	0.81	31	1.21	1402	1	2.75	60	0.25	4	<3	<10	19	144	1.80	10	151	<10	44	58
SP21-15	794805	172.00	173.00	1.00	2128165	72	794805	53	1.32	0.2	8.89	<5	272	2.5	<2	2.43	<0.5	77	36	29	>10.00	<2	1.03	33	1.58	1368	1	2.85	7	0.24	4	<3	<10	15	167	1.87	9	144	<10	47	58
SP21-15	794806	173.00	174.00	1.00	2128165	7	794806	74	1.33	0.2	7.83	<5	151	1.8	<2	2.86	<0.5	74	45	47	8.74	<2	0.58	32	1.81	1083	1	3.00	19	0.26	2	<3	<10	11	141	1.87	7	193	<10	39	162
SP21-15	794807	174.00	175.00	1.00	2128165	22	794807	163	1.91	0.3	7.85	7	181	1.6	<2	2.77	<0.5	46	59	108	9.80	<2	0.73	20	2.77	1031	1	2.50	80	0.13	5	<3	<10	<10	132	1.53	10	277	<10	47	139
SP21-15	794808	175.00	176.00	1.00	2128165	7	794808	166	1.97	0.3	7.80	<5	146	1.7	<2	2.53	<0.5	50	51	106	8.84	<2	0.58	22	2.45	758	3	2.87	72	0.12	36	<3	<10	<10	166	1.40	9	280	<10	37	144
SP21-15	794809	176.00	177.00	1.00	2128165	<5	794809	52	0.97	0.4	7.98	6	157	2	<2	2.64	<0.5	72	36	67	8.60	<2	0.49	30	2.48	1023	2	2.69	34	0.23	5	<3	<10	<10	178	1.89	9	251	<10	34	223
SP21-15	794810	177.00	178.00	1.00	2128165	5	794810	60	1.20	0.6	9.44	9	346	3.1	<2	2.87	<0.5	67	40	46	9.88	<2	0.74	28	2.09	1216	1	2.67	48	0.14	1291	<3	<10	12	388	2.37	10	386	<10	41	182
SP21-15	794811	178.00	179.00	1.00	2128165	<5	794811	105	1.66	0.2	7.89	<5	125	1.6	<2	3.24	<0.5	37	47	119	9.61	<2	0.43	17	2.82	964	1	2.56	81	0.13	5	<3	<10	<10	185	1.56	10	297	<10	40	42
SP21-15	794812	179.00	180.00	1.00	2128165	<5	794812	68	1.14	0.3	7.52	<5	196	1.2	<2	3.59	<0.5	32	41	40	9.43	<2	0.69	15	2.71	1038	4	2.44	148	0.11	6	<3	<10	<10	132	1.47	11	308	<10	41	45
SP21-15	794813	180.00	181.00	1.00	2128165	<5	794813	45	0.68	0.2	9.07	7	99	2.1	<2	2.98	<0.5	45	30	28	8.27	<2	0.25	20	1.70	1072	<1	3.95	17	0.14	4	<3	<10	10	426	1.69	7	299	<10	33	61
SP21-15	794814	181.00	182.00	1.00	2128165	<5	794814	103	0.71	<0.2	8.92	7	83	1.8	<2	2.32	<0.5	39	33	37	8.10	<2	0.16	18	2.00	983	<1	4.07	25	0.13	4	<3	<10	<10	306	1.71	8	261	<10	43	67
SP21-15	794815	182.00	183.00	1.00	2128165	<5	794815	66	0.25	0.3	7.14	5	100	1.4	<2	5.76	0.5	37	43	105	8.02	<2	0.69	17	3.88	1415	1	1.88	96	0.12	4	<3	<10	<10	165	1.45	8	284	<10	66	79
SP21-15	794816	183.00	184.00	1.00	2128165	22	794816	119	1.07	0.3	7.16	<5	38	1.4	<2	3.09	<0.5	44	53	155	9.30	<2	0.24	19	4.15	1044	1	1.93	114	0.16	5	<3	<10	<10	99	1.57	10	255	<10	53	89
SP21-15	794817	184.00	185.00	1.00	2128165	38	794817	186	2.64	0.2	7.06	5	46	1.8	<2	3.16	<0.5	62	42	198	9.74	<2	0.18	27	2.51	679	4	2.97	112	0.22	4	<3	<10	12	139	1.76	11	179	<10	35	74
SP21-15	794818	185.00	186.00	1.00	2128165	<5	794818	193	2.34	0.5	7.25	7	32	1.5	<2	3.30	<0.5	62	48	44	>10.00	<2	0.13	27	3.61	988	1	2.08	11	0.22	8	<3	<10	17	93	2.12	12	299	<10	43	146
SP21-15	794819	186.00	187.00	1.00	2128165	<5	794819	190	2.17	0.6	7.04	5	31	1.4	<2	3.21	<0.5	60	47	40	>10.00	<2	0.13	26	3.48	963	<1	2.00	10	0.21	6	<3	<10	<10	91	2.05	11	289	<10	42	138
SP21-15	794820	187.00	188.00	1.00	2128165	<5	794820	128	1.68	0.4	7.35	8	98	1.2	<2	3.28	<0.5	62	42	37	>10.00	<2	0.40	27	3.64	1065	1	1.91	10	0.22	7	<3	<10	16	93	2.12	12	293	<10	48	129
SP21-15	794821	188.00	189.00	1.00	2128165	<5	794821	30	0.39	0.2	9.45	9	259	2.3	<2	2.74	<0.5	38	23	67	7.06	<2	0.76	17	2.53	1041	1	3.88	53	0.12	3	<3	<10	<10	270	1.47	7	261	<10	43	126
SP21-15	794822	189.00	190.00	1.00	2128165	15	794822	147	1.77	0.3	8.93	<5	223	1.9	<2	1.83	<0.5	32	48	115	9.33	<2	0.67	15	2.59	1181	<1	3.34	57	0.11	4	<3	<10	17	206	1.40	9	260	<10	46	112
SP21-15	794823	190.00	191.00	1.00	2128165	25	794823	111	1.22	0.4	6.56	<5	189	1.1	2	1.33	<0.5	31	35	186	8.97	<2	0.60	13	2.31	1284	1	1.83	70	0.09	2	<3	<10	14	112	1.19	9	229	<10	57	95
SP21-15	794824	191.00	192.00	1.00	2128165	24	794824	105	1.08	0.3	7.78	7	194	1.3	<2	2.11	<0.5	30	45	422	>10.00	<2	0.60	14	3.20	1733	2	1.54	182	0.11	12	<3	<10	10	119	1.37	12	265	<10	86	46
SP21-15	794825	204.50	205.90	1.40	2128165	<5	794825	61	0.70	0.4	7.04	5	94	1.6	<2	3.21	<0.5	71	30	71	9.30	<2	0.40	30	2.31	2061	<1	2.22	15	0.26	8	<3	<10	14	178	1.58	9	159	<10	71	208
SP21-15	794826	205.90	206.15	0.25	2128165	6	794826	118	0.91	0.4	8.14	<5	139	1.6	<2	2.27	<0.5	81	43	34	>10.00	<2	0.54	35	3.23	2207	1	1.91	7	0.30	6	<3	<10	<10	163	1.89	11	184	<10	101	145
SP21-15	794827	206.15	207.20	1.05	2128165	<5	794827	54	0.16	0.3	8.36	5	190	1.5	<2	5.28	<0.5	47	47	71	8.74	<2	0.79	21	2.77	1754	1	2.20	46	0.16	6	<3	<10	<10	256	1.60	9	268	<10	92	97
SP21-15	794828	207.20	208.20	1.00	2128165	<5	794828	73	0.39	0.3	8.22	7	199	1.4	<2	7.14	0.5	36	41	49	8.39	<2	0.96	16	2.34	2277	1	2.39	46	0.12	5	<3	<10	11	283	1.42	9	279	<10	104	87
SP21-15	794829	208.20	209.00	0.80	2128165	13	794829	63	0.38	0.3	6.82	6	116	1.3	<2	7.22	<0.5	59	37	156	7.39	<2	0.62	27	3.44	1904	<1	1.55	93	0.19	7	<3	<10	11	188	1.44	9	191	<10	96	146
SP21-15	794830	209.00	209.70	0.70	2128165	63	794830	194	1.51	0.7	8.34	5	244	2.2	<2	2.74	<0.5	84	30	75	8.66	<2	0.99	34	1.44	1968	1	3.18	7	0.29	9	<3	<10	<10	273	1.52	8	145	<10	100	287
SP21-15	794831	209.70	210.70	1.00	2128165	<5	794831	90	0.61	0.3	8.65	5	207	1.4	<2	6.48	0.5	43	46	73	8.41	<2	1.05	19	2.06	2002	2	2.77	40	0.14	6	<3	<10	<10	283	1.44	9	265	<10	119	146
SP21-15	794832	210.70	211.80	1.10	2128204	17	794832	69	0.71	0.3	6.90	10	233	1.8	<2	6.33	0.8	71	43	237	7.30	<2	1.31	33	2.33	2658	2	1.37	148	0.12	13	<3	<10	<10	185	1.10	8	145	<10	106	137
SP21-15	794833	211.80	212.60	0.80	2128204	15	794833	78	0.71	0.3	9.52	6	918	2.7	<2	3.09	0.5	83	36	130	6.84	<2	3.81	39	1.90	2694	4	0.97	75	0.09	17	<3	<10	10	111	0.77	9	218	<10	122	117
SP21-15	794834	212.60	213.00	0.40	2128204	9	794834	75	0.60	0.4	5.26	10	383	2.3	<2	9.36	1.2	52	34	213	5.17	<2	1.74	26	1.25	4106	1	0.67	95	0.08	24	<3	<10	<10	137	0.64	5	127	<10	80	84
SP21-15	794835	219.90	220.90	1.00	2128204	13	794835	77	0.81	0.3	9.76	10	433	3.3	<2	0.90	0.6	82	28	168	6.47	<2	3.44	39	1.65	2365	9	0.52	60	0.07	20	<3	<10	<10	79	0.49	9	223	<10	126	106
SP21-15	794836	220.90	221.30	0.40	2128204	18	794836	74	0.82	0.4	7.97	7	371	2.8	<2	0.75	0.5	76	26	186	5.82	<2	3.09	36	1.39	2615	4	0.41	53	0.05	30	<3	<10	<10	63	0.42	7	169	<10	111	89
SP21-15	794837	221.30	222.40	1.10	2128204	<5	794837	94	1.00	0.4	9.69	6	479	3.6	<2	0.84	<0.5	92	31	115	6.83	<2	3.90	43	1.71	2576	5	0.52	62	0.07	19	<3	<10	<10	75	0.54	10	223	<10	133	114
SP21-15	794838	222.40	223.60	1.20	2128204	<5	794838	93	1.02	0.3	10.79	9	572	3.6	<2	0.86	0.7	104	33	110	7.38	<2	4.27	49	1.99	2610	5	0.56	67	0.07	14	<3	<10	<10	77	0.61	11	249	<10	122	130
SP21-15	794839	223.60	224.00	0.40	2128204	<5	794839	76	0.79	0.4	9.14	7	396	4.3	<2	1.33	<0.5	83	28	211	6.27	<2	2.90	40	1.58	2579	5	0.90	62	0.07	20	3	<10	<10	125	0.51	8	184	<10	118	116
SP21-15	794840	224.00	225.00	1.00	2128204	7	794840	82	0.92	0.4	10.23	10	531	3.2	<2	0.68	1.3	101	32	137	6.73	<2	3.95	47	1.75	2575	4	0.49	61	0.08	13	<3	<10	<10	68	0.56	9	229	<10	143	126

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-15	794841	225.00	226.00	1.00	2128204	<5	794841	91	1.12	0.3	9.98	6	463	3.6	<2	0.66	<0.5	87	30	127	6.46	<2	3.56	38	1.39	2477	4	0.53	53	0.06	12	<3	<10	<10	79	0.43	8	189	<10	81	91
SP21-16	794842	6.70	7.50	0.80	2128204	21	794842	60	0.75	0.4	7.58	8	34	1.4	<2	1.89	0.5	64	28	300	9.33	2	0.19	26	3.40	885	1	2.11	178	0.20	9	<3	<10	<10	80	1.12	9	144	<10	42	155
SP21-16	794843	7.50	8.50	1.00	2128204	32	794843	178	1.91	0.3	6.95	8	29	1.2	<2	1.57	0.5	26	63	268	>10.00	<2	0.23	11	4.19	1060	<1	1.04	192	0.10	15	<3	<10	<10	59	1.17	12	233	<10	64	78
SP21-16	794844	8.50	9.50	1.00	2128204	83	794844	100	0.79	0.6	9.46	8	323	2.8	<2	2.33	<0.5	111	44	135	9.01	<2	1.17	49	3.61	911	1	1.99	132	0.27	6	<3	<10	<10	280	1.46	9	166	<10	36	302
SP21-16	794845	9.50	10.75	1.25	2128204	111	794845	426	2.98	0.6	9.01	8	235	2.3	<2	2.58	<0.5	133	39	37	9.46	<2	0.94	58	1.97	610	1	3.37	32	0.51	9	<3	<10	<10	260	1.31	7	64	<10	29	319
SP21-16	794846	10.75	12.00	1.25	2128204	538	794846	373	2.87	0.7	9.10	10	212	2.8	<2	1.57	<0.5	135	28	43	9.41	<2	0.71	58	2.47	477	1	3.54	21	0.29	7	<3	<10	<10	180	1.07	7	82	<10	30	326
SP21-16	794847	12.00	13.00	1.00	2128204	45	794847	174	1.18	0.3	7.84	9	27	1.4	<2	1.32	0.6	53	32	156	9.80	<2	0.09	23	4.70	727	<1	1.87	79	0.23	9	<3	<10	13	92	1.13	9	177	<10	51	105
SP21-16	794848	13.00	14.00	1.00	2128204	271	794848	202	1.54	0.2	7.41	<5	37	1.3	<2	1.37	<0.5	26	27	198	>10.00	<2	0.20	12	4.15	701	<1	1.66	68	0.10	6	<3	<10	<10	87	1.23	10	219	<10	46	43
SP21-16	794849	14.00	15.00	1.00	2128204	12	794849	320	2.11	0.2	7.68	9	109	1.3	<2	1.60	<0.5	42	31	163	>10.00	<2	0.50	19	4.35	731	<1	1.58	46	0.15	6	<3	<10	<10	82	1.32	10	243	<10	45	72
SP21-16	794850	15.00	16.00	1.00	2128204	183	794850	460	3.03	1	9.49	7	223	3.3	<2	2.90	<0.5	149	37	51	8.29	<2	1.32	69	1.36	293	1	4.42	16	0.44	6	<3	<10	<10	352	1.24	7	73	<10	23	252
SP21-16	794851	16.00	17.00	1.00	2128204	43	794851	343	3.19	0.5	8.86	9	126	3.1	<2	3.05	<0.5	142	46	52	7.93	<2	1.01	67	0.94	194	1	4.48	11	0.40	6	<3	<10	<10	346	1.09	6	50	<10	20	285
SP21-16	794852	17.00	18.00	1.00	2128204	11	794852	282	3.40	0.7	9.29	7	85	2.8	<2	2.79	<0.5	152	46	44	8.35	<2	0.66	72	1.00	294	2	5.14	5	0.42	4	<3	<10	<10	363	1.09	7	40	<10	22	331
SP21-16	794853	18.00	19.00	1.00	2128204	269	794853	432	3.35	0.5	8.82	6	83	2.9	<2	2.45	<0.5	147	30	54	8.14	<2	0.64	68	1.01	275	1	5.01	4	0.41	6	<3	<10	12	370	1.01	6	31	<10	23	325
SP21-16	794854	19.00	20.00	1.00	2128204	32	794854	296	3.80	0.6	10.55	8	121	3.4	<2	2.68	<0.5	154	27	53	8.75	<2	0.93	71	1.02	281	1	4.77	5	0.40	13	<3	<10	10	448	0.97	7	36	<10	26	295
SP21-16	794855	20.00	21.00	1.00	2128204	73	794855	366	3.80	0.6	9.51	7	109	3.2	<2	2.54	<0.5	156	24	51	8.58	<2	0.77	74	0.98	276	1	4.98	3	0.44	8	<3	<10	<10	375	1.08	7	37	<10	36	327
SP21-16	794856	21.00	22.00	1.00	2128204	24	794856	364	3.41	0.4	9.97	11	267	3.6	<2	3.42	<0.5	172	24	44	7.81	<2	1.88	82	1.06	375	2	4.59	4	0.48	8	<3	<10	<10	378	1.18	6	45	<10	47	310
SP21-16	794857	22.00	23.00	1.00	2128204	116	794857	435	3.81	0.6	9.03	7	188	2.9	<2	3.51	<0.5	136	30	35	9.76	<2	1.05	62	1.82	479	2	4.10	5	0.62	8	<3	<10	11	375	1.46	8	80	<10	35	305
SP21-16	794858	23.00	24.00	1.00	2128204	163	794858	127	1.55	0.4	8.39	8	79	2.3	<2	5.42	<0.5	115	27	26	8.81	<2	0.55	52	2.89	1237	1	3.19	4	0.65	9	<3	<10	<10	282	1.50	7	82	<10	45	171
SP21-16	794859	24.00	25.00	1.00	2128204	24	794859	93	0.78	0.3	8.71	7	62	2	<2	3.86	<0.5	119	23	39	8.15	<2	0.53	53	3.91	1022	3	3.13	13	0.66	10	<3	<10	12	155	1.58	6	95	<10	43	179
SP21-16	794860	25.00	26.00	1.00	2128204	215	794860	382	2.57	0.4	7.49	13	142	1.8	<2	5.83	0.5	87	40	144	>10.00	<2	1.22	41	4.21	965	<1	1.42	89	0.29	10	<3	<10	<10	159	1.52	10	170	<10	50	166
SP21-16	794861	26.00	27.00	1.00	2128204	<5	794861	<5	0.02	0.4	7.39	8	77	1.4	<2	4.12	<0.5	76	43	164	8.46	<2	0.75	39	6.37	1199	<1	0.58	83	0.25	5	<3	<10	<10	60	1.45	10	202	<10	53	114
SP21-16	794862	27.00	28.00	1.00	2128204	<5	794862	44	0.42	0.3	7.56	8	200	2.4	<2	6.75	<0.5	115	38	99	7.21	3	1.46	58	3.76	1053	1	1.82	40	0.27	5	<3	<10	<10	210	1.09	8	126	<10	41	178
SP21-16	794863	28.00	29.00	1.00	2128204	<5	794863	8	0.09	0.4	9.17	5	228	2.4	<2	5.47	<0.5	138	30	67	7.87	3	1.77	69	4.52	959	<1	2.24	31	0.36	6	<3	<10	13	240	1.39	7	125	<10	49	195
SP21-16	794864	29.00	30.00	1.00	2128204	<5	794864	<5	0.01	0.3	8.97	5	128	1.8	<2	4.28	<0.5	94	40	132	9.39	<2	0.90	46	7.17	1240	1	1.26	88	0.31	6	<3	<10	<10	84	1.74	10	220	<10	66	148
SP21-16	794865	30.00	31.00	1.00	2128204	<5	794865	87	0.68	0.4	9.15	6	285	3	<2	4.50	<0.5	148	25	78	7.78	<2	2.36	74	3.95	843	<1	3.01	34	0.30	5	<3	<10	<10	244	1.25	7	104	<10	49	211
SP21-16	794866	31.00	32.00	1.00	2128204	436	794866	953	6.42	0.5	6.71	<5	196	1.7	<2	4.18	<0.5	90	74	262	>10.00	<2	1.64	47	3.58	882	<1	2.00	204	0.19	17	<3	<10	<10	100	1.47	17	118	<10	65	111
SP21-16	794867	32.00	33.00	1.00	2128204	854	794867	817	7.14	0.5	5.81	6	129	1.5	<2	3.11	<0.5	76	62	264	>10.00	<2	1.13	39	2.63	589	<1	2.00	179	0.16	12	<3	<10	11	69	1.27	17	86	<10	47	97
SP21-16	794868	33.00	34.00	1.00	2128204	2275	794868	1022	7.19	0.4	5.20	<5	149	1.7	3	2.59	<0.5	65	58	359	>10.00	<2	1.34	34	1.69	377	<1	1.83	196	0.14	16	<3	<10	15	88	1.13	16	77	<10	40	47
SP21-16	794869	34.00	35.00	1.00	2128204	1119	794869	1074	6.20	0.4	5.86	6	184	1.8	<2	3.10	<0.5	78	61	313	>10.00	<2	1.71	41	2.93	611	<1	1.55	210	0.17	14	<3	<10	<10	73	1.27	19	99	<10	53	131
SP21-16	794870	35.00	36.00	1.00	2128204	2161	794870	1495	7.73	0.4	5.59	5	93	1.4	5	4.04	<0.5	72	105	292	>10.00	<2	0.81	40	2.21	597	<1	2.16	336	0.17	19	<3	<10	13	61	1.29	21	88	<10	49	105
SP21-16	794871	36.00	37.00	1.00	2128204	1484	794871	1447	7.08	0.5	5.80	12	83	1.5	<2	4.89	<0.5	74	102	302	>10.00	<2	0.69	40	2.51	810	1	2.06	296	0.19	18	<3	<10	15	65	1.30	20	89	<10	51	101
SP21-16	794872	37.00	38.00	1.00	2128204	892	794872	497	3.55	0.4	5.99	7	82	1.3	<2	9.91	<0.5	75	55	235	>10.00	3	0.62	39	2.32	1368	1	1.15	141	0.11	8	3	<10	14	174	1.25	11	111	<10	37	80
SP21-16	794873	38.00	39.00	1.00	2128204	1021	794873	749	5.42	0.5	6.20	5	61	2.1	2	6.62	<0.5	71	89	257	>10.00	<2	0.42	37	2.24	1114	<1	2.23	164	0.17	12	<3	<10	12	115	1.30	14	112	<10	41	126
SP21-16	794874	39.00	40.00	1.00	2128204	661	794874	1391	9.03	0.4	4.04	9	79	1.3	4	8.17	<0.5	42	120	343	>10.00	3	0.60	23	1.79	1201	<1	0.51	211	0.14	23	<3	<10	14	143	0.91	23	123	<10	49	77
SP21-16	794875	40.00	41.00	1.00	2128204	1352	794875	986	5.25	0.5	5.32	6	50	1.5	3	7.85	0.6	61	65	352	>10.00	<2	0.36	32	2.34	1236	<1	1.38	131	0.11	14	<3	<10	<10	139	1.21	17	94	<10	49	95
SP21-16	794876	41.00	42.00	1.00	2128204	2254	794876	733	5.24	0.6	5.36	7	43	1.4	3	5.68	<0.5	70	57	284	>10.00	<2	0.41	36	2.99	959	<1	1.47	139	0.16	18	<3	<10	<10	93	1.25	18	133	<10	51	153
SP21-16	794877	42.00	43.00	1.00	2128204	35	794877	672	4.34	0.5	7.18	6	193	1.7	<2	2.93	<0.5	88	41	311	>10.00	<2	1.82	45	3.09	688	1	2.08	108	0.16	17	<3	<10	11	103	1.58	15	160	<10	53	177
SP21-16	794878	43.00	44.00	1.00	2128204	<5	794878	197	1.49	0.6	10.55	7	327	2.9	<2	3.78	<0.5	147	26	60	6.11	<2	1.74	69	1.27	614	1	4.63	23	0.41	4	<3	<10	14	354	1.87	4	189	<10	26	232
SP21-16	794879	44.00	45.00	1.00	2128204	<5	794879	236	2.32	0.5	9.65	7	206	1.6	<2	3.90	<0.5	78	54	56	8.70	<2	1.12	35	1.91	748	1	4.13	39	0.29	6	<3	<10	<10	218	2.52	8	330	<10	37	145

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-16	794880	58.60	59.85	1.25	2128204	<5	794880	160	1.61	0.3	8.24	5	173	2.9	<2	2.72	<0.5	89	48	492	9.81	3	1.14	40	2.97	1033	<1	2.40	378	0.10	7	<3	<10	<10	206	1.30	8	160	<10	71	171
SP21-16	794881	59.85	61.10	1.25	2128204	<5	794881	68	1.22	0.2	9.13	9	173	4	<2	2.07	<0.5	111	25	169	7.72	<2	1.07	51	1.30	789	1	3.91	98	0.10	8	<3	<10	<10	312	0.96	6	111	<10	45	64
SP21-16	794882	71.25	72.35	1.10	2128204	<5	794882	229	1.79	0.4	8.65	6	452	2.9	<2	4.99	<0.5	99	45	85	>10.00	<2	2.02	49	2.11	1824	1	1.84	30	0.35	11	<3	<10	10	256	1.48	12	119	<10	130	94
SP21-17	794883	5.00	6.00	1.00	2128204	<5	794883	24	0.14	0.2	6.70	9	40	1.3	<2	####	<0.5	76	33	206	7.95	<2	0.32	39	1.92	2106	<1	0.13	127	0.18	7	<3	<10	11	405	1.29	6	98	<10	57	50
SP21-17	794884	6.00	7.00	1.00	2128204	<5	794884	206	1.15	0.2	5.89	9	44	2.1	<2	####	<0.5	65	60	184	9.07	<2	0.45	35	1.78	1939	<1	0.15	108	0.18	9	<3	<10	<10	332	1.21	9	97	<10	49	48
SP21-17	794885	7.00	8.00	1.00	2128204	<5	794885	84	0.41	0.2	5.82	10	52	1	<2	####	<0.5	62	44	153	7.89	<2	0.39	32	1.72	1875	<1	0.19	102	0.16	7	<3	<10	<10	341	1.26	7	101	<10	48	39
SP21-17	794886	8.00	9.00	1.00	2128204	6	794886	39	0.29	0.2	6.22	6	64	1	<2	####	<0.5	68	55	158	8.59	2	0.44	35	1.85	1844	<1	0.37	90	0.19	5	<3	<10	<10	292	1.45	6	147	<10	49	44
SP21-17	794887	9.00	10.00	1.00	2128204	<5	794887	29	0.19	0.2	6.62	10	76	0.9	<2	####	<0.5	70	50	168	8.32	<2	0.72	37	1.71	1659	<1	0.09	105	0.18	5	<3	<10	<10	337	1.45	9	111	<10	46	56
SP21-17	794888	10.00	11.00	1.00	2128204	<5	794888	12	0.09	0.3	7.92	7	170	2.2	<2	7.86	<0.5	90	46	104	7.61	<2	1.20	47	2.09	1083	<1	2.05	62	0.26	4	<3	<10	<10	323	1.50	8	124	<10	44	85
SP21-17	794889	11.00	12.00	1.00	2128204	20	794889	390	0.22	0.4	8.35	10	231	2	<2	5.91	<0.5	102	61	63	7.31	<2	1.57	52	1.64	676	<1	2.62	33	0.29	2	<3	<10	<10	402	1.46	7	115	<10	37	103
SP21-17	794890	12.00	13.00	1.00	2128204	<5	794890	303	1.19	0.2	8.10	6	192	1.8	<2	6.81	<0.5	99	64	62	8.88	<2	1.31	49	1.45	712	<1	2.05	30	0.32	6	<3	<10	12	535	1.45	10	116	<10	35	114
SP21-17	794891	13.00	14.00	1.00	2128204	<5	794891	52	0.26	0.3	8.95	8	190	2.3	<2	4.76	<0.5	115	30	46	7.33	<2	1.60	57	1.81	473	1	2.77	30	0.32	4	<3	<10	<10	486	1.57	6	123	<10	28	172
SP21-17	794892	14.00	15.00	1.00	2128204	<5	794892	127	0.92	0.4	8.88	7	206	2.2	<2	5.61	<0.5	112	39	51	8.37	<2	1.81	57	1.64	529	<1	2.21	31	0.33	5	<3	<10	<10	591	1.55	9	123	<10	29	118
SP21-17	794893	15.00	16.00	1.00	2128204	<5	794893	25	0.17	0.3	9.34	7	113	2.5	<2	5.60	<0.5	128	27	67	8.59	2	1.23	65	1.78	704	1	1.80	25	0.31	8	<3	<10	<10	566	1.50	9	115	<10	30	113
SP21-17	794894	16.00	17.00	1.00	2128204	<5	794894	8	0.04	0.4	10.87	9	439	5.3	<2	2.62	<0.5	175	38	40	9.33	<2	2.53	83	1.01	886	1	2.01	9	0.44	6	<3	<10	<10	257	1.20	8	51	<10	35	221
SP21-17	794895	17.00	18.00	1.00	2128204	<5	794895	12	0.08	0.4	12.26	7	875	3.6	<2	1.20	<0.5	91	40	48	>10.00	<2	4.86	39	0.39	1496	2	0.55	45	0.21	6	<3	<10	12	149	3.18	13	440	<10	42	97
SP21-17	794896	18.00	19.00	1.00	2128204	15	794896	18	0.21	0.4	11.76	7	646	3.9	<2	1.81	<0.5	98	57	71	>10.00	<2	3.85	44	0.45	1676	1	1.14	46	0.13	6	<3	<10	12	265	3.23	14	505	<10	50	132
SP21-17	794897	19.00	20.00	1.00	2128204	11	794897	8	0.07	0.7	11.20	6	616	2.5	<2	1.30	<0.5	96	73	53	>10.00	<2	3.58	42	0.80	1876	1	1.20	52	0.16	9	<3	<10	<10	130	2.98	14	424	<10	57	339
SP21-17	794898	20.00	21.00	1.00	2128204	5	794898	91	0.64	0.4	9.21	8	62	2.2	<2	3.15	<0.5	75	57	60	>10.00	<2	0.45	35	2.23	1982	1	2.09	35	0.24	8	<3	<10	<10	210	2.42	12	368	<10	65	152
SP21-17	794899	21.00	22.00	1.00	2128204	19	794899	34	0.37	0.6	8.61	6	142	2.2	<2	2.78	0.5	77	42	104	9.44	<2	0.93	33	1.45	1700	1	2.38	35	0.21	5	<3	<10	10	235	2.28	8	279	<10	56	223
SP21-17	794900	22.00	23.00	1.00	2128204	52	794900	85	0.90	0.4	9.37	10	150	2.1	<2	3.34	<0.5	81	58	57	>10.00	<2	0.85	37	2.00	1974	1	2.22	38	0.25	9	<3	<10	<10	230	2.52	12	374	<10	71	140
SP21-17	794901	23.00	24.00	1.00	2128204	21	794901	70	1.01	0.5	9.05	8	115	2.8	<2	3.28	<0.5	69	43	62	9.65	<2	0.60	32	1.47	1618	1	2.96	36	0.20	8	<3	<10	14	312	2.34	8	218	<10	55	98
SP21-17	794902	24.00	25.00	1.00	2128204	6	794902	77	1.07	0.5	8.55	9	72	2	<2	3.17	<0.5	73	58	55	>10.00	<2	0.36	33	2.13	2051	1	2.16	34	0.23	8	<3	<10	<10	261	2.27	12	348	<10	66	151
SP21-17	794903	25.00	26.00	1.00	2128204	<5	794903	88	0.99	0.4	8.96	6	72	2.5	<2	3.71	<0.5	75	56	65	9.57	2	0.35	33	1.59	1573	<1	2.79	36	0.22	9	<3	<10	<10	394	2.27	9	202	<10	52	188
SP21-17	794904	26.00	27.00	1.00	2128204	<5	794904	75	0.72	0.5	9.07	5	93	2.7	<2	3.84	<0.5	82	47	58	9.48	<2	0.53	39	1.71	1615	1	2.86	27	0.24	5	<3	<10	12	402	2.42	9	239	<10	52	148
SP21-17	794905	27.00	28.00	1.00	2128204	<5	794905	29	0.33	0.4	8.11	8	40	2.1	<2	5.08	<0.5	73	49	50	9.57	<2	0.24	33	2.24	1898	1	1.75	28	0.23	6	<3	<10	<10	367	2.12	9	322	<10	60	135
SP21-17	794906	28.00	29.00	1.00	2128204	<5	794906	9	0.05	0.3	8.29	9	46	2	<2	5.30	<0.5	73	43	39	9.37	<2	0.34	33	2.43	2007	<1	1.74	29	0.22	6	<3	<10	10	381	2.08	9	328	<10	59	125
SP21-17	794907	29.00	30.00	1.00	2128204	<5	794907	33	0.20	0.5	8.63	<5	37	2	<2	4.29	<0.5	84	45	40	9.87	<2	0.24	36	2.50	1987	1	2.24	30	0.26	8	<3	<10	10	268	2.27	10	343	<10	59	208
SP21-17	794908	30.00	31.00	1.00	2128204	<5	794908	81	0.62	0.5	8.64	10	91	1.8	<2	2.78	<0.5	60	45	70	>10.00	<2	0.44	26	1.94	1784	2	2.33	57	0.22	11	<3	<10	10	286	1.99	10	326	<10	58	96
SP21-17	794909	31.00	32.00	1.00	2128204	<5	794909	144	1.07	0.5	8.87	7	144	1.6	<2	2.58	<0.5	55	62	81	>10.00	<2	0.60	24	1.75	1666	<1	2.44	65	0.18	13	<3	<10	<10	276	1.95	11	304	<10	53	150
SP21-18	794910	12.00	13.00	1.00	2128204	<5	794910	<5	0.03	0.2	6.41	23	65	1.3	<2	####	<0.5	81	94	167	7.41	<2	0.50	42	1.70	1664	<1	0.14	149	0.15	7	<3	<10	<10	408	1.27	8	86	<10	41	62
SP21-18	794911	13.00	14.00	1.00	2128204	<5	794911	<5	0.05	0.2	5.69	17	32	1.2	<2	####	<0.5	71	88	202	7.37	3	0.26	35	1.69	1745	<1	0.09	189	0.08	6	<3	<10	<10	322	1.30	5	84	<10	41	45
SP21-18	794912	18.00	19.00	1.00	2128204	<5	794912	<5	0.02	0.3	6.00	8	29	1.7	<2	####	<0.5	64	33	175	7.77	3	0.25	32	1.94	2048	<1	0.12	115	0.15	10	3	<10	<10	323	1.20	6	86	<10	49	56
SP21-18	794913	19.00	20.00	1.00	2128204	<5	794913	11	0.08	0.3	6.01	8	39	1.5	<2	####	<0.5	64	30	231	7.93	<2	0.36	33	1.72	2179	1	0.14	112	0.13	3	<3	<10	<10	319	1.14	5	87	<10	50	50
SP21-18	794914	20.00	21.00	1.00	2128204	<5	794914	11	0.05	0.2	5.09	6	35	1.4	<2	####	<0.5	54	30	88	7.94	<2	0.36	26	2.00	1901	<1	0.08	82	0.15	3	<3	<10	<10	233	1.15	8	217	<10	58	53
SP21-18	794915	21.00	22.00	1.00	2128204	<5	794915	8	0.04	0.3	5.95	<5	57	1.6	<2	####	<0.5	68	39	168	8.76	4	0.60	37	2.11	1804	<1	0.14	136	0.15	8	3	<10	<10	265	1.28	11	119	<10	61	76

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-18	794916	108.00	109.00	1.00	2128204	817	794916	199	2.51	0.7	7.80	10	266	2.1	<2	3.21	<0.5	102	49	153	9.33	<2	1.04	49	2.66	827	1	2.57	103	0.26	11	<3	<10	10	207	1.15	9	97	<10	35	200
SP21-18	794917	109.00	110.00	1.00	2128204	6	794917	251	2.51	0.3	8.37	10	445	2.6	<2	3.03	<0.5	122	41	127	9.03	<2	1.60	62	1.87	448	1	3.08	41	0.27	9	<3	<10	12	272	1.31	8	90	<10	29	103
SP21-18	794918	110.00	111.00	1.00	2128204	6	794918	317	3.35	0.3	8.01	7	354	2.4	<2	2.72	<0.5	124	38	96	9.49	<2	1.30	61	1.46	340	1	3.13	20	0.25	8	<3	<10	<10	277	1.16	8	73	<10	26	94
SP21-18	794919	111.00	112.00	1.00	2128204	13	794919	338	3.80	0.4	8.20	9	210	2.3	<2	2.67	<0.5	144	52	100	>10.00	<2	0.98	72	1.68	411	2	3.63	33	0.37	6	<3	<10	10	262	1.01	12	71	<10	29	157
SP21-18	794920	112.00	113.00	1.00	2128204	12	794920	454	4.14	0.4	7.38	11	75	1.1	<2	2.09	<0.5	101	53	137	>10.00	<2	0.37	50	2.74	667	1	2.57	53	0.29	14	<3	<10	<10	113	1.15	15	120	<10	40	148
SP21-18	794921	113.00	114.00	1.00	2128204	21	794921	189	1.55	0.4	6.82	11	65	0.8	<2	2.30	<0.5	65	35	191	>10.00	<2	0.36	31	4.53	1007	<1	0.49	71	0.23	6	<3	<10	<10	48	1.41	15	202	<10	53	120
SP21-18	794922	114.00	115.00	1.00	2128204	13	794922	482	4.23	0.5	6.97	9	139	1.8	<2	2.27	<0.5	76	65	176	>10.00	<2	0.67	37	2.93	724	<1	1.57	56	0.25	11	<3	<10	10	131	1.35	16	192	<10	48	153
SP21-18	794923	115.00	116.00	1.00	2128204	138	794923	440	4.46	0.4	7.16	7	201	2.2	<2	2.50	<0.5	86	64	148	>10.00	<2	0.87	43	1.66	459	3	2.60	42	0.29	6	<3	<10	<10	170	1.40	13	182	<10	31	152
SP21-18	794924	116.00	117.00	1.00	2128204	12	794924	241	2.95	0.3	7.77	9	148	2.6	<2	2.37	<0.5	140	46	46	9.38	<2	0.97	74	1.57	427	1	3.25	20	0.28	5	<3	<10	10	162	0.94	7	41	<10	25	182
SP21-18	794925	117.00	118.00	1.00	2128204	<5	794925	224	2.40	0.2	8.63	6	185	3.4	<2	2.41	<0.5	169	37	53	8.80	2	1.19	84	1.68	440	1	3.23	22	0.29	6	<3	<10	14	193	0.76	7	23	<10	25	105
SP21-18	794926	118.00	119.00	1.00	2128204	773	794926	402	3.20	0.4	8.90	6	396	2.3	<2	1.89	<0.5	77	51	190	>10.00	<2	2.06	37	2.09	1058	1	1.70	69	0.19	6	<3	<10	<10	140	1.61	12	230	<10	36	117
SP21-18	794927	119.00	120.00	1.00	2128204	66	794927	262	2.82	0.4	8.52	7	251	1.5	<2	1.57	<0.5	58	66	703	>10.00	<2	2.07	28	2.62	1286	<1	1.54	287	0.10	8	<3	<10	<10	116	1.40	15	215	<10	53	162
SP21-18	794928	120.00	121.00	1.00	2128204	19	794928	192	2.54	0.3	10.40	7	371	2.7	<2	1.94	<0.5	97	42	112	>10.00	<2	2.04	48	1.50	1105	1	2.10	112	0.27	11	<3	<10	11	178	1.46	11	192	<10	34	84
SP21-18	794929	121.00	122.00	1.00	2128204	21	794929	146	1.89	0.4	10.37	9	564	2.6	<2	2.35	<0.5	82	34	61	9.17	<2	2.84	42	1.08	1311	<1	1.93	57	0.20	6	<3	<10	<10	173	1.64	9	244	<10	29	63
SP21-18	794930	122.00	123.00	1.00	2128204	36	794930	67	1.09	0.4	11.05	9	612	3.4	<2	1.63	<0.5	86	32	106	8.99	<2	2.95	42	1.10	1578	1	2.44	46	0.25	8	<3	<10	<10	231	1.97	9	290	<10	30	118
SP21-18	794931	123.00	124.00	1.00	2128204	6	794931	96	1.56	0.4	9.26	7	314	2.4	<2	2.07	<0.5	131	41	75	8.81	<2	1.37	63	1.72	828	1	2.89	38	0.31	11	<3	<10	12	245	1.18	8	116	<10	30	197
SP21-18	794932	124.00	125.00	1.00	2128204	10	794932	218	2.69	0.5	8.32	10	185	1.9	<2	2.56	<0.5	69	69	54	>10.00	<2	1.24	31	1.82	1000	2	2.47	95	0.22	9	<3	<10	<10	242	2.12	11	308	<10	36	117
SP21-18	794933	125.00	126.00	1.00	2128204	10	794933	133	2.34	0.3	8.65	7	103	1.9	<2	2.63	<0.5	89	61	69	>10.00	<2	0.70	41	1.77	930	1	3.11	60	0.29	5	<3	<10	11	209	1.94	9	232	<10	33	130
SP21-18	794934	126.00	127.00	1.00	2128204	10	794934	25	0.41	0.6	9.19	7	390	2.2	<2	1.59	<0.5	58	38	140	9.15	<2	1.53	26	1.67	1635	1	2.46	95	0.21	3	<3	<10	<10	166	2.28	9	308	<10	37	79
SP21-18	794935	127.00	128.00	1.00	2128204	11	794935	53	0.62	0.5	8.71	14	461	2.1	<2	7.12	<0.5	66	55	328	>10.00	2	1.74	31	1.68	1920	3	1.51	178	0.12	8	16	<10	<10	268	1.74	10	332	<10	40	186
SP21-18	794936	128.00	129.00	1.00	2128204	8	794936	151	1.57	0.3	8.72	12	172	2.8	<2	2.20	<0.5	82	36	92	8.52	2	0.81	38	1.51	822	1	3.52	120	0.13	9	4	<10	11	257	1.34	7	142	<10	28	149
SP21-18	794937	129.00	130.00	1.00	2128204	<5	794937	110	1.68	0.4	8.70	11	49	3	<2	1.12	<0.5	137	27	46	6.61	<2	0.21	64	0.68	302	2	4.90	30	0.14	5	<3	<10	<10	230	0.62	4	13	<10	15	223
SP21-18	794938	130.00	131.00	1.00	2128204	<5	794938	150	2.04	0.4	9.07	7	37	2.9	<2	1.12	<0.5	147	30	60	6.52	<2	0.21	69	0.73	296	1	5.21	40	0.15	8	<3	<10	11	229	0.65	4	14	<10	16	227
SP21-18	794939	131.00	132.00	1.00	2128204	62	794939	80	1.37	0.4	8.49	5	123	3	<2	1.51	<0.5	98	27	142	9.59	<2	0.57	43	1.77	968	1	3.30	96	0.11	8	<3	<10	<10	252	0.97	8	144	<10	35	214
SP21-18	794940	132.00	133.00	1.00	2128204	106	794940	44	1.00	0.3	7.66	8	110	2.8	<2	1.45	<0.5	103	22	162	9.51	<2	0.53	45	1.63	1099	<1	2.68	106	0.10	9	<3	<10	<10	187	0.89	8	139	<10	38	164
SP21-18	794941	133.00	134.00	1.00	2128204	30	794941	28	0.67	0.2	7.87	9	124	3.1	<2	1.25	<0.5	91	19	139	8.52	2	0.54	40	1.43	1034	1	2.51	84	0.08	4	<3	<10	<10	196	0.85	7	138	<10	35	103
SP21-18	794942	134.00	135.00	1.00	2128204	135	794942	60	1.65	0.4	7.33	6	132	2.8	<2	1.03	<0.5	108	27	118	9.10	<2	0.48	47	1.69	881	1	2.67	83	0.08	7	<3	<10	10	174	0.86	7	146	<10	30	228
SP21-18	794943	135.00	136.00	1.00	2128204	79	794943	89	1.80	0.6	7.34	11	138	3	<2	1.17	<0.5	84	37	106	9.28	<2	0.56	35	1.77	843	<1	2.61	70	0.08	9	<3	<10	<10	185	0.95	7	157	<10	32	279
SP21-18	794944	136.00	137.00	1.00	2128204	96	794944	72	1.42	0.4	7.77	6	104	2.9	<2	0.93	<0.5	105	29	95	9.32	<2	0.36	46	1.95	1001	1	2.90	88	0.08	4	<3	<10	10	188	0.90	6	145	<10	35	202
SP21-18	794945	137.00	138.00	1.00	2128204	14	794945	28	0.82	0.4	7.01	8	184	3.1	<2	1.16	<0.5	78	25	272	9.64	<2	0.61	34	1.46	1264	<1	2.45	134	0.08	7	<3	<10	<10	189	0.95	8	177	<10	48	235
SP21-18	794946	138.00	139.00	1.00	2128204	122	794946	93	1.69	0.6	7.50	10	69	3.6	<2	1.31	<0.5	126	35	136	9.73	4	0.21	51	1.64	1151	1	3.17	123	0.06	8	<3	<10	<10	229	0.67	7	109	<10	47	475
SP21-18	794947	139.00	140.00	1.00	2128204	7	794947	82	1.68	0.4	7.20	7	45	2.9	<2	1.43	<0.5	105	39	192	9.56	<2	0.15	44	1.94	1155	1	2.97	167	0.07	6	<3	<10	<10	180	0.74	8	135	<10	50	217
SP21-18	794948	140.00	141.00	1.00	2128204	<5	794948	46	0.59	0.3	6.23	27	20	1.4	<2	4.53	<0.5	33	65	346	9.45	2	0.08	15	4.30	1911	<1	0.92	373	0.11	14	<3	<10	<10	121	1.05	10	198	<10	104	63
								Cu	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Fe	Ga	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
SP21-19	430201	5.90	7.00	1.10	A21-22987	<5	430201	302	0.79	<0.3	7.76	4	138	3	3	5.66	<0.3	31	8	8.53	25.00	0.69	1.62	763	<1	3.15	23	0.17	<3	<5	12	299	7	0.48	<5	<10	51	<5	38	23	131
SP21-19	430202	7.00	7.80	0.80	A21-22987	<5	430202	147	0.20	<0.3	7.42	<3	53	3	<2	7.40	<0.3	17	7	7.73	24.00	0.37	1.70	871	<1	2.81	9	0.17	<3	<5	14	310	4	0.28	<5	<10	78	<5	41	22	50
SP21-19	430203	7.80	8.80	1.00	A21-22987	<5	430203	246	0.56	<0.3	8.25	<3	119	3	<2	6.23	<0.3	27	10	8.64	25.00	0.57	1.58	894	<1	3.06	23	0.17	<3	<5	18	336	2	0.4	<5	<10	53	<5	37	24	53
SP21-19	430204	8.80	9.80	1.00	A21-22987	<5	430204	443	1.12	<0.3	8.15	<3	141	2	2	6.21	0.5	38	13	9.67	23.00	0.7	1.68	841	<1	2.75	39	0.17	<3	<5	19	320	2	0.38	<5	<10	54	<5	27	24	26
SP21-19	430205	9.80	10.80	1.00	A21-22987	<5	430205	463	1.49	<0.3	8.57	6	114	1	<2	7.31	0.3	42	20	9.63	23.00	0.52	1.51	798	<1	2.4	46	0.14	<3	<5	20	336	4	0.45	<5	<10	75	<5	18	22	23
SP21-19	430206	10.80	11.80	1.00	A21-22987	<5	430206	187	0.59	<0.3	8.57	<3	136	2	<2	7.12	<0.3	26	21	7.95	23.00	0.56	1.63	737	<1	2.66	40	0.12	<3	<5	21	350	5	0.47	<5	<10	81	<5	20	22	23

Hole ID	Sample ID	From (m)	To (m)	Length (m)	Cert. No.	Au (ppb)	Sample ID	Cu ppm	S %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
SP21-19	430207	11.80	12.80	1.00	A21-22987	<5	430207	268	0.73	<0.3	8.79	<3	143	2	<2	6.67	<0.3	27	21	8.04	24.00	0.64	1.50	700	<1	2.76	39	0.11	<3	<5	19	374	4	0.5	<5	<10	78	<5	18	24	17
SP21-19	430208	12.80	13.80	1.00	A21-22987	<5	430208	154	0.30	<0.3	8.74	<3	155	2	<2	5.81	<0.3	20	53	7.07	26.00	0.71	1.45	697	<1	3.15	39	0.13	<3	<5	18	358	6	0.37	<5	<10	51	<5	29	22	57
SP21-19	430209	13.80	14.80	1.00	A21-22987	<5	430209	171	0.41	<0.3	7.62	<3	150	2	<2	6.41	<0.3	27	90	8.99	24.00	0.78	1.95	942	<1	2.89	61	0.14	<3	<5	18	278	5	0.5	<5	<10	83	<5	35	28	69
SP21-19	430210	14.80	15.80	1.00	A21-22987	<5	430210	236	0.64	<0.3	7.17	<3	118	2	<2	6.76	<0.3	32	45	9.88	25.00	0.53	1.79	1020	<1	2.26	45	0.17	<3	<5	20	254	2	0.34	<5	<10	67	<5	34	30	27
SP21-19	430211	15.80	16.80	1.00	A21-22987	<5	430211	200	0.63	<0.3	7.27	<3	133	2	<2	6.82	<0.3	28	31	9.69	23.00	0.56	1.76	1050	<1	2.4	47	0.18	<3	<5	18	275	4	0.34	<5	<10	53	<5	34	31	28
SP21-19	430212	16.80	17.50	0.70	A21-22987	<5	430212	159	0.68	<0.3	7.41	<3	96	2	<2	6.11	<0.3	31	93	10.2	23.00	0.47	1.75	981	<1	2.69	59	0.16	<3	<5	20	246	2	0.34	<5	<10	53	<5	34	30	26
SP21-19	430213	20.80	21.90	1.10	A21-22987	<5	430213	266	1.59	<0.3	7.10	<3	75	2	3	6.14	0.3	60	31	11.9	26.00	0.39	1.93	1120	<1	2.41	65	0.18	<3	<5	20	247	2	0.39	<5	<10	59	<5	32	26	22
SP21-19	430214	21.90	23.00	1.10	A21-22987	<5	430214	152	1.07	<0.3	7.40	<3	118	2	2	6.04	0.4	48	74	11.9	27.00	0.64	2.20	1180	<1	2.27	59	0.18	<3	<5	24	257	<2	0.5	<5	<10	90	<5	32	29	28
SP21-19	430215	23.00	24.00	1.00	A21-22987	<5	430215	99	0.89	<0.3	7.84	<3	180	1	3	5.55	0.4	44	156	12.5	26.00	1.03	2.26	1070	<1	2.14	59	0.19	<3	<5	27	275	12	1.08	<5	<10	200	<5	24	31	33
SP21-19	430216	24.00	24.80	0.80	A21-22987	<5	430216	130	0.99	<0.3	8.43	3	263	1	3	3.62	0.4	44	35	11.6	28.00	1.72	1.80	835	<1	2.6	67	0.14	<3	<5	29	382	8	0.73	<5	<10	214	<5	20	35	53
SP21-19	430217	24.80	25.60	0.80	A21-22987	<5	430217	311	2.28	<0.3	8.97	<3	125	1	3	3.18	0.4	81	31	12.9	29.00	1.84	1.55	702	<1	2.59	90	0.14	<3	<5	31	426	3	0.7	<5	<10	127	<5	23	36	33

APPENDIX 5

CERTIFICATES OF ANALYSIS

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2127939 - Au

DateIn: November 11, 2021
DateOut: March 31, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	352
779501	101
779502	29
779503	36
779504	37
779505	2745
779506	1469
779507	2007
779508	45
779509	1089
779510	33
779511	126
779512	186
779512 DUP - P	206
779513	1201
779514	1874
779515	2496
779516	606
779517	2777
779518	1605
779519	1931
779520	1395
779521	321
779522	1190
779522 DUP - C	955
779523	2264
779524	619
779525	1209
779526	868
779527	1138
779528	1401
779529	1456
779530	3326
779531	1791
779532	646
779532 DUP - P	501

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2127939 - Au

DateIn: November 11, 2021
DateOut: March 31, 2022

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Email: info@easternanalytical.ca
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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	335
779533	1083
779534	89
779535	3036
779536	141
779537	1313
779538	1129
779539	83
779540	294
779541	597
779542	1805
779542 DUP - C	2617
779543	1182
779544	4141
779545	1223
779546	6196
779547	2138
779548	685
779549	1277
779550	9872
779551	1296
779552	1232
779552 DUP - P	1328
779553	3401
779554	3589
779555	2066
779556	555
779557	337
779558	424
779559	175
779560	472
779561	73
779562	24
779562 DUP - C	37
779563	26
779564	9

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2127939 - Au

DateIn: November 11, 2021
DateOut: March 31, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
779565	21

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2127939 - ICP

DateIn: November 11, 2021
DateOut: May 4, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.3	6.82	15	254	0.7	<2	0.06	<0.5	23	57	943	775	>10.00	<2	0.33	10	0.16	545	2	0.07	442	0.03	18	0.05	<3	<10	<10	16	0.56	2	328	<10	48	107
779501	0.7	7.37	12	255	2.1	<2	1.79	<0.5	60	32	103	174	8.60	<2	0.38	26	2.90	707	1	2.89	64	0.16	8	1.57	<3	<10	<10	144	1.56	6	243	<10	35	171
779502	0.7	9.26	16	140	2.6	<2	1.73	0.5	54	26	237	28	9.71	3	0.41	24	4.18	1027	2	2.79	152	0.14	11	0.23	<3	<10	<10	183	2.02	9	342	<10	45	177
779503	0.8	8.57	17	32	1.9	<2	1.95	0.6	51	42	155	13	>10.00	<2	0.09	22	4.81	1191	1	2.03	108	0.16	9	0.10	<3	<10	<10	105	2.02	9	330	<10	52	178
779504	0.8	8.28	10	59	1.6	<2	1.86	<0.5	40	50	196	107	>10.00	<2	0.30	17	3.94	1072	1	2.61	143	0.13	13	1.00	<3	<10	13	111	1.70	8	288	<10	45	142
779505	1.1	5.60	9	80	1.4	4	1.55	<0.5	65	59	343	559	>10.00	<2	0.52	32	2.45	595	1	2.18	184	0.11	22	5.83	<3	<10	13	79	1.26	13	121	<10	45	158
779506	0.7	5.26	<5	73	1.3	2	1.91	<0.5	74	52	250	758	>10.00	<2	0.56	37	2.03	444	1	2.30	133	0.14	22	6.26	<3	<10	<10	99	1.19	13	99	<10	42	156
779507	0.8	6.30	12	67	1.6	2	1.75	<0.5	60	58	331	1011	>10.00	<2	0.51	29	3.58	695	1	1.79	251	0.15	18	5.61	<3	<10	10	106	1.28	11	153	<10	56	131
779508	0.7	9.44	6	253	2.4	<2	1.65	<0.5	59	65	215	229	9.06	<2	0.94	26	3.95	721	2	3.29	136	0.11	8	2.00	<3	<10	<10	232	1.47	7	222	<10	42	176
779509	0.9	9.59	13	344	3.7	<2	1.13	<0.5	194	26	47	118	4.61	<2	1.82	84	1.42	288	2	5.39	33	0.19	6	1.18	<3	12	<10	221	0.86	<2	57	<10	19	472
779510	0.5	8.75	10	163	2.7	<2	2.35	<0.5	125	28	63	292	8.79	<2	0.89	56	2.18	511	2	4.47	43	0.37	5	2.40	<3	<10	<10	232	1.25	6	87	<10	35	263
779511	0.3	8.60	8	282	1.7	<2	2.73	<0.5	31	15	193	127	5.31	<2	2.28	14	0.90	422	1	4.54	54	0.04	5	1.15	<3	<10	<10	393	1.68	3	283	<10	22	45
779512	0.4	8.23	10	248	1.6	<2	2.33	<0.5	38	25	203	253	6.37	<2	2.15	17	1.10	437	1	4.50	66	0.06	7	1.41	<3	12	<10	359	1.69	5	280	<10	26	56
779512 DUP-P	0.3	8.81	8	252	1.6	<2	2.40	<0.5	38	26	201	263	6.38	<2	2.20	18	1.12	439	2	4.46	67	0.06	10	1.42	<3	<10	<10	372	1.71	4	282	<10	26	53
779513	0.6	7.32	<5	185	1.3	<2	2.05	<0.5	48	45	251	538	>10.00	<2	1.90	24	1.94	390	1	3.53	119	0.10	18	4.40	<3	<10	<10	165	1.57	10	213	<10	38	80
779514	0.7	6.50	8	116	1.6	<2	2.18	<0.5	60	45	232	1390	>10.00	<2	1.27	29	2.45	424	2	2.19	124	0.16	16	5.34	<3	<10	11	83	1.25	13	135	<10	46	155
779515	0.7	5.04	7	40	1.5	3	2.05	<0.5	73	60	222	1290	>10.00	<2	0.37	37	2.21	403	2	1.92	155	0.15	24	7.49	<3	<10	14	99	1.15	16	98	<10	47	163
779516	0.5	4.90	8	32	1.2	<2	2.50	<0.5	69	42	309	1092	>10.00	2	0.35	35	2.29	417	1	1.79	110	0.17	20	5.26	<3	<10	14	85	1.16	12	107	<10	41	152
779517	0.5	4.88	8	34	1.5	5	2.02	<0.5	64	56	235	1596	>10.00	5	0.33	32	2.08	337	1	1.98	156	0.08	24	7.23	<3	<10	11	82	1.18	15	116	<10	46	135
779518	0.6	5.29	12	25	1.3	2	1.93	<0.5	68	48	207	786	>10.00	<2	0.21	34	3.67	523	1	0.99	122	0.13	21	4.91	<3	10	14	43	1.24	15	137	<10	50	146
779519	0.4	5.15	11	27	1.3	3	4.19	<0.5	60	54	218	1317	>10.00	<2	0.32	30	2.18	473	1	2.10	141	0.15	18	6.14	<3	<10	13	123	1.05	15	84	<10	47	127
779520	0.5	5.29	7	54	1.5	2	4.54	<0.5	65	45	207	813	>10.00	<2	0.47	32	2.80	637	2	1.43	122	0.14	22	4.60	<3	<10	<10	114	1.14	14	117	<10	53	131
779521	0.5	5.35	7	56	0.8	<2	6.16	<0.5	60	33	282	369	>10.00	<2	0.76	30	4.38	840	2	0.42	165	0.11	12	2.38	4	<10	<10	96	1.24	11	166	<10	56	113
779522	0.6	5.19	9	72	1.3	2	4.01	<0.5	64	54	261	1337	>10.00	2	0.76	32	2.80	554	2	1.32	221	0.16	18	7.29	8	<10	13	118	1.11	16	98	<10	56	133
779522 DUP-C	0.6	5.16	10	63	1.2	3	3.90	<0.5	62	51	206	1172	>10.00	5	0.76	31	2.84	546	1	1.27	158	0.15	21	7.11	<3	<10	14	116	1.12	16	99	<10	54	134
779523	0.7	5.41	10	90	1.4	<2	4.24	<0.5	61	51	187	843	>10.00	3	1.07	30	2.73	560	1	1.51	148	0.15	22	6.45	<3	<10	11	146	1.15	14	112	<10	52	124
779524	0.6	4.96	11	111	0.8	<2	6.55	<0.5	54	45	160	646	>10.00	2	1.67	27	3.70	849	1	0.55	116	0.13	13	2.56	<3	<10	12	104	1.13	11	139	<10	53	108
779525	0.4	5.61	7	81	1.4	<2	4.63	<0.5	69	59	264	596	>10.00	<2	1.13	33	2.82	642	1	1.69	119	0.16	13	4.17	<3	<10	13	155	1.22	12	108	<10	50	149
779526	0.4	5.37	9	85	1.0	<2	4.70	<0.5	68	38	212	898	>10.00	<2	1.01	34	2.96	663	1	1.55	89	0.14	18	3.82	4	13	<10	99	1.15	11	90	<10	52	143
779527	0.5	5.14	8	59	1.3	<2	3.19	<0.5	66	35	193	1104	>10.00	<2	0.71	32	2.48	557	1	1.64	122	0.14	17	6.42	<3	<10	11	96	1.09	14	83	<10	53	141
779528	0.6	5.30	12	82	1.7	3	2.74	<0.5	69	43	270	1267	>10.00	2	0.91	34	1.79	425	1	1.84	218	0.16	18	8.41	<3	12	15	122	1.11	15	75	<10	50	150
779529	0.8	4.93	9	122	2.1	2	2.10	<0.5	61	46	320	2477	>10.00	<2	1.12	30	1.61	337	4	1.35	300	0.15	33	9.86	9	<10	17	92	1.18	18	102	<10	57	138
779530	0.7	4.88	7	124	1.6	3	2.63	<0.5	55	46	96	1676	>10.00	<2	1.26	27	1.34	263	1	1.59	188	0.18	24	9.99	5	10	18	158	1.25	18	116	<10	48	126
779531	0.6	5.53	<5	122	1.5	<2	2.60	<0.5	69	34	276	1547	>10.00	<2	1.52	36	2.42	400	1	1.23	132	0.15	23	6.84	<3	<10	15	144	1.23	15	98	<10	49	153
779532	0.5	5.96	7	154	1.6	<2	3.54	<0.5	82	27	232	659	>10.00	<2	2.41	42	3.23	534	1	1.05	119	0.18	16	5.23	<3	<10	12	151	1.28	14	101	<10	45	180
779532 DUP-P	0.6	5.77	5	150	1.6	<2	3.45	<0.5	80	26	226	647	>10.00	<2	2.35	41	3.13	515	1	1.02	116	0.17	17	5.14	4	<10	<10	146	1.24	13	98	<10	44	169
779533	0.5	5.27	6	126	1.6	2	3.54	<0.5	70	31	273	908	>10.00	<2	1.84	36	3.43	600	1	0.75	124	0.14	13	4.71	7	<10	13	120	1.07	13	84	<10	48	147
779534	0.5	5.77	9	138	1.8	<2	3.19	0.5	81	23	267	524	>10.00	<2	1.82	41	3.92	650	1	0.71	104	0.16	13	3.24	<3	<10	10	113	1.36	12	139	<10	52	169
779535	0.5	5.78	6	128	1.7	3	3.28	<0.5	84	39	234	854	>10.00	<2	1.66	42	3.09	537	1	1.34	130	0.19	12	5.33	<3	<10	10	154	1.25	14	112	<10	51	186

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2127939 - ICP

DateIn: November 11, 2021
DateOut: May 4, 2022

EASTERN Analytical

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P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	<0.2	8.14	16	188	0.7	<2	0.18	<0.5	35	31	542	368	>10.00	<2	0.42	16	0.24	498	3	0.10	224	0.03	21	0.05	<3	<10	<10	31	0.74	2	246	<10	48	138
779536	0.5	5.61	9	166	1.0	<2	3.16	<0.5	65	30	192	524	>10.00	<2	2.90	32	4.63	720	1	0.43	112	0.12	18	2.84	3	10	10	67	1.35	14	163	<10	59	129
779537	0.5	5.70	13	147	1.1	<2	3.20	<0.5	64	33	188	656	>10.00	<2	2.28	32	3.83	669	1	0.75	111	0.12	17	3.69	<3	<10	12	124	1.34	13	148	<10	56	117
779538	0.6	6.06	12	150	1.7	2	2.35	<0.5	73	33	243	596	>10.00	<2	1.65	36	2.96	571	1	1.20	110	0.15	18	7.06	<3	<10	12	133	1.36	15	134	<10	54	157
779539	0.6	6.36	17	198	2.0	2	3.18	<0.5	76	45	264	1109	>10.00	<2	1.58	38	2.46	577	1	1.51	129	0.21	21	8.33	3	<10	<10	171	1.32	17	119	<10	54	162
779540	0.6	6.13	12	184	2.1	<2	2.76	<0.5	83	45	257	804	>10.00	<2	1.58	43	2.29	542	3	1.42	104	0.16	22	7.11	13	12	22	157	1.28	16	109	<10	48	175
779541	0.6	5.38	15	168	2.0	2	1.83	<0.5	67	45	280	1725	>10.00	3	1.55	35	2.14	470	3	1.13	169	0.14	18	7.87	7	<10	<10	110	1.11	18	101	<10	58	152
779542	0.6	5.48	14	158	1.5	5	1.77	<0.5	69	56	259	1987	>10.00	3	1.36	34	2.64	566	1	0.97	136	0.16	17	9.49	8	<10	<10	104	1.20	18	94	<10	64	143
779542 DUP-C	0.7	5.75	11	164	1.5	3	1.87	<0.5	73	58	266	1993	>10.00	2	1.42	36	2.72	587	1	1.05	137	0.18	20	9.86	9	<10	12	112	1.26	19	98	<10	65	152
779543	0.6	5.62	15	168	1.8	3	2.04	<0.5	73	49	182	1197	>10.00	2	1.89	35	2.24	444	1	1.25	113	0.19	24	8.08	13	10	10	109	1.20	16	129	<10	56	167
779544	0.8	6.38	11	206	1.5	14	2.06	0.7	77	39	166	1476	>10.00	<2	2.11	37	2.24	429	1	1.88	82	0.22	13	5.17	<3	14	11	150	1.30	13	118	<10	53	161
779545	0.5	6.56	8	205	2.0	4	1.91	0.6	106	32	128	735	>10.00	2	2.06	50	1.54	284	2	2.61	60	0.21	12	5.07	5	<10	15	251	0.93	9	66	<10	33	228
779546	0.2	7.78	10	211	2.8	12	2.49	0.5	142	20	56	423	7.96	3	1.26	70	1.39	230	1	4.27	12	0.24	6	2.52	<3	<10	<10	506	0.74	5	37	<10	23	127
779547	0.4	8.14	7	236	3.3	2	2.67	<0.5	146	20	52	375	7.39	<2	1.40	72	1.46	242	1	4.60	10	0.25	4	2.10	<3	<10	<10	450	0.73	4	41	<10	23	153
779548	0.3	6.97	7	225	2.8	<2	2.45	<0.5	130	21	56	332	7.27	<2	1.27	65	1.48	326	2	4.35	19	0.26	7	2.19	<3	<10	10	321	0.75	6	49	<10	24	104
779549	0.5	6.78	8	182	2.4	<2	2.42	<0.5	102	24	164	467	8.61	2	1.01	50	1.89	423	2	3.08	38	0.20	6	2.73	<3	<10	11	273	1.23	6	87	<10	34	192
779550	0.6	5.25	6	200	1.5	21	2.12	0.6	64	49	286	1154	>10.00	<2	1.30	32	1.34	306	<1	2.02	94	0.14	17	6.40	<3	<10	13	190	1.10	13	72	<10	42	131
779551	0.5	4.26	10	156	1.2	4	1.77	0.5	56	60	224	1003	>10.00	<2	1.05	28	1.13	245	1	1.64	118	0.14	19	8.01	<3	<10	<10	136	0.89	14	47	<10	42	109
779552	0.7	5.77	14	163	1.8	2	2.36	0.5	78	44	172	966	>10.00	<2	1.33	39	2.85	474	1	1.36	92	0.18	16	5.38	<3	<10	13	126	1.27	14	144	<10	50	167
779552 DUP-P	0.7	5.53	10	152	1.7	<2	2.26	<0.5	75	41	168	933	>10.00	<2	1.28	38	2.73	455	1	1.32	92	0.17	15	5.13	<3	<10	<10	121	1.22	13	138	<10	48	161
779553	0.8	4.94	7	373	1.6	3	1.96	<0.5	79	54	222	1499	>10.00	2	1.29	41	1.69	300	2	1.67	141	0.15	20	6.98	<3	<10	20	117	1.06	14	111	<10	47	169
779554	0.6	5.11	5	162	1.7	<2	2.05	<0.5	68	55	269	1311	>10.00	2	1.58	35	1.92	349	2	1.44	108	0.12	19	5.90	<3	<10	<10	128	1.11	15	104	<10	48	161
779555	0.7	3.89	9	109	1.2	<2	1.54	<0.5	53	62	253	1725	>10.00	<2	1.39	26	1.96	320	1	0.80	152	0.12	23	7.78	4	<10	11	73	0.93	19	120	<10	55	119
779556	0.4	6.25	10	93	1.9	<2	1.82	<0.5	104	33	160	685	>10.00	<2	0.97	51	2.72	414	1	2.16	71	0.19	10	3.91	<3	<10	<10	147	0.92	11	91	<10	43	215
779557	0.6	7.87	8	185	2.5	<2	2.34	<0.5	141	23	48	521	7.96	<2	1.08	69	1.35	188	1	4.53	16	0.34	6	3.04	<3	<10	11	241	0.96	5	46	<10	25	273
779558	0.6	7.87	9	240	2.5	<2	3.06	<0.5	124	21	43	479	7.80	5	1.70	59	1.39	180	1	3.82	12	0.33	7	2.68	<3	<10	10	329	1.18	5	82	<10	24	231
779559	0.4	6.88	8	173	2.0	<2	3.69	<0.5	104	29	78	558	9.96	<2	1.47	50	1.21	278	12	3.48	35	0.28	8	4.06	<3	<10	<10	222	1.06	8	98	<10	25	201
779560	0.5	6.79	11	117	1.6	<2	3.25	0.6	92	31	130	517	>10.00	<2	0.94	45	2.04	372	2	3.20	53	0.26	11	3.76	3	<10	13	171	1.15	10	128	<10	32	184
779561	0.4	7.66	10	241	2.9	<2	3.90	<0.5	121	21	93	138	7.18	<2	1.44	58	1.61	500	2	3.87	53	0.28	12	1.45	<3	<10	<10	314	1.11	5	85	<10	39	141
779562	0.6	5.92	<5	314	2.8	<2	2.18	<0.5	76	30	156	70	7.42	<2	1.56	34	1.43	934	3	3.84	105	0.21	9	0.79	<3	<10	<10	212	1.71	6	168	<10	59	145
779562 DUP-C	0.5	8.23	8	411	2.6	<2	2.59	<0.5	88	33	156	73	8.20	<2	1.70	40	1.58	1021	1	4.03	100	0.23	9	0.81	<3	<10	13	259	1.82	6	178	<10	65	146
779563	0.5	8.54	9	318	1.9	<2	2.18	<0.5	80	48	629	55	>10.00	<2	1.43	35	2.14	1411	1	2.74	406	0.22	10	0.70	<3	<10	10	204	1.85	9	169	<10	94	241
779564	0.6	10.04	8	229	2.9	<2	1.47	<0.5	119	16	45	17	6.19	<2	0.73	55	1.54	973	2	5.40	21	0.11	3	0.13	<3	<10	<10	294	0.92	4	68	<10	56	275
779565	0.5	9.09	7	148	2.8	<2	1.56	<0.5	119	25	46	98	5.98	3	0.62	55	0.92	702	2	5.94	7	0.11	5	0.98	<3	<10	<10	232	0.57	4	14	<10	48	277

Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - As

DateIn: November 19, 2021
DateOut: May 19, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: Dawn Wright

Results apply to samples as submitted.

ISO/IEC 17025
* Accrediated Procedures

SAMPLE NUMBER	* Ni %
BLANK	<0.01
STD Su-1b	1.85
794086	0.12

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

EASTERN Analytical
Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	324
779791	6
779792	<5
779793	<5
779794	6
779795	<5
779796	7
779797	<5
779798	<5
779799	<5
779800	<5
779801	16
779802	<5
779802 DUP - P	<5
779803	<5
779804	<5
779805	<5
779806	<5
779807	<5
779808	<5
779809	<5
779810	<5
779811	<5
779812	<5
779812 DUP - C	<5
779813	<5
779814	<5
779815	<5
779816	<5
779817	<5
779818	22
779819	61
779820	24
779821	55
779822	7
779822 DUP - P	6

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

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Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	327
779823	10
779824	152
779825	44
779826	2105
779827	<5
779828	217
779829	64
779830	35
779831	47
779832	32
779832 DUP - C	64
779833	2326
779834	5244
779835	1178
779836	46
779837	46
779838	10
779839	<5
779840	97
779841	84
779842	6
779842 DUP - P	45
779843	727
779844	24
779845	10
779846	<5
779847	80
779848	9
779849	12
779850	258
779851	17
779852	18
779852 DUP - C	47
779853	10
779854	78

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

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Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	332
779855	11
779856	10
779857	11
779858	27
779859	23
779860	36
779861	426
779862	157
779862 DUP - P	240
779863	39
779864	23
779865	37
779866	23
779867	750
779868	1972
779869	4133
779870	3735
779871	11333
779872	846
779872 DUP - C	592
779873	1262
779874	556
779875	1747
779876	481
779877	1071
779878	847
779879	3181
779880	2032
779881	1631
779882	16
779882 DUP - P	35
779883	<5
779884	<5
779885	<5
779886	58

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

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Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	324
779887	114
779888	<5
779889	9
779890	7
779891	<5
779892	<5
779892 DUP - C	10
779893	<5
779894	<5
779895	<5
779896	11
779897	6
779898	7
779899	7
779900	<5
794001	16
794002	<5
794002 DUP - P	<5
794003	5
794004	<5
794005	<5
794006	7
794007	7
794008	<5
794009	8
794010	<5
794011	5
794012	<5
794012 DUP - C	<5
794013	<5
794014	<5
794015	<5
794016	<5
794017	<5
794018	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

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Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	333
794019	7
794020	<5
794021	<5
794022	<5
794022 DUP - P	<5
794023	<5
794024	<5
794025	<5
794026	<5
794027	<5
794028	<5
794029	<5
794030	<5
794031	<5
794032 DUP - C	6
794033	<5
794034	<5
794035	<5
794036	<5
794037	<5
794038	<5
794039	<5
794040	<5
794041	<5
794042	<5
794042 DUP - P	<5
794043	<5
794044	<5
794045	10
794046	<5
794047	<5
794048	<5
794049	<5
794050	13
794051	9

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	316
794052	6
794052 DUP - C	<5
794053	<5
794054	5
794055	5
794056	<5
794057	<5
794058	<5
794059	5
794060	<5
794061	<5
794062	<5
794062 DUP - P	6
794063	<5
794064	<5
794065	<5
794066	<5
794067	<5
794068	<5
794069	7
794070	<5
794071	<5
794072	<5
794072 DUP - C	<5
794073	<5
794074	<5
794075	<5
794076	<5
794077	<5
794078	<5
794079	<5
794080	<5
794081	<5
794082	<5
794082 DUP - P	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128054 - Au

DateIn: November 19, 2021
DateOut: March 25, 2022

EASTERN Analytical
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403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
794083	11
794084	<5
794085	7
794086	<5
794087	7
794088	<5
794089	54
794090	3782
794091	2185
794092	336
794092 DUP - C	412
794093	1004
794094	447
794095	9
794096	<5
794097	<5
794098	5
794099	<5

Metallic Sieve Certificate

Client: Spruce Ridge Resources
Geologist: Colin Bowdidge
Project: Great Burnt
Sample: Pulp/Reject

DskFile: 578-2128054 - Met

DateIn: March 28, 2022
DateOut: June 17, 2022

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Email: info@easternanalytical.ca
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403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

ISO/IEC 17025

SAMPLE NUMBER	Au ppb	+150 Mesh wt (g)	Au ppb	-150 Mesh wt (g)	Total wt (g)	Weighted Average ppb
BLANK - AU	<5	---	---	---	---	---
STD OREAS L13	1288	---	---	---	---	---
779867	727	0.55	700	1650.45	1651	700
779868	206711	1.14	2449	1746.86	1748	2582
779869	471778	0.18	3455	2111.82	2112	3495
779870	1373438	0.16	3885	1862.84	1863	4003
779871	42080	13.70	10860	1699.30	1713	11110
779872	166255	1.02	5581	1654.98	1656	5680
779873	57511	1.74	1837	1734.26	1736	1893
779874	467846	0.13	565	1644.87	1645	602
779875	11538	48.40	1329	2059.60	2108	1563
779876	711	30.71	697	1753.29	1784	697
779877	100925	0.40	1061	1776.60	1777	1083
779878	80705	1.76	1458	1912.24	1914	1531
779879	2767	2.62	2097	2403.38	2406	2098
779880	17897	8.14	2640	1558.86	1567	2719
779881	11607	53.54	2363	1785.46	1839	2632

Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - As

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical
Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: Sam Wright

Results apply to samples as submitted.

ISO/IEC 17025
* Accrediated Procedures

SAMPLE NUMBER	* Ni %
BLANK	<0.01
STD Su-1b	1.92
794371	0.15

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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Email: info@easternanalytical.ca
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Signed by:

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ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	340
794344	<5
794345	<5
794346	<5
794347	<5
794348	<5
794349	9
794350	5
794351	1012
794352	1224
794352 DUP - P	1204
794353	12
794354	16
794355	<5
794356	32
794357	933
794358	49
794359	12
794360	9
794361	105
794362	<5
794362 DUP - C	<5
794363	<5
794364	6
794365	<5
794366	<5
794367	9
794368	59
794369	<5
794370	<5
794371	<5
794372	<5
794372 DUP - P	<5
794373	<5
794374	<5
794375	9

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	383
794376	5
794377	<5
794378	<5
794379	<5
794380	<5
794381	<5
794493	829
794494	819
794495	649
794496	49
794497	398
794498	186
794499	19
794500	24
794501	1270
794502	9
794502 DUP - C	10
794503	14
794504	8
794505	<5
794506	20
794507	12
794508	12
794566	17
794567	7985
794568	1186
794569	1882
794570	6261
794571	2076
794572	1471
794572 DUP - P	1642
794573	2580
794574	2097
794575	731
794576	2299

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
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Signed by: 

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* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	339
794577	402
794578	349
794579	1700
794580	793
794581	1420
794582	458
794582 DUP - C	569
794583	140
794584	273
794585	877
794586	1354
794587	580
794588	15
794589	<5
794590	<5
794591	<5
794592	<5
794592 DUP - P	<5
794593	<5
794594	<5
794595	1040
794596	368
794597	<5
794598	5
794599	875
794600	5
794601	940
794602	22
794602 DUP - C	32
794603	8
794604	10
794605	<5
794606	<5
794607	419
794608	18

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
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Signed by:

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ISO/IEC 17025
* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	344
794609	5
794610	<5
794611	<5
794612	<5
794612 DUP - P	<5
794613	<5
794614	<5
794615	<5
794616	<5
794617	<5
794618	<5
794619	<5
794620	<5
794621	<5
794622	11
794622 DUP - C	11
794623	7
794624	<5
794625	<5
794626	<5
794627	<5
794628	7
794629	7
794630	13
794631	<5
794632	<5
794632 DUP - P	<5
794633	7
794634	<5
794635	<5
794636	<5
794637	<5
794638	<5
794639	<5
794640	9

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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Signed by:

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ISO/IEC 17025

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	330
794641	<5
794642	7
794642 DUP - C	24
794643	122
794644	13
794645	54
794646	8
794647	116
794648	10
794649	254
794650	63
794651	392
794652	79
794652 DUP - P	84
794653	14
794654	<5
794655	17
794656	11
794657	<5
794658	<5
794659	76
794660	24
794661	29
794662	300
794662 DUP - C	93
794663	6
794664	913
794665	527
794666	1521
794667	1054
794668	731
794669	25
794670	273
794671	259

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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Signed by:

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ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	349
794672	262
794672 DUP - P	169
794673	<5
794674	260
794675	21
794676	536
794677	1439
794678	200
794679	371
794680	<5
794681	514
794682	165
794682 DUP - C	43
794683	43
794684	32
794685	85
794686	9
794687	41
794688	12
794689	7
794690	1696
794691	3201
794692	1478
794692 DUP - P	1700
794693	341
794694	20
794695	380
794696	4830
794697	2378
794698	1611
794699	1088
794700	111
794701	605
794702	1570
794702 DUP - C	1877

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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Signed by: 

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ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	341
794703	1311
794704	462
794705	970
794706	64
794707	9
794708	18
794709	114
794710	24
794711	104
794712	68
794712 DUP - P	86
794713	29
794714	29
794715	446
794716	<5
794717	31
794718	3695
794719	55
794720	106
794721	165
794722	394
794722 DUP - C	237
794723	69
794724	31
794725	10
794726	<5
794727	81
794728	647
794729	247
794730	217
794731	72
794732	2319
794732 DUP - P	2293
794733	281
794734	55

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
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Signed by: 

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	343
794735	26
794736	11
794737	21
794738	15
794739	263
794740	17
794741	11
794742	26
794742 DUP - C	28
794743	222
794744	238
794745	153
794746	144
794747	42
794748	8
794749	144
794750	2218
794751	1043
794752	1377
794752 DUP - P	1374
794753	1067
794754	289
794755	321
794756	852
794757	9
794758	7
794759	202
794760	1241
794761	70
794762	376
794762 DUP - C	467
794763	559
794764	355
794765	42
794766	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	320
794767	<5
794768	<5
794769	<5
794770	142
794771	122
794772	1820
794772 DUP - P	2084
794773	2578
794774	2941
794775	678
794776	1715
794777	1718
794778	2691
794779	1584
794780	884
794781	1099
794782	1873
794782 DUP - C	1413
794783	2397
794784	2911
794785	1234
794786	1822
794787	5905
794788	1576
794789	726
794790	602
794791	2488
794792	4150
794792 DUP - P	4281
794793	102
794794	733
794795	453
794796	1127
794797	490
794798	16

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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Signed by:

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	345
794799	92
794800	10
794801	<5
794802	9
794802 DUP - C	9
794803	<5
794804	31
794805	72
794806	7
794807	22
794808	7
794809	<5
794810	5
794811	<5
794812	<5
794812 DUP - P	<5
794813	<5
794814	<5
794815	<5
794816	22
794817	38
794818	<5
794819	<5
794820	<5
794821	<5
794822	14
794822 DUP - C	15
794823	25
794824	24
794825	<5
794826	6
794827	<5
794828	<5
794829	13
794830	63

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128165 - Au

DateIn: December 1, 2021
DateOut: March 23, 2022

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
794831	<5

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	0.01	<2	<0.01	<1	<0.01	1	1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.3	6.74	15	248	0.6	<2	0.07	<0.5	24	61	985	785	>10.00	<2	0.34	10	0.16	544	2	0.08	462	0.03	23	0.04	<3	<10	<10	16	0.56	2	316	<10	45	107
794344	<0.2	7.43	58	237	1.4	<2	4.27	<0.5	75	43	402	219	7.55	<2	0.94	34	3.75	1665	2	2.36	289	0.33	<2	0.23	3	12	<10	215	1.19	12	132	<10	91	148
794345	0.3	7.68	18	334	1.5	<2	4.95	<0.5	115	23	35	304	8.29	<2	1.19	50	1.84	1591	2	3.34	4	0.45	4	1.12	<3	<10	21	204	1.20	13	63	<10	65	250
794346	<0.2	7.95	8	346	1.7	<2	3.79	<0.5	121	18	34	76	8.00	<2	1.29	54	1.86	1654	2	3.42	4	0.48	5	0.32	<3	<10	<10	210	1.29	10	59	<10	84	220
794347	<0.2	7.97	<5	288	1.8	<2	3.56	<0.5	123	16	44	<5	8.03	<2	1.27	54	2.06	1775	1	3.21	14	0.49	2	0.02	<3	<10	<10	211	1.32	10	59	<10	68	218
794348	<0.2	9.98	9	264	1.8	<2	2.44	<0.5	134	11	32	41	7.08	<2	1.07	60	1.62	1455	2	4.21	2	0.31	5	0.42	<3	<10	<10	219	0.94	6	25	<10	39	186
794349	<0.2	9.14	17	394	3.0	<2	3.90	<0.5	150	33	75	179	7.67	<2	1.33	70	1.78	1372	2	3.35	39	0.27	4	1.30	<3	16	<10	499	1.26	9	98	<10	52	147
794350	<0.2	7.17	12	210	1.1	<2	5.45	<0.5	78	36	127	13	9.04	<2	1.38	35	3.97	1845	1	1.20	84	0.37	3	0.06	<3	<10	11	173	1.61	14	185	<10	81	105
794351	0.5	6.64	16	367	0.9	<2	6.49	<0.5	69	124	287	962	>10.00	9	1.98	35	2.21	2109	1	0.47	153	0.18	8	0.27	<3	<10	16	229	1.40	20	131	<10	156	94
794352	4.8	5.93	14	406	0.6	<2	6.22	4.5	48	91	201	9853	>10.00	<2	2.55	25	1.64	1836	<1	0.14	96	0.23	9	1.91	<3	11	18	207	1.33	23	146	<10	360	45
794352 DUP-P	4.7	5.81	12	396	0.6	<2	6.17	4.2	47	90	197	9944	>10.00	<2	2.49	24	1.61	1801	<1	0.15	95	0.22	10	1.86	<3	<10	14	207	1.29	23	143	11	353	48
794353	0.9	7.52	<5	243	1.8	<2	5.09	2.2	74	50	108	2113	10.00	<2	1.67	34	2.21	1145	1	1.42	60	0.25	9	0.71	<3	12	12	344	1.57	19	146	<10	130	100
794354	0.2	9.84	6	464	3.2	<2	4.32	0.5	152	26	49	396	7.96	<2	2.48	73	1.01	889	2	2.80	16	0.42	7	0.20	<3	<10	<10	474	1.42	13	82	<10	58	183
794355	<0.2	8.83	13	353	3.5	<2	3.59	<0.5	144	13	57	<5	4.54	<2	1.39	63	0.62	568	1	3.76	2	0.49	<2	0.01	<3	<10	<10	384	1.22	5	42	<10	29	210
794356	<0.2	10.25	14	449	2.8	<2	1.93	<0.5	157	37	42	18	9.10	<2	3.01	74	0.84	953	1	1.67	11	0.47	7	0.10	<3	<10	13	223	1.23	10	44	<10	44	159
794357	0.2	11.28	16	508	2.7	<2	1.53	<0.5	152	53	37	60	>10.00	<2	3.97	69	0.50	1057	2	1.41	30	0.31	6	1.59	<3	<10	14	289	2.48	13	260	<10	43	331
794358	<0.2	10.86	7	749	2.7	<2	1.87	<0.5	192	22	41	<5	10.00	<2	4.09	92	0.76	980	1	1.14	7	0.52	<2	0.03	<3	<10	12	207	1.34	13	45	<10	43	159
794359	0.4	10.68	<5	660	2.7	<2	1.66	<0.5	186	13	35	<5	9.56	<2	4.47	83	0.59	913	2	0.61	5	0.50	8	0.01	<3	<10	<10	161	1.30	7	49	<10	39	442
794360	0.2	10.79	12	432	3.4	<2	2.39	<0.5	224	53	47	58	8.37	<2	2.76	105	0.61	652	1	3.14	7	0.46	2	0.36	<3	<10	15	377	1.30	6	44	<10	39	356
794361	<0.2	10.68	6	457	3.5	<2	1.59	<0.5	127	37	45	34	>10.00	<2	2.87	55	0.69	1088	1	2.40	27	0.29	<2	0.51	<3	<10	10	274	2.39	11	223	<10	37	331
794362	<0.2	10.21	11	321	1.7	<2	1.57	<0.5	80	57	127	20	>10.00	<2	1.58	36	1.89	2149	2	1.17	58	0.22	6	0.09	<3	<10	10	167	2.64	16	307	12	56	133
794362 DUP-C	<0.2	10.28	12	321	1.8	<2	1.53	<0.5	73	54	130	19	>10.00	<2	1.49	33	1.86	2137	3	1.15	62	0.21	9	0.10	<3	<10	13	154	2.58	19	302	11	54	128
794363	<0.2	11.98	<5	782	2.4	<2	1.58	<0.5	82	63	197	101	>10.00	4	3.03	40	1.28	2648	2	1.66	176	0.20	4	0.37	<3	<10	24	219	3.14	14	390	<10	49	79
794364	<0.2	11.54	11	832	2.1	<2	1.47	<0.5	54	71	398	365	>10.00	<2	2.97	26	1.37	2189	1	1.70	357	0.08	9	0.82	<3	<10	15	242	2.36	16	358	<10	51	51
794365	<0.2	8.11	44	62	1.2	2	2.20	<0.5	33	102	859	189	>10.00	6	0.31	16	3.54	1998	3	1.03	819	0.10	5	0.59	<3	<10	11	144	1.48	21	226	<10	74	78
794366	<0.2	7.43	12	33	1.1	<2	4.33	<0.5	25	70	380	59	>10.00	7	0.24	13	2.97	1839	2	1.27	340	0.12	12	0.04	<3	<10	24	196	1.40	19	235	<10	60	51
794367	<0.2	6.99	12	104	0.9	<2	3.78	<0.5	25	73	835	91	>10.00	7	0.64	13	1.93	1621	2	1.38	581	0.10	11	0.31	<3	<10	11	264	1.36	21	236	<10	54	79
794368	<0.2	9.12	13	96	1.0	<2	3.03	<0.5	27	61	303	239	>10.00	4	0.57	14	1.61	1360	<1	2.32	202	0.09	9	0.77	<3	<10	10	398	1.40	16	239	<10	44	15
794369	<0.2	8.08	15	61	1.2	2	4.63	<0.5	25	64	632	55	>10.00	2	0.33	12	2.16	1615	1	2.11	374	0.09	6	0.22	<3	<10	<10	409	1.44	21	256	<10	51	90
794370	<0.2	6.80	11	12	0.6	<2	5.35	<0.5	17	79	725	7	>10.00	4	0.06	10	4.10	1945	1	0.59	554	0.07	13	0.04	<3	<10	10	133	1.08	24	235	<10	66	32
794371	<0.2	5.14	25	9	0.5	2	4.56	<0.5	12	105	1462	68	>10.00	4	0.04	7	4.64	1554	2	0.26	>1100	0.04	7	0.33	9	<10	13	70	0.85	24	154	<10	72	33
794372	<0.2	5.29	35	42	0.9	<2	3.92	<0.5	22	75	612	99	7.43	2	0.45	11	2.23	1081	2	1.42	595	0.06	4	0.28	44	<10	14	152	0.95	12	138	<10	46	57
794372 DUP-P	<0.2	5.21	38	39	0.8	<2	3.86	<0.5	19	71	608	92	7.38	4	0.42	10	2.18	1075	<1	1.32	587	0.05	3	0.27	40	<10	12	148	0.89	12	129	<10	42	54
794373	<0.2	4.89	44	34	0.8	2	4.01	<0.5	17	40	300	37	6.10	2	0.49	9	1.64	1051	3	1.45	253	0.07	4	0.03	9	<10	22	167	0.90	12	144	<10	32	30
794374	<0.2	4.52	30	36	0.9	<2	5.87	<0.5	15	40	238	79	5.07	3	0.47	8	1.29	1060	3	1.44	138	0.05	7	0.03	10	<10	11	258	0.85	13	133	<10	24	29
794375	<0.2	3.99	103	21	1.0	<2	6.79	<0.5	11	79	638	68	7.50	4	0.26	6	2.15	1324	2	0.44	652	0.04	5	0.09	49	<10	18	244	0.74	18	119	<10	44	48
794376	<0.2	3.66	108	31	1.1	<2	7.11	<0.5	10	47	302	13	6.36	4	0.36	6	1.80	1224	7	0.64	321	0.04	7	0.05	21	<10	19	192	0.64	19	119	<10	35	17
794377	<0.2	6.67	16	58	1.2	<2	5.43	<0.5	25	45	253	<5	7.82	<2	0.46	13	2.20	1392	5	2.10	208	0.08	2	0.05	3	<10	<10	321	1.23	20	197	<10	42	51
794378	<0.2	7.79	37	73	1.1	<2	4.59	<0.5	23	68	421	18	>10.00	4	0.47	12	2.93	1926	1	2.37	338	0.12	4	0.04	<3	11	13	271	1.49	21	268	<10	58	51

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: Joan Wright

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	0.01	<2	<0.01	<1	<0.01	1	1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	0.3	8.03	14	177	0.9	<2	0.20	<0.5	38	32	546	382	>10.00	<2	0.42	18	0.26	510	2	0.10	228	0.04	23	0.05	<3	<10	<10	34	0.79	2	238	<10	44	136
794379	<0.2	1.81	33	16	0.7	<2	12.59	<0.5	6	17	128	<5	2.88	3	0.13	4	0.71	1580	1	0.51	91	0.02	4	0.01	4	<10	<10	440	0.32	13	51	<10	16	16
794380	<0.2	2.07	15	23	0.9	<2	11.69	<0.5	9	15	128	<5	2.52	17	0.20	5	0.65	1505	2	0.67	89	0.02	<2	<0.01	4	<10	15	451	0.34	14	51	<10	12	15
794381	<0.2	4.70	94	13	1.6	2	6.00	<0.5	12	79	1359	112	9.22	10	0.13	7	3.35	1446	6	0.49	1081	0.05	4	0.11	80	<10	18	153	0.79	23	153	<10	67	27
794493	<0.2	5.17	<5	99	1.2	<2	3.81	<0.5	67	46	330	642	>10.00	2	0.73	35	2.47	793	22	1.16	149	0.13	13	4.38	9	<10	28	96	1.25	21	76	<10	33	66
794494	0.5	5.70	5	110	1.8	2	3.60	<0.5	74	53	299	967	>10.00	<2	0.96	38	2.75	644	1	1.73	209	0.15	15	5.83	<3	<10	<10	84	1.24	18	93	<10	51	137
794495	0.3	5.98	9	80	1.7	<2	7.59	<0.5	79	42	259	488	>10.00	<2	0.80	40	2.34	1075	<1	1.59	164	0.16	6	3.50	<3	<10	12	149	1.31	12	91	<10	38	106
794496	0.4	5.68	8	80	1.5	<2	9.28	<0.5	67	45	203	243	9.23	<2	0.88	34	4.05	1428	1	0.58	121	0.16	8	1.36	<3	<10	12	161	1.26	11	144	<10	57	89
794497	0.4	5.54	8	67	1.4	<2	8.13	<0.5	74	40	287	438	>10.00	<2	0.98	37	2.25	1350	1	1.55	146	0.14	8	2.92	<3	<10	14	195	1.28	11	93	<10	43	114
794498	0.4	5.40	9	49	1.1	<2	5.50	0.5	75	36	294	563	>10.00	<2	0.82	37	3.72	1031	1	0.75	120	0.16	12	2.79	<3	<10	14	92	1.26	16	138	<10	52	146
794499	0.6	7.03	14	51	1.7	<2	3.60	<0.5	84	44	287	720	>10.00	<2	0.44	41	2.82	571	3	2.41	120	0.27	7	4.29	<3	<10	10	140	1.42	16	159	<10	47	176
794500	0.6	15.82	10	442	3.3	<2	2.36	<0.5	125	34	271	168	>10.00	<2	2.59	57	1.07	1099	5	3.11	191	0.32	2	1.97	<3	<10	12	226	1.83	10	217	<10	37	276
794501	0.4	9.75	11	267	2.4	<2	1.60	<0.5	74	46	45	11	>10.00	<2	1.67	33	1.38	1598	1	2.42	37	0.29	4	0.24	<3	<10	11	156	2.56	12	310	<10	44	90
794502	0.4	9.44	11	234	2.2	<2	2.85	<0.5	76	39	60	89	8.17	3	1.57	33	1.73	1031	2	3.03	34	0.26	3	1.05	<3	<10	<10	186	2.54	7	287	<10	31	113
794502 DUP-C	0.4	9.38	6	230	2.2	<2	2.95	<0.5	73	38	46	94	7.77	<2	1.50	32	1.76	924	1	3.18	32	0.25	5	1.06	<3	<10	<10	187	2.51	7	275	<10	30	121
794503	0.5	9.12	9	143	1.8	<2	3.00	<0.5	81	41	55	102	8.11	<2	0.77	35	2.04	885	2	3.41	49	0.28	5	0.93	<3	<10	<10	188	2.28	7	287	<10	41	140
794504	0.4	8.50	7	75	1.5	<2	3.05	<0.5	87	32	45	34	9.00	<2	0.63	40	1.69	1322	2	3.06	4	0.29	5	0.27	<3	<10	<10	190	1.90	9	155	<10	58	135
794505	0.5	8.40	14	97	1.9	<2	3.47	<0.5	83	64	353	77	>10.00	<2	0.55	36	2.75	1731	1	2.14	318	0.26	7	0.37	<3	<10	10	202	1.47	11	162	<10	71	229
794506	0.5	9.05	8	92	3.0	<2	2.61	<0.5	132	25	48	117	9.31	<2	0.61	60	1.28	1084	6	4.12	4	0.51	5	1.54	<3	<10	<10	293	1.31	9	62	<10	48	180
794507	0.2	7.40	5	66	2.7	<2	3.08	<0.5	106	18	117	22	7.97	<2	0.76	48	1.38	1512	3	3.22	58	0.49	2	0.35	<3	<10	<10	300	1.13	8	50	<10	52	91
794508	0.4	11.80	9	331	3.1	<2	2.58	<0.5	89	34	174	44	>10.00	<2	1.90	41	1.41	1456	2	2.42	68	0.34	5	0.45	<3	<10	<10	270	1.51	11	153	<10	57	116
794566	0.3	6.05	16	39	1.0	<2	3.28	<0.5	47	48	356	50	7.75	<2	0.21	21	3.99	1096	1	1.13	233	0.14	6	0.25	<3	<10	<10	80	0.99	8	176	<10	50	66
794567	0.5	7.72	10	116	2.1	6	2.73	<0.5	101	33	93	499	9.95	<2	0.67	48	2.37	482	2	3.05	56	0.28	9	3.02	<3	<10	<10	234	1.32	11	111	<10	33	202
794568	0.4	6.77	11	207	1.3	<2	3.10	<0.5	63	47	221	980	>10.00	<2	1.36	31	1.93	292	1	2.14	75	0.26	13	4.69	<3	<10	<10	254	1.41	16	187	<10	31	114
794569	0.4	6.37	8	211	1.1	<2	2.91	<0.5	57	55	233	1025	>10.00	<2	1.60	28	1.86	281	1	1.82	69	0.23	10	5.26	<3	<10	11	201	1.35	17	173	<10	32	91
794570	0.4	5.61	7	160	1.0	5	2.41	<0.5	49	68	236	1154	>10.00	<2	1.26	24	1.51	236	3	1.77	87	0.21	17	6.65	<3	<10	<10	160	1.18	21	145	<10	34	76
794571	0.4	6.04	9	182	1.1	<2	2.59	<0.5	55	73	358	1610	>10.00	5	1.70	27	1.87	314	3	1.69	191	0.23	16	8.29	<3	<10	16	156	1.29	23	166	<10	43	79
794572	0.4	6.25	<5	177	1.0	<2	2.49	<0.5	54	44	240	809	>10.00	<2	2.05	26	2.56	426	1	1.31	108	0.23	19	5.66	<3	<10	<10	127	1.35	19	188	<10	43	95
794572 DUP-P	0.5	6.14	8	175	1.0	<2	2.49	<0.5	54	43	231	808	>10.00	<2	2.03	26	2.49	414	2	1.30	105	0.22	18	5.13	<3	<10	11	128	1.33	19	185	<10	41	85
794573	0.3	6.52	8	190	1.1	2	2.73	<0.5	59	48	199	910	>10.00	<2	2.13	29	2.23	372	1	1.62	124	0.21	15	5.92	<3	<10	<10	153	1.43	21	198	<10	41	90
794574	0.3	6.78	6	220	1.3	<2	3.25	<0.5	60	41	224	988	>10.00	<2	1.49	30	1.50	311	1	2.20	89	0.19	10	5.14	<3	<10	13	206	1.43	17	166	<10	30	96
794575	0.4	6.96	8	189	1.7	<2	2.87	<0.5	91	33	185	788	>10.00	<2	1.15	43	1.49	347	2	2.64	64	0.18	10	3.88	<3	<10	<10	207	1.07	11	112	<10	27	166
794576	0.4	6.39	8	306	1.0	<2	2.76	0.5	55	40	231	1008	>10.00	<2	1.94	27	1.77	295	1	1.83	99	0.16	13	5.79	<3	<10	11	173	1.38	17	184	<10	32	95
794577	0.2	8.25	5	190	3.1	<2	3.01	<0.5	124	31	163	637	9.67	<2	1.28	65	1.85	494	2	3.19	81	0.28	5	3.54	<3	<10	<10	217	0.84	10	50	<10	26	95
794578	0.4	6.83	14	143	2.2	<2	2.59	<0.5	112	38	135	792	>10.00	<2	1.69	56	3.16	647	1	1.44	65	0.24	13	3.91	<3	<10	<10	121	1.26	17	160	<10	51	169
794579	0.6	6.00	8	145	2.1	<2	2.22	<0.5	92	52	247	920	>10.00	<2	1.90	48	2.44	387	1	1.36	111	0.19	12	6.13	<3	<10	<10	133	1.30	23	148	<10	40	194
794580	0.6	5.44	6	134	1.2	<2	1.78	<0.5	79	46	315	1181	>10.00	<2	2.04	41	3.84	549	1	0.53	118	0.16	13	5.83	<3	<10	12	49	1.19	24	147	<10	47	182
794581	0.8	5.62	6	144	1.3	<2	3.17	<0.5	79	40	301	779	>10.00	<2	1.93	41	4.06	754	1	0.57	125	0.16	9	3.41	<3	<10	<10	60	1.17	18	146	<10	47	169

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

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Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.6	7.37	8	459	2.3	20	0.48	0.5	79	23	68	4201	6.34	<2	2.53	45	1.69	959	1	0.32	37	0.07	80	0.69	<3	<10	12	42	0.42	2	92	<10	352	111
794582	0.5	6.18	6	179	2.0	<2	2.16	<0.5	100	30	130	578	>10.00	<2	0.92	50	1.61	366	2	2.45	41	0.21	6	3.98	<3	<10	<10	152	1.02	10	94	<10	21	194
794582 DUP-C	0.4	6.35	9	180	2.0	<2	2.30	<0.5	101	33	171	655	>10.00	<2	0.99	50	1.68	380	1	2.53	48	0.21	7	4.21	<3	<10	<10	156	1.08	12	101	<10	22	192
794583	0.5	7.70	<5	281	3.0	<2	2.20	<0.5	140	23	413	484	8.40	<2	1.35	67	1.88	421	8	2.93	203	0.27	4	3.02	<3	<10	<10	212	0.90	8	66	<10	20	304
794584	<0.2	7.11	8	190	2.8	<2	1.84	<0.5	142	18	125	436	6.93	<2	0.94	73	1.65	338	3	3.33	45	0.37	3	2.66	<3	<10	<10	167	0.73	7	36	<10	16	106
794585	0.3	8.03	6	240	2.5	<2	1.98	<0.5	150	27	81	1199	9.10	<2	1.20	76	1.59	297	1	3.20	7	0.35	6	3.80	<3	<10	12	182	0.85	9	56	<10	21	115
794586	0.6	7.45	13	98	1.8	<2	1.84	<0.5	157	22	74	585	8.68	<2	0.54	77	1.70	315	1	3.78	8	0.36	6	3.42	<3	<10	<10	118	0.77	9	41	<10	19	312
794587	0.3	7.77	5	224	2.4	<2	2.35	<0.5	144	11	75	184	6.53	<2	0.96	70	1.84	516	1	3.25	8	0.32	8	1.82	<3	<10	<10	219	0.92	6	58	<10	17	170
794588	0.5	7.71	6	184	1.7	<2	2.63	<0.5	76	39	266	183	8.50	2	0.77	35	2.73	754	2	2.43	190	0.21	6	1.60	<3	<10	<10	253	1.36	11	160	<10	35	185
794589	0.3	7.51	5	168	1.1	<2	3.86	<0.5	32	50	238	97	8.27	<2	0.59	14	2.42	1234	1	1.94	134	0.09	8	0.60	<3	<10	<10	428	1.23	11	226	<10	54	114
794590	0.4	5.77	12	149	1.1	<2	7.15	<0.5	69	52	228	38	7.03	<2	1.27	35	4.47	1451	1	0.44	123	0.14	7	0.27	<3	<10	<10	183	1.27	10	168	<10	55	101
794591	0.3	6.60	13	117	1.5	<2	4.20	<0.5	86	52	416	27	7.36	<2	0.99	41	6.52	1350	4	0.80	260	0.18	6	0.09	<3	<10	<10	69	1.34	10	222	<10	56	175
794592	0.3	8.16	7	172	1.7	<2	3.50	<0.5	87	37	169	<5	7.07	<2	1.17	42	6.80	1062	2	1.27	104	0.22	4	0.01	<3	<10	<10	90	1.41	9	200	<10	50	159
794592 DUP-P	0.3	7.48	7	166	1.8	<2	3.71	<0.5	93	40	151	<5	7.49	<2	1.21	45	6.69	1163	1	1.19	80	0.23	7	0.01	<3	<10	<10	89	1.41	10	216	<10	53	172
794593	0.3	6.80	11	241	2.0	<2	7.26	<0.5	79	39	214	16	7.38	<2	1.82	39	5.19	1278	1	0.75	119	0.19	7	0.09	5	<10	<10	249	1.30	10	162	<10	57	126
794594	0.3	5.71	11	258	1.8	<2	10.05	<0.5	77	38	170	14	6.48	<2	2.22	39	4.07	1337	1	0.65	118	0.17	4	0.08	<3	<10	<10	252	1.26	10	152	<10	54	116
794595	0.4	5.89	5	232	1.7	<2	4.67	<0.5	82	47	263	794	>10.00	<2	2.04	42	2.54	843	1	1.98	174	0.15	10	4.68	<3	<10	<10	185	1.30	15	112	<10	46	120
794596	0.2	5.90	7	188	1.5	<2	8.85	<0.5	90	25	299	266	7.53	<2	1.92	48	2.14	1352	1	0.99	102	0.17	6	1.96	<3	<10	12	243	1.27	10	110	<10	35	102
794597	0.2	4.76	7	100	1.5	<2	8.99	<0.5	63	35	423	48	5.90	<2	0.96	32	3.72	1251	6	0.42	240	0.12	4	0.23	<3	<10	<10	156	1.03	8	142	<10	44	115
794598	0.2	5.50	6	129	1.3	<2	9.73	0.5	66	45	194	63	6.91	<2	1.30	32	4.16	1229	1	0.22	121	0.12	2	0.38	<3	<10	<10	179	1.27	11	194	<10	48	112
794599	0.3	6.83	9	148	1.7	<2	7.32	<0.5	79	48	127	174	6.71	<2	1.25	38	3.00	1031	1	1.50	81	0.14	4	1.14	<3	<10	<10	190	1.37	10	112	<10	38	95
794600	0.4	5.93	7	128	1.6	<2	8.07	<0.5	76	63	261	704	9.73	<2	0.71	38	1.93	1116	1	1.53	114	0.18	10	4.12	<3	<10	<10	193	1.28	13	110	<10	36	99
794601	0.4	5.95	6	83	1.6	<2	5.32	<0.5	82	51	223	943	>10.00	<2	0.57	41	1.94	757	1	2.41	112	0.18	10	5.85	<3	<10	<10	141	1.26	18	85	<10	37	142
794602	0.5	5.54	7	79	1.7	<2	3.87	<0.5	80	50	239	1077	>10.00	<2	0.67	41	1.84	456	1	2.40	118	0.21	10	6.79	<3	<10	14	143	1.17	20	97	<10	37	160
794602 DUP-C	0.7	5.61	7	79	1.7	<2	3.89	<0.5	78	48	225	1074	>10.00	<2	0.66	40	1.74	440	1	2.52	116	0.21	11	6.39	<3	<10	13	148	1.18	20	94	<10	36	155
794603	0.4	9.23	6	157	3.0	<2	2.60	<0.5	169	18	67	489	6.66	<2	0.85	81	1.27	335	16	4.71	35	0.31	2	2.76	<3	<10	<10	272	0.74	7	46	<10	19	316
794604	0.4	9.66	12	136	3.4	<2	3.12	<0.5	170	15	91	338	5.67	<2	1.06	80	0.87	255	2	4.40	41	0.36	<2	2.39	<3	<10	<10	272	0.83	6	43	<10	17	277
794605	0.5	10.96	13	74	2.9	<2	4.05	<0.5	160	18	81	318	6.15	<2	0.62	76	0.93	300	4	4.97	24	0.34	2	2.30	<3	<10	<10	292	0.87	6	55	<10	19	296
794606	0.4	9.55	12	139	3.3	<2	3.93	<0.5	145	26	83	345	7.59	<2	1.23	68	1.29	341	2	4.15	41	0.41	4	2.59	<3	<10	10	363	1.39	6	102	<10	26	236
794607	0.5	10.79	10	582	2.9	<2	2.37	<0.5	114	38	65	74	9.42	<2	3.51	53	1.24	1324	2	2.27	37	0.35	6	1.07	<3	<10	10	211	2.53	10	325	<10	41	195
794608	0.6	9.06	10	242	2.1	<2	2.52	<0.5	77	61	42	183	9.84	<2	1.65	34	1.79	1012	2	2.67	38	0.25	6	1.60	<3	<10	10	154	2.40	11	332	<10	37	148
794609	0.6	9.10	6	139	2.1	<2	4.14	<0.5	77	72	47	379	9.26	<2	1.16	32	2.34	421	2	3.48	41	0.25	4	2.81	<3	<10	<10	237	2.34	10	369	<10	35	236
794610	0.5	9.98	12	150	2.5	<2	4.47	0.6	91	28	51	64	6.36	<2	1.07	42	2.60	555	1	4.15	34	0.28	5	0.77	<3	<10	<10	246	2.65	7	402	<10	31	160
794611	0.6	8.89	8	114	2.1	<2	3.95	<0.5	80	44	47	38	9.95	<2	0.97	34	2.43	1476	1	2.65	32	0.24	7	0.38	<3	<10	<10	203	2.32	12	293	<10	51	257
794612	0.2	8.07	5	554	2.8	<2	5.91	0.5	90	23	80	43	7.52	<2	2.09	41	1.04	1292	3	3.39	47	0.33	3	1.11	<3	<10	<10	462	1.25	6	83	<10	83	59
794612 DUP-P	0.3	7.98	6	543	2.6	<2	5.84	<0.5	88	23	25	41	7.59	<2	2.04	40	1.00	1298	2	3.24	5	0.33	2	1.07	<3	<10	<10	476	1.24	6	83	<10	82	52
794613	0.3	5.52	<5	307	2.2	<2	1.00	<0.5	104	8	160	9	5.66	<2	1.51	49	1.19	517	1	1.63	6	0.14	2	0.04	<3	<10	<10	198	0.38	4	36	<10	73	233
794614	<0.2	1.86	<5	145	0.9	<2	1.50	<0.5	35	5	132	<5	1.63	<2	0.59	16	0.32	190	1	0.46	7	0.05	<2	0.01	<3	<10	<10	87	0.13	<2	41	<10	17	83
794615	0.3	7.41	9	171	1.0	<2	4.95	<0.5	40	59	431	249	9.12	<2	0.66	19	3.54	1481	<1	2.11	307	0.13	7	0.81	<3	<10	<10	176	1.11	8	181	<10	87	112

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.2	6.75	16	257	0.7	<2	0.07	<0.5	24	59	965	814	>10.00	<2	0.33	11	0.17	560	3	0.07	433	0.03	18	0.05	<3	<10	<10	16	0.56	2	319	<10	45	115
794616	0.3	6.67	8	142	1.2	<2	5.02	<0.5	72	75	283	587	8.82	<2	0.52	33	2.35	1034	2	2.75	215	0.26	4	2.05	<3	<10	<10	199	1.10	8	123	<10	56	181
794617	0.3	7.92	10	97	1.0	<2	2.45	<0.5	35	70	554	113	9.41	<2	0.58	16	5.41	1888	2	0.98	362	0.12	6	0.49	<3	<10	<10	137	1.23	10	218	<10	88	99
794618	0.2	9.81	9	376	2.6	<2	2.53	<0.5	64	39	165	59	7.99	<2	1.38	31	1.95	1808	4	2.71	100	0.09	8	0.34	<3	<10	<10	447	1.00	9	254	<10	51	67
794619	0.6	9.83	6	556	2.6	<2	3.47	<0.5	96	41	61	101	8.05	<2	1.88	44	1.78	2160	7	2.31	55	0.22	4	0.68	<3	<10	<10	384	1.69	11	287	<10	49	122
794620	0.2	9.17	9	827	3.2	<2	1.62	<0.5	90	39	100	192	7.10	<2	3.09	44	1.83	1190	6	1.33	57	0.10	5	1.20	<3	<10	<10	155	0.55	11	214	<10	39	111
794621	<0.2	9.58	5	931	3.7	<2	1.34	<0.5	93	30	95	114	6.59	<2	4.18	46	1.76	1030	4	0.99	61	0.07	6	0.94	<3	<10	<10	117	0.52	10	211	<10	35	102
794622	0.2	9.57	7	1021	3.6	<2	0.96	<0.5	96	30	104	129	6.23	<2	4.88	47	1.63	783	7	0.74	62	0.06	4	1.02	<3	<10	<10	81	0.49	12	250	<10	30	102
794622 DUP-C	0.2	9.69	5	1033	3.5	<2	0.98	<0.5	96	31	90	142	6.27	<2	4.93	47	1.65	785	7	0.77	63	0.06	3	1.03	<3	<10	<10	83	0.49	12	253	<10	30	106
794623	0.2	10.08	<5	977	3.1	<2	1.05	<0.5	93	28	122	125	5.96	<2	4.29	45	1.81	809	9	0.86	56	0.07	2	0.68	<3	<10	<10	92	0.49	10	246	<10	29	111
794624	0.3	7.42	7	324	1.3	<2	2.67	<0.5	27	52	481	120	9.18	<2	1.57	12	1.84	1082	2	2.02	248	0.09	2	1.44	<3	<10	<10	216	1.19	9	254	<10	42	54
794625	0.3	8.19	5	355	1.8	<2	2.44	<0.5	31	89	648	306	>10.00	2	1.71	14	2.92	1012	<1	1.74	331	0.08	11	2.95	<3	<10	<10	224	1.33	14	292	<10	60	91
794626	0.3	8.59	8	607	1.8	<2	4.51	<0.5	43	50	344	185	9.76	<2	2.96	20	2.65	1019	2	1.63	163	0.08	6	1.83	<3	<10	<10	275	1.23	11	333	<10	55	103
794627	0.4	8.55	5	548	1.6	<2	2.90	<0.5	35	57	393	158	9.99	<2	2.89	15	2.63	1106	1	1.81	238	0.12	6	1.67	<3	<10	<10	245	1.45	10	315	<10	56	99
794628	0.3	8.24	10	283	1.3	<2	4.06	<0.5	39	55	323	82	9.55	<2	1.51	18	3.06	1423	1	1.51	219	0.12	6	0.98	<3	<10	<10	230	1.43	11	287	<10	58	114
794629	0.3	7.79	19	323	1.9	<2	3.10	<0.5	33	56	537	99	8.65	<2	1.68	15	2.76	998	2	1.83	368	0.09	10	1.14	<3	<10	<10	208	1.24	8	247	<10	45	104
794630	0.4	6.48	17	221	1.3	<2	3.21	<0.5	25	92	853	477	>10.00	<2	1.22	12	3.22	1069	1	1.10	599	0.08	13	2.95	<3	<10	<10	113	1.10	14	230	<10	51	61
794631	0.3	5.96	11	127	1.0	<2	4.21	<0.5	23	124	885	509	>10.00	<2	0.56	11	2.99	1051	1	1.11	656	0.08	15	4.51	4	<10	<10	123	1.00	18	227	<10	55	54
794632	0.2	5.53	10	92	1.4	<2	2.23	<0.5	21	50	643	133	7.50	<2	0.45	11	2.32	817	3	1.63	293	0.09	4	1.23	<3	<10	<10	166	1.12	7	214	<10	41	38
794632 DUP-P	0.2	7.11	15	104	1.4	<2	2.53	<0.5	28	56	807	149	8.53	<2	0.48	13	2.57	939	8	1.78	481	0.10	10	1.33	<3	<10	<10	204	1.25	6	241	<10	46	35
794633	0.3	7.76	7	74	1.4	<2	2.85	<0.5	31	76	651	286	>10.00	<2	0.42	15	2.79	791	1	2.47	344	0.11	8	2.53	<3	<10	<10	209	1.38	11	275	<10	47	24
794634	0.4	7.66	6	86	1.6	<2	3.64	0.5	28	69	361	255	9.52	<2	0.43	13	1.82	755	1	3.37	252	0.10	8	2.72	<3	<10	14	264	1.23	9	235	<10	38	32
794635	0.3	7.71	<5	50	1.5	<2	3.90	0.5	59	48	49	179	9.74	<2	0.24	26	2.58	937	1	2.90	47	0.22	7	2.09	<3	<10	<10	180	2.06	9	286	<10	47	80
794636	0.3	6.95	7	172	1.7	<2	5.02	0.5	59	35	73	89	9.20	<2	1.10	26	2.45	1066	2	2.12	22	0.22	5	1.30	<3	<10	13	197	2.02	9	269	<10	46	84
794637	0.4	6.48	8	102	1.5	<2	4.73	<0.5	55	30	79	122	7.95	<2	0.62	23	2.40	883	1	2.01	36	0.19	4	1.16	<3	<10	<10	163	1.79	7	239	<10	39	112
794638	0.4	7.99	6	114	2.1	<2	3.65	<0.5	63	41	57	292	9.45	<2	0.59	28	2.16	718	2	3.20	19	0.22	7	2.26	<3	<10	<10	271	2.14	8	267	<10	43	66
794639	0.4	7.91	<5	94	2.1	<2	4.66	<0.5	69	31	48	169	7.54	<2	0.43	29	1.64	718	1	3.91	13	0.25	3	1.61	<3	<10	<10	239	1.98	6	227	<10	30	127
794640	0.5	7.67	5	71	1.8	<2	3.84	<0.5	70	40	44	219	8.18	<2	0.35	28	1.92	618	1	3.72	14	0.25	4	1.94	<3	<10	10	193	1.90	7	227	<10	33	188
794641	0.5	6.98	9	54	1.6	<2	4.81	<0.5	65	29	31	122	7.75	<2	0.31	25	2.09	919	1	3.00	7	0.23	5	1.10	<3	<10	<10	190	1.72	7	212	<10	35	206
794642	0.5	6.79	7	20	1.5	<2	3.00	<0.5	70	57	62	500	>10.00	<2	0.10	29	2.84	971	1	2.37	8	0.24	6	2.47	<3	<10	<10	124	1.57	11	187	<10	43	222
794642 DUP-C	0.6	6.45	11	23	1.5	<2	3.00	<0.5	69	57	75	509	>10.00	<2	0.10	29	2.57	901	1	2.39	9	0.23	8	2.95	<3	<10	<10	123	1.51	10	183	<10	41	214
794643	0.2	7.28	7	58	2.2	<2	3.98	<0.5	70	27	32	24	8.62	<2	0.28	30	2.61	1480	1	2.48	3	0.25	7	0.49	<3	<10	<10	175	1.49	8	158	<10	47	90
794644	0.2	9.32	18	94	2.4	<2	4.04	<0.5	68	30	59	57	8.87	<2	0.66	29	1.92	1734	3	2.68	17	0.24	7	0.44	<3	<10	<10	285	1.33	8	138	<10	76	96
794645	0.6	6.97	6	78	1.7	<2	2.12	<0.5	70	94	81	200	>10.00	<2	0.35	29	1.64	1563	2	2.65	28	0.25	16	3.95	<3	<10	13	163	1.29	15	140	<10	81	245
794646	0.4	7.67	6	75	2.3	<2	4.83	<0.5	75	33	30	19	8.85	<2	0.25	30	2.21	1849	1	2.67	10	0.26	2	0.27	<3	<10	<10	241	1.67	8	198	<10	73	222
794647	0.7	7.61	6	30	1.7	<2	2.37	<0.5	66	51	66	191	>10.00	<2	0.11	27	2.05	2127	1	2.71	14	0.23	7	2.28	<3	<10	10	152	1.91	12	246	<10	78	202
794648	0.6	7.31	6	33	1.9	<2	4.56	<0.5	63	42	33	96	9.83	<2	0.12	26	1.99	2556	1	2.73	11	0.21	7	1.09	<3	<10	12	229	2.01	10	302	<10	73	177
794649	0.6	8.42	8	70	1.6	<2	2.57	<0.5	54	68	90	188	>10.00	<2	0.39	24	2.38	942	1	2.86	75	0.18	10	2.96	<3	<10	<10	196	1.88	12	267	<10	40	140
794650	0.5	8.84	<5	57	1.4	<2	2.68	<0.5	56	59	69	85	>10.00	<2	0.35	24	2.95	1051	1	2.63	63	0.18	9	1.22	<3	<10	11	168	1.96	10	333	<10	39	180

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

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Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.6	7.41	8	450	2.3	20	0.46	<0.5	81	22	69	4256	6.47	<2	2.52	44	1.70	968	1	0.31	36	0.06	79	0.67	<3	<10	12	44	0.40	2	91	<10	348	124
794651	0.4	9.06	<5	125	1.9	<2	3.36	0.5	55	76	72	194	>10.00	<2	0.68	25	1.60	893	1	3.46	79	0.17	9	2.75	<3	<10	<10	260	1.86	11	307	<10	30	69
794652	0.3	8.67	5	47	1.4	<2	2.44	<0.5	50	53	166	97	>10.00	<2	0.27	23	2.65	1108	3	2.62	134	0.16	7	1.55	<3	<10	<10	140	1.81	10	321	<10	38	57
794652 DUP-P	0.3	9.15	6	51	1.3	<2	2.56	<0.5	51	57	87	100	>10.00	<2	0.29	24	2.79	1144	2	2.71	76	0.17	4	1.59	<3	<10	<10	148	1.89	12	338	<10	38	58
794653	0.4	9.62	8	169	2.2	<2	2.67	0.5	60	40	71	56	10.00	<2	0.80	27	2.11	1360	1	3.69	67	0.19	4	0.93	<3	<10	<10	246	2.18	9	328	<10	34	77
794654	0.5	9.35	8	200	1.8	<2	2.38	<0.5	56	42	127	35	>10.00	<2	0.88	24	3.07	1496	<1	2.32	101	0.18	7	0.41	<3	<10	<10	204	2.11	11	309	<10	44	154
794655	0.6	10.28	5	279	2.1	<2	2.48	<0.5	64	48	180	53	>10.00	<2	1.12	26	2.06	1508	1	3.23	123	0.19	8	0.54	<3	<10	<10	358	2.38	10	312	<10	39	213
794656	0.3	9.67	6	197	2.0	<2	2.26	<0.5	47	77	235	148	>10.00	<2	0.68	22	2.11	1379	1	3.12	233	0.14	9	1.14	<3	<10	<10	371	2.03	11	277	<10	38	35
794657	0.2	7.40	9	57	1.2	<2	3.85	<0.5	29	52	463	66	9.07	<2	0.31	13	2.68	1353	3	2.07	357	0.10	8	0.26	<3	<10	<10	130	1.22	9	253	<10	38	24
794658	0.3	7.87	18	49	1.8	<2	2.86	<0.5	26	95	398	187	9.26	<2	0.30	12	3.28	1057	3	2.51	350	0.09	7	0.62	<3	<10	<10	111	1.36	8	251	<10	34	24
794659	0.3	7.74	9	44	1.6	<2	2.26	<0.5	33	97	471	258	>10.00	<2	0.28	15	3.66	989	<1	2.18	341	0.10	9	1.97	<3	<10	<10	88	1.40	12	268	<10	38	89
794660	0.3	6.77	29	87	1.1	<2	5.14	<0.5	24	77	505	90	9.70	<2	0.67	12	4.42	1437	1	1.22	439	0.09	6	0.77	<3	<10	<10	112	1.20	11	257	<10	41	45
794661	0.3	6.40	36	87	1.2	<2	4.24	<0.5	23	77	604	59	9.77	<2	0.70	11	4.79	1349	<1	0.76	551	0.08	9	0.70	<3	<10	<10	81	1.12	11	236	<10	58	36
794662	0.4	6.77	8	65	1.2	<2	2.38	<0.5	29	65	533	205	>10.00	<2	0.55	14	5.08	1153	1	0.95	431	0.11	12	1.72	4	<10	13	54	1.31	12	235	<10	106	72
794662 DUP-C	0.5	6.69	5	62	1.2	<2	2.28	<0.5	30	66	524	190	>10.00	<2	0.53	13	5.01	1131	1	1.01	417	0.12	10	1.71	3	<10	<10	56	1.30	12	234	<10	107	81
794663	0.4	5.62	5	89	1.6	<2	2.39	<0.5	72	58	257	770	>10.00	4	0.61	37	2.41	576	<1	1.96	144	0.17	12	6.09	<3	<10	<10	105	1.19	19	138	<10	53	154
794664	0.4	8.07	7	68	1.5	<2	2.21	<0.5	89	55	392	767	>10.00	<2	0.30	37	2.04	483	1	2.28	151	0.08	14	6.63	<3	<10	16	128	1.29	18	98	<10	42	76
794665	1.5	5.85	<5	63	1.7	<2	3.91	<0.5	76	60	366	1473	>10.00	<2	0.35	38	1.53	495	1	2.91	203	0.07	15	7.29	<3	<10	13	160	1.39	18	85	<10	39	127
794666	0.4	6.37	7	62	1.9	<2	3.29	<0.5	84	50	352	582	>10.00	<2	0.33	42	1.95	544	<1	2.90	147	0.09	15	5.13	<3	<10	<10	162	1.45	16	116	<10	38	130
794667	0.6	6.56	<5	31	1.0	<2	4.28	<0.5	77	41	205	491	>10.00	<2	0.18	38	4.48	857	1	0.92	124	0.15	17	3.22	<3	<10	13	90	1.47	18	178	<10	62	124
794668	0.3	5.50	<5	37	0.9	<2	5.40	<0.5	62	51	183	470	>10.00	<2	0.25	31	3.71	741	1	0.88	125	0.14	17	3.69	4	<10	11	107	1.23	15	150	<10	70	98
794669	0.4	7.28	5	33	1.2	<2	4.49	<0.5	88	33	129	18	8.25	<2	0.23	42	5.28	782	1	1.44	63	0.27	8	0.24	<3	<10	<10	159	1.30	8	150	<10	38	124
794670	0.2	7.79	<5	100	2.1	<2	4.04	<0.5	113	20	70	99	7.53	<2	0.78	54	3.07	475	<1	3.30	24	0.23	5	1.17	<3	<10	<10	285	1.11	6	92	<10	25	96
794671	0.2	7.56	8	65	2.0	<2	3.59	<0.5	102	26	90	136	9.00	<2	0.61	50	3.82	422	1	2.87	50	0.29	9	1.68	<3	<10	<10	197	1.24	9	131	<10	27	129
794672	0.5	8.06	9	40	2.1	<2	3.84	<0.5	113	34	66	306	8.70	3	0.40	53	4.14	438	1	2.94	34	0.30	3	1.37	<3	<10	<10	186	1.20	9	113	<10	29	224
794672 DUP-P	0.5	8.16	8	41	2.0	<2	3.90	<0.5	114	35	63	313	8.96	<2	0.41	54	4.23	447	1	2.99	35	0.30	5	1.38	<3	<10	<10	187	1.23	9	114	<10	29	221
794673	0.4	7.80	5	39	1.3	<2	3.14	<0.5	94	26	134	61	9.36	<2	0.50	45	5.82	465	<1	1.23	60	0.25	7	0.34	<3	<10	<10	89	1.37	10	176	<10	32	180
794674	0.5	8.19	8	42	2.3	<2	3.50	<0.5	133	26	51	291	8.82	<2	0.56	63	4.14	471	1	2.94	21	0.32	8	1.56	<3	<10	<10	168	1.09	8	84	<10	27	254
794675	0.4	7.49	8	51	1.6	<2	2.22	<0.5	103	24	124	327	9.77	<2	0.85	49	5.55	704	1	1.36	66	0.24	6	1.39	<3	<10	12	79	1.24	10	148	<10	34	208
794676	0.4	6.73	8	<5	0.8	<2	1.73	<0.5	91	36	171	479	>10.00	<2	0.07	44	6.29	647	1	0.49	77	0.21	7	2.82	<3	<10	<10	32	1.26	15	133	<10	40	183
794677	0.4	5.65	7	12	1.5	<2	1.59	<0.5	66	66	359	1023	>10.00	<2	0.05	32	4.26	442	2	1.02	206	0.18	13	5.99	<3	<10	<10	51	1.12	19	108	<10	38	145
794678	0.6	7.41	9	47	3.2	<2	4.12	<0.5	96	69	127	815	>10.00	<2	0.61	46	3.04	490	1	2.90	97	0.30	10	3.64	<3	<10	10	203	1.30	14	130	<10	33	187
794679	0.3	6.40	9	51	1.8	<2	6.77	<0.5	69	50	153	369	9.78	<2	0.70	34	3.75	909	1	1.67	166	0.12	9	2.43	<3	<10	11	189	1.41	10	147	<10	40	77
794680	0.2	6.39	6	98	1.3	<2	6.92	<0.5	73	50	156	227	>10.00	<2	1.85	37	5.01	1163	1	0.84	150	0.14	9	1.56	<3	<10	<10	131	1.41	11	159	<10	54	70
794681	0.4	9.02	8	495	1.6	<2	4.06	<0.5	71	39	86	261	>10.00	<2	3.31	34	2.63	897	1	0.63	74	0.12	10	1.75	<3	<10	11	364	1.95	12	276	<10	44	152
794682	0.2	10.21	9	415	2.7	<2	6.42	0.7	82	28	58	227	7.18	<2	2.53	40	1.03	478	2	2.17	44	0.29	6	1.70	<3	<10	<10	569	1.81	8	312	<10	25	64
794682 DUP-C	0.2	10.43	11	401	2.5	<2	6.58	<0.5	79	26	55	180	7.21	<2	2.49	39	1.14	553	1	2.08	40	0.23	6	1.44	<3	<10	10	607	1.78	8	312	<10	22	88
794683	0.5	7.93	5	58	2.6	<2	6.67	<0.5	117	21	23	190	6.93	<2	0.64	52	1.30	426	2	4.15	14	0.26	<2	2.70	<3	<10	<10	191	0.72	6	23	<10	22	257
794684	0.3	11.41	9	52	3.1	<2	2.24	<0.5	143	24	117	324	7.01	<2	0.52	63	1.09	276	4	5.01	63	0.30	3	2.80	<3	<10	<10	248	0.85	5	23	<10	22	195

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

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Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.2	6.80	15	255	0.7	<2	0.07	<0.5	23	60	959	821	>10.00	<2	0.31	11	0.17	542	2	0.06	429	0.03	18	0.05	<3	<10	<10	17	0.55	2	309	<10	48	100
794685	0.4	9.11	<5	48	2.7	<2	2.37	<0.5	138	16	54	217	5.54	<2	0.41	60	1.17	280	2	5.25	3	0.30	2	1.51	<3	<10	<10	208	0.85	3	19	<10	20	214
794686	0.2	10.55	9	342	3.4	<2	4.44	<0.5	135	28	61	304	7.42	<2	2.29	66	1.20	339	4	3.26	20	0.26	3	2.31	<3	<10	<10	428	1.35	6	101	<10	22	150
794687	<0.2	9.85	7	210	3.4	<2	3.73	<0.5	146	20	33	171	5.91	3	1.50	67	1.53	311	2	3.80	15	0.32	2	1.32	<3	<10	<10	451	1.06	4	43	<10	20	104
794688	0.4	8.32	10	146	3.2	<2	3.32	<0.5	122	53	69	636	>10.00	<2	1.74	58	1.81	328	1	3.09	15	0.30	14	4.75	<3	<10	10	346	1.07	12	74	<10	35	200
794689	0.5	8.64	8	161	2.4	<2	4.00	<0.5	132	18	49	73	7.72	2	2.45	62	3.61	611	1	2.28	24	0.30	2	0.57	<3	<10	10	284	1.15	8	95	<10	45	257
794690	0.3	6.47	12	147	1.9	<2	3.08	<0.5	85	39	166	818	>10.00	<2	1.92	42	2.77	452	<1	1.69	113	0.19	16	5.53	<3	<10	<10	178	1.16	19	112	<10	47	138
794691	0.3	5.13	7	107	1.5	5	2.37	<0.5	63	49	237	1448	>10.00	<2	1.18	33	1.50	328	<1	1.64	160	0.14	22	8.90	<3	<10	11	142	1.06	22	85	<10	44	87
794692	0.5	5.22	9	44	1.7	<2	6.39	<0.5	66	45	220	958	>10.00	<2	0.46	33	2.46	1413	<1	1.25	114	0.15	14	4.72	<3	<10	<10	136	1.02	16	67	<10	45	105
794692 DUP-P	0.3	5.77	10	52	1.7	<2	7.22	<0.5	72	47	219	1074	>10.00	<2	0.51	37	2.67	1519	<1	1.38	119	0.16	14	5.71	<3	<10	11	152	1.13	17	73	<10	46	84
794693	0.2	5.60	7	51	1.3	<2	11.14	<0.5	69	29	234	243	8.73	<2	0.56	37	2.20	1491	1	0.33	111	0.20	6	1.84	<3	<10	<10	248	1.11	7	84	<10	36	55
794694	0.3	6.02	7	92	2.0	<2	10.78	0.6	79	29	161	31	6.75	3	1.36	42	3.31	1356	1	1.08	127	0.16	3	0.21	<3	<10	<10	215	1.17	7	100	<10	48	90
794695	<0.2	5.86	7	111	1.7	<2	9.87	<0.5	77	32	165	17	7.72	<2	2.02	40	3.99	1327	1	0.68	146	0.17	5	0.15	<3	<10	10	184	1.14	9	96	<10	62	98
794696	0.5	5.68	7	65	1.6	4	3.79	<0.5	68	50	240	1368	>10.00	<2	1.05	35	1.58	446	1	2.19	165	0.15	16	6.94	<3	<10	10	158	1.21	17	89	<10	44	96
794697	0.4	5.79	6	179	1.2	<2	2.37	<0.5	71	31	264	576	>10.00	<2	4.48	38	3.82	547	<1	0.64	110	0.11	11	3.90	<3	<10	12	55	1.30	19	147	<10	67	114
794698	0.3	6.51	10	160	1.2	<2	2.38	<0.5	73	26	203	809	>10.00	<2	2.97	36	3.79	552	1	0.99	94	0.18	10	3.57	<3	<10	12	72	1.34	18	136	<10	64	113
794699	0.4	6.44	7	126	2.0	<2	4.10	0.5	80	33	173	731	>10.00	2	1.27	40	1.89	510	1	2.16	92	0.17	9	4.60	<3	<10	<10	145	1.30	14	114	<10	44	150
794700	0.3	6.16	10	95	2.0	<2	10.54	<0.5	77	29	179	246	8.54	<2	0.90	39	2.78	1430	1	1.22	76	0.16	5	1.84	4	<10	11	225	1.18	10	114	<10	44	122
794701	0.3	5.48	9	144	1.6	<2	7.31	<0.5	66	37	247	300	>10.00	<2	1.61	33	2.78	1117	<1	1.25	134	0.15	8	2.87	<3	<10	<10	156	1.13	12	100	<10	53	103
794702	0.6	4.91	11	159	1.5	2	2.57	<0.5	64	74	307	1652	>10.00	<2	1.58	33	2.09	562	1	1.25	179	0.15	21	8.37	<3	<10	13	92	1.08	25	108	<10	61	111
794702 DUP-C	0.5	4.83	9	146	1.5	<2	2.50	<0.5	62	74	282	1527	>10.00	<2	1.55	32	2.04	546	1	1.25	179	0.15	19	8.03	3	<10	13	89	1.07	23	107	<10	59	108
794703	0.5	4.53	6	132	1.5	<2	1.91	<0.5	62	64	276	1393	>10.00	<2	1.34	32	1.69	271	1	1.31	155	0.15	16	8.02	<3	<10	<10	102	1.00	23	103	<10	43	124
794704	0.2	7.16	11	138	2.1	<2	3.67	<0.5	106	26	137	585	>10.00	<2	1.36	52	1.70	245	4	2.45	61	0.28	6	3.72	<3	<10	10	202	1.03	11	85	<10	25	73
794705	0.3	7.56	8	133	1.7	<2	3.60	<0.5	84	25	97	613	>10.00	<2	1.25	40	1.58	250	1	3.08	38	0.29	3	3.76	<3	<10	10	198	1.37	9	111	<10	24	151
794706	0.3	8.91	6	435	1.9	<2	1.25	<0.5	81	34	246	161	8.90	3	1.82	38	1.52	1298	1	2.29	88	0.12	2	1.20	<3	<10	11	148	1.20	8	166	<10	32	139
794707	0.6	10.15	9	475	2.2	<2	1.47	<0.5	77	42	302	24	9.32	<2	1.83	32	1.37	2213	2	2.61	118	0.23	6	0.22	<3	<10	<10	204	1.65	8	209	<10	45	237
794708	0.3	9.84	5	289	3.6	<2	3.13	<0.5	105	20	47	96	7.19	<2	1.37	47	1.03	1295	1	3.63	15	0.63	6	1.03	<3	<10	<10	415	1.39	6	106	<10	45	158
794709	0.5	8.13	6	86	1.4	<2	2.42	<0.5	51	63	76	305	>10.00	<2	0.51	23	1.92	1089	1	2.68	67	0.17	8	2.64	<3	<10	<10	196	1.77	12	323	<10	54	131
794710	0.4	7.96	7	44	1.2	<2	2.22	<0.5	48	48	74	91	>10.00	<2	0.26	20	2.39	1128	2	2.26	56	0.16	5	1.58	<3	<10	<10	149	1.74	12	293	<10	47	114
794711	0.2	8.87	9	126	2.2	<2	2.17	<0.5	48	36	66	64	>10.00	<2	0.75	22	1.70	1166	1	3.05	50	0.12	6	1.04	<3	<10	<10	274	1.88	10	276	<10	38	46
794712	0.3	8.02	10	40	1.1	<2	2.05	<0.5	41	65	99	110	>10.00	<2	0.27	18	2.48	1301	1	1.84	101	0.15	8	1.65	<3	<10	<10	142	1.60	12	297	<10	44	49
794712 DUP-P	0.3	7.89	6	43	1.0	<2	2.15	<0.5	42	67	78	114	>10.00	<2	0.26	19	2.62	1374	1	1.87	83	0.15	8	1.69	<3	<10	10	148	1.70	13	313	<10	47	68
794713	0.2	5.11	13	23	0.9	<2	4.69	<0.5	19	67	605	80	8.55	<2	0.12	9	4.83	1544	1	0.51	490	0.06	8	0.78	<3	<10	<10	104	0.85	11	169	<10	82	35
794714	0.4	7.52	7	149	2.4	<2	2.71	<0.5	91	31	72	143	6.95	<2	0.41	41	1.55	584	2	3.75	56	0.35	7	1.99	<3	<10	<10	354	1.25	8	92	<10	68	194
794715	0.2	6.98	7	216	1.9	<2	3.14	<0.5	80	34	38	186	8.40	<2	0.73	38	1.58	695	1	3.19	25	0.31	9	2.76	<3	<10	12	346	1.17	10	89	<10	35	67
794716	0.3	6.99	8	178	1.6	<2	3.82	<0.5	70	24	29	56	7.35	<2	0.80	32	2.36	1073	1	2.66	11	0.24	5	0.80	<3	<10	<10	297	1.29	8	116	<10	47	112
794717	0.2	8.00	10	267	1.7	<2	3.28	<0.5	79	28	61	170	8.05	<2	1.22	35	1.93	809	2	3.04	33	0.28	6	2.03	<3	<10	<10	326	1.21	10	94	<10	33	56
794718	0.3	7.62	8	255	2.4	9	2.73	<0.5	82	40	39	361	8.17	<2	0.76	38	1.24	413	1	3.67	7	0.30	8	3.00	<3	<10	<10	404	1.33	8	108	<10	21	86
794719	0.5	7.24	10	307	2.7	<2	2.54	<0.5	82	66	48	598	>10.00	<2	0.76	37	0.90	317	1	3.48	11	0.28	8	5.40	<3	<10	<10	386	1.30	12	111	<10	21	162

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
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DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
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EASTERN Analytical

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	<0.2	7.75	13	181	0.8	<2	0.18	<0.5	37	31	559	355	>10.00	<2	0.42	16	0.25	482	2	0.10	224	0.04	21	0.05	<3	<10	<10	32	0.78	2	224	<10	45	143
794720	0.4	7.10	5	361	2.3	<2	2.37	<0.5	82	71	46	638	>10.00	<2	1.06	38	0.87	290	1	3.43	10	0.28	8	5.56	<3	<10	<10	362	1.24	13	106	<10	22	153
794721	0.5	6.87	8	329	2.3	<2	2.52	<0.5	78	71	46	611	>10.00	<2	1.07	36	0.78	243	1	3.25	11	0.28	9	5.63	<3	<10	<10	416	1.20	13	105	<10	22	150
794722	0.4	6.73	10	269	2.2	<2	2.43	<0.5	75	85	53	851	>10.00	<2	1.12	35	0.92	236	1	3.26	11	0.28	11	6.74	<3	<10	10	378	1.18	16	99	<10	25	136
794722 DUP-C	0.4	6.56	7	255	2.1	<2	2.36	<0.5	74	77	52	840	>10.00	<2	1.09	34	0.88	225	1	3.18	9	0.27	9	6.30	<3	<10	<10	365	1.15	14	96	<10	24	141
794723	0.3	7.29	9	312	2.3	<2	2.82	<0.5	86	54	44	672	9.59	<2	1.30	40	1.08	315	1	3.29	7	0.32	6	4.36	<3	<10	<10	435	1.27	10	96	<10	21	181
794724	0.3	7.77	8	290	2.6	<2	2.77	<0.5	81	53	56	434	9.16	<2	1.31	39	1.01	304	3	3.82	8	0.30	6	4.29	<3	<10	<10	407	1.27	11	108	<10	20	62
794725	0.4	7.36	5	178	2.4	<2	2.45	<0.5	101	52	61	552	9.11	<2	0.79	49	1.06	299	1	3.85	10	0.31	5	3.75	<3	<10	<10	240	1.15	9	71	<10	21	141
794726	0.2	8.20	8	167	2.8	<2	2.10	<0.5	143	33	73	320	6.31	<2	0.66	69	0.76	227	2	4.30	8	0.31	3	2.58	<3	<10	<10	254	0.77	6	40	<10	14	199
794727	0.5	7.33	8	218	2.4	<2	2.62	<0.5	85	60	50	637	9.88	<2	1.04	39	1.08	302	1	3.52	13	0.29	6	4.75	<3	<10	11	309	1.30	12	96	<10	23	173
794728	0.5	7.34	10	197	2.0	<2	2.75	<0.5	85	68	61	787	>10.00	<2	0.97	40	1.13	270	1	3.40	13	0.34	7	4.71	<3	<10	11	299	1.28	12	89	<10	24	161
794729	0.4	6.82	5	128	2.2	<2	2.48	<0.5	77	99	64	927	>10.00	<2	0.71	36	0.87	221	1	3.58	17	0.32	10	6.31	<3	<10	<10	333	1.21	14	85	<10	24	143
794730	0.4	7.39	10	92	2.3	<2	2.36	<0.5	82	83	70	700	>10.00	<2	0.56	39	1.11	266	1	3.93	16	0.31	10	5.05	<3	<10	<10	293	1.30	12	104	<10	22	176
794731	0.4	6.82	13	104	2.5	<2	2.20	<0.5	75	114	71	964	>10.00	<2	0.63	36	0.85	229	1	3.63	24	0.28	10	7.15	<3	<10	14	298	1.23	18	93	<10	25	145
794732	0.7	7.53	7	102	2.8	4	2.07	<0.5	74	109	217	639	>10.00	<2	0.65	35	0.74	360	4	3.37	30	0.25	10	6.38	<3	<10	10	246	1.20	14	82	<10	31	96
794732 DUP-P	0.5	7.63	8	118	2.8	5	2.30	<0.5	82	118	75	725	>10.00	<2	0.71	38	0.81	384	1	3.67	27	0.28	12	6.39	<3	<10	<10	269	1.33	15	90	<10	28	137
794733	0.4	11.12	9	835	2.9	<2	1.12	<0.5	58	46	168	116	>10.00	<2	3.94	28	1.14	2030	2	1.72	90	0.17	7	1.46	<3	<10	<10	232	2.20	9	334	<10	37	99
794734	0.3	6.34	39	73	0.6	<2	0.71	<0.5	19	83	851	172	>10.00	<2	0.44	9	3.77	1260	1	0.72	584	0.06	9	1.79	<3	<10	<10	39	1.08	13	214	<10	58	54
794735	0.5	8.04	25	70	1.4	<2	1.25	<0.5	31	75	481	181	10.00	<2	0.36	14	2.84	1010	1	2.57	403	0.08	11	1.70	<3	<10	15	142	1.45	11	245	<10	45	105
794736	0.3	7.35	24	42	1.2	<2	1.37	0.5	25	75	751	129	>10.00	<2	0.25	11	3.00	1192	1	1.82	580	0.09	6	1.80	<3	<10	12	104	1.26	12	236	<10	55	80
794737	0.3	5.74	28	23	0.8	<2	2.87	<0.5	21	86	986	81	9.50	<2	0.08	10	2.85	1419	2	1.04	722	0.06	9	1.17	4	<10	12	82	1.02	11	179	<10	59	20
794738	0.3	6.82	36	21	1.2	<2	2.59	<0.5	43	57	330	54	8.89	<2	0.09	19	2.98	1327	1	1.84	251	0.08	9	0.64	<3	<10	<10	113	1.09	8	192	<10	57	51
794739	0.6	5.27	<5	30	1.7	<2	1.18	<0.5	82	52	187	331	9.94	<2	0.11	34	1.66	905	1	1.82	135	0.05	10	2.65	3	<10	<10	114	0.59	11	93	<10	39	242
794740	0.8	7.48	<5	29	2.3	<2	0.76	<0.5	105	39	124	123	8.92	<2	0.10	40	2.23	867	1	3.07	70	0.07	8	1.98	<3	<10	12	146	0.88	9	125	<10	33	458
794741	0.7	7.19	16	38	2.3	<2	0.57	<0.5	113	28	113	95	6.62	<2	0.14	42	1.66	667	1	3.41	51	0.07	2	1.46	<3	<10	<10	158	0.75	4	98	<10	20	435
794742	0.6	6.80	7	121	2.6	<2	1.03	<0.5	98	30	205	116	7.48	<2	0.40	39	1.59	699	<1	2.75	86	0.07	5	1.63	<3	<10	<10	209	0.88	6	131	<10	26	376
794742 DUP-C	0.6	6.81	8	121	2.6	<2	1.04	<0.5	97	28	213	108	7.19	<2	0.41	39	1.59	694	1	2.76	79	0.07	5	1.48	<3	<10	<10	208	0.90	6	133	<10	25	392
794743	0.4	8.02	6	170	3.6	<2	1.58	<0.5	74	27	102	93	7.75	<2	0.59	33	1.60	722	1	3.35	75	0.11	4	1.64	<3	<10	<10	262	1.33	7	225	<10	25	120
794744	0.2	8.73	10	117	3.2	<2	1.11	<0.5	92	39	348	137	9.54	<2	0.41	42	1.41	761	2	2.68	153	0.06	11	2.17	<3	<10	12	225	0.75	9	140	<10	31	43
794745	0.2	8.63	6	108	3.9	<2	0.99	<0.5	127	36	168	165	9.05	<2	0.36	56	1.39	798	2	3.61	116	0.06	6	2.13	<3	<10	<10	266	0.74	8	116	<10	32	57
794746	0.6	7.35	7	81	3.2	<2	1.10	<0.5	108	37	165	101	9.45	<2	0.21	45	1.86	1147	1	2.85	133	0.08	5	1.75	<3	<10	<10	188	0.94	8	138	<10	46	336
794747	0.4	7.22	7	50	2.8	<2	1.61	<0.5	103	31	157	74	8.52	<2	0.09	44	2.24	1317	1	2.58	140	0.06	4	1.03	<3	<10	<10	181	0.73	7	111	<10	51	175
794748	0.3	5.98	18	13	0.8	<2	3.31	<0.5	34	68	417	115	>10.00	<2	0.05	15	4.08	1772	1	0.33	363	0.13	9	1.55	<3	<10	14	70	1.29	14	232	<10	78	76
794749	0.3	7.59	7	233	1.5	<2	6.30	<0.5	64	36	66	128	8.32	<2	1.30	31	2.76	1218	1	1.97	34	0.21	5	1.01	<3	<10	10	488	1.55	9	161	<10	59	77
794750	0.5	5.31	5	190	0.9	<2	2.30	<0.5	45	69	209	1058	>10.00	<2	1.27	22	2.33	526	2	1.25	117	0.22	14	7.08	<3	<10	10	150	1.19	22	162	<10	48	76
794751	0.8	5.99	6	222	1.0	<2	2.16	<0.5	54	63	192	1160	>10.00	<2	1.73	27	2.41	442	1	1.46	84	0.24	18	6.80	<3	<10	<10	153	1.32	20	189	<10	46	84
794752	0.4	5.88	6	210	1.3	2	2.43	<0.5	55	66	236	1341	>10.00	<2	1.37	27	1.33	284	1	2.16	111	0.22	16	7.45	<3	<10	11	205	1.28	21	191	<10	37	93
794752 DUP-P	0.5	6.32	9	211	1.3	<2	2.60	<0.5	58	71	233	1407	>10.00	<2	1.43	29	1.44	300	1	2.26	93	0.24	16	7.40	<3	<10	16	219	1.38	20	204	<10	40	99
794753	0.5	6.72	8	227	1.8	<2	2.47	0.5	76	52	229	663	>10.00	<2	1.25	38	1.51	326	1	2.24	69	0.22	10	4.95	<3	<10	<10	250	1.18	14	139	<10	32	124

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	<0.2	6.87	15	247	0.7	<2	0.06	<0.5	23	61	916	771	>10.00	<2	0.31	10	0.16	524	2	0.06	428	0.03	17	0.05	<3	<10	<10	15	0.57	2	327	<10	48	107
794754	0.4	6.77	9	177	1.6	<2	2.81	<0.5	61	55	262	680	>10.00	<2	1.19	30	1.65	351	2	2.23	67	0.29	9	4.62	<3	<10	19	207	1.49	13	178	<10	33	112
794755	0.4	6.19	6	192	1.5	<2	2.65	<0.5	56	79	235	1057	>10.00	2	1.33	28	1.34	309	<1	2.06	99	0.24	12	7.01	<3	<10	10	172	1.37	20	179	<10	34	101
794756	0.5	5.39	7	200	1.2	<2	2.29	0.5	46	88	207	1486	>10.00	<2	1.49	23	1.34	303	1	1.63	107	0.17	15	8.05	<3	<10	11	132	1.23	22	163	<10	36	81
794757	0.5	5.98	10	213	1.3	<2	2.60	0.5	52	66	308	946	>10.00	<2	1.58	26	1.63	377	3	1.70	171	0.15	14	6.94	<3	<10	<10	132	1.34	19	181	<10	32	89
794758	0.4	6.80	7	264	1.5	<2	2.96	<0.5	59	49	215	693	>10.00	<2	1.53	29	1.66	364	1	1.97	73	0.19	9	4.45	<3	<10	12	146	1.46	14	185	<10	31	118
794759	0.6	5.69	6	166	1.2	<2	2.73	<0.5	59	52	196	691	>10.00	<2	0.91	29	1.56	446	1	1.82	83	0.16	13	5.39	<3	<10	11	97	1.17	16	159	<10	32	100
794760	0.9	6.13	7	240	1.6	<2	2.79	<0.5	83	54	185	896	>10.00	<2	1.44	42	1.62	369	<1	1.84	92	0.20	12	6.30	<3	<10	15	135	1.35	18	129	<10	33	142
794761	0.6	7.42	12	252	1.7	<2	2.50	<0.5	76	26	112	413	9.04	<2	1.08	37	2.04	458	2	2.73	34	0.25	6	3.04	<3	<10	18	144	1.45	9	119	<10	23	150
794762	0.6	7.72	7	229	1.7	<2	2.92	0.5	84	26	64	396	9.28	<2	1.19	39	1.98	588	1	3.12	13	0.29	7	3.95	<3	<10	115	162	1.48	10	106	<10	29	174
794762 DUP-C	0.6	7.75	8	226	1.8	<2	2.90	<0.5	81	23	61	343	9.13	<2	1.16	38	1.98	604	1	3.16	15	0.29	6	3.50	<3	<10	<10	161	1.47	8	105	<10	30	167
794763	0.5	6.46	13	329	2.0	<2	2.18	<0.5	101	16	134	216	6.70	<2	1.27	50	1.89	531	24	2.16	12	0.23	7	1.90	<3	<10	<10	134	0.78	5	56	<10	22	186
794764	0.5	8.47	7	266	1.9	<2	2.20	<0.5	87	30	171	387	>10.00	<2	0.96	42	1.47	458	3	3.62	94	0.26	7	3.74	<3	<10	13	146	1.40	10	92	<10	27	83
794765	0.2	7.63	5	304	1.5	<2	2.49	<0.5	46	50	229	84	8.58	<2	1.00	23	2.01	959	2	1.90	108	0.10	6	0.52	<3	<10	<10	201	1.32	6	196	<10	47	23
794766	0.4	7.04	11	180	2.9	<2	0.64	<0.5	142	9	143	36	4.46	<2	0.48	58	0.73	476	2	3.58	31	0.04	3	0.32	<3	<10	<10	158	0.39	2	25	<10	30	307
794767	0.7	10.09	12	124	3.9	<2	0.72	<0.5	201	12	74	96	6.55	<2	0.37	86	1.06	715	4	5.16	27	0.05	4	0.57	<3	<10	<10	188	0.47	3	15	<10	43	372
794768	0.8	8.86	<5	121	4.4	<2	1.21	<0.5	168	11	83	77	6.96	<2	0.54	71	1.04	979	3	4.62	25	0.05	4	0.99	<3	<10	10	171	0.48	4	25	<10	72	411
794769	0.7	9.26	7	398	4.3	<2	1.45	<0.5	145	17	86	30	9.25	2	1.28	59	1.14	1418	2	3.47	47	0.11	9	0.32	<3	<10	13	239	1.22	6	123	<10	96	514
794770	0.5	9.10	6	70	1.8	<2	2.84	<0.5	73	70	45	86	>10.00	<2	0.51	32	1.85	1725	1	2.27	44	0.22	10	1.46	<3	<10	<10	219	2.51	12	335	<10	67	204
794771	0.3	8.72	9	116	2.4	<2	2.38	<0.5	74	36	142	136	9.31	<2	0.52	34	2.54	822	1	3.15	134	0.18	2	0.92	<3	<10	<10	208	1.54	8	151	<10	48	74
794772	0.6	6.37	7	236	1.7	<2	3.67	<0.5	71	41	229	672	>10.00	<2	1.78	36	2.93	597	<1	1.40	113	0.15	19	3.68	<3	<10	13	149	1.42	16	108	<10	44	108
794772 DUP-P	0.6	6.67	12	249	1.7	<2	3.88	<0.5	75	44	241	700	>10.00	<2	1.87	38	3.09	631	<1	1.46	119	0.16	17	3.90	<3	<10	12	157	1.48	16	114	<10	47	110
794773	0.7	6.40	11	141	1.7	<2	2.99	<0.5	68	49	249	1096	>10.00	<2	1.08	34	1.78	351	2	2.37	192	0.15	24	6.58	<3	<10	12	197	1.59	19	139	<10	41	116
794774	1.0	6.27	5	151	1.8	<2	2.95	<0.5	73	41	289	907	>10.00	<2	1.46	38	2.64	423	<1	1.76	148	0.13	18	5.37	<3	<10	12	152	1.45	18	98	<10	39	117
794775	0.4	6.66	9	195	1.5	<2	4.01	<0.5	68	27	202	332	>10.00	<2	2.40	33	5.68	851	<1	0.53	106	0.13	12	1.85	<3	<10	15	43	1.58	14	192	<10	47	105
794776	0.5	6.54	<5	137	1.8	<2	3.45	0.5	79	37	256	572	>10.00	<2	1.52	41	4.53	705	1	0.82	102	0.14	15	3.13	<3	<10	19	71	1.44	15	114	<10	44	108
794777	0.4	5.73	5	53	1.9	<2	3.42	0.5	56	38	213	647	>10.00	2	0.55	27	5.55	803	<1	0.40	94	0.13	17	3.70	<3	<10	12	46	1.36	16	166	<10	47	103
794778	0.7	5.64	<5	163	0.9	2	2.62	<0.5	45	79	186	1496	>10.00	<2	1.38	22	1.73	317	1	1.50	141	0.23	19	7.05	<3	<10	14	145	1.25	22	156	<10	45	73
794779	0.6	6.50	<5	170	1.2	<2	2.93	<0.5	50	56	183	887	>10.00	<2	1.42	25	1.80	341	<1	1.86	102	0.19	17	4.94	<3	<10	<10	163	1.43	16	165	<10	40	71
794780	0.4	7.03	7	156	1.1	<2	3.50	<0.5	55	46	239	574	>10.00	<2	1.57	27	1.80	394	1	2.06	93	0.30	13	4.50	<3	<10	<10	153	1.53	15	175	<10	42	74
794781	0.3	7.55	<5	174	1.1	<2	3.37	<0.5	59	33	207	669	>10.00	<2	1.78	28	2.02	441	1	2.09	78	0.19	14	3.85	<3	<10	11	164	1.64	11	196	<10	43	66
794782	0.4	7.01	5	204	1.1	<2	3.28	<0.5	53	47	213	1144	>10.00	<2	1.64	26	1.42	327	<1	2.23	136	0.18	20	6.19	<3	<10	18	165	1.54	17	185	<10	40	73
794782 DUP-C	0.4	7.16	7	208	1.1	<2	3.39	0.5	55	50	213	1345	>10.00	<2	1.68	27	1.44	334	1	2.29	139	0.19	13	6.19	<3	<10	14	169	1.56	16	190	<10	43	71
794783	0.5	7.50	9	251	1.2	<2	3.46	0.7	59	48	234	1192	>10.00	<2	1.90	29	1.46	333	1	2.49	137	0.18	17	6.28	<3	<10	14	168	1.59	18	151	<10	42	70
794784	0.4	7.91	5	206	1.3	<2	3.73	<0.5	59	29	525	544	>10.00	<2	1.52	29	1.51	358	5	2.51	279	0.22	7	3.26	<3	<10	11	155	1.58	10	179	<10	32	41
794785	0.3	7.66	<5	189	1.3	<2	3.37	0.6	58	44	265	1012	>10.00	2	1.54	29	1.54	313	1	2.60	99	0.18	14	5.73	<3	<10	17	167	1.62	16	157	<10	38	90
794786	0.6	5.95	7	110	1.0	<2	2.96	<0.5	45	63	225	1619	>10.00	<2	1.10	22	1.23	258	<1	1.73	134	0.19	23	7.75	<3	<10	14	156	1.29	20	151	<10	42	67
794787	0.5	6.74	9	108	1.7	6	2.99	<0.5	77	54	199	1454	>10.00	3	1.25	40	1.74	329	1	1.91	108	0.20	17	6.67	<3	<10	20	143	1.47	19	149	<10	42	130
794788	0.6	6.06	<5	117	1.7	<2	2.61	<0.5	83	54	208	1113	>10.00	<2	1.36	43	1.86	356	1	1.56	112	0.18	18	6.04	<3	<10	11	104	1.33	17	131	<10	40	169

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical

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403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	<0.2	8.02	15	189	0.7	<2	0.18	<0.5	38	30	533	369	>10.00	<2	0.42	18	0.24	482	2	0.09	238	0.03	21	0.05	<3	<10	<10	33	0.77	2	229	<10	43	152
794789	0.7	6.07	9	126	1.6	<2	2.35	0.5	83	71	195	1264	>10.00	2	1.69	43	2.30	391	1	1.32	154	0.18	20	7.42	<3	<10	<10	100	1.31	23	158	<10	50	155
794790	0.5	5.77	8	143	1.6	<2	2.24	0.5	70	68	267	1273	>10.00	<2	1.70	37	1.90	289	1	1.42	159	0.13	17	7.32	<3	<10	14	115	1.27	22	108	<10	45	117
794791	0.5	6.93	8	179	1.7	<2	2.90	<0.5	74	50	228	1087	>10.00	<2	1.70	39	2.22	376	1	1.97	122	0.18	17	5.85	<3	<10	10	140	1.49	19	150	<10	41	125
794792	0.4	5.48	5	145	1.4	4	3.10	<0.5	71	38	355	715	>10.00	<2	1.45	37	3.29	715	1	0.82	140	0.18	14	4.83	<3	<10	20	65	1.20	17	126	<10	47	146
794792 DUP-P	0.6	5.70	7	151	1.3	3	3.23	<0.5	73	39	296	757	>10.00	<2	1.48	38	3.41	754	2	0.83	107	0.18	13	4.57	<3	<10	17	67	1.25	20	132	<10	50	141
794793	0.4	5.89	<5	133	1.2	<2	3.86	<0.5	73	35	272	222	>10.00	<2	1.48	37	4.73	989	<1	0.30	129	0.16	9	1.66	<3	<10	<10	48	1.29	15	201	<10	72	150
794794	0.3	5.55	<5	189	1.6	<2	2.12	<0.5	74	51	271	859	>10.00	<2	1.28	38	2.19	444	3	1.52	117	0.14	12	5.85	<3	<10	13	115	1.20	17	120	<10	40	132
794795	0.4	6.95	<5	268	2.3	<2	2.16	<0.5	97	31	123	544	9.95	<2	1.00	47	1.56	330	1	2.74	44	0.22	5	3.53	<3	<10	16	173	1.07	9	102	<10	23	210
794796	0.6	7.82	6	238	2.5	<2	2.67	<0.5	107	29	120	394	>10.00	<2	1.03	50	1.65	548	2	3.18	64	0.37	5	2.98	<3	<10	17	252	1.39	9	104	<10	42	219
794797	0.2	7.59	<5	112	1.8	<2	1.97	<0.5	96	23	176	420	8.84	<2	0.49	45	2.06	512	4	2.73	110	0.21	3	2.43	<3	<10	<10	155	0.92	10	62	<10	27	76
794798	<0.2	7.03	5	175	2.2	<2	1.93	<0.5	116	9	82	119	6.10	<2	0.74	59	1.94	491	1	2.63	9	0.27	<2	0.91	<3	<10	<10	174	0.78	5	40	<10	20	59
794799	<0.2	8.85	5	328	3.3	<2	2.95	<0.5	149	14	61	229	7.94	<2	1.54	77	1.58	394	<1	3.23	14	0.30	5	1.99	<3	<10	12	362	0.93	7	47	<10	23	61
794800	0.4	9.00	<5	317	2.7	<2	2.68	<0.5	114	21	70	122	8.54	<2	1.35	54	1.53	672	1	3.10	27	0.25	3	1.45	<3	<10	13	363	1.42	8	103	<10	41	135
794801	0.4	8.39	7	173	2.0	<2	2.97	<0.5	79	47	315	40	>10.00	<2	0.67	35	2.80	1195	1	2.01	277	0.23	6	0.45	<3	<10	<10	264	1.78	10	167	<10	78	226
794802	0.3	8.26	6	285	3.0	<2	2.13	<0.5	82	26	55	19	8.12	<2	1.48	37	1.36	1086	1	2.73	14	0.20	6	0.86	<3	<10	<10	163	1.42	9	162	<10	40	107
794802 DUP-C	0.2	8.73	6	299	3.1	<2	2.28	<0.5	84	27	71	22	8.70	<2	1.54	38	1.43	1178	1	2.88	17	0.22	5	0.87	<3	<10	<10	174	1.49	9	168	<10	41	98
794803	0.4	8.23	10	203	2.4	<2	2.31	<0.5	76	27	50	7	8.73	<2	0.82	32	1.33	1556	1	2.64	11	0.22	3	0.34	<3	<10	11	139	1.77	8	210	<10	47	142
794804	0.2	7.72	6	208	2.8	<2	2.38	<0.5	73	52	102	52	>10.00	<2	0.81	31	1.21	1402	1	2.75	60	0.25	4	1.61	<3	<10	19	144	1.80	10	151	<10	44	58
794805	0.2	8.89	<5	272	2.5	<2	2.43	<0.5	77	36	29	53	>10.00	<2	1.03	33	1.58	1368	1	2.85	7	0.24	4	1.32	<3	<10	15	167	1.87	9	144	<10	47	58
794806	0.2	7.83	<5	151	1.8	<2	2.86	<0.5	74	45	47	74	8.74	<2	0.58	32	1.81	1083	1	3.00	19	0.26	2	1.33	<3	<10	11	141	1.87	7	193	<10	39	162
794807	0.3	7.85	7	181	1.6	<2	2.77	<0.5	46	59	108	163	9.80	<2	0.73	20	2.77	1031	1	2.50	80	0.13	5	1.91	<3	<10	<10	132	1.53	10	277	<10	47	139
794808	0.3	7.80	<5	146	1.7	<2	2.53	<0.5	50	51	106	166	8.84	<2	0.58	22	2.45	758	3	2.87	72	0.12	36	1.97	<3	<10	<10	166	1.40	9	280	<10	37	144
794809	0.4	7.98	6	157	2.0	<2	2.64	<0.5	72	36	67	52	8.60	<2	0.49	30	2.48	1023	2	2.69	34	0.23	5	0.97	<3	<10	<10	178	1.89	9	251	<10	34	223
794810	0.6	9.44	9	346	3.1	<2	2.87	<0.5	67	40	46	60	9.88	<2	0.74	28	2.09	1216	1	2.67	48	0.14	1291	1.20	<3	<10	12	388	2.37	10	386	<10	41	182
794811	0.2	7.89	<5	125	1.6	<2	3.24	<0.5	37	47	119	105	9.61	<2	0.43	17	2.82	964	1	2.56	81	0.13	5	1.66	<3	<10	<10	185	1.56	10	297	<10	40	42
794812	0.3	7.52	<5	196	1.2	<2	3.59	<0.5	32	41	40	68	9.43	<2	0.69	15	2.71	1038	4	2.44	148	0.11	6	1.14	<3	<10	<10	132	1.47	11	308	<10	41	45
794812 DUP-P	0.3	8.01	5	176	1.2	<2	3.78	<0.5	34	43	39	69	9.92	<2	0.72	15	2.89	1087	<1	2.56	51	0.12	3	1.20	<3	<10	17	138	1.57	10	328	<10	42	29
794813	0.2	9.07	7	99	2.1	<2	2.98	<0.5	45	30	28	45	8.27	<2	0.25	20	1.70	1072	<1	3.95	17	0.14	4	0.68	<3	<10	10	426	1.69	7	299	<10	33	61
794814	<0.2	8.92	7	83	1.8	<2	2.32	<0.5	39	33	37	103	8.10	<2	0.16	18	2.00	983	<1	4.07	25	0.13	4	0.71	<3	<10	<10	306	1.71	8	261	<10	43	67
794815	0.3	7.14	5	100	1.4	<2	5.76	0.5	37	43	105	66	8.02	<2	0.69	17	3.88	1415	1	1.88	96	0.12	4	0.25	<3	<10	<10	165	1.45	8	284	<10	66	79
794816	0.3	7.16	<5	38	1.4	<2	3.09	<0.5	44	53	155	119	9.30	<2	0.24	19	4.15	1044	1	1.93	114	0.16	5	1.07	<3	<10	<10	99	1.57	10	255	<10	53	89
794817	0.2	7.06	5	46	1.8	<2	3.16	<0.5	62	42	198	186	9.74	<2	0.18	27	2.51	679	4	2.97	112	0.22	4	2.64	<3	<10	12	139	1.76	11	179	<10	35	74
794818	0.5	7.25	7	32	1.5	<2	3.30	<0.5	62	48	44	193	>10.00	<2	0.13	27	3.61	988	1	2.08	11	0.22	8	2.34	<3	<10	17	93	2.12	12	299	<10	43	146
794819	0.6	7.04	5	31	1.4	<2	3.21	<0.5	60	47	40	190	>10.00	<2	0.13	26	3.48	963	<1	2.00	10	0.21	6	2.17	<3	<10	<10	91	2.05	11	289	<10	42	138
794820	0.4	7.35	8	98	1.2	<2	3.28	<0.5	62	42	37	128	>10.00	<2	0.40	27	3.64	1065	1	1.91	10	0.22	7	1.68	<3	<10	16	93	2.12	12	293	<10	48	129
794821	0.2	9.45	9	259	2.3	<2	2.74	<0.5	38	23	67	30	7.06	<2	0.76	17	2.53	1041	1	3.88	53	0.12	3	0.39	<3	<10	<10	270	1.47	7	261	<10	43	126
794822	0.3	8.93	<5	223	1.9	<2	1.83	<0.5	32	48	115	147	9.33	<2	0.67	15	2.59	1181	<1	3.34	57	0.11	4	1.77	<3	<10	17	206	1.40	9	260	<10	46	112
794822 DUP-C	0.3	9.15	<5	229	2.0	<2	1.85	<0.5	34	47	91	120	9.39	<2	0.66	15	2.63	1231	<1	3.42	55	0.11	4	1.61	<3	<10	10	215	1.43	9	266	<10	47	120

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128165 - ICP

DateIn: December 1, 2021
DateOut: May 30, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: Joan Wright

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
794823	0.4	6.56	<5	189	1.1	2	1.33	<0.5	31	35	186	111	8.97	<2	0.60	13	2.31	1284	1	1.83	70	0.09	2	1.22	<3	<10	14	112	1.19	9	229	<10	57	95
794824	0.3	7.78	7	194	1.3	<2	2.11	<0.5	30	45	422	105	>10.00	<2	0.60	14	3.20	1733	2	1.54	182	0.11	12	1.08	<3	<10	10	119	1.37	12	265	<10	86	46
794825	0.4	7.04	5	94	1.6	<2	3.21	<0.5	71	30	71	61	9.30	<2	0.40	30	2.31	2061	<1	2.22	15	0.26	8	0.70	<3	<10	14	178	1.58	9	159	<10	71	208
794826	0.4	8.14	<5	139	1.6	<2	2.27	<0.5	81	43	34	118	>10.00	<2	0.54	35	3.23	2207	1	1.91	7	0.30	6	0.91	<3	<10	<10	163	1.89	11	184	<10	101	145
794827	0.3	8.36	5	190	1.5	<2	5.28	<0.5	47	47	71	54	8.74	<2	0.79	21	2.77	1754	1	2.20	46	0.16	6	0.16	<3	<10	<10	256	1.60	9	268	<10	92	97
794828	0.3	8.22	7	199	1.4	<2	7.14	0.5	36	41	49	73	8.39	<2	0.96	16	2.34	2277	1	2.39	46	0.12	5	0.39	<3	<10	11	283	1.42	9	279	<10	104	87
794829	0.3	6.82	6	116	1.3	<2	7.22	<0.5	59	37	156	63	7.39	<2	0.62	27	3.44	1904	<1	1.55	93	0.19	7	0.38	<3	<10	11	188	1.44	9	191	<10	96	146
794830	0.7	8.34	5	244	2.2	<2	2.74	<0.5	84	30	75	194	8.66	<2	0.99	34	1.44	1968	1	3.18	7	0.29	9	1.51	<3	<10	<10	273	1.52	8	145	<10	100	287
794831	0.3	8.65	5	207	1.4	<2	6.48	0.5	43	46	73	90	8.41	<2	1.05	19	2.06	2002	2	2.77	40	0.14	6	0.61	<3	<10	<10	283	1.44	9	265	<10	119	146

Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - As

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical
Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

ISO/IEC 17025
* Accrediated Procedures

SAMPLE NUMBER	* Cu %	* Ag g/t	* Ni %
BLANK	<0.01	<0.1	<0.01
STD ME 1201	1.53	36.6	—
STD Su-1b	—	—	1.93
794234	4.52	15.6	—
794259	—	—	0.16
794260	—	—	0.18
794274	—	—	0.17
794275	—	—	0.24
794276	—	—	0.14
794277	—	—	0.15
794278	—	—	0.17
794278 DUP-C	—	—	0.17
794284	—	—	0.15

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

DateIn: December 6, 2021
DateOut: March 28, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 235	1627
794100	15
794101	41
794102	<5
794103	272
794104	116
794105	312
794106	<5
794107	<5
794108	80
794108 DUP - P	111
794109	130
794110	<5
794111	13
794112	30
794113	65
794114	160
794115	170
794116	101
794117	13
794118	98
794118 DUP - C	147
794119	23
794120	234
794121	422
794122	1515
794123	1067
794124	42
794125	5
794126	56
794127	40
794128	239
794128 DUP - P	241
794129	83
794130	39
794131	196

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

DateIn: December 6, 2021
DateOut: March 28, 2022

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Signed by:

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 233	1043
794132	152
794133	169
794134	49
794135	18
794136	44
794137	85
794138	65
794138 DUP - C	56
794139	1233
794140	277
794141	1129
794142	809
794143	760
794144	42
794145	552
794146	523
794147	589
794148	52
794148 DUP - P	52
794149	27
794150	12
794151	163
794152	30
794153	13
794154	21
794155	20
794156	125
794157	63
794158	53
794158 DUP - C	52
794159	284
794160	36
794161	80
794162	38
794163	211

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

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Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 237	2229
794164	206
794165	81
794166	7
794167	<5
794168	<5
794168 DUP - P	9
794169	5
794170	5
794171	10
794172	<5
794173	<5
794174	7
794175	5
794176	6
794177	5
794178	<5
794178 DUP - C	<5
794179	13
794180	5
794181	<5
794182	12
794183	5
794184	<5
794185	<5
794186	8
794187	<5
794188	<5
794188 DUP - P	<5
794189	<5
794190	<5
794191	6
794192	6
794193	5
794194	<5
794195	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

DateIn: December 6, 2021
DateOut: March 28, 2022

EASTERN Analytical
Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

ISO/IEC 17025
* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 233	1043
794196	<5
794197	<5
794198	<5
794198 DUP - C	<5
794199	<5
794200	<5
794201	<5
794202	<5
794203	59
794204	<5
794205	<5
794206	<5
794207	<5
794208	<5
794208 DUP - P	<5
794209	<5
794210	<5
794211	7
794212	<5
794213	<5
794214	<5
794215	<5
794216	<5
794217	<5
794218	<5
794218 DUP - C	<5
794219	11
794220	11
794221	5
794222	<5
794223	6
794224	15
794225	<5
794226	<5
794227	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
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Project: Great Burnt (RUSH)
Sample: Core

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 237	2253
794228	2857
794228 DUP - P	2983
794229	887
794230	83
794231	<5
794232	147
794233	2066
794234	2607
794235	32
794236	17
794237	7
794238	210
794238 DUP - C	270
794239	87
794240	<5
794241	125
794242	158
794243	93
794244	7
794245	<5
794246	7
794247	<5
794248	<5
794248 DUP - P	<5
794249	9
794250	<5
794251	<5
794252	<5
794253	9
794254	9
794255	<5
794256	<5
794257	7
794258	<5
794258 DUP - C	<5

Au Fire Assay Certificate

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Project: Great Burnt (RUSH)
Sample: Core

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 233	1066
794259	<5
794260	21
794261	<5
794262	<5
794263	<5
794264	<5
794265	<5
794266	<5
794267	7
794268	<5
794268 DUP - P	<5
794269	6
794270	6
794271	9
794272	5
794273	9
794274	<5
794275	<5
794276	11
794277	18
794278	<5
794278 DUP - C	<5
794279	<5
794280	7
794281	13
794282	20
794283	7
794284	<5
794285	24
794286	6
794287	<5
794288	<5
794288 DUP - P	8
794289	572
794290	5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 237	2176
794291	8
794292	<5
794293	<5
794294	<5
794295	<5
794296	15
794297	<5
794298	16
794298 DUP - C	17
794299	7
794300	13
794301	25
794302	<5
794303	<5
794304	<5
794305	105
794306	21
794307	66
794308	17
794308 DUP - P	18
794309	55
794310	149
794311	195
794312	180
794313	120
794314	9
794315	22
794316	14
794317	81
794318	503
794318 DUP - C	448
794319	255
794320	112
794321	1514
794322	23

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 235	1600
794323	21
794324	<5
794325	<5
794326	<5
794327	<5
794328	10
794328 DUP - P	18
794329	<5
794330	37
794331	<5
794332	<5
794333	13
794334	<5
794335	<5
794336	12
794337	10
794338	24
794338 DUP - C	26
794339	128
794340	241
794341	191
794342	572
794343	44
794832	17
794833	15
794834	9
794835	13
794836	16
794836 DUP - P	19
794837	<5
794838	<5
794839	<5
794840	7
794841	<5
794842	21

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 237	2273
794843	32
794844	83
794845	111
794846	385
794846 DUP - C	690
794847	45
794848	271
794849	12
794850	183
794851	43
794852	11
794853	269
794854	32
794855	73
794856	28
794856 DUP - P	20
794857	116
794858	163
794859	24
794860	215
794861	<5
794862	<5
794863	<5
794864	<5
794865	<5
794866	482
794866 DUP - C	389
794867	854
794868	2275
794869	1119
794870	2161
794871	1484
794872	892
794873	1021
794874	661

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

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DateOut: March 28, 2022

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SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 235	1654
794875	1352
794876	2134
794876 DUP - P	2373
794877	35
794878	<5
794879	<5
794880	<5
794881	<5
794882	<5
794883	<5
794884	<5
794885	<5
794886	5
794886 DUP - C	6
794887	<5
794888	<5
794889	20
794890	<5
794891	<5
794892	<5
794893	<5
794894	<5
794895	<5
794896	7
794896 DUP - P	22
794897	11
794898	5
794899	19
794900	52
794901	21
794902	6
794903	<5
794904	<5
794905	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

DateIn: December 6, 2021
DateOut: March 28, 2022

EASTERN Analytical

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* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 237	2315
794906	<5
794906 DUP - C	<5
794907	<5
794908	<5
794909	<5
794910	<5
794911	<5
794912	<5
794913	<5
794914	<5
794915	<5
794916	847
794916 DUP - P	786
794917	6
794918	6
794919	13
794920	12
794921	21
794922	13
794923	138
794924	12
794925	<5
794926	693
794926 DUP - C	852
794927	66
794928	19
794929	21
794930	36
794931	6
794932	10
794933	10
794934	10
794935	11
794936	8
794936 DUP - P	8

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt (RUSH)
Sample: Core

DskFile: 578-2128204 - Au

DateIn: December 6, 2021
DateOut: March 28, 2022

EASTERN Analytical

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403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 235	1564
794937	<5
794938	<5
794939	62
794940	106
794941	30
794942	135
794943	79
794944	96
794945	14
794946	138
794946 DUP - C	106
794947	7
794948	<5

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	0.4	8.12	13	185	0.7	<2	0.19	<0.5	36	32	551	364	>10.00	<2	0.41	17	0.25	494	2	0.10	228	0.04	25	0.04	<3	<10	<10	28	0.73	3	233	<10	50	137
794100	<0.2	8.41	6	168	1.7	3	5.31	<0.5	88	27	31	7	8.25	<2	0.78	43	2.75	1210	1	3.15	11	0.31	5	0.08	<3	<10	18	455	1.62	19	114	<10	60	116
794101	<0.2	8.12	<5	398	1.6	<2	5.06	<0.5	72	26	45	13	8.52	3	1.25	36	2.59	1265	2	2.71	24	0.24	<2	0.13	<3	<10	<10	511	1.67	21	156	<10	64	79
794102	<0.2	7.82	8	256	1.4	2	7.64	<0.5	66	33	47	38	7.91	11	1.03	33	2.69	1638	<1	2.32	30	0.20	8	0.10	<3	<10	<10	650	1.61	19	165	<10	67	65
794103	<0.2	7.91	12	257	1.4	2	7.44	0.6	65	33	47	54	7.40	3	0.87	33	2.59	1682	1	2.76	33	0.21	3	0.22	<3	<10	16	560	1.64	16	164	<10	63	69
794104	<0.2	8.00	<5	338	1.5	4	6.38	<0.5	66	34	46	20	7.93	<2	1.26	33	2.69	1574	1	2.23	28	0.21	4	0.19	<3	<10	21	710	1.69	17	173	<10	70	58
794105	<0.2	8.12	14	290	1.2	<2	4.93	<0.5	68	40	59	268	>10.00	2	1.07	34	2.77	1230	1	2.76	31	0.22	6	2.04	<3	<10	<10	579	1.74	21	176	<10	65	88
794106	<0.2	7.86	<5	390	1.4	<2	5.03	<0.5	69	34	49	37	8.42	<2	1.44	32	2.90	1361	<1	1.96	32	0.22	<2	0.31	<3	<10	12	713	1.68	23	167	<10	72	161
794107	<0.2	8.55	<5	327	1.4	3	6.26	<0.5	77	43	46	60	8.34	<2	1.08	37	2.81	1564	1	2.13	20	0.25	<2	0.41	<3	<10	<10	779	1.81	19	161	<10	70	126
794108	<0.2	7.87	18	355	1.4	<2	5.53	<0.5	69	45	43	202	>10.00	<2	1.33	34	2.37	1238	1	2.48	24	0.23	6	2.23	<3	<10	10	704	1.63	20	149	<10	63	85
794108 DUP-P	0.2	8.00	15	342	1.4	<2	5.66	<0.5	69	46	46	208	>10.00	<2	1.38	35	2.44	1250	<1	2.52	23	0.24	3	2.26	<3	<10	13	710	1.66	23	152	<10	65	80
794109	<0.2	8.74	<5	560	1.4	<2	3.71	<0.5	85	29	28	206	>10.00	4	2.76	41	1.96	637	2	3.58	7	0.30	7	2.34	<3	<10	16	854	1.80	19	139	<10	50	107
794110	<0.2	8.22	<5	238	1.3	<2	3.30	<0.5	83	44	47	315	>10.00	2	1.13	39	1.57	491	3	3.84	15	0.29	3	3.88	<3	<10	13	765	1.72	23	131	<10	41	168
794111	0.2	8.34	6	178	1.7	<2	3.25	<0.5	83	46	33	439	>10.00	<2	0.88	38	1.66	487	3	3.93	7	0.28	6	3.73	<3	<10	15	503	1.70	22	129	<10	38	195
794112	<0.2	8.24	5	173	1.9	<2	3.66	<0.5	82	35	33	411	>10.00	<2	0.82	38	1.98	588	2	3.70	5	0.28	2	2.51	<3	<10	<10	390	1.66	21	125	<10	34	161
794113	<0.2	8.27	9	200	1.8	2	2.84	<0.5	82	30	36	244	9.01	<2	0.93	39	1.84	500	1	3.76	17	0.28	7	1.84	<3	<10	<10	384	1.63	16	122	<10	29	108
794114	<0.2	7.98	7	360	2.2	<2	2.93	<0.5	86	48	55	360	>10.00	<2	1.33	41	1.21	383	1	3.77	18	0.31	2	3.11	<3	<10	17	460	1.68	17	129	<10	24	178
794115	0.2	8.09	5	281	1.9	<2	2.96	<0.5	88	60	44	484	>10.00	3	1.28	43	1.28	402	2	3.65	21	0.32	3	3.82	<3	<10	26	430	1.59	20	104	<10	25	109
794116	<0.2	8.02	7	256	1.9	<2	3.29	<0.5	80	65	36	603	>10.00	<2	1.10	39	1.44	493	4	3.69	22	0.28	8	3.92	<3	<10	17	363	1.62	23	120	<10	28	123
794117	0.3	8.64	<5	300	2.0	<2	3.11	<0.5	89	57	42	404	>10.00	2	1.30	43	1.53	619	1	3.95	14	0.31	<2	3.59	<3	<10	20	342	1.74	21	123	<10	24	153
794118	<0.2	7.64	8	291	2.2	<2	4.41	<0.5	78	55	55	332	>10.00	<2	1.26	39	1.30	598	13	3.20	14	0.29	3	2.81	<3	<10	16	330	1.47	20	107	<10	19	131
794118 DUP-C	<0.2	7.66	10	300	2.1	2	3.98	<0.5	83	57	60	340	>10.00	5	1.31	40	1.37	585	9	3.18	18	0.30	5	2.97	<3	<10	14	297	1.50	23	114	<10	21	147
794119	0.2	7.77	8	234	2.1	<2	2.98	<0.5	83	59	69	329	>10.00	<2	1.23	37	1.21	358	1	3.61	15	0.28	<2	3.34	<3	<10	<10	296	1.55	19	119	<10	19	140
794120	0.3	7.66	<5	157	1.7	<2	2.45	<0.5	67	68	81	375	>10.00	5	0.94	33	1.61	425	2	2.80	15	0.23	6	3.99	<3	<10	<10	193	1.31	19	104	<10	28	76
794121	0.6	8.40	12	144	1.7	<2	2.99	<0.5	99	52	64	437	>10.00	<2	0.89	44	1.21	286	2	4.21	19	0.32	<2	3.68	<3	<10	<10	255	1.58	16	104	<10	20	128
794122	0.2	8.10	<5	104	1.9	8	2.77	<0.5	91	56	59	351	>10.00	4	0.65	44	1.19	308	3	4.18	20	0.31	10	4.68	<3	<10	<10	208	1.57	19	108	<10	20	126
794123	0.2	8.77	<5	145	2.6	4	2.71	<0.5	107	49	67	477	>10.00	2	0.86	50	1.02	404	2	4.55	25	0.30	5	4.43	<3	<10	<10	286	1.46	17	96	<10	20	177
794124	0.6	9.36	75	373	2.4	<2	1.95	<0.5	78	70	596	489	>10.00	5	1.64	35	1.74	1239	<1	2.46	484	0.21	4	1.16	<3	<10	14	212	1.68	17	226	<10	40	194
794125	0.4	9.54	<5	90	3.5	<2	1.23	<0.5	160	7	95	30	2.70	6	0.43	72	0.51	301	2	6.56	17	0.14	<2	0.34	<3	<10	12	288	0.73	<2	28	<10	8	232
794126	0.2	11.55	8	112	2.9	<2	1.38	<0.5	129	13	70	50	4.63	8	0.77	59	0.89	426	3	5.59	41	0.13	<2	0.52	<3	<10	<10	278	0.93	2	64	<10	13	176
794127	0.3	7.26	<5	55	1.7	<2	1.36	<0.5	83	38	414	98	9.33	4	0.20	35	3.07	793	8	2.47	295	0.09	<2	1.37	8	<10	13	135	0.91	13	155	<10	32	246
794128	0.4	8.28	<5	119	2.9	<2	1.66	<0.5	123	26	122	86	8.19	<2	0.56	51	1.51	684	3	3.75	86	0.09	3	1.44	<3	<10	20	235	1.04	9	155	<10	22	282
794128 DUP-P	0.4	8.32	5	121	2.8	<2	1.73	<0.5	123	26	116	87	8.17	<2	0.59	52	1.51	681	2	3.81	80	0.09	3	1.45	<3	<10	17	236	1.04	6	156	<10	22	324
794129	0.5	8.07	8	169	2.7	<2	1.54	<0.5	107	28	117	75	9.00	2	0.64	43	1.57	810	2	3.40	78	0.09	4	1.47	<3	<10	18	201	1.04	11	168	<10	24	429
794130	0.5	8.38	7	79	2.6	<2	1.47	<0.5	128	29	111	110	9.51	4	0.47	50	2.23	956	2	3.44	75	0.09	3	1.34	<3	<10	21	178	1.08	9	164	<10	32	520
794131	0.4	8.25	<5	104	2.7	<2	1.09	<0.5	124	48	230	214	>10.00	9	0.55	54	1.78	787	2	3.88	105	0.08	9	2.19	<3	<10	15	183	0.99	11	187	<10	26	199
794132	0.4	8.29	<5	158	2.4	<2	1.79	<0.5	101	66	133	407	>10.00	3	0.71	45	1.71	643	2	3.87	107	0.18	7	3.42	<3	<10	12	255	1.25	17	153	<10	27	188
794133	0.4	8.53	16	176	2.3	<2	2.22	<0.5	85	88	47	598	>10.00	<2	0.65	40	1.22	355	<1	3.73	61	0.26	8	4.66	<3	<10	11	336	1.49	19	121	<10	22	96
794134	0.3	7.98	<5	237	1.6	<2	2.91	<0.5	81	50	36	267	>10.00	<2	1.19	39	1.69	578	2	3.37	19	0.28	11	2.42	<3	<10	19	439	1.57	20	108	<10	33	96

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.5	7.26	10	429	2.1	18	0.48	<0.5	84	24	75	4241	6.35	<2	2.42	41	1.68	947	<1	0.36	35	0.07	85	0.63	<3	<10	14	45	0.40	5	89	<10	335	110
794135	0.2	8.40	<5	206	1.6	<2	2.98	<0.5	86	47	32	313	>10.00	10	1.00	40	1.97	481	2	3.60	13	0.29	8	2.35	<3	<10	16	431	1.67	16	112	<10	32	184
794136	0.4	8.46	<5	150	1.3	<2	3.19	<0.5	90	43	31	318	>10.00	7	0.63	41	2.13	527	1	3.74	12	0.30	4	2.43	<3	<10	17	399	1.71	17	113	<10	34	180
794137	0.4	8.90	<5	139	1.5	<2	3.02	<0.5	97	49	25	384	>10.00	10	0.67	44	2.22	499	1	4.00	9	0.33	6	2.60	<3	<10	<10	354	1.76	18	109	<10	31	196
794138	0.4	8.55	7	136	1.7	<2	3.17	<0.5	92	43	35	236	9.50	3	0.64	41	2.34	595	4	3.54	9	0.31	<2	2.45	<3	<10	<10	252	1.66	16	106	<10	28	213
794138 DUP-C	0.3	8.57	5	143	1.7	<2	3.19	<0.5	89	41	39	226	9.14	6	0.65	40	2.26	590	2	3.68	7	0.31	<2	2.16	<3	<10	<10	255	1.67	16	106	<10	27	200
794139	0.4	8.14	8	246	2.5	2	2.98	<0.5	86	91	63	602	>10.00	8	1.04	41	1.19	331	1	3.87	20	0.31	4	4.17	<3	<10	13	382	1.62	19	122	<10	22	156
794140	0.3	7.92	14	212	2.2	<2	3.08	<0.5	78	69	48	512	9.78	3	1.00	38	1.04	263	2	3.64	8	0.29	<2	3.29	<3	<10	17	399	1.43	16	115	<10	17	79
794141	0.3	7.76	<5	264	2.1	5	3.00	<0.5	84	68	60	411	>10.00	3	1.17	41	1.26	345	2	3.54	5	0.32	5	3.27	<3	<10	18	327	1.50	14	114	<10	19	88
794142	0.3	8.25	<5	253	1.9	5	3.25	<0.5	90	72	60	482	>10.00	4	1.25	41	1.22	309	1	4.02	3	0.30	5	3.82	<3	<10	10	336	1.55	19	108	<10	21	134
794143	0.2	7.70	8	210	2.0	11	2.75	<0.5	81	76	64	456	>10.00	11	0.91	37	1.19	294	2	3.83	12	0.25	8	3.97	<3	<10	<10	357	1.46	22	105	<10	21	111
794144	0.2	8.76	<5	229	1.9	<2	3.68	<0.5	98	52	52	290	9.86	12	0.88	46	1.55	422	3	4.30	6	0.33	8	2.96	<3	<10	<10	422	1.72	16	116	<10	23	169
794145	0.4	7.68	8	124	2.1	<2	2.42	<0.5	83	97	74	631	>10.00	2	0.58	40	1.19	291	1	4.25	15	0.29	8	5.27	<3	<10	21	268	1.51	23	121	<10	21	160
794146	0.9	6.59	5	112	1.8	<2	1.83	<0.5	70	131	36	966	>10.00	6	0.59	35	1.33	297	1	3.21	12	0.24	9	6.88	<3	<10	17	188	1.29	24	105	<10	24	112
794147	0.3	7.82	11	155	2.3	2	2.53	<0.5	86	58	44	309	9.82	10	0.91	40	1.40	387	2	3.62	12	0.27	4	2.91	<3	<10	16	245	1.54	14	107	<10	19	92
794148	0.3	8.64	9	133	3.3	<2	2.35	<0.5	148	52	50	406	9.60	<2	0.73	71	0.93	368	19	4.72	15	0.29	2	3.11	<3	<10	18	278	0.94	12	52	<10	15	283
794148 DUP-P	0.5	8.70	5	141	3.3	<2	2.34	<0.5	151	52	50	399	9.61	<2	0.74	72	0.93	368	18	4.82	19	0.29	7	3.15	<3	<10	15	277	0.95	11	52	<10	16	301
794149	0.4	9.77	9	209	3.9	<2	3.39	<0.5	154	22	52	202	7.07	2	1.42	73	0.99	371	31	4.78	15	0.32	5	1.05	<3	12	10	332	0.98	12	54	<10	13	345
794150	0.4	9.61	10	232	3.1	<2	2.41	<0.5	164	24	60	169	7.03	<2	1.33	75	0.79	346	7	5.24	22	0.35	<2	2.44	<3	<10	<10	314	1.02	8	52	<10	13	300
794151	0.4	11.69	<5	791	2.6	<2	1.10	<0.5	126	38	44	61	>10.00	<2	4.07	56	0.63	1638	3	1.54	49	0.19	<2	0.92	<3	<10	<10	150	3.16	19	387	<10	30	207
794152	0.2	8.66	9	145	2.1	<2	2.34	<0.5	103	39	75	147	9.65	4	0.70	44	1.45	630	1	3.92	131	0.20	2	2.26	<3	<10	16	229	1.46	13	156	<10	23	196
794153	0.2	8.09	<5	159	1.9	<2	2.26	<0.5	69	25	175	98	8.36	3	0.97	33	1.68	696	1	2.72	134	0.11	4	1.11	<3	<10	<10	170	1.29	16	192	<10	24	75
794154	<0.2	8.05	6	130	2.7	<2	1.75	<0.5	76	30	154	101	8.55	9	0.59	34	1.35	628	2	3.37	91	0.10	6	1.51	<3	<10	13	232	1.33	11	227	<10	23	99
794155	0.4	8.21	8	123	2.8	<2	1.57	<0.5	115	21	108	70	7.59	7	0.50	46	1.36	603	2	3.85	72	0.09	7	1.07	<3	<10	<10	198	1.06	8	163	<10	19	390
794156	0.5	8.18	15	117	2.6	<2	1.34	<0.5	123	28	126	130	8.88	2	0.59	49	1.50	652	3	3.78	89	0.09	3	1.71	<3	<10	23	189	1.04	9	156	<10	23	422
794157	0.3	8.17	16	149	3.2	<2	1.94	<0.5	110	28	107	120	8.74	2	1.06	47	1.72	727	6	3.43	90	0.10	2	1.35	<3	11	10	138	1.10	12	173	<10	24	282
794158	0.6	8.32	<5	106	2.5	<2	1.19	<0.5	114	40	105	420	>10.00	<2	0.60	46	2.26	732	3	3.55	111	0.10	3	1.81	<3	<10	16	97	1.15	12	214	<10	25	435
794158 DUP-C	0.4	8.24	<5	99	2.5	<2	1.15	<0.5	108	39	107	415	9.57	3	0.59	46	2.21	732	4	3.56	102	0.09	6	1.70	<3	<10	22	96	1.13	9	208	<10	25	428
794159	0.2	7.51	11	116	2.4	<2	1.05	<0.5	105	41	157	137	9.15	8	0.49	45	1.88	780	2	3.36	144	0.11	7	1.77	<3	<10	<10	125	1.05	11	179	<10	27	209
794160	0.3	6.95	17	76	1.6	<2	1.60	<0.5	45	60	94	214	9.81	7	0.36	20	1.68	697	2	3.13	120	0.11	2	2.51	<3	<10	17	97	1.61	14	240	<10	21	59
794161	0.4	6.66	<5	44	1.4	<2	0.99	<0.5	74	60	308	202	>10.00	2	0.21	31	2.55	989	1	2.16	270	0.07	10	2.04	<3	<10	14	76	0.95	15	163	<10	37	229
794162	0.2	6.62	<5	10	0.7	<2	1.23	<0.5	26	57	500	124	>10.00	<2	0.04	13	3.88	1463	1	0.64	296	0.10	9	1.33	<3	<10	17	28	1.30	24	280	<10	57	58
794163	0.4	7.56	<5	78	1.6	9	1.33	<0.5	77	62	328	197	>10.00	<2	0.28	34	2.77	1197	1	2.20	274	0.09	10	2.07	<3	<10	<10	96	1.15	19	204	<10	53	114
794164	0.4	7.10	10	53	1.9	<2	1.36	<0.5	76	46	418	111	>10.00	9	0.14	34	2.68	1427	2	1.78	254	0.09	5	1.08	<3	<10	12	80	1.04	17	171	<10	67	123
794165	0.2	8.16	12	119	3.5	<2	1.42	<0.5	117	29	187	88	8.44	3	0.37	49	1.45	1136	3	3.97	108	0.06	3	0.77	<3	<10	12	188	0.76	12	118	<10	60	161
794166	0.2	6.69	40	48	1.2	<2	3.34	<0.5	21	65	532	15	8.72	3	0.20	10	3.15	1840	1	1.55	340	0.07	5	0.02	24	<10	12	113	1.14	16	209	<10	101	36
794167	0.3	5.76	154	41	1.2	<2	4.23	<0.5	24	60	423	120	7.94	5	0.22	12	3.90	1397	12	0.71	375	0.08	7	0.09	80	<10	24	119	1.07	20	194	<10	106	51
794168	0.3	7.00	17	31	1.0	<2	5.56	<0.5	30	68	356	86	8.67	2	0.11	15	4.81	1757	1	0.76	402	0.10	<2	0.04	<3	<10	<10	151	1.36	17	251	<10	115	38
794168 DUP-P	0.2	7.18	20	35	1.0	<2	5.72	<0.5	30	69	368	87	8.79	13	0.12	16	4.90	1795	1	0.78	385	0.10	<2	0.04	<3	<10	11	154	1.38	22	255	<10	116	38

ICP - 34 Certificate

Client: Spruce Ridge Resources
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Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
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BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.3	6.72	17	260	0.7	<2	0.07	<0.5	22	60	999	785	>10.00	<2	0.33	11	0.17	555	2	0.06	429	0.03	19	0.05	<3	<10	<10	17	0.56	2	318	<10	50	111
794169	0.2	9.26	10	345	2.1	<2	3.10	<0.5	89	54	86	81	>10.00	5	1.20	40	2.52	2357	6	2.79	57	0.28	4	0.58	<3	<10	17	290	1.99	18	233	<10	152	116
794170	0.2	8.40	<5	239	1.8	<2	3.02	<0.5	54	43	52	43	8.94	4	0.84	25	2.37	2140	8	2.41	33	0.19	2	0.17	<3	<10	16	216	1.74	14	246	<10	107	107
794171	0.2	6.42	8	221	2.1	<2	4.68	<0.5	70	50	575	79	7.26	5	1.98	35	1.02	1130	2	1.41	221	0.10	5	0.23	<3	<10	13	222	0.88	18	122	<10	96	89
794172	0.6	7.34	8	70	0.9	<2	3.97	<0.5	35	56	508	76	8.48	<2	0.49	16	5.80	1680	1	0.79	260	0.10	9	0.08	<3	<10	<10	130	1.31	17	291	<10	100	95
794173	<0.2	6.10	22	112	1.0	<2	6.17	<0.5	32	48	375	73	6.91	11	0.58	16	3.75	1756	3	1.06	180	0.09	5	0.04	<3	<10	19	174	1.19	16	248	<10	77	87
794174	0.3	8.70	<5	449	2.4	<2	2.94	<0.5	81	28	219	82	5.91	<2	3.79	40	1.71	1567	6	0.83	59	0.10	5	0.68	<3	<10	14	121	0.83	15	214	<10	104	119
794175	<0.2	5.31	<5	144	1.2	<2	7.58	0.5	39	30	162	45	5.49	4	1.27	20	1.84	2234	3	0.82	70	0.08	11	0.15	<3	<10	<10	215	0.72	23	133	<10	72	80
794176	0.3	6.49	<5	94	0.6	<2	5.38	<0.5	24	53	256	83	7.70	3	0.91	12	6.83	1321	1	0.88	195	0.08	5	0.03	<3	<10	10	163	1.21	20	272	<10	84	62
794177	0.3	7.47	<5	117	1.2	<2	6.04	<0.5	44	49	304	122	8.05	12	0.50	20	3.81	1452	2	2.34	186	0.11	<2	0.11	<3	<10	<10	274	1.36	17	263	<10	92	87
794178	0.3	7.72	<5	133	1.3	<2	3.97	<0.5	48	49	270	69	8.77	7	0.45	23	3.49	1474	<1	2.59	138	0.14	<2	0.15	<3	<10	<10	242	1.54	17	258	<10	99	109
794178 DUP-C	<0.2	7.53	5	165	1.4	<2	3.93	<0.5	53	46	276	64	8.50	5	0.44	25	3.42	1452	1	2.44	126	0.15	3	0.13	<3	<10	<10	252	1.54	17	267	<10	95	116
794179	0.2	6.34	5	69	0.6	<2	4.25	<0.5	25	59	501	68	8.13	4	0.70	12	6.50	1262	1	0.52	288	0.09	9	0.01	<3	<10	10	88	1.24	20	245	<10	91	78
794180	0.2	6.24	10	161	1.0	<2	4.72	<0.5	27	61	380	108	8.05	<2	1.72	12	7.40	1277	1	0.68	361	0.09	6	0.05	<3	<10	<10	83	1.10	9	239	<10	96	99
794181	0.4	6.03	11	55	0.7	<2	4.84	<0.5	23	59	340	108	7.66	5	0.58	10	7.82	1252	<1	0.29	370	0.07	8	0.04	<3	<10	<10	64	0.99	9	241	<10	90	85
794182	0.2	8.41	11	339	3.0	<2	1.35	1.8	72	33	154	139	6.03	2	2.00	36	2.51	1197	11	2.84	118	0.06	20	1.18	<3	<10	<10	222	0.59	14	397	<10	154	120
794183	0.3	8.31	10	358	2.5	<2	3.05	<0.5	71	30	115	91	5.79	<2	3.06	35	2.29	1397	5	2.03	61	0.06	27	0.64	3	<10	<10	169	0.55	11	277	<10	116	108
794184	0.3	6.61	6	251	1.5	<2	8.73	<0.5	47	35	132	70	5.78	<2	2.14	22	2.40	3109	1	1.34	47	0.06	13	0.31	<3	<10	<10	140	0.55	7	203	<10	92	80
794185	0.2	7.48	11	279	1.5	<2	5.50	<0.5	49	36	176	85	6.52	<2	2.13	23	3.20	1569	1	0.95	50	0.05	13	0.26	<3	<10	<10	87	0.61	9	211	<10	88	84
794186	0.2	6.55	<5	45	0.5	<2	5.84	<0.5	12	43	104	82	7.65	<2	0.83	5	4.13	1420	<1	0.99	52	0.06	6	0.07	<3	<10	<10	80	0.80	10	312	<10	86	70
794187	<0.2	5.97	7	30	<0.5	<2	7.68	<0.5	10	36	81	64	7.03	<2	0.49	4	3.90	1561	<1	0.82	46	0.05	7	0.03	<3	<10	<10	102	0.73	9	245	<10	77	61
794188	0.2	4.44	10	27	<0.5	<2	14.01	<0.5	8	26	69	63	5.32	<2	0.37	4	2.98	1929	<1	0.50	37	0.02	10	0.03	<3	<10	<10	148	0.53	7	109	<10	57	42
794188 DUP-P	<0.2	4.45	9	29	<0.5	<2	13.88	0.6	9	26	72	63	5.32	<2	0.37	4	2.97	1926	1	0.50	38	0.02	11	0.02	<3	<10	<10	148	0.53	7	109	<10	57	41
794189	0.2	7.72	9	148	1.5	<2	4.96	<0.5	47	36	97	68	6.80	2	1.79	22	3.15	1966	1	1.18	53	0.06	16	0.29	<3	<10	<10	116	0.72	8	248	<10	97	97
794190	0.2	9.12	10	407	2.7	<2	3.08	<0.5	78	26	112	90	5.69	<2	4.18	39	2.04	1575	5	0.92	57	0.07	19	0.72	<3	23	<10	75	0.56	11	242	<10	119	120
794191	0.2	8.95	6	405	2.4	<2	2.97	0.5	68	34	153	87	6.35	<2	4.21	33	2.43	1479	3	0.74	56	0.07	14	0.68	<3	<10	<10	60	0.64	10	231	<10	120	106
794192	0.2	7.05	7	240	1.4	<2	6.91	<0.5	38	34	211	75	6.35	<2	1.83	19	2.99	1619	2	1.11	52	0.05	14	0.32	<3	<10	<10	102	0.61	9	242	<10	93	72
794193	0.3	6.94	<5	474	3.0	<2	4.29	1.8	77	27	211	133	5.19	2	4.16	41	1.68	1004	8	1.67	60	0.07	21	1.28	<3	12	<10	113	0.51	14	299	<10	125	114
794194	<0.2	7.04	7	159	0.5	<2	6.08	<0.5	11	43	115	73	7.91	<2	1.28	5	4.42	1271	<1	1.14	58	0.05	8	0.04	<3	16	<10	94	0.83	10	312	<10	88	55
794195	0.2	6.20	8	105	0.5	<2	8.53	<0.5	13	39	116	74	6.79	3	0.58	6	3.79	1319	<1	1.28	59	0.05	9	0.05	<3	12	<10	122	0.70	8	257	<10	75	54
794196	0.2	7.40	6	277	0.6	<2	8.77	<0.5	18	38	133	95	6.49	4	0.90	9	3.58	1298	1	2.37	72	0.04	3	0.09	<3	<10	<10	167	0.55	9	272	<10	77	47
794197	<0.2	6.83	6	233	<0.5	<2	7.06	<0.5	7	42	100	105	7.24	<2	0.80	3	3.82	1253	1	2.31	56	0.04	5	0.12	<3	<10	12	122	0.66	8	303	<10	79	36
794198	<0.2	7.36	6	337	<0.5	<2	7.28	<0.5	8	43	128	81	7.21	<2	1.23	4	4.30	1337	<1	2.50	68	0.04	5	0.03	<3	<10	<10	145	0.67	8	283	<10	78	39
794198 DUP-C	<0.2	7.47	7	334	<0.5	<2	7.30	<0.5	8	43	136	86	7.35	<2	1.23	4	4.41	1355	1	2.56	70	0.04	4	0.03	<3	<10	<10	146	0.68	9	289	<10	80	40
794199	<0.2	7.07	<5	294	<0.5	<2	7.23	<0.5	5	43	239	111	6.86	<2	1.05	3	4.23	1285	1	2.52	66	0.03	<2	0.04	<3	<10	<10	140	0.53	9	253	<10	72	27
794200	<0.2	7.43	9	197	<0.5	<2	6.38	<0.5	9	48	72	100	8.76	<2	0.89	4	3.85	1583	<1	2.29	53	0.05	11	0.13	<3	11	<10	118	0.80	11	366	<10	99	43
794201	<0.2	6.58	<5	226	0.5	<2	7.23	<0.5	13	41	79	70	7.29	<2	0.90	6	3.51	1451	1	2.05	50	0.04	6	0.07	<3	<10	<10	136	0.69	10	286	<10	84	48
794202	<0.2	6.10	12	196	<0.5	<2	7.32	<0.5	11	41	81	81	7.39	<2	0.94	5	3.66	1455	1	1.41	51	0.04	9	0.04	<3	<10	<10	105	0.68	9	255	<10	81	49
794203	0.2	7.70	<5	321	1.0	<2	4.89	0.5	27	42	94	67	7.36	<2	2.17	15	3.45	1488	1	1.43	54	0.05	11	0.22	<3	<10	<10	85	0.69	10	323	<10	108	60

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical

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403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.5	7.30	9	440	2.5	20	0.48	<0.5	88	25	69	4458	6.50	<2	2.56	43	1.70	1028	1	0.36	37	0.06	83	0.71	<3	<10	14	44	0.42	3	97	<10	354	119
794204	0.2	8.77	6	321	2.4	<2	3.31	<0.5	85	34	126	78	5.97	<2	2.89	41	1.81	1747	3	2.28	65	0.08	19	0.68	<3	<10	<10	91	0.58	9	191	<10	103	113
794205	0.3	8.24	6	471	1.9	<2	2.74	<0.5	66	33	155	96	6.54	<2	2.86	32	2.37	1415	6	1.34	60	0.07	14	0.61	<3	14	<10	76	0.71	11	258	<10	103	115
794206	0.2	6.75	8	170	1.4	<2	7.00	<0.5	37	37	103	71	6.49	<2	1.12	18	2.98	1832	<1	1.19	51	0.08	12	0.13	<3	<10	<10	97	0.72	9	226	<10	80	88
794207	0.2	8.51	6	409	2.3	<2	4.63	<0.5	64	31	101	102	6.06	2	3.42	32	2.21	1476	10	0.59	52	0.06	13	0.78	<3	13	<10	74	0.58	11	242	<10	111	102
794208	0.3	8.34	10	402	2.4	<2	6.92	<0.5	87	25	58	65	6.05	<2	3.52	42	1.44	822	6	0.91	33	0.16	8	1.02	<3	<10	<10	133	1.04	11	204	<10	100	155
794208 DUP-P	0.3	8.64	8	419	2.5	<2	7.11	<0.5	92	26	63	66	6.18	<2	3.72	45	1.49	846	5	0.96	34	0.17	10	1.05	<3	<10	<10	137	1.07	11	211	<10	105	162
794209	0.4	7.38	7	263	1.9	<2	10.14	<0.5	83	26	54	28	6.57	<2	2.33	40	1.26	864	<1	1.85	34	0.26	6	0.07	<3	15	<10	203	1.28	8	121	<10	90	204
794210	0.4	7.59	6	571	1.8	<2	10.82	<0.5	85	24	58	20	6.79	<2	3.32	41	1.52	1109	1	0.89	19	0.25	5	0.03	<3	<10	<10	219	1.42	7	125	<10	88	215
794211	0.3	7.39	9	272	1.9	<2	8.42	<0.5	91	34	67	19	6.56	<2	3.72	43	1.55	722	5	0.32	27	0.29	7	0.18	<3	<10	<10	154	1.36	9	119	<10	89	195
794212	0.3	8.09	8	289	2.1	<2	6.15	<0.5	90	23	34	6	7.86	<2	3.75	43	1.66	593	<1	0.40	3	0.25	6	0.11	<3	<10	<10	157	1.63	8	114	<10	89	226
794213	0.3	6.51	9	275	1.9	<2	9.03	<0.5	76	30	95	24	6.45	<2	2.90	37	1.61	1308	1	0.25	42	0.24	7	0.09	<3	<10	<10	178	1.26	9	111	<10	76	181
794214	0.3	6.42	6	333	1.6	<2	11.56	<0.5	68	29	132	34	6.33	<2	2.93	33	1.51	1370	1	0.19	81	0.22	6	0.08	<3	<10	<10	192	1.17	9	105	<10	77	168
794215	0.4	7.43	9	344	1.8	<2	10.14	<0.5	90	26	68	29	7.31	3	2.75	43	1.60	1155	<1	0.76	29	0.28	5	0.13	<3	<10	<10	186	1.28	8	124	<10	93	227
794216	0.4	8.09	9	430	2.1	<2	7.27	<0.5	99	26	53	25	6.82	<2	3.89	47	1.62	953	5	0.47	29	0.22	4	0.57	<3	<10	<10	129	1.54	8	115	<10	87	218
794217	0.5	7.61	10	319	1.7	<2	9.19	<0.5	93	24	45	25	6.11	<2	2.40	44	1.46	1269	1	1.67	17	0.28	6	0.03	<3	<10	<10	242	1.31	8	128	<10	89	249
794218	0.4	8.41	8	432	2.5	<2	4.54	<0.5	97	29	86	66	6.58	2	3.59	48	1.83	1153	4	0.69	42	0.16	15	0.52	<3	<10	<10	110	0.96	9	140	<10	108	175
794218 DUP-C	0.3	8.31	8	426	2.4	<2	4.62	<0.5	93	28	93	64	6.57	<2	3.55	46	1.82	1121	3	0.69	43	0.16	17	0.49	<3	<10	<10	110	0.93	9	141	<10	107	172
794219	0.2	9.27	8	462	3.5	<2	0.86	0.7	92	30	144	109	6.04	<2	4.29	45	1.52	2220	7	0.50	61	0.06	21	1.23	<3	<10	<10	59	0.51	13	270	<10	141	114
794220	0.5	13.75	12	450	3.5	<2	0.82	3.9	97	28	83	106	6.42	<2	3.99	47	1.51	2058	9	0.45	66	0.06	30	1.04	<3	15	<10	62	0.47	12	293	<10	142	153
794221	0.4	9.35	8	451	3.2	<2	2.40	0.6	85	30	101	102	6.29	<2	4.19	41	1.69	2522	7	0.58	61	0.07	26	1.03	<3	<10	<10	88	0.51	12	246	<10	131	115
794222	0.6	8.08	9	312	2.2	<2	5.02	<0.5	77	36	77	81	7.99	<2	3.01	34	1.76	3653	2	0.97	45	0.15	13	0.54	<3	22	<10	155	1.30	9	167	<10	115	186
794223	0.5	9.39	<5	440	3.5	<2	1.75	<0.5	82	35	121	130	7.35	<2	4.17	41	1.72	2513	7	0.53	69	0.08	23	1.44	<3	14	<10	88	0.80	13	264	<10	152	126
794224	0.4	9.04	13	471	2.8	<2	1.11	<0.5	100	30	133	111	6.30	3	4.02	49	1.70	2275	8	0.47	69	0.17	37	0.93	<3	11	<10	66	0.62	13	302	<10	135	133
794225	0.3	9.11	14	499	3.0	<2	1.28	<0.5	84	32	105	99	6.44	<2	4.11	41	1.66	1844	5	0.59	63	0.08	20	1.09	<3	<10	<10	81	0.55	11	221	<10	138	113
794226	0.4	12.91	11	514	3.3	<2	2.49	0.5	91	31	131	94	6.49	4	3.63	43	1.82	3027	5	0.94	64	0.09	18	0.74	<3	<10	<10	146	0.67	9	194	<10	112	212
794227	0.4	9.65	10	479	3.6	<2	0.78	<0.5	86	31	115	104	6.47	<2	3.43	41	1.86	3667	3	1.06	60	0.06	29	0.69	<3	<10	<10	96	0.54	9	207	<10	123	120
794228	0.6	6.69	15	266	1.7	29	10.86	0.9	70	75	355	543	9.25	<2	1.23	36	2.09	1874	1	0.27	88	0.16	10	0.45	4	11	11	364	1.29	11	170	<10	100	141
794228 DUP-P	0.5	6.29	16	251	1.6	26	10.26	0.6	68	70	333	501	8.83	<2	1.16	33	1.99	1800	1	0.26	82	0.15	13	0.42	<3	<10	<10	344	1.22	12	162	<10	92	134
794229	0.5	7.38	15	97	1.6	2	11.51	<0.5	91	40	295	161	7.47	<2	0.52	42	1.52	1482	3	0.16	59	0.13	7	0.04	<3	18	14	505	1.56	9	156	<10	59	159
794230	0.4	6.16	25	70	1.7	<2	10.05	<0.5	76	92	221	30	9.31	2	0.54	38	2.10	1772	<1	0.16	161	0.13	8	0.10	<3	<10	12	315	1.23	10	108	<10	89	142
794231	0.4	6.34	11	70	1.4	<2	9.86	<0.5	85	49	261	<5	9.27	<2	0.66	44	2.65	1835	<1	0.11	175	0.14	10	0.03	<3	10	<10	316	1.29	12	152	<10	94	169
794232	0.4	6.69	15	37	1.2	<2	11.12	<0.5	87	53	270	<5	8.54	<2	0.31	42	2.10	1661	1	0.05	142	0.16	13	0.03	<3	<10	<10	368	1.44	11	188	<10	70	163
794233	0.3	6.64	22	48	1.3	10	10.94	<0.5	83	98	215	103	9.02	3	0.39	41	1.60	1661	1	0.05	116	0.16	9	0.06	<3	<10	<10	336	1.29	10	68	<10	96	144
794234	>6.0	5.47	23	124	0.6	5	8.47	15.8	69	278	206	>10000	>10.00	<2	0.89	36	1.54	1745	<1	0.02	124	0.27	15	5.77	<3	<10	12	254	1.12	18	81	<10	1155	118
794235	0.4	6.44	13	191	1.1	<2	10.43	<0.5	74	36	94	785	8.52	<2	1.33	38	1.82	1729	1	0.32	59	0.29	6	0.19	<3	<10	<10	342	1.23	11	88	<10	86	103
794236	0.3	7.97	10	204	2.6	<2	7.99	<0.5	111	22	64	252	5.75	<2	1.33	55	1.55	1201	<1	2.19	28	0.31	5	0.07	<3	<10	<10	465	1.36	8	123	<10	51	212
794237	0.5	9.46	13	318	4.0	<2	3.62	<0.5	179	17	48	115	5.40	<2	1.83	80	0.65	782	2	3.15	6	0.50	2	0.27	<3	13	<10	561	1.12	5	43	<10	34	457

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
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EASTERN Analytical

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BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.3	6.65	17	257	0.7	<2	0.07	<0.5	22	60	1000	791	>10.00	<2	0.32	11	0.17	554	1	0.06	448	0.03	19	0.06	<3	<10	<10	17	0.56	2	312	<10	50	106
794238	0.6	9.42	16	446	4.2	<2	2.61	<0.5	181	15	30	12	7.73	<2	2.42	82	0.72	1276	1	2.69	4	0.47	5	0.05	<3	24	<10	411	1.10	8	46	<10	47	460
794238 DUP-C	0.6	9.32	15	445	4.3	<2	2.69	<0.5	184	15	37	14	7.88	<2	2.34	82	0.73	1303	1	2.76	5	0.48	6	0.05	<3	22	<10	430	1.12	8	47	<10	47	465
794239	0.7	10.62	9	576	3.6	<2	1.53	<0.5	154	49	46	14	>10.00	<2	4.08	69	0.52	1209	1	0.96	32	0.35	8	0.13	<3	20	10	316	2.05	12	222	<10	45	469
794240	1.4	12.97	46	490	2.8	<2	1.44	<0.5	129	88	46	13	>10.00	<2	3.60	58	0.40	1319	1	0.37	54	0.25	8	0.16	<3	23	<10	442	3.27	14	435	<10	60	828
794241	0.9	11.39	15	535	3.8	<2	0.77	<0.5	106	59	41	34	>10.00	<2	3.96	39	0.41	1841	<1	0.46	52	0.14	9	0.39	<3	16	<10	184	3.20	13	473	<10	58	374
794242	0.7	10.83	27	630	2.6	<2	0.37	<0.5	115	57	49	44	>10.00	<2	4.25	52	0.42	2120	2	0.15	51	0.09	14	0.46	<3	29	<10	69	3.16	13	409	<10	55	359
794243	0.7	9.95	35	645	2.4	<2	0.67	<0.5	85	53	82	61	>10.00	<2	3.88	36	0.71	2169	1	0.34	47	0.18	8	0.04	<3	17	<10	84	2.79	11	372	<10	52	321
794244	0.6	8.75	15	315	2.2	<2	1.20	<0.5	76	44	59	12	9.89	<2	2.16	31	1.12	1523	1	1.30	42	0.19	7	0.02	<3	12	<10	231	2.31	9	294	<10	50	268
794245	0.6	8.26	14	103	1.9	<2	2.58	<0.5	72	45	59	16	9.99	<2	0.66	30	1.68	2124	1	1.69	41	0.22	7	0.08	<3	17	<10	320	2.20	11	321	<10	64	244
794246	0.6	7.78	13	93	2.1	<2	2.31	<0.5	74	56	34	83	>10.00	<2	0.63	31	1.62	2033	<1	1.64	32	0.22	4	0.35	<3	14	13	304	2.08	10	287	<10	68	246
794247	0.6	9.00	11	201	2.3	<2	2.21	0.5	83	46	57	105	>10.00	<2	0.88	35	1.64	1891	1	2.13	77	0.24	10	0.60	<3	17	<10	310	2.25	10	277	<10	61	284
794248	0.4	8.55	44	222	1.8	<2	1.55	<0.5	36	75	471	93	>10.00	<2	0.91	15	3.14	1773	<1	1.23	372	0.10	11	0.02	10	12	11	189	1.52	12	235	<10	68	125
794248 DUP-P	0.3	8.64	40	225	1.8	<2	1.58	<0.5	36	76	488	95	>10.00	<2	0.92	15	3.18	1791	<1	1.26	377	0.10	11	0.04	10	18	11	195	1.50	11	238	<10	70	121
794249	0.4	8.63	40	84	2.1	<2	1.97	0.6	46	76	432	223	9.75	<2	0.42	18	2.44	1644	1	2.00	404	0.11	6	0.17	<3	15	10	361	1.34	9	179	<10	57	171
794250	0.5	8.21	30	35	1.6	<2	3.61	<0.5	44	77	533	48	>10.00	<2	0.18	19	3.24	1497	1	1.66	607	0.10	5	0.10	<3	11	10	285	1.29	10	195	<10	57	148
794251	0.5	8.32	11	37	1.6	<2	4.67	<0.5	69	66	395	18	8.76	<2	0.28	28	3.13	1388	1	2.71	472	0.15	8	0.03	<3	13	<10	247	1.09	7	138	<10	58	239
794252	0.3	6.44	11	25	1.1	<2	6.13	<0.5	15	89	650	11	9.57	<2	0.20	7	4.13	1676	<1	1.14	732	0.06	8	0.04	3	11	<10	176	0.98	10	212	<10	73	62
794253	0.2	5.47	20	36	1.0	<2	7.08	<0.5	14	99	680	9	>10.00	4	0.22	6	4.87	1873	<1	0.62	864	0.05	11	0.05	<3	<10	<10	154	0.82	12	179	<10	83	47
794254	0.3	8.29	12	62	1.0	<2	5.01	<0.5	28	71	243	94	9.87	<2	0.39	12	2.84	1653	<1	2.55	339	0.09	11	0.09	<3	15	<10	326	1.44	10	239	<10	63	105
794255	0.3	7.09	8	31	0.7	<2	7.15	<0.5	26	85	572	61	9.81	<2	0.22	11	3.41	1678	<1	1.78	649	0.08	7	0.15	<3	16	11	214	1.26	10	230	<10	69	84
794256	0.4	9.09	6	36	1.0	<2	4.96	<0.5	36	71	174	63	9.77	<2	0.23	16	2.87	1508	1	3.53	301	0.09	9	0.06	<3	<10	12	344	1.62	10	243	<10	51	115
794257	0.3	9.08	5	48	1.0	<2	4.91	<0.5	36	71	162	112	9.23	<2	0.19	15	2.45	1308	<1	3.34	277	0.09	6	0.07	<3	14	16	438	1.55	8	257	<10	47	113
794258	0.5	8.50	5	40	1.0	<2	5.03	0.7	31	85	351	57	>10.00	<2	0.23	13	2.73	1430	1	3.09	384	0.11	9	0.11	<3	13	<10	342	1.52	10	230	<10	55	103
794258 DUP-C	0.2	8.46	6	40	1.1	<2	5.35	<0.5	31	92	366	60	>10.00	<2	0.24	13	2.88	1510	1	2.94	400	0.11	11	0.14	<3	18	<10	343	1.50	10	237	<10	58	102
794259	0.2	5.75	20	20	0.9	<2	6.62	<0.5	17	110	1249	37	>10.00	<2	0.15	8	4.01	1781	<1	1.03	>1100	0.06	11	0.15	9	<10	<10	147	0.93	12	172	<10	78	46
794260	0.3	4.97	57	32	0.7	<2	6.63	<0.5	15	105	1516	<5	>10.00	<2	0.24	7	4.09	1645	<1	0.62	>1100	0.06	11	0.05	12	<10	<10	97	0.81	12	133	<10	81	52
794261	0.4	5.64	25	32	1.6	<2	5.39	<0.5	42	108	1001	31	>10.00	<2	0.18	17	5.31	1438	1	1.18	964	0.07	11	0.15	12	<10	<10	127	0.85	13	105	<10	75	183
794262	0.6	8.27	6	93	3.2	<2	3.96	<0.5	52	79	814	114	>10.00	<2	0.48	22	1.86	1465	<1	2.67	792	0.10	11	0.56	<3	14	<10	373	1.28	12	154	<10	55	192
794263	0.5	8.61	11	43	3.0	<2	0.92	<0.5	147	45	215	110	6.13	<2	0.15	61	0.87	504	1	4.66	283	0.03	4	0.43	<3	14	<10	214	0.54	4	49	<10	22	362
794264	0.5	9.74	17	39	3.2	<2	2.19	<0.5	188	15	49	9	4.59	<2	0.15	79	0.75	505	1	5.76	44	0.04	5	0.04	<3	11	<10	289	0.41	<2	14	<10	19	293
794265	0.4	8.71	10	58	3.0	<2	2.09	<0.5	166	19	64	36	4.82	<2	0.20	69	0.69	534	<1	5.03	41	0.04	5	0.04	<3	<10	<10	264	0.38	2	8	<10	22	279
794266	0.3	9.09	13	60	4.9	<2	2.51	<0.5	143	24	67	9	5.36	<2	0.23	60	0.86	622	2	5.10	88	0.19	2	0.03	<3	<10	<10	323	0.74	4	28	<10	22	313
794267	0.6	8.57	8	47	3.7	<2	5.19	0.5	121	35	49	<5	7.63	4	0.24	48	1.44	1038	13	4.37	53	0.38	4	0.02	<3	11	<10	303	1.22	7	55	<10	36	408
794268	0.7	8.72	9	75	3.7	<2	4.71	<0.5	121	37	37	<5	8.32	<2	0.39	47	1.43	1079	1	4.32	13	0.43	7	0.04	<3	10	<10	389	1.35	7	66	<10	40	407
794268 DUP-P	0.9	8.81	10	77	3.6	<2	4.82	<0.5	120	36	39	<5	8.26	<2	0.40	48	1.43	1075	1	4.44	12	0.43	8	0.02	<3	<10	<10	395	1.36	5	67	<10	40	404
794269	0.5	8.03	12	78	2.6	<2	5.49	<0.5	92	56	273	51	7.66	<2	0.43	37	1.53	941	<1	3.87	338	0.24	10	0.10	<3	23	<10	348	1.12	7	85	<10	41	311
794270	0.3	8.46	16	114	1.7	<2	3.51	<0.5	26	80	650	81	>10.00	<2	0.68	11	2.20	1125	1	2.83	696	0.07	11	0.16	<3	13	<10	370	1.46	11	231	<10	52	97
794271	0.3	8.09	6	105	0.9	<2	5.01	<0.5	26	60	428	147	8.92	<2	0.39	11	1.50	1034	<1	2.59	332	0.08	9	0.13	<3	20	<10	630	1.40	9	192	<10	39	98

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	0.2	8.11	15	177	0.8	<2	0.19	<0.5	35	30	555	361	>10.00	<2	0.39	16	0.25	478	3	0.10	240	0.04	23	0.06	<3	<10	<10	32	0.78	3	230	<10	47	135
794272	0.4	8.52	12	117	0.8	<2	5.62	<0.5	32	65	372	23	9.69	3	0.61	13	2.28	1167	1	2.48	351	0.10	8	0.04	<3	<10	<10	553	1.51	10	222	<10	43	103
794273	0.3	5.18	16	24	0.7	<2	4.79	<0.5	17	113	830	114	9.52	<2	0.09	7	8.80	1183	1	0.66	1094	0.05	9	0.13	3	<10	13	66	0.87	12	139	<10	71	57
794274	0.2	3.57	9	<5	0.6	<2	4.96	<0.5	10	108	907	58	8.62	<2	0.01	5	>10.00	1015	<1	0.04	>1100	0.04	6	0.18	5	<10	<10	21	0.59	11	135	<10	68	25
794275	0.2	3.72	15	<5	0.5	<2	5.09	<0.5	9	112	1041	26	8.89	<2	0.01	4	>10.00	1089	<1	0.04	>1100	0.04	7	0.08	7	<10	<10	27	0.62	10	142	<10	74	22
794276	0.3	4.49	34	6	<0.5	2	4.82	<0.5	12	142	913	<5	9.45	<2	0.01	6	>10.00	1205	<1	0.04	>1100	0.04	9	0.03	6	10	<10	25	0.74	11	144	<10	79	41
794277	<0.2	3.94	31	<5	0.5	<2	5.79	<0.5	14	126	1025	<5	9.55	<2	0.01	6	>10.00	1356	<1	0.05	>1100	0.06	13	0.03	7	<10	12	25	0.63	10	142	<10	82	26
794278	0.2	4.48	24	7	<0.5	<2	4.93	<0.5	12	136	1171	82	>10.00	<2	0.03	6	8.89	1363	<1	0.05	>1100	0.04	13	0.11	9	<10	<10	20	0.76	13	129	<10	93	34
794278 DUP-C	0.2	4.86	25	7	<0.5	<2	4.57	<0.5	12	140	1201	75	>10.00	<2	0.05	5	8.81	1392	<1	0.05	>1100	0.03	10	0.14	5	<10	<10	19	0.82	12	124	<10	95	37
794279	0.3	7.88	9	65	0.9	<2	3.40	<0.5	25	78	537	79	>10.00	<2	0.30	11	4.29	1116	<1	1.72	502	0.07	12	0.09	<3	13	<10	279	1.40	10	188	<10	69	95
794280	0.3	9.06	7	93	1.7	<2	2.88	<0.5	33	63	307	97	9.59	3	0.25	13	2.78	922	<1	2.82	274	0.11	4	0.11	<3	15	<10	465	1.63	9	253	<10	51	128
794281	0.4	7.25	11	180	0.8	<2	3.78	<0.5	22	95	995	260	>10.00	<2	0.89	10	3.73	1296	1	1.27	889	0.04	12	0.30	<3	10	11	194	1.26	11	155	<10	80	85
794282	0.7	8.99	12	50	1.0	<2	3.19	<0.5	29	66	300	120	>10.00	2	0.17	12	2.96	1056	1	2.46	344	0.08	13	0.06	<3	19	<10	406	1.59	11	226	<10	54	124
794283	0.3	7.66	20	86	0.7	<2	2.99	<0.5	22	97	1063	142	>10.00	<2	0.39	10	3.38	1220	1	1.29	695	0.06	12	0.16	4	10	<10	258	1.30	11	233	<10	67	82
794284	0.2	6.85	18	64	0.7	<2	3.40	<0.5	23	121	1283	48	>10.00	<2	0.33	10	3.83	1352	<1	0.79	>1100	0.06	10	0.18	4	12	<10	175	1.17	12	234	<10	87	72
794285	0.3	8.13	10	105	0.8	<2	5.09	0.6	30	71	285	326	9.71	<2	0.40	12	2.51	1099	<1	2.18	344	0.07	9	0.13	<3	17	<10	503	1.47	10	219	<10	52	98
794286	0.4	7.41	14	79	1.0	<2	5.26	<0.5	26	67	341	42	8.69	<2	0.30	11	2.60	1076	<1	2.24	287	0.07	5	0.05	3	20	<10	460	1.30	8	218	<10	52	93
794287	0.3	9.15	11	48	1.3	<2	3.17	<0.5	31	46	184	19	7.93	<2	0.19	13	2.83	886	1	3.76	181	0.09	7	0.03	<3	14	<10	311	1.56	6	258	<10	48	101
794288	0.4	8.71	14	57	1.0	<2	5.56	<0.5	29	61	176	54	9.66	<2	0.23	12	2.78	1134	1	2.93	173	0.09	10	0.06	<3	11	<10	376	1.55	10	249	<10	63	100
794288 DUP-P	0.3	8.60	12	53	1.0	<2	5.52	<0.5	28	58	176	52	9.48	<2	0.22	12	2.73	1117	<1	2.90	167	0.09	8	0.06	<3	10	<10	377	1.53	8	245	<10	62	96
794289	0.3	8.17	13	87	1.0	<2	5.21	<0.5	24	67	418	71	9.35	2	0.35	10	2.26	1070	1	2.93	338	0.07	6	0.58	<3	10	13	428	1.36	9	243	<10	55	93
794290	0.2	7.60	16	74	0.9	<2	4.19	<0.5	23	91	732	43	10.00	2	0.33	10	2.70	1210	<1	2.38	671	0.06	11	0.17	<3	12	<10	233	1.21	10	222	<10	59	84
794291	0.2	6.74	20	37	0.9	<2	3.99	<0.5	18	85	632	12	9.99	<2	0.19	8	4.23	1374	<1	1.60	686	0.06	11	0.11	<3	10	12	122	1.08	9	212	<10	75	65
794292	0.5	7.51	7	106	1.1	<2	4.97	<0.5	21	78	476	85	9.41	<2	0.45	10	1.95	1244	1	2.94	523	0.08	11	0.49	<3	<10	<10	316	1.23	9	204	<10	59	37
794293	0.4	7.68	12	120	1.5	<2	3.83	<0.5	25	74	378	61	8.80	<2	0.52	10	2.31	1022	1	2.93	395	0.09	7	0.24	<3	17	<10	250	1.29	7	230	<10	55	96
794294	0.3	7.07	17	115	1.1	<2	3.98	<0.5	18	95	597	34	>10.00	<2	0.60	8	3.57	1260	<1	2.20	682	0.05	8	0.20	<3	15	<10	143	1.13	10	217	<10	72	65
794295	0.3	7.19	20	52	0.9	<2	4.17	<0.5	21	81	621	17	9.29	<2	0.27	9	3.85	1188	<1	2.42	689	0.08	9	0.10	<3	18	<10	139	1.18	9	244	<10	66	73
794296	0.3	7.35	18	67	1.2	<2	5.11	<0.5	22	79	483	33	9.75	<2	0.33	10	3.73	1365	1	2.36	582	0.08	7	0.12	<3	19	<10	209	1.20	11	210	<10	74	83
794297	0.5	7.71	15	72	1.9	<2	4.88	<0.5	87	44	169	22	7.36	<2	0.44	34	2.57	960	<1	3.01	171	0.18	4	0.04	<3	<10	<10	315	0.96	6	103	<10	51	327
794298	0.7	8.01	10	142	1.9	<2	5.46	<0.5	53	63	262	43	8.75	<2	0.59	22	2.30	1181	1	2.53	158	0.15	5	0.22	<3	20	<10	476	1.55	8	261	<10	55	188
794298 DUP-C	0.6	8.11	10	135	2.0	<2	5.47	<0.5	50	68	290	40	8.88	<2	0.60	19	2.58	1200	1	2.52	165	0.14	5	0.29	<3	18	<10	425	1.55	9	264	<10	60	178
794299	0.4	7.24	18	167	2.2	<2	4.98	<0.5	50	55	382	23	9.67	<2	0.78	21	3.41	1357	<1	2.02	366	0.09	5	0.24	<3	14	<10	260	1.18	9	170	<10	76	196
794300	0.2	4.67	8	92	1.9	<2	1.95	<0.5	76	19	256	25	5.30	<2	0.37	33	1.79	633	2	1.59	95	0.06	5	0.35	6	<10	<10	146	0.37	3	55	<10	39	115
794301	0.7	9.56	10	166	3.8	<2	3.04	<0.5	156	37	89	224	8.41	<2	0.50	72	1.20	578	2	4.35	27	0.44	9	2.62	<3	<10	15	606	1.18	7	59	<10	73	302
794302	0.4	7.60	10	210	1.6	<2	7.00	0.7	65	34	108	48	7.90	<2	0.91	30	2.85	1546	2	2.30	58	0.20	5	0.19	<3	<10	<10	424	1.45	6	153	<10	72	90
794303	0.4	8.36	7	321	1.7	<2	6.34	0.5	71	35	75	34	8.31	<2	1.30	33	3.02	1547	3	2.20	49	0.22	10	0.12	<3	<10	<10	624	1.59	9	168	<10	71	103
794304	0.4	8.63	10	289	1.7	<2	4.56	<0.5	77	26	44	53	8.45	<2	1.16	35	3.01	1140	1	2.49	25	0.24	8	0.45	<3	<10	<10	612	1.69	9	172	<10	63	136
794305	0.4	7.90	9	250	1.5	<2	4.64	0.5	66	30	53	150	8.48	<2	1.12	31	2.69	1036	2	2.40	23	0.21	5	0.94	<3	<10	10	547	1.49	8	154	<10	56	86
794306	0.5	7.66	7	252	1.8	<2	6.11	0.5	67	34	58	62	8.10	<2	1.23	31	2.65	1184	1	1.86	27	0.21	307	0.57	<3	<10	<10	757	1.43	8	150	<10	54	139

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
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EASTERN Analytical

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BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	<0.2	6.56	17	244	0.7	<2	0.06	<0.5	22	60	1001	750	>10.00	<2	0.32	10	0.17	556	1	0.06	438	0.03	19	0.05	<3	<10	<10	17	0.54	2	306	<10	48	105
794307	0.3	8.74	5	266	1.8	<2	5.88	<0.5	77	32	58	30	8.50	<2	1.39	35	2.96	1274	1	2.12	23	0.25	7	0.33	<3	<10	<10	794	1.64	8	158	<10	58	131
794308	0.5	8.81	8	324	2.0	<2	3.88	<0.5	81	30	38	107	9.17	<2	2.03	37	2.84	889	1	2.64	18	0.26	7	1.12	<3	<10	11	715	1.64	8	148	<10	53	123
794308 DUP-P	0.6	9.06	10	331	1.9	<2	4.09	<0.5	84	31	39	113	9.30	<2	2.11	38	2.92	912	1	2.74	18	0.27	8	1.10	<3	<10	13	747	1.69	10	152	<10	54	124
794309	0.5	8.95	5	264	1.8	<2	3.60	0.5	88	26	47	120	9.52	<2	1.67	40	2.31	653	<1	3.00	11	0.29	10	1.48	<3	<10	<10	808	1.65	8	128	<10	44	179
794310	0.5	8.12	7	227	1.6	3	3.44	<0.5	78	21	64	185	9.48	<2	1.42	34	2.07	582	1	2.71	9	0.26	7	1.67	<3	<10	<10	720	1.41	9	117	<10	42	167
794311	0.6	8.52	10	110	1.6	<2	2.82	<0.5	85	28	48	558	9.46	<2	0.66	38	3.12	583	1	3.00	16	0.29	11	2.18	<3	<10	<10	279	1.55	8	124	<10	38	203
794312	0.4	6.82	7	191	1.5	<2	2.57	<0.5	71	56	214	755	>10.00	<2	0.98	33	1.84	342	<1	2.36	61	0.27	11	5.06	<3	<10	11	319	1.41	13	156	<10	31	135
794313	0.4	6.91	7	158	1.9	<2	2.78	<0.5	70	61	132	631	>10.00	<2	0.99	32	1.68	338	1	2.29	52	0.26	11	4.61	<3	<10	<10	338	1.38	12	122	<10	29	148
794314	0.5	6.45	8	210	1.4	<2	2.72	<0.5	59	82	248	817	>10.00	<2	1.33	27	1.57	353	1	1.75	79	0.23	16	5.78	<3	<10	18	206	1.36	15	165	<10	33	109
794315	0.4	6.65	9	213	1.2	<2	2.81	0.5	60	73	231	650	>10.00	<2	1.51	28	1.50	309	<1	1.73	87	0.20	11	6.27	<3	<10	11	201	1.37	14	165	<10	36	107
794316	0.5	7.08	5	236	1.5	<2	2.99	0.6	64	63	243	610	>10.00	<2	1.61	30	1.57	348	<1	1.86	75	0.21	16	5.49	<3	<10	<10	224	1.46	14	197	<10	37	112
794317	0.5	6.66	<5	238	1.6	<2	2.71	<0.5	64	55	262	432	>10.00	<2	1.26	31	1.98	535	1	1.58	54	0.23	14	4.48	<3	<10	<10	174	1.38	13	197	<10	38	128
794318	0.4	6.70	7	232	2.1	<2	3.15	<0.5	80	77	112	709	>10.00	<2	1.00	38	1.12	537	1	2.53	25	0.22	11	5.29	<3	<10	12	254	1.08	12	89	<10	28	142
794318 DUP-C	0.5	6.60	6	229	1.8	<2	3.10	<0.5	77	81	123	693	>10.00	2	0.84	37	1.00	541	1	2.20	28	0.19	11	6.83	<3	<10	10	245	1.00	13	83	<10	29	125
794319	0.4	7.84	<5	209	2.2	<2	2.45	0.5	79	52	68	422	>10.00	<2	0.79	36	1.57	519	2	3.03	11	0.28	9	4.25	<3	<10	<10	231	1.39	9	111	<10	29	136
794320	0.4	7.74	7	184	2.3	<2	2.71	<0.5	73	37	87	356	9.88	<2	0.81	31	1.21	337	1	3.16	16	0.24	8	3.80	<3	<10	<10	268	1.35	10	103	<10	36	72
794321	0.6	7.24	5	144	2.2	<2	2.36	<0.5	79	76	77	718	>10.00	<2	0.61	36	0.94	337	1	3.16	26	0.25	19	7.53	<3	<10	<10	230	1.37	15	114	<10	30	158
794322	0.4	7.34	10	148	1.2	<2	3.02	<0.5	46	54	412	191	>10.00	<2	0.52	20	2.33	1083	1	2.11	271	0.15	13	2.21	<3	<10	<10	156	1.30	11	172	<10	42	127
794323	0.3	6.42	17	170	1.4	<2	4.03	0.5	25	79	730	38	>10.00	<2	0.59	11	2.63	1741	1	1.10	601	0.07	13	0.53	<3	<10	<10	109	0.94	10	211	<10	64	63
794324	0.5	6.92	9	279	3.3	<2	1.31	<0.5	122	21	187	6	8.04	<2	0.65	49	1.67	908	1	1.71	96	0.05	9	0.09	<3	<10	<10	149	0.64	5	105	<10	37	385
794325	0.6	8.03	7	188	3.9	<2	0.82	<0.5	127	20	131	5	9.38	<2	0.43	49	1.76	890	1	2.48	91	0.06	10	0.11	<3	<10	<10	154	0.74	6	114	<10	46	423
794326	<0.2	8.32	9	239	4.1	<2	0.75	<0.5	113	21	163	<5	8.83	2	0.52	48	1.63	911	1	2.67	108	0.06	7	0.06	<3	<10	<10	148	0.81	5	119	<10	39	62
794327	0.4	7.83	9	163	4.5	<2	0.88	<0.5	123	19	137	11	8.34	<2	0.43	51	1.92	1021	1	2.59	89	0.07	8	0.38	<3	<10	<10	155	0.76	5	117	<10	36	256
794328	0.6	7.86	7	145	3.8	<2	0.94	<0.5	146	15	102	24	6.36	<2	0.38	57	1.24	763	1	3.42	62	0.06	5	0.54	<3	<10	<10	186	0.55	3	64	<10	28	472
794328 DUP-P	0.5	7.99	7	157	4.0	<2	1.04	<0.5	158	15	107	26	6.74	<2	0.41	60	1.34	790	2	3.66	67	0.06	3	0.57	<3	<10	<10	199	0.59	4	69	<10	30	499
794329	0.7	7.57	5	123	3.9	<2	1.02	0.6	137	17	102	21	8.19	<2	0.28	55	1.26	1145	2	3.02	61	0.05	7	0.40	<3	<10	<10	167	0.51	5	61	<10	58	451
794330	0.8	7.36	7	171	3.0	<2	2.03	<0.5	118	33	71	236	9.96	<2	0.60	48	1.22	800	1	2.87	33	0.13	10	2.39	<3	<10	<10	198	0.84	8	71	<10	49	373
794331	0.4	7.81	10	199	4.3	<2	1.80	1.0	153	8	85	52	6.99	<2	0.33	63	0.84	1342	2	3.75	29	0.04	6	1.26	<3	<10	<10	219	0.40	4	25	<10	202	307
794332	0.6	7.47	12	109	3.5	<2	1.58	1.0	140	15	96	19	5.95	<2	0.23	56	1.32	1192	2	3.53	67	0.05	3	0.35	<3	<10	<10	195	0.51	3	55	<10	210	409
794333	0.3	5.39	9	77	1.1	<2	4.10	<0.5	19	76	586	60	9.06	<2	0.46	8	4.73	1819	1	0.38	601	0.05	7	0.46	<3	<10	<10	94	0.86	10	144	<10	132	68
794334	0.2	6.75	5	76	1.0	<2	4.12	<0.5	21	63	298	48	8.87	<2	0.32	9	3.73	1795	<1	1.39	261	0.07	9	0.33	<3	<10	<10	197	1.05	8	196	<10	111	59
794335	0.3	6.04	9	99	0.8	<2	5.88	<0.5	29	65	365	55	8.74	<2	0.70	13	4.96	1498	<1	0.36	395	0.09	9	0.27	<3	<10	<10	174	1.13	8	199	<10	111	57
794336	0.3	7.19	7	104	1.0	<2	4.06	0.6	35	75	422	70	9.64	<2	0.58	16	5.57	1760	<1	0.57	415	0.09	11	0.29	<3	<10	<10	134	1.35	10	231	<10	126	76
794337	0.5	8.36	10	265	2.7	<2	2.33	<0.5	97	39	119	38	9.36	<2	0.83	40	2.34	1540	1	2.25	93	0.16	8	0.22	<3	<10	10	289	1.35	8	175	<10	126	237
794338	0.7	8.38	7	316	2.7	<2	2.25	<0.5	98	40	133	37	9.59	<2	0.98	39	2.33	1607	3	2.22	101	0.16	8	0.38	<3	<10	<10	233	1.36	8	183	<10	114	338
794338 DUP-C	0.6	8.05	8	315	2.5	<2	2.22	0.5	95	38	137	35	9.39	<2	0.88	37	2.49	1626	2	2.10	95	0.15	7	0.35	<3	<10	<10	215	1.32	8	175	<10	114	348
794339	0.4	7.54	6	306	2.0	<2	2.99	0.5	70	59	289	221	>10.00	<2	1.35	30	2.17	949	<1	2.04	229	0.17	7	2.42	<3	<10	<10	206	1.15	10	152	<10	60	163
794340	0.3	6.00	8	182	1.7	<2	2.29	0.7	61	37	125	271	>10.00	<2	0.80	27	1.84	495	1	1.54	12	0.18	11	3.20	<3	<10	15	144	1.03	10	79	<10	42	52

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.6	7.33	9	428	2.6	20	0.47	0.5	84	25	75	4239	6.74	<2	2.35	41	1.76	961	1	0.29	37	0.06	78	0.68	<3	<10	12	45	0.40	3	89	<10	343	106
794341	0.5	7.68	8	231	2.5	<2	2.38	<0.5	81	49	70	549	>10.00	<2	0.88	36	1.48	443	1	2.87	16	0.24	11	4.99	<3	<10	<10	232	1.38	11	111	<10	30	160
794342	0.5	7.01	5	181	2.1	<2	2.01	<0.5	74	64	74	541	>10.00	<2	0.62	34	1.10	418	1	2.84	21	0.26	15	6.64	<3	<10	<10	205	1.33	15	110	<10	34	139
794343	0.3	7.40	10	196	1.4	<2	2.71	<0.5	49	46	245	92	8.80	<2	0.77	20	3.24	1466	1	1.76	175	0.15	9	0.63	<3	<10	<10	201	1.21	8	206	<10	62	156
794832	0.3	6.90	10	233	1.8	<2	6.33	0.8	71	43	237	69	7.30	<2	1.31	33	2.33	2658	2	1.37	148	0.12	13	0.71	<3	<10	<10	185	1.10	8	145	<10	106	137
794833	0.3	9.52	6	918	2.7	<2	3.09	0.5	83	36	130	78	6.84	<2	3.81	39	1.90	2694	4	0.97	75	0.09	17	0.71	<3	<10	10	111	0.77	9	218	<10	122	117
794834	0.4	5.26	10	383	2.3	<2	9.36	1.2	52	34	213	75	5.17	<2	1.74	26	1.25	4106	1	0.67	95	0.08	24	0.60	<3	<10	<10	137	0.64	5	127	<10	80	84
794835	0.3	9.76	10	433	3.3	<2	0.90	0.6	82	28	168	77	6.47	<2	3.44	39	1.65	2365	9	0.52	60	0.07	20	0.81	<3	<10	<10	79	0.49	9	223	<10	126	106
794836	0.4	7.97	7	371	2.8	<2	0.75	0.5	76	26	186	74	5.82	<2	3.09	36	1.39	2615	4	0.41	53	0.05	30	0.82	<3	<10	<10	63	0.42	7	169	<10	111	89
794836 DUP-P	0.5	8.14	8	383	2.8	<2	0.78	<0.5	78	26	186	77	5.97	<2	3.20	37	1.42	2655	4	0.43	55	0.05	30	0.81	<3	<10	<10	65	0.44	8	172	<10	111	92
794837	0.4	9.69	6	479	3.6	<2	0.84	<0.5	92	31	115	94	6.83	<2	3.90	43	1.71	2576	5	0.52	62	0.07	19	1.00	<3	<10	<10	75	0.54	10	223	<10	133	114
794838	0.3	10.79	9	572	3.6	<2	0.86	0.7	104	33	110	93	7.38	<2	4.27	49	1.99	2610	5	0.56	67	0.07	14	1.02	<3	<10	<10	77	0.61	11	249	<10	122	130
794839	0.4	9.14	7	396	4.3	<2	1.33	<0.5	83	28	211	76	6.27	<2	2.90	40	1.58	2579	5	0.90	62	0.07	20	0.79	3	<10	<10	125	0.51	8	184	<10	118	116
794840	0.4	10.23	10	531	3.2	<2	0.68	1.3	101	32	137	82	6.73	<2	3.95	47	1.75	2575	4	0.49	61	0.08	13	0.92	<3	<10	<10	68	0.56	9	229	<10	143	126
794841	0.3	9.98	6	463	3.6	<2	0.66	<0.5	87	30	127	91	6.46	<2	3.56	38	1.39	2477	4	0.53	53	0.06	12	1.12	<3	<10	<10	79	0.43	8	189	<10	81	91
794842	0.4	7.58	8	34	1.4	<2	1.89	0.5	64	28	300	60	9.33	2	0.19	26	3.40	885	1	2.11	178	0.20	9	0.75	<3	<10	<10	80	1.12	9	144	<10	42	155
794843	0.3	6.95	8	29	1.2	<2	1.57	0.5	26	63	268	178	>10.00	<2	0.23	11	4.19	1060	<1	1.04	192	0.10	15	1.91	<3	<10	<10	59	1.17	12	233	<10	64	78
794844	0.6	9.46	8	323	2.8	<2	2.33	<0.5	111	44	135	100	9.01	<2	1.17	49	3.61	911	1	1.99	132	0.27	6	0.79	<3	<10	<10	280	1.46	9	166	<10	36	302
794845	0.6	9.01	8	235	2.3	<2	2.58	<0.5	133	39	37	426	9.46	<2	0.94	58	1.97	610	1	3.37	32	0.51	9	2.98	<3	<10	<10	260	1.31	7	64	<10	29	319
794846	0.7	9.10	10	212	2.8	<2	1.57	<0.5	135	28	43	373	9.41	<2	0.71	58	2.47	477	1	3.54	21	0.29	7	2.87	<3	<10	<10	180	1.07	7	82	<10	30	326
794846 DUP-C	0.6	9.07	8	200	2.6	<2	1.57	<0.5	138	26	41	344	8.93	<2	0.64	59	2.38	452	1	3.69	20	0.29	4	2.66	<3	<10	<10	180	1.03	6	71	<10	29	316
794847	0.3	7.84	9	27	1.4	<2	1.32	0.6	53	32	156	174	9.80	<2	0.09	23	4.70	727	<1	1.87	79	0.23	9	1.18	<3	<10	13	92	1.13	9	177	<10	51	105
794848	0.2	7.41	<5	37	1.3	<2	1.37	<0.5	26	27	198	202	>10.00	<2	0.20	12	4.15	701	<1	1.66	68	0.10	6	1.54	<3	<10	<10	87	1.23	10	219	<10	46	43
794849	0.2	7.68	9	109	1.3	<2	1.60	<0.5	42	31	163	320	>10.00	<2	0.50	19	4.35	731	<1	1.58	46	0.15	6	2.11	<3	<10	<10	82	1.32	10	243	<10	45	72
794850	1.0	9.49	7	223	3.3	<2	2.90	<0.5	149	37	51	460	8.29	<2	1.32	69	1.36	293	1	4.42	16	0.44	6	3.03	<3	<10	<10	352	1.24	7	73	<10	23	252
794851	0.5	8.86	9	126	3.1	<2	3.05	<0.5	142	46	52	343	7.93	<2	1.01	67	0.94	194	1	4.48	11	0.40	6	3.19	<3	<10	<10	346	1.09	6	50	<10	20	285
794852	0.7	9.29	7	85	2.8	<2	2.79	<0.5	152	46	44	282	8.35	<2	0.66	72	1.00	294	2	5.14	5	0.42	4	3.40	<3	<10	<10	363	1.09	7	40	<10	22	331
794853	0.5	8.82	6	83	2.9	<2	2.45	<0.5	147	30	54	432	8.14	<2	0.64	68	1.01	275	1	5.01	4	0.41	6	3.35	<3	<10	12	370	1.01	6	31	<10	23	325
794854	0.6	10.55	8	121	3.4	<2	2.68	<0.5	154	27	53	296	8.75	<2	0.93	71	1.02	281	1	4.77	5	0.40	13	3.80	<3	<10	10	448	0.97	7	36	<10	26	295
794855	0.6	9.51	7	109	3.2	<2	2.54	<0.5	156	24	51	366	8.58	<2	0.77	74	0.98	276	1	4.98	3	0.44	8	3.80	<3	<10	<10	375	1.08	7	37	<10	36	327
794856	0.4	9.97	11	267	3.6	<2	3.42	<0.5	172	24	44	364	7.81	<2	1.88	82	1.06	375	2	4.59	4	0.48	8	3.41	<3	<10	<10	378	1.18	6	45	<10	47	310
794856 DUP-P	0.5	9.86	10	255	3.4	<2	3.39	<0.5	172	25	43	362	7.69	<2	1.87	81	1.05	369	2	4.57	6	0.47	6	3.32	<3	<10	<10	373	1.15	5	44	<10	47	308
794857	0.6	9.03	7	188	2.9	<2	3.51	<0.5	136	30	35	435	9.76	<2	1.05	62	1.82	479	2	4.10	5	0.62	8	3.81	<3	<10	11	375	1.46	8	80	<10	35	305
794858	0.4	8.39	8	79	2.3	<2	5.42	<0.5	115	27	26	127	8.81	<2	0.55	52	2.89	1237	1	3.19	4	0.65	9	1.55	<3	<10	<10	282	1.50	7	82	<10	45	171
794859	0.3	8.71	7	62	2.0	<2	3.86	<0.5	119	23	39	93	8.15	<2	0.53	53	3.91	1022	3	3.13	13	0.66	10	0.78	<3	<10	12	155	1.58	6	95	<10	43	179
794860	0.4	7.49	13	142	1.8	<2	5.83	0.5	87	40	144	382	>10.00	<2	1.22	41	4.21	965	<1	1.42	89	0.29	10	2.57	<3	<10	<10	159	1.52	10	170	<10	50	166
794861	0.4	7.39	8	77	1.4	<2	4.12	<0.5	76	43	164	<5	8.46	<2	0.75	39	6.37	1199	<1	0.58	83	0.25	5	0.02	<3	<10	<10	60	1.45	10	202	<10	53	114
794862	0.3	7.56	8	200	2.4	<2	6.75	<0.5	115	38	99	44	7.21	3	1.46	58	3.76	1053	1	1.82	40	0.27	5	0.42	<3	<10	<10	210	1.09	8	126	<10	41	178
794863	0.4	9.17	5	228	2.4	<2	5.47	<0.5	138	30	67	8	7.87	3	1.77	69	4.52	959	<1	2.24	31	0.36	6	0.09	<3	<10	13	240	1.39	7	125	<10	49	195

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Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.3	6.95	17	266	0.6	<2	0.08	<0.5	22	60	991	793	>10.00	<2	0.35	12	0.17	553	2	0.07	425	0.03	20	0.05	<3	<10	<10	17	0.57	2	319	<10	50	104
794864	0.3	8.97	5	128	1.8	<2	4.28	<0.5	94	40	132	<5	9.39	<2	0.90	46	7.17	1240	1	1.26	88	0.31	6	0.01	<3	<10	<10	84	1.74	10	220	<10	66	148
794865	0.4	9.15	6	285	3.0	<2	4.50	<0.5	148	25	78	87	7.78	<2	2.36	74	3.95	843	<1	3.01	34	0.30	5	0.68	<3	<10	<10	244	1.25	7	104	<10	49	211
794866	0.5	6.71	<5	196	1.7	<2	4.18	<0.5	90	74	262	953	>10.00	<2	1.64	47	3.58	882	<1	2.00	204	0.19	17	6.42	<3	<10	<10	100	1.47	17	118	<10	65	111
794866 DUP-C	0.3	6.65	<5	187	1.6	<2	4.44	<0.5	88	67	241	934	>10.00	<2	1.52	46	3.56	886	<1	1.92	192	0.18	14	5.69	<3	<10	10	108	1.44	18	115	<10	61	109
794867	0.5	5.81	6	129	1.5	<2	3.11	<0.5	76	62	264	817	>10.00	<2	1.13	39	2.63	589	<1	2.00	179	0.16	12	7.14	<3	<10	11	69	1.27	17	86	<10	47	97
794868	0.4	5.20	<5	149	1.7	3	2.59	<0.5	65	58	359	1022	>10.00	<2	1.34	34	1.69	377	<1	1.83	196	0.14	16	7.19	<3	<10	15	88	1.13	16	77	<10	40	47
794869	0.4	5.86	6	184	1.8	<2	3.10	<0.5	78	61	313	1074	>10.00	<2	1.71	41	2.93	611	<1	1.55	210	0.17	14	6.20	<3	<10	<10	73	1.27	19	99	<10	53	131
794870	0.4	5.59	5	93	1.4	5	4.04	<0.5	72	105	292	1495	>10.00	<2	0.81	40	2.21	597	<1	2.16	336	0.17	19	7.73	<3	<10	13	61	1.29	21	88	<10	49	105
794871	0.5	5.80	12	83	1.5	<2	4.89	<0.5	74	102	302	1447	>10.00	<2	0.69	40	2.51	810	1	2.06	296	0.19	18	7.08	<3	<10	15	65	1.30	20	89	<10	51	101
794872	0.4	5.99	7	82	1.3	<2	9.91	<0.5	75	55	235	497	>10.00	3	0.62	39	2.32	1368	1	1.15	141	0.11	8	3.55	3	<10	14	174	1.25	11	111	<10	37	80
794873	0.5	6.20	5	61	2.1	2	6.62	<0.5	71	89	257	749	>10.00	<2	0.42	37	2.24	1114	<1	2.23	164	0.17	12	5.42	<3	<10	12	115	1.30	14	112	<10	41	126
794874	0.4	4.04	9	79	1.3	4	8.17	<0.5	42	120	343	1391	>10.00	3	0.60	23	1.79	1201	<1	0.51	211	0.14	23	9.03	<3	<10	14	143	0.91	23	123	<10	49	77
794875	0.5	5.32	6	50	1.5	3	7.85	0.6	61	65	352	986	>10.00	<2	0.36	32	2.34	1236	<1	1.38	131	0.11	14	5.25	<3	<10	<10	139	1.21	17	94	<10	49	95
794876	0.6	5.36	7	43	1.4	3	5.68	<0.5	70	57	284	733	>10.00	<2	0.41	36	2.99	959	<1	1.47	139	0.16	18	5.24	<3	<10	<10	93	1.25	18	133	<10	51	153
794876 DUP-P	0.5	5.49	6	41	1.4	7	5.83	<0.5	73	58	282	752	>10.00	<2	0.42	38	3.07	986	1	1.51	143	0.17	15	5.40	<3	<10	<10	96	1.27	16	137	<10	52	158
794877	0.5	7.18	6	193	1.7	<2	2.93	<0.5	88	41	311	672	>10.00	<2	1.82	45	3.09	688	1	2.08	108	0.16	17	4.34	<3	<10	11	103	1.58	15	160	<10	53	177
794878	0.6	10.55	7	327	2.9	<2	3.78	<0.5	147	26	60	197	6.11	<2	1.74	69	1.27	614	1	4.63	23	0.41	4	1.49	<3	<10	14	354	1.87	4	189	<10	26	232
794879	0.5	9.65	7	206	1.6	<2	3.90	<0.5	78	54	56	236	8.70	<2	1.12	35	1.91	748	1	4.13	39	0.29	6	2.32	<3	<10	<10	218	2.52	8	330	<10	37	145
794880	0.3	8.24	5	173	2.9	<2	2.72	<0.5	89	48	492	160	9.81	3	1.14	40	2.97	1033	<1	2.40	378	0.10	7	1.61	<3	<10	<10	206	1.30	8	160	<10	71	171
794881	0.2	9.13	9	173	4.0	<2	2.07	<0.5	111	25	169	68	7.72	<2	1.07	51	1.30	789	1	3.91	98	0.10	8	1.22	<3	<10	<10	312	0.96	6	111	<10	45	64
794882	0.4	8.65	6	452	2.9	<2	4.99	<0.5	99	45	85	229	>10.00	<2	2.02	49	2.11	1824	1	1.84	30	0.35	11	1.79	<3	<10	10	256	1.48	12	119	<10	130	94
794883	0.2	6.70	9	40	1.3	<2	13.61	<0.5	76	33	206	24	7.95	<2	0.32	39	1.92	2106	<1	0.13	127	0.18	7	0.14	<3	<10	11	405	1.29	6	98	<10	57	50
794884	0.2	5.89	9	44	2.1	<2	13.41	<0.5	65	60	184	206	9.07	<2	0.45	35	1.78	1939	<1	0.15	108	0.18	9	1.15	<3	<10	<10	332	1.21	9	97	<10	49	48
794885	0.2	5.82	10	52	1.0	<2	13.52	<0.5	62	44	153	84	7.89	<2	0.39	32	1.72	1875	<1	0.19	102	0.16	7	0.41	<3	<10	<10	341	1.26	7	101	<10	48	39
794886	0.2	6.22	6	64	1.0	<2	12.76	<0.5	68	55	158	39	8.59	2	0.44	35	1.85	1844	<1	0.37	90	0.19	5	0.29	<3	<10	<10	292	1.45	6	147	<10	49	44
794886 DUP-C	0.3	6.11	8	63	0.9	<2	12.82	<0.5	67	57	165	37	8.45	<2	0.43	35	1.82	1833	<1	0.38	88	0.19	5	0.28	<3	<10	11	289	1.42	6	145	<10	49	48
794887	0.2	6.62	10	76	0.9	<2	14.17	<0.5	70	50	168	29	8.32	<2	0.72	37	1.71	1659	<1	0.09	105	0.18	5	0.19	<3	<10	<10	337	1.45	9	111	<10	46	56
794888	0.3	7.92	7	170	2.2	<2	7.86	<0.5	90	46	104	12	7.61	<2	1.20	47	2.09	1083	<1	2.05	62	0.26	4	0.09	<3	<10	<10	323	1.50	8	124	<10	44	85
794889	0.4	8.35	10	231	2.0	<2	5.91	<0.5	102	61	63	390	7.31	<2	1.57	52	1.64	676	<1	2.62	33	0.29	2	0.22	<3	<10	<10	402	1.46	7	115	<10	37	103
794890	0.2	8.10	6	192	1.8	<2	6.81	<0.5	99	64	62	303	8.88	<2	1.31	49	1.45	712	<1	2.05	30	0.32	6	1.19	<3	<10	12	535	1.45	10	116	<10	35	114
794891	0.3	8.95	8	190	2.3	<2	4.76	<0.5	115	30	46	52	7.33	<2	1.60	57	1.81	473	1	2.77	30	0.32	4	0.26	<3	<10	<10	486	1.57	6	123	<10	28	172
794892	0.4	8.88	7	206	2.2	<2	5.61	<0.5	112	39	51	127	8.37	<2	1.81	57	1.64	529	<1	2.21	31	0.33	5	0.92	<3	<10	<10	591	1.55	9	123	<10	29	118
794893	0.3	9.34	7	113	2.5	<2	5.60	<0.5	128	27	67	25	8.59	2	1.23	65	1.78	704	1	1.80	25	0.31	8	0.17	<3	<10	<10	566	1.50	9	115	<10	30	113
794894	0.4	10.87	9	439	5.3	<2	2.62	<0.5	175	38	40	8	9.33	<2	2.53	83	1.01	886	1	2.01	9	0.44	6	0.04	<3	<10	<10	257	1.20	8	51	<10	35	221
794895	0.4	12.26	7	875	3.6	<2	1.20	<0.5	91	40	48	12	>10.00	<2	4.86	39	0.39	1496	2	0.55	45	0.21	6	0.08	<3	<10	12	149	3.18	13	440	<10	42	97
794896	0.4	11.76	7	646	3.9	<2	1.81	<0.5	98	57	71	18	>10.00	<2	3.85	44	0.45	1676	1	1.14	46	0.13	6	0.21	<3	<10	12	265	3.23	14	505	<10	50	132
794896 DUP-P	0.5	12.25	8	677	4.1	<2	1.93	<0.5	104	57	55	18	>10.00	<2	4.11	47	0.46	1724	2	1.22	44	0.14	8	0.20	<3	<10	<10	279	3.34	15	524	<10	51	128
794897	0.7	11.20	6	616	2.5	<2	1.30	<0.5	96	73	53	8	>10.00	<2	3.58	42	0.80	1876	1	1.20	52	0.16	9	0.07	<3	<10	<10	130	2.98	14	424	<10	57	339

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical

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P.O. Box 187
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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	0.2	8.22	13	185	0.9	<2	0.20	<0.5	37	31	561	385	>10.00	<2	0.42	17	0.26	492	2	0.11	225	0.04	24	0.06	<3	<10	<10	32	0.80	3	228	<10	44	134
794898	0.4	9.21	8	62	2.2	<2	3.15	<0.5	75	57	60	91	>10.00	<2	0.45	35	2.23	1982	1	2.09	35	0.24	8	0.64	<3	<10	<10	210	2.42	12	368	<10	65	152
794899	0.6	8.61	6	142	2.2	<2	2.78	0.5	77	42	104	34	9.44	<2	0.93	33	1.45	1700	1	2.38	35	0.21	5	0.37	<3	<10	10	235	2.28	8	279	<10	56	223
794900	0.4	9.37	10	150	2.1	<2	3.34	<0.5	81	58	57	85	>10.00	<2	0.85	37	2.00	1974	1	2.22	38	0.25	9	0.90	<3	<10	<10	230	2.52	12	374	<10	71	140
794901	0.5	9.05	8	115	2.8	<2	3.28	<0.5	69	43	62	70	9.65	<2	0.60	32	1.47	1618	1	2.96	36	0.20	8	1.01	<3	<10	14	312	2.34	8	218	<10	55	98
794902	0.5	8.55	9	72	2.0	<2	3.17	<0.5	73	58	55	77	>10.00	<2	0.36	33	2.13	2051	1	2.16	34	0.23	8	1.07	<3	<10	<10	261	2.27	12	348	<10	66	151
794903	0.4	8.96	6	72	2.5	<2	3.71	<0.5	75	56	65	88	9.57	2	0.35	33	1.59	1573	<1	2.79	36	0.22	9	0.99	<3	<10	<10	394	2.27	9	202	<10	52	188
794904	0.5	9.07	5	93	2.7	<2	3.84	<0.5	82	47	58	75	9.48	<2	0.53	39	1.71	1615	1	2.86	27	0.24	5	0.72	<3	<10	12	402	2.42	9	239	<10	52	148
794905	0.4	8.11	8	40	2.1	<2	5.08	<0.5	73	49	50	29	9.57	<2	0.24	33	2.24	1898	1	1.75	28	0.23	6	0.33	<3	<10	<10	367	2.12	9	322	<10	60	135
794906	0.3	8.29	9	46	2.0	<2	5.30	<0.5	73	43	39	9	9.37	<2	0.34	33	2.43	2007	<1	1.74	29	0.22	6	0.05	<3	<10	10	381	2.08	9	328	<10	59	125
794906 DUP-C	0.3	8.23	8	44	2.0	<2	5.37	<0.5	73	43	42	9	9.32	<2	0.31	33	2.39	2002	1	1.73	28	0.22	6	0.05	<3	<10	<10	390	2.07	10	328	<10	58	124
794907	0.5	8.63	<5	37	2.0	<2	4.29	<0.5	84	45	40	33	9.87	<2	0.24	36	2.50	1987	1	2.24	30	0.26	8	0.20	<3	<10	10	268	2.27	10	343	<10	59	208
794908	0.5	8.64	10	91	1.8	<2	2.78	<0.5	60	45	70	81	>10.00	<2	0.44	26	1.94	1784	2	2.33	57	0.22	11	0.62	<3	<10	10	286	1.99	10	326	<10	58	96
794909	0.5	8.87	7	144	1.6	<2	2.58	<0.5	55	62	81	144	>10.00	<2	0.60	24	1.75	1666	<1	2.44	65	0.18	13	1.07	<3	<10	<10	276	1.95	11	304	<10	53	150
794910	0.2	6.41	23	65	1.3	<2	11.87	<0.5	81	94	167	<5	7.41	<2	0.50	42	1.70	1664	<1	0.14	149	0.15	7	0.03	<3	<10	<10	408	1.27	8	86	<10	41	62
794911	0.2	5.69	17	32	1.2	<2	11.81	<0.5	71	88	202	<5	7.37	3	0.26	35	1.69	1745	<1	0.09	189	0.08	6	0.05	<3	<10	<10	322	1.30	5	84	<10	41	45
794912	0.3	6.00	8	29	1.7	<2	11.89	<0.5	64	33	175	<5	7.77	3	0.25	32	1.94	2048	<1	0.12	115	0.15	10	0.02	3	<10	<10	323	1.20	6	86	<10	49	56
794913	0.3	6.01	8	39	1.5	<2	12.54	<0.5	64	30	231	11	7.93	<2	0.36	33	1.72	2179	1	0.14	112	0.13	3	0.08	<3	<10	<10	319	1.14	5	87	<10	50	50
794914	0.2	5.09	6	35	1.4	<2	10.88	<0.5	54	30	88	11	7.94	<2	0.36	26	2.00	1901	<1	0.08	82	0.15	3	0.05	<3	<10	<10	233	1.15	8	217	<10	58	53
794915	0.3	5.95	<5	57	1.6	<2	11.73	<0.5	68	39	168	8	8.76	4	0.60	37	2.11	1804	<1	0.14	136	0.15	8	0.04	3	<10	<10	265	1.28	11	119	<10	61	76
794916	0.7	7.80	10	266	2.1	<2	3.21	<0.5	102	49	153	199	9.33	<2	1.04	49	2.66	827	1	2.57	103	0.26	11	2.51	<3	<10	10	207	1.15	9	97	<10	35	200
794916 DUP-P	0.5	7.90	12	267	2.0	<2	3.23	<0.5	103	50	151	198	9.33	<2	1.05	50	2.68	826	1	2.60	106	0.26	13	2.51	<3	<10	<10	208	1.18	8	97	<10	34	215
794917	0.3	8.37	10	445	2.6	<2	3.03	<0.5	122	41	127	251	9.03	<2	1.60	62	1.87	448	1	3.08	41	0.27	9	2.51	<3	<10	12	272	1.31	8	90	<10	29	103
794918	0.3	8.01	7	354	2.4	<2	2.72	<0.5	124	38	96	317	9.49	<2	1.30	61	1.46	340	1	3.13	20	0.25	8	3.35	<3	<10	<10	277	1.16	8	73	<10	26	94
794919	0.4	8.20	9	210	2.3	<2	2.67	<0.5	144	52	100	338	>10.00	<2	0.98	72	1.68	411	2	3.63	33	0.37	6	3.80	<3	<10	10	262	1.01	12	71	<10	29	157
794920	0.4	7.38	11	75	1.1	<2	2.09	<0.5	101	53	137	454	>10.00	<2	0.37	50	2.74	667	1	2.57	53	0.29	14	4.14	<3	<10	<10	113	1.15	15	120	<10	40	148
794921	0.4	6.82	11	65	0.8	<2	2.30	<0.5	65	35	191	189	>10.00	<2	0.36	31	4.53	1007	<1	0.49	71	0.23	6	1.55	<3	<10	<10	48	1.41	15	202	<10	53	120
794922	0.5	6.97	9	139	1.8	<2	2.27	<0.5	76	65	176	482	>10.00	<2	0.67	37	2.93	724	<1	1.57	56	0.25	11	4.23	<3	<10	10	131	1.35	16	192	<10	48	153
794923	0.4	7.16	7	201	2.2	<2	2.50	<0.5	86	64	148	440	>10.00	<2	0.87	43	1.66	459	3	2.60	42	0.29	6	4.46	<3	<10	<10	170	1.40	13	182	<10	31	152
794924	0.3	7.77	9	148	2.6	<2	2.37	<0.5	140	46	46	241	9.38	<2	0.97	74	1.57	427	1	3.25	20	0.28	5	2.95	<3	<10	10	162	0.94	7	41	<10	25	182
794925	0.2	8.63	6	185	3.4	<2	2.41	<0.5	169	37	53	224	8.80	2	1.19	84	1.68	440	1	3.23	22	0.29	6	2.40	<3	<10	14	193	0.76	7	23	<10	25	105
794926	0.4	8.90	6	396	2.3	<2	1.89	<0.5	77	51	190	402	>10.00	<2	2.06	37	2.09	1058	1	1.70	69	0.19	6	3.20	<3	<10	<10	140	1.61	12	230	<10	36	117
794926 DUP-C	0.5	8.91	9	386	2.2	<2	1.96	<0.5	86	52	157	439	>10.00	<2	1.99	39	2.22	1001	2	1.74	71	0.21	9	3.31	<3	<10	<10	131	1.55	11	211	<10	37	129
794927	0.4	8.52	7	251	1.5	<2	1.57	<0.5	58	66	703	262	>10.00	<2	2.07	28	2.62	1286	<1	1.54	287	0.10	8	2.82	<3	<10	<10	116	1.40	15	215	<10	53	162
794928	0.3	10.40	7	371	2.7	<2	1.94	<0.5	97	42	112	192	>10.00	<2	2.04	48	1.50	1105	1	2.10	112	0.27	11	2.54	<3	<10	11	178	1.46	11	192	<10	34	84
794929	0.4	10.37	9	564	2.6	<2	2.35	<0.5	82	34	61	146	9.17	<2	2.84	42	1.08	1311	<1	1.93	57	0.20	6	1.89	<3	<10	<10	173	1.64	9	244	<10	29	63
794930	0.4	11.05	9	612	3.4	<2	1.63	<0.5	86	32	106	67	8.99	<2	2.95	42	1.10	1578	1	2.44	46	0.25	8	1.09	<3	<10	<10	231	1.97	9	290	<10	30	118
794931	0.4	9.26	7	314	2.4	<2	2.07	<0.5	131	41	75	96	8.81	<2	1.37	63	1.72	828	1	2.89	38	0.31	11	1.56	<3	<10	12	245	1.18	8	116	<10	30	197
794932	0.5	8.32	10	185	1.9	<2	2.56	<0.5	69	69	54	218	>10.00	<2	1.24	31	1.82	1000	2	2.47	95	0.22	9	2.69	<3	<10	<10	242	2.12	11	308	<10	36	117

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2128204 - ICP

DateIn: December 6, 2021
DateOut: May 31, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45E	0.3	6.76	17	250	0.7	<2	0.06	<0.5	22	61	988	800	>10.00	<2	0.29	10	0.16	535	2	0.06	455	0.03	20	0.05	<3	<10	<10	16	0.55	2	328	<10	48	105
794933	0.3	8.65	7	103	1.9	<2	2.63	<0.5	89	61	69	133	>10.00	<2	0.70	41	1.77	930	1	3.11	60	0.29	5	2.34	<3	<10	11	209	1.94	9	232	<10	33	130
794934	0.6	9.19	7	390	2.2	<2	1.59	<0.5	58	38	140	25	9.15	<2	1.53	26	1.67	1635	1	2.46	95	0.21	3	0.41	<3	<10	<10	166	2.28	9	308	<10	37	79
794935	0.5	8.71	14	461	2.1	<2	7.12	<0.5	66	55	328	53	>10.00	2	1.74	31	1.68	1920	3	1.51	178	0.12	8	0.62	16	<10	<10	268	1.74	10	332	<10	40	186
794936	0.3	8.72	12	172	2.8	<2	2.20	<0.5	82	36	92	151	8.52	2	0.81	38	1.51	822	1	3.52	120	0.13	9	1.57	4	<10	11	257	1.34	7	142	<10	28	149
794936 DUP-P	0.4	8.98	10	178	2.8	<2	2.28	<0.5	86	37	93	154	8.74	2	0.84	40	1.56	830	1	3.64	124	0.13	6	1.63	<3	<10	<10	265	1.38	8	147	<10	29	156
794937	0.4	8.70	11	49	3.0	<2	1.12	<0.5	137	27	46	110	6.61	<2	0.21	64	0.68	302	2	4.90	30	0.14	5	1.68	<3	<10	<10	230	0.62	4	13	<10	15	223
794938	0.4	9.07	7	37	2.9	<2	1.12	<0.5	147	30	60	150	6.52	<2	0.21	69	0.73	296	1	5.21	40	0.15	8	2.04	<3	<10	11	229	0.65	4	14	<10	16	227
794939	0.4	8.49	5	123	3.0	<2	1.51	<0.5	98	27	142	80	9.59	<2	0.57	43	1.77	968	1	3.30	96	0.11	8	1.37	<3	<10	<10	252	0.97	8	144	<10	35	214
794940	0.3	7.66	8	110	2.8	<2	1.45	<0.5	103	22	162	44	9.51	<2	0.53	45	1.63	1099	<1	2.68	106	0.10	9	1.00	<3	<10	<10	187	0.89	8	139	<10	38	164
794941	0.2	7.87	9	124	3.1	<2	1.25	<0.5	91	19	139	28	8.52	2	0.54	40	1.43	1034	1	2.51	84	0.08	4	0.67	<3	<10	<10	196	0.85	7	138	<10	35	103
794942	0.4	7.33	6	132	2.8	<2	1.03	<0.5	108	27	118	60	9.10	<2	0.48	47	1.69	881	1	2.67	83	0.08	7	1.65	<3	<10	10	174	0.86	7	146	<10	30	228
794943	0.6	7.34	11	138	3.0	<2	1.17	<0.5	84	37	106	89	9.28	<2	0.56	35	1.77	843	<1	2.61	70	0.08	9	1.80	<3	<10	<10	185	0.95	7	157	<10	32	279
794944	0.4	7.77	6	104	2.9	<2	0.93	<0.5	105	29	95	72	9.32	<2	0.36	46	1.95	1001	1	2.90	88	0.08	4	1.42	<3	<10	10	188	0.90	6	145	<10	35	202
794945	0.4	7.01	8	184	3.1	<2	1.16	<0.5	78	25	272	28	9.64	<2	0.61	34	1.46	1264	<1	2.45	134	0.08	7	0.82	<3	<10	<10	189	0.95	8	177	<10	48	235
794946	0.6	7.50	10	69	3.6	<2	1.31	<0.5	126	35	136	93	9.73	4	0.21	51	1.64	1151	1	3.17	123	0.06	8	1.69	<3	<10	<10	229	0.67	7	109	<10	47	475
794946 DUP-C	0.5	7.48	9	75	3.6	<2	1.32	<0.5	119	34	137	92	9.68	<2	0.20	50	1.64	1151	1	3.15	122	0.06	9	1.69	<3	<10	12	229	0.66	7	108	<10	48	451
794947	0.4	7.20	7	45	2.9	<2	1.43	<0.5	105	39	192	82	9.56	<2	0.15	44	1.94	1155	1	2.97	167	0.07	6	1.68	<3	<10	<10	180	0.74	8	135	<10	50	217
794948	0.3	6.23	27	20	1.4	<2	4.53	<0.5	33	65	346	46	9.45	2	0.08	15	4.30	1911	<1	0.92	373	0.11	14	0.59	<3	<10	<10	121	1.05	10	198	<10	104	63

Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - As

DateIn: November 15, 2021
DateOut: May 18, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: Brian Wright

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Ni %
BLANK	<0.01
STD Su-1b	1.96
779658	0.12
779658 DUP-P	0.12
779677	0.12
779686	0.18
779687	0.14
779693	0.12
779694	0.14
779695	0.12
779696	0.12
779697	0.16

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	342
779566	<5
779567	<5
779568	<5
779569	<5
779570	68
779571	50
779572	6
779573	39
779574	32
779575	<5
779576	<5
779576 DUP - P	<5
779577	<5
779578	81
779579	42
779580	<5
779581	<5
779582	<5
779583	<5
779584	<5
779585	<5
779586	<5
779586 DUP - C	<5
779587	<5
779588	<5
779589	<5
779590	<5
779591	<5
779592	<5
779593	<5
779594	<5
779595	<5
779596	<5
779596 DUP - P	<5
779597	11

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

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Signed by: 

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ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	352
779598	14
779599	18
779600	<5
779601	<5
779602	<5
779603	<5
779604	<5
779605	<5
779606	<5
779606 DUP - C	<5
779607	<5
779608	<5
779609	<5
779610	<5
779611	<5
779612	<5
779613	<5
779614	<5
779615	<5
779616	<5
779616 DUP - P	<5
779617	<5
779618	<5
779619	<5
779620	<5
779621	<5
779622	<5
779623	<5
779624	<5
779625	<5
779626	<5
779626 DUP - C	<5
779627	<5
779628	<5
779629	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

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Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	341
779630	11
779631	<5
779632	5
779633	<5
779634	<5
779635	<5
779636	<5
779636 DUP - P	<5
779637	<5
779638	<5
779639	<5
779642	<5
779643	<5
779644	<5
779645	<5
779646	<5
779647	<5
779648	25
779648 DUP - C	62
779649	<5
779650	<5
779651	63
779652	<5
779653	<5
779654	<5
779655	5
779656	7
779657	<5
779658	<5
779658 DUP - P	<5
779659	<5
779660	<5
779661	<5
779662	<5
779663	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	331
779664	<5
779665	<5
779666	5
779667	8
779668	<5
779668 DUP - C	<5
779669	<5
779670	<5
779671	<5
779672	<5
779673	<5
779674	64
779675	50
779676	14
779677	<5
779678	8
779678 DUP - P	5
779679	<5
779680	<5
779681	<5
779682	<5
779683	<5
779684	<5
779685	<5
779686	18
779687	18
779688	<5
779688 DUP - C	6
779689	<5
779690	<5
779691	<5
779692	<5
779693	<5
779694	<5
779695	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

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Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	337
779696	<5
779697	<5
779698	<5
779698 DUP - P	<5
779699	12
779700	<5
779701	<5
779702	<5
779703	<5
779704	<5
779705	<5
779706	<5
779707	<5
779708	<5
779708 DUP - C	<5
779709	<5
779710	6
779711	8
779712	<5
779713	<5
779714	<5
779715	20
779716	<5
779717	<5
779718	<5
779718 DUP - P	<5
779719	<5
779720	17
779721	<5
779722	<5
779723	10
779724	22
779725	47
779726	<5
779727	25

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
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403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 250b	341
779728	7
779728 DUP - C	9
779729	<5
779730	<5
779731	9
779732	6
779733	36
779734	24
779735	217
779736	47
779737	417
779738	357
779738 DUP - P	347
779739	324
779740	538
779741	158
779742	97
779743	20
779744	118
779745	39
779746	72
779747	14
779748	39
779748 DUP - C	29
779749	11
779750	<5
779751	7
779752	35
779753	90
779754	337
779755	414
779756	108
779757	12
779758	<5
779758 DUP - P	<5

Au Fire Assay Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - Au

DateIn: November 15, 2021
DateOut: March 30, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by: 

Results apply to samples as submitted.

ISO/IEC 17025

* Accrediated Procedures

SAMPLE NUMBER	* Au ppb
BLANK	<5
STD OREAS 230	342
779759	452
779760	151
779761	<5
779762	<5
779763	<5
779764	<5
779765	<5
779766	26
779767	<5
779768	<5
779768 DUP - C	<5
779769	<5
779770	<5
779771	<5
779772	<5
779773	<5
779774	<5
779775	<5
779776	<5
779777	<5
779778	<5
779778 DUP - P	<5
779779	<5
779780	<5
779781	<5
779782	<5
779783	<5
779784	<5
779785	<5
779786	<5
779787	<5
779788	<5
779788 DUP - C	<5
779789	<5
779790	<5

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - ICP

DateIn: November 15, 2021
DateOut: May 18, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	0.01	1	<0.01	<2	<0.01	<3	<10	<10	1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.5	7.22	11	442	2.2	23	0.45	<0.5	82	23	68	4217	6.37	<2	2.45	41	1.68	945	1	0.31	39	0.07	83	0.66	<3	<10	12	42	0.40	3	88	<10	343	115
779566	0.5	9.69	<5	278	1.6	3	2.17	<0.5	121	42	242	138	>10.00	<2	0.97	54	3.19	1506	5	2.52	262	0.14	6	1.19	<3	<10	11	185	1.55	22	142	<10	102	403
779567	<0.2	9.25	9	323	3.1	<2	2.50	<0.5	91	27	85	34	8.67	<2	0.98	40	2.23	1209	7	3.16	101	0.25	<2	0.46	<3	<10	12	323	1.12	15	110	<10	74	169
779568	0.5	6.28	95	150	2.0	<2	3.70	<0.5	64	66	509	65	>10.00	2	0.49	27	4.37	2226	6	1.29	597	0.25	4	0.60	<3	<10	12	136	1.35	23	165	<10	113	223
779569	<0.2	5.80	155	84	1.3	<2	5.23	<0.5	18	91	970	15	>10.00	<2	0.37	10	6.32	2230	3	0.65	950	0.08	5	0.11	10	<10	11	98	1.03	28	204	<10	150	78
779570	<0.2	8.33	8	404	1.4	<2	3.75	<0.5	29	62	207	131	>10.00	<2	1.65	13	2.19	1265	1	1.86	217	0.10	<2	0.19	<3	<10	10	366	1.51	17	261	<10	106	130
779571	<0.2	7.70	15	287	2.6	<2	3.24	<0.5	60	46	343	45	8.34	<2	1.20	24	1.60	1298	2	2.36	234	0.07	6	0.13	<3	<10	<10	307	1.11	15	171	<10	94	315
779572	<0.2	7.91	<5	286	3.2	<2	1.95	<0.5	147	19	136	26	6.43	<2	1.07	62	1.14	1069	4	3.54	128	0.05	<2	0.09	<3	<10	<10	245	0.54	9	49	<10	85	262
779573	0.2	7.68	<5	355	2.2	<2	3.04	<0.5	90	40	190	40	9.15	<2	1.52	37	2.27	1440	2	2.04	121	0.08	4	0.30	<3	<10	14	226	0.95	17	173	<10	119	354
779574	<0.2	7.95	<5	484	1.2	<2	3.82	<0.5	28	68	179	62	>10.00	<2	1.76	14	2.50	1421	1	1.61	163	0.09	2	0.45	<3	<10	11	273	1.41	20	248	<10	116	119
779575	<0.2	8.11	<5	326	2.0	<2	3.41	<0.5	63	48	246	32	9.06	<2	1.15	27	2.45	1367	1	2.04	235	0.11	3	0.09	<3	<10	12	285	1.42	18	228	<10	110	250
779576	0.2	8.72	33	286	2.3	<2	2.66	<0.5	66	56	299	<5	>10.00	<2	1.00	23	2.86	1517	2	2.00	286	0.09	7	0.01	<3	<10	11	265	1.35	17	222	<10	123	261
779576 DUP-P	0.3	8.80	37	292	2.3	<2	2.68	<0.5	67	59	304	<5	>10.00	2	1.03	28	2.90	1526	1	2.07	292	0.09	8	0.01	<3	<10	13	261	1.44	17	223	<10	124	267
779577	<0.2	8.61	12	332	3.2	<2	1.83	<0.5	134	24	134	18	8.00	<2	1.04	58	1.43	1188	4	3.47	78	0.08	10	0.09	<3	<10	<10	299	1.05	9	120	<10	80	119
779578	<0.2	7.95	14	139	3.7	<2	1.53	<0.5	159	9	52	35	6.61	3	0.66	68	0.91	1309	3	4.34	27	0.05	2	0.42	5	<10	22	232	0.49	7	31	<10	109	166
779579	0.3	7.59	13	287	2.8	<2	2.81	<0.5	101	30	140	60	7.65	<2	0.86	42	1.46	1541	2	3.07	112	0.08	5	0.42	<3	<10	13	289	1.03	11	138	<10	92	336
779580	0.2	7.26	15	134	1.1	<2	4.07	<0.5	36	58	202	150	8.69	<2	0.56	15	3.69	1476	1	1.47	170	0.11	4	0.17	<3	14	20	224	1.55	18	253	<10	108	137
779581	<0.2	7.13	12	185	1.1	<2	4.99	<0.5	31	52	210	41	8.57	<2	0.80	15	2.90	1521	2	1.75	164	0.12	8	0.25	<3	<10	20	274	1.50	19	247	<10	103	47
779582	0.2	8.16	<5	197	1.1	<2	4.59	<0.5	38	63	229	205	9.56	<2	0.88	17	4.15	1675	1	1.38	161	0.13	6	0.09	<3	<10	11	262	1.72	20	298	<10	118	140
779583	<0.2	7.93	12	290	1.6	<2	3.46	<0.5	60	50	208	175	9.44	<2	0.99	25	2.84	1732	1	1.42	172	0.12	6	0.15	<3	<10	22	296	1.58	18	228	<10	117	244
779584	0.2	7.96	10	185	1.9	<2	3.99	<0.5	77	40	89	59	8.47	<2	0.71	32	2.23	1624	1	1.87	62	0.12	6	0.06	<3	<10	22	367	1.23	15	182	<10	119	323
779585	0.4	7.71	16	165	2.1	<2	4.17	<0.5	84	44	58	51	8.97	<2	0.84	34	1.94	1965	2	1.95	46	0.16	7	0.17	<3	12	26	292	1.44	19	209	<10	131	311
779586	0.2	8.12	12	229	1.8	<2	2.58	<0.5	82	31	49	29	8.41	<2	1.06	34	1.23	1631	2	2.72	25	0.24	4	0.31	<3	14	18	208	1.40	12	158	<10	110	286
779586 DUP-C	0.3	8.15	11	230	1.9	<2	2.53	<0.5	84	31	42	29	8.46	<2	1.07	35	1.26	1625	1	2.82	23	0.25	2	0.28	<3	14	20	206	1.37	13	154	<10	111	282
779587	0.2	8.79	13	463	1.6	<2	2.08	<0.5	41	41	61	26	9.24	<2	2.23	19	1.45	1457	1	2.16	74	0.16	3	0.25	<3	<10	28	123	1.73	13	275	<10	96	66
779588	0.2	9.15	17	322	1.2	<2	4.61	1.0	36	49	127	58	9.18	<2	1.50	18	1.81	1854	2	1.79	81	0.14	2	0.29	<3	13	26	272	1.70	17	272	<10	224	32
779589	<0.2	7.88	10	100	0.9	<2	5.63	<0.5	31	49	43	56	8.47	<2	0.47	15	2.83	1463	1	1.94	43	0.11	8	0.06	<3	<10	12	354	1.52	19	289	<10	123	59
779590	<0.2	7.95	12	86	0.9	<2	5.66	<0.5	33	47	33	79	8.35	<2	0.44	15	2.86	1207	1	1.96	45	0.12	6	0.02	<3	22	29	448	1.53	20	289	<10	102	126
779591	<0.2	7.92	<5	102	0.9	<2	5.32	<0.5	31	47	35	65	8.07	<2	0.45	15	2.96	1193	2	1.92	49	0.11	4	0.01	<3	<10	32	403	1.45	19	275	<10	97	117
779592	0.2	8.39	14	174	1.7	<2	3.36	<0.5	57	50	117	46	9.64	<2	0.47	25	2.91	1465	3	2.09	97	0.18	4	0.02	<3	14	16	298	1.98	17	283	<10	129	201
779593	0.2	7.05	<5	170	1.1	<2	5.78	<0.5	48	58	197	55	9.67	<2	0.53	20	2.47	1564	1	1.51	196	0.14	5	0.12	<3	<10	<10	290	1.68	23	246	<10	137	155
779594	0.3	7.05	6	113	1.4	<2	4.38	<0.5	57	44	105	43	8.88	<2	0.80	24	3.57	1496	<1	1.73	79	0.18	5	0.14	<3	16	19	179	1.82	18	243	<10	122	191
779595	0.3	7.43	7	71	1.3	<2	4.11	0.5	57	47	77	50	9.60	<2	0.43	24	2.55	1409	1	2.51	74	0.19	8	0.06	<3	14	12	229	1.92	18	248	<10	133	207
779596	<0.2	7.32	5	111	1.2	<2	4.67	<0.5	51	42	39	61	8.54	<2	0.83	23	2.21	1408	2	2.45	33	0.20	7	0.04	<3	12	10	251	1.91	14	256	<10	132	220
779596 DUP-P	0.3	7.29	5	112	1.2	<2	4.75	<0.5	59	42	41	69	8.58	<2	0.86	25	2.28	1441	<1	2.53	34	0.21	8	0.04	<3	15	11	256	1.98	15	263	<10	134	212
779597	<0.2	7.82	10	102	1.4	<2	4.22	0.5	64	46	41	54	9.67	4	0.42	27	1.63	1421	1	2.69	49	0.22	8	0.04	<3	<10	<10	278	2.11	17	246	<10	133	233
779598	0.2	8.38	<5	249	1.5	<2	2.87	<0.5	61	51	140	57	>10.00	<2	1.06	26	2.27	1479	<1	1.83	79	0.21	6	0.09	<3	<10	<10	180	2.14	17	298	<10	135	222
779599	0.2	7.59	9	62	1.2	<2	5.89	<0.5	36	54	45	69	8.66	8	0.42	17	3.45	1905	1	1.71	58	0.12	7	0.06	<3	<10	<10	190	1.67	20	331	<10	107	135
779600	<0.2	7.53	6	130	1.3	<2	6.63	0.5	49	45	45	55	8.05	7	0.84	22	1.90	1424	4	2.06	59	0.13	8	0.11	<3	<10	<10	257	1.53	22	289	<10	107	163

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - ICP

DateIn: November 15, 2021
DateOut: May 18, 2022

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	1	<10	<5	<1
STD-OREAS-45D	0.3	8.25	15	183	0.6	<2	0.17	<0.5	35	32	554	365	>10.00	<2	0.39	16	0.24	486	2	0.09	228	0.04	21	0.04	<3	<10	<10	31	0.81	4	237	<10	49	135
779601	<0.2	8.80	5	251	3.1	<2	2.62	0.5	130	17	39	10	6.27	2	1.76	61	0.99	784	5	2.46	19	0.20	3	0.03	<3	<10	<10	249	0.77	8	51	<10	102	118
779602	<0.2	7.83	9	219	2.4	<2	3.92	0.5	107	28	43	22	7.03	<2	1.93	53	1.34	1003	4	2.20	34	0.17	<2	0.03	<3	<10	<10	241	1.02	11	133	<10	111	135
779603	<0.2	7.82	6	225	2.8	<2	2.25	<0.5	142	19	44	7	6.38	<2	2.17	69	0.99	549	2	2.60	28	0.20	3	0.02	<3	<10	10	203	0.70	7	40	<10	101	145
779604	<0.2	7.95	11	301	2.9	<2	2.76	<0.5	145	22	62	100	7.02	<2	2.13	71	0.92	715	3	2.59	29	0.21	4	0.35	<3	<10	<10	223	0.75	12	45	<10	101	165
779605	<0.2	7.83	9	320	2.9	<2	2.96	<0.5	147	18	56	20	5.64	8	2.07	71	0.91	744	1	2.65	24	0.19	5	0.09	<3	<10	<10	230	0.64	9	33	<10	89	232
779606	0.3	8.51	16	399	3.1	<2	2.88	<0.5	166	20	36	38	6.93	5	2.50	78	1.01	955	4	2.62	27	0.20	6	0.16	<3	<10	12	256	0.73	7	39	<10	108	415
779606 DUP-C	0.2	8.45	15	403	3.0	<2	2.79	<0.5	156	20	49	37	6.83	5	2.40	76	1.00	954	3	2.59	25	0.20	5	0.16	<3	<10	13	252	0.71	9	37	<10	106	411
779607	<0.2	3.47	<5	171	1.4	<2	1.20	<0.5	71	7	141	65	2.85	<2	0.82	33	0.37	299	1	1.05	13	0.06	4	0.13	<3	<10	<10	125	0.24	<2	22	<10	33	185
779608	<0.2	6.48	22	762	1.2	<2	4.23	<0.5	59	35	192	39	5.93	3	2.60	27	2.01	941	1	1.11	111	0.12	10	0.13	<3	<10	<10	203	0.94	12	145	<10	85	149
779609	0.3	7.13	<5	1086	1.4	<2	3.70	<0.5	101	22	77	25	6.28	2	3.46	42	1.37	715	1	1.89	50	0.15	6	0.17	<3	10	<10	317	0.84	11	104	<10	84	299
779610	<0.2	5.84	18	439	1.0	2	5.77	0.5	27	42	177	87	7.39	<2	2.06	14	3.08	1200	<1	1.38	147	0.10	9	0.07	<3	10	<10	227	1.21	22	235	<10	86	103
779611	<0.2	5.82	7	178	0.6	<2	4.34	<0.5	24	49	208	86	7.34	11	1.52	11	5.21	1224	1	0.63	181	0.09	11	0.04	<3	<10	<10	79	1.15	14	242	<10	84	88
779612	<0.2	7.55	8	455	1.8	<2	2.64	<0.5	54	43	177	94	6.92	3	1.42	26	3.54	2104	5	1.48	161	0.08	16	0.51	4	<10	<10	181	0.85	13	251	<10	115	102
779613	0.2	6.14	6	197	0.8	<2	3.87	<0.5	30	40	113	97	7.10	4	1.71	14	4.22	1154	1	1.35	96	0.12	7	0.07	<3	<10	<10	116	1.31	10	248	<10	85	115
779614	0.2	6.30	17	135	1.0	<2	4.34	<0.5	35	46	191	78	7.24	<2	0.56	17	4.37	1773	2	0.76	163	0.10	2	0.17	<3	11	<10	112	1.10	15	230	<10	93	97
779615	<0.2	7.06	8	231	1.8	<2	3.11	0.6	46	42	206	162	6.94	<2	0.76	23	3.68	1668	4	1.51	162	0.07	6	0.35	<3	14	<10	230	0.84	15	228	<10	97	68
779616	<0.2	6.32	11	177	1.8	<2	3.38	<0.5	39	44	366	124	6.83	<2	0.68	19	4.22	1382	4	1.11	246	0.07	9	0.30	<3	11	<10	190	0.81	16	212	<10	77	74
779616 DUP-P	<0.2	6.35	11	183	1.8	<2	3.40	<0.5	39	47	363	130	6.89	<2	0.75	20	4.27	1389	5	1.12	242	0.07	9	0.30	<3	12	<10	199	0.86	16	218	<10	82	68
779617	<0.2	7.28	6	133	1.6	<2	4.11	0.8	44	52	240	181	7.60	9	0.58	22	4.70	1438	5	1.26	205	0.09	5	0.36	<3	<10	10	200	1.05	17	261	<10	89	105
779618	<0.2	8.21	<5	470	3.0	<2	1.71	<0.5	80	30	141	49	5.50	2	1.93	38	2.21	1279	4	2.56	72	0.08	12	0.12	<3	<10	<10	286	0.66	10	190	<10	76	126
779619	<0.2	6.05	12	196	1.4	<2	5.48	<0.5	39	43	222	58	6.20	2	0.73	18	3.16	1721	2	1.24	168	0.09	8	0.08	<3	<10	13	256	0.91	13	195	<10	74	99
779620	<0.2	5.82	19	59	0.7	<2	4.26	<0.5	26	58	319	100	7.84	2	0.46	12	5.50	1355	<1	0.57	299	0.08	7	0.03	<3	<10	<10	130	1.10	15	231	<10	91	93
779621	<0.2	5.36	5	82	0.7	<2	4.77	<0.5	23	50	327	103	7.15	<2	0.63	11	5.28	1229	1	0.75	298	0.08	2	0.08	<3	<10	12	139	0.99	17	204	<10	84	72
779622	<0.2	5.71	17	180	0.7	<2	4.51	<0.5	23	49	241	90	7.32	<2	1.55	10	5.35	1229	<1	0.81	207	0.08	2	0.01	<3	<10	<10	136	1.09	18	226	<10	84	93
779623	0.2	5.53	12	105	0.6	<2	4.70	<0.5	21	51	284	80	7.44	6	0.99	10	6.20	1162	2	0.58	247	0.08	7	0.01	<3	<10	<10	141	1.06	19	222	<10	84	82
779624	<0.2	6.26	<5	168	0.7	<2	5.21	<0.5	22	52	221	121	7.63	7	1.08	11	5.59	1193	1	1.18	211	0.09	<2	0.04	<3	<10	<10	161	1.15	16	261	<10	86	69
779625	<0.2	5.80	6	38	0.8	<2	5.14	<0.5	22	58	386	108	7.67	7	0.17	10	5.20	1168	1	1.15	332	0.09	6	0.12	<3	13	<10	155	1.12	17	232	<10	89	75
779626	<0.2	5.67	8	85	0.6	<2	5.89	<0.5	21	51	244	70	7.53	4	0.51	10	6.75	1294	1	0.82	232	0.08	5	0.03	<3	<10	<10	170	1.09	19	241	<10	83	71
779626 DUP-C	<0.2	6.59	10	83	0.6	<2	5.98	<0.5	20	51	242	64	7.45	5	0.49	10	6.76	1311	<1	0.78	238	0.08	6	0.04	<3	<10	<10	173	1.04	16	231	<10	82	66
779627	<0.2	5.67	<5	128	0.6	<2	5.59	<0.5	24	48	193	95	7.02	8	0.77	11	5.30	1191	1	1.66	199	0.08	2	0.06	4	11	<10	215	1.09	17	236	<10	78	82
779628	<0.2	5.37	<5	61	0.6	<2	4.22	<0.5	16	57	462	75	7.23	6	0.40	9	6.67	1179	2	1.30	377	0.07	2	0.04	<3	<10	<10	114	0.98	18	211	<10	79	62
779629	<0.2	6.20	10	113	0.7	<2	4.78	0.6	23	53	231	118	7.73	7	0.70	11	5.88	1249	<1	2.03	211	0.09	4	0.03	<3	<10	<10	185	1.18	16	256	<10	86	95
779630	<0.2	5.96	10	54	0.7	<2	4.53	<0.5	23	59	313	94	7.83	2	0.34	11	6.47	1274	<1	1.62	311	0.08	7	0.02	<3	<10	<10	145	1.14	15	233	<10	90	79
779631	<0.2	6.02	11	91	0.8	<2	5.16	<0.5	26	52	237	106	7.76	9	0.64	12	5.15	1233	<1	1.04	224	0.09	3	0.04	<3	11	<10	174	1.23	20	244	<10	89	98
779632	<0.2	6.94	5	205	1.0	<2	4.38	<0.5	32	46	168	79	8.40	<2	0.51	15	3.00	1325	1	2.13	147	0.12	3	0.13	<3	<10	<10	203	1.40	17	248	<10	100	122
779633	<0.2	6.08	<5	231	0.9	<2	3.66	<0.5	35	51	225	75	7.98	7	1.53	16	5.10	1200	1	1.37	229	0.12	2	0.05	<3	<10	10	148	1.26	17	227	<10	99	114
779634	<0.2	6.04	18	116	0.7	<2	3.71	<0.5	24	60	314	71	8.34	3	1.01	11	7.08	1210	<1	1.42	328	0.09	9	0.01	<3	<10	<10	81	1.23	17	252	<10	97	93
779635	<0.2	6.30	15	66	0.7	<2	4.71	<0.5	21	62	350	110	8.14	2	0.55	11	7.03	1242	2	1.86	335	0.08	8	0.01	<3	<10	11	140	1.11	18	264	<10	90	81

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
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DskFile: 578-2229097 - ICP

DateIn: November 15, 2021
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Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	1	<10	<5	<1
STD-OREAS-45E	0.4	6.68	15	263	0.5	<2	0.06	<0.5	23	61	986	782	>10.00	<2	0.31	10	0.15	542	1	0.06	456	0.03	23	0.04	<3	<10	<10	16	0.56	3	325	<10	52	117
779636	<0.2	5.87	10	89	0.6	<2	4.38	0.6	18	55	481	104	7.82	9	0.52	9	6.78	1191	2	1.66	392	0.07	<2	0.02	<3	<10	<10	118	1.00	16	245	<10	82	79
779636 DUP-P	<0.2	5.92	13	69	0.6	<2	4.41	0.5	20	57	482	107	7.85	6	0.58	9	6.86	1194	<1	1.72	388	0.08	3	0.01	<3	<10	<10	126	1.06	18	250	<10	88	81
779637	<0.2	5.95	<5	71	0.6	<2	4.48	<0.5	21	61	404	98	7.84	4	0.56	10	7.35	1258	<1	1.65	384	0.08	2	0.01	<3	10	11	105	1.07	16	249	<10	88	80
779638	<0.2	5.47	13	91	0.5	<2	4.82	<0.5	19	57	350	108	7.44	9	0.75	9	6.68	1207	<1	1.41	343	0.07	5	0.01	<3	<10	10	127	0.98	19	228	<10	82	66
779639	<0.2	5.83	11	128	0.6	<2	4.41	<0.5	20	55	290	85	7.39	3	1.01	10	5.92	1384	<1	0.77	272	0.08	2	0.01	<3	<10	<10	100	1.04	13	243	<10	82	66
779642	<0.2	6.05	5	59	0.6	<2	5.24	<0.5	15	43	134	65	7.30	6	0.17	7	4.17	1367	1	1.15	109	0.06	8	0.06	<3	<10	<10	146	0.83	18	272	<10	87	56
779643	0.2	5.12	14	206	0.6	<2	5.25	<0.5	21	58	515	107	7.53	<2	2.00	10	6.21	1172	<1	0.74	410	0.08	10	0.02	<3	<10	<10	141	1.01	17	200	<10	87	84
779644	<0.2	5.16	<5	145	0.6	<2	4.41	0.5	18	59	337	79	7.48	4	1.31	9	6.57	1151	<1	1.14	358	0.08	<2	0.01	<3	<10	<10	124	1.00	17	203	<10	88	77
779645	<0.2	5.06	8	73	0.6	<2	4.87	<0.5	17	60	362	90	7.21	6	0.44	9	6.78	1219	2	1.26	405	0.07	<2	0.02	<3	<10	<10	151	0.93	17	219	<10	83	66
779646	<0.2	7.54	10	52	1.4	<2	1.99	<0.5	66	45	44	<5	>10.00	<2	0.38	28	1.59	2071	<1	1.84	44	0.22	5	0.01	<3	<10	10	182	2.31	14	361	<10	52	218
779647	<0.2	7.92	11	86	1.8	<2	1.79	<0.5	67	39	35	<5	>10.00	3	0.53	30	1.30	1931	1	2.42	49	0.30	4	<0.01	<3	<10	13	232	2.46	11	308	<10	49	69
779648	<0.2	7.70	10	74	2.2	<2	2.06	<0.5	61	76	33	82	>10.00	4	0.44	28	1.44	1745	2	2.35	40	0.24	7	0.70	<3	<10	<10	221	2.38	13	362	<10	50	89
779648 DUP-C	<0.2	7.75	11	77	2.3	<2	2.04	<0.5	61	80	40	85	>10.00	2	0.45	28	1.46	1755	1	2.43	43	0.24	5	0.76	<3	<10	<10	220	2.41	14	369	<10	50	82
779649	<0.2	7.20	14	36	1.4	<2	3.66	<0.5	66	42	34	5	>10.00	<2	0.36	28	2.05	2052	2	1.54	35	0.22	4	0.06	<3	<10	16	200	2.23	19	337	<10	52	218
779650	<0.2	8.19	7	62	1.4	<2	2.30	<0.5	58	46	142	16	>10.00	10	0.47	26	1.97	1773	3	1.71	182	0.23	3	0.01	<3	10	<10	167	2.21	14	336	<10	55	73
779651	<0.2	7.31	<5	65	1.4	<2	1.84	<0.5	55	73	41	66	>10.00	8	0.42	25	1.98	1770	1	1.47	50	0.23	8	0.52	<3	<10	<10	140	2.27	19	353	<10	59	67
779652	0.3	8.06	<5	83	1.8	<2	2.94	<0.5	70	54	31	26	>10.00	<2	0.42	30	1.93	1898	1	1.83	40	0.24	2	0.13	<3	<10	16	226	2.44	15	353	<10	54	239
779653	0.2	7.90	<5	42	1.6	<2	3.33	<0.5	71	59	36	30	>10.00	4	0.22	30	2.13	2209	1	1.80	44	0.24	11	0.16	<3	<10	<10	246	2.38	21	366	<10	58	253
779654	0.6	7.40	9	56	1.6	<2	3.02	<0.5	70	50	50	47	>10.00	<2	0.34	29	1.76	1953	3	1.69	35	0.23	6	0.02	<3	<10	<10	240	2.27	18	310	<10	53	233
779655	<0.2	8.27	6	193	1.8	<2	3.16	<0.5	81	51	116	22	9.72	<2	0.81	39	1.30	1516	<1	2.57	81	0.26	<2	0.03	<3	<10	<10	345	2.32	12	309	<10	46	71
779656	<0.2	9.48	29	249	2.0	<2	2.47	<0.5	63	69	274	90	>10.00	11	0.98	28	1.43	1734	1	2.91	220	0.23	3	0.19	<3	10	<10	452	2.08	10	263	<10	50	44
779657	<0.2	7.98	13	72	2.1	<2	3.64	<0.5	111	65	117	166	8.09	2	0.28	46	1.52	1311	1	3.16	165	0.33	2	0.48	4	<10	12	343	1.09	15	58	<10	39	113
779658	<0.2	5.21	<5	7	0.6	<2	7.00	<0.5	16	111	1105	171	>10.00	<2	0.05	9	4.38	2267	<1	0.18	>1100	0.07	13	0.67	13	<10	10	74	1.00	33	192	<10	76	72
779658 DUP-P	<0.2	5.28	<5	9	0.6	<2	7.06	<0.5	19	112	1101	179	>10.00	<2	0.03	9	4.50	2275	2	0.16	>1100	0.07	13	0.66	11	<10	<10	78	1.03	34	205	<10	80	69
779659	<0.2	7.43	15	33	1.0	<2	3.96	0.5	30	67	319	130	>10.00	<2	0.11	15	3.61	1584	1	1.86	284	0.10	5	0.25	<3	12	14	171	1.56	17	270	<10	68	102
779660	<0.2	8.07	<5	89	1.1	<2	5.20	<0.5	39	57	175	64	9.32	<2	0.40	17	2.45	1442	<1	2.62	139	0.13	5	0.18	<3	<10	15	353	1.78	18	340	<10	63	147
779661	<0.2	8.46	7	101	1.0	<2	4.44	<0.5	38	58	217	53	8.32	<2	0.44	16	2.23	1113	1	3.45	172	0.12	3	0.13	<3	18	<10	458	1.79	16	329	<10	71	139
779662	<0.2	7.47	16	87	0.9	<2	5.19	<0.5	36	54	202	33	8.36	<2	0.40	16	2.37	1187	1	2.90	156	0.12	4	0.04	<3	<10	<10	422	1.59	20	306	<10	59	139
779663	<0.2	8.42	<5	64	0.9	<2	4.92	<0.5	28	54	272	<5	8.61	3	0.30	15	2.62	1196	<1	2.55	140	0.11	8	0.01	<3	<10	16	408	1.52	20	327	<10	63	37
779664	<0.2	7.49	7	69	1.0	<2	4.91	<0.5	34	57	170	69	8.93	<2	0.29	16	2.65	1221	1	2.87	145	0.12	2	0.06	<3	<10	12	373	1.56	18	283	<10	62	136
779665	<0.2	6.51	7	38	1.0	<2	3.97	<0.5	28	43	170	22	7.12	<2	0.15	13	2.05	997	2	2.49	93	0.09	4	0.01	<3	<10	11	329	1.33	14	250	<10	45	109
779666	0.3	6.90	18	60	1.4	<2	6.13	<0.5	33	45	148	202	7.88	<2	0.40	15	2.20	1142	24	2.13	157	0.07	5	0.09	9	<10	<10	390	1.35	23	191	<10	48	94
779667	0.2	7.64	21	40	1.3	<2	5.03	<0.5	26	66	279	242	9.66	<2	0.23	12	2.90	1519	1	2.47	276	0.09	6	0.12	4	<10	<10	357	1.37	21	279	<10	58	93
779668	<0.2	7.14	9	17	<0.5	<2	2.96	<0.5	26	145	508	1026	>10.00	<2	0.12	12	3.98	1737	4	0.50	321	0.10	11	1.73	8	<10	20	81	1.48	27	313	<10	80	103
779668 DUP-C	<0.2	7.10	8	19	<0.5	<2	2.92	<0.5	30	144	512	1018	>10.00	<2	0.12	13	3.88	1727	3	0.54	329	0.10	12	1.68	7	<10	17	84	1.42	26	311	<10	80	99
779669	<0.2	6.82	11	34	0.7	<2	4.83	<0.5	20	87	296	247	9.99	<2	0.18	10	2.80	1351	2	1.51	263	0.07	6	1.06	8	<10	13	276	1.17	23	216	<10	52	19
779670	<0.2	6.92	10	37	0.8	<2	4.98	<0.5	25	55	218	7	8.86	<2	0.16	10	3.31	1495	1	2.11	200	0.09	5	0.03	<3	<10	<10	284	1.29	21	282	<10	60	96
779671	<0.2	5.88	11	29	0.8	<2	5.34	<0.5	22	63	529	21	9.94	6	0.11	10	4.29	1741	3	1.33	451	0.07	6	0.04	14	<10	<10	198	1.11	26	218	<10	72	81

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - ICP

DateIn: November 15, 2021
DateOut: May 18, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	0.02	<2	<0.01	<1	<0.01	1	<1	<0.01	2	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	0.2	8.23	13	182	0.7	<2	0.20	<0.5	36	32	554	378	>10.00	<2	0.43	18	0.27	487	4	0.11	236	0.04	24	0.05	<3	<10	<10	34	0.82	4	234	<10	51	152
779672	<0.2	5.81	15	24	0.9	<2	4.72	<0.5	17	78	611	80	>10.00	6	0.10	9	4.61	1742	2	0.96	542	0.06	8	0.33	6	<10	<10	145	1.14	26	222	<10	72	60
779673	<0.2	7.80	7	69	1.2	<2	2.46	<0.5	26	78	632	296	>10.00	5	0.22	12	2.30	1351	1	2.00	422	0.07	<2	1.48	4	16	10	334	1.54	20	278	<10	57	120
779674	<0.2	7.66	12	77	0.9	<2	1.98	<0.5	25	116	658	449	>10.00	<2	0.22	12	2.61	1421	1	1.70	527	0.08	13	2.47	6	<10	<10	235	1.53	27	260	<10	66	120
779675	<0.2	6.53	6	46	0.9	<2	3.97	<0.5	29	97	674	146	>10.00	3	0.19	14	6.45	1688	1	0.88	727	0.11	6	0.60	5	<10	19	98	1.37	26	211	<10	72	105
779676	<0.2	7.36	7	35	0.7	<2	1.72	<0.5	27	78	587	38	>10.00	<2	0.09	12	4.05	1703	<1	0.83	603	0.08	<2	0.38	6	<10	<10	111	1.48	21	231	<10	67	96
779677	<0.2	6.71	5	27	0.6	<2	3.10	<0.5	23	118	1068	68	>10.00	6	0.01	11	6.67	2011	1	0.04	>1100	0.07	14	0.42	4	<10	11	39	1.34	23	203	<10	86	73
779678	<0.2	7.39	16	16	0.6	<2	2.67	<0.5	25	81	627	54	>10.00	<2	0.04	11	5.87	1838	1	0.35	645	0.10	11	0.37	<3	12	10	51	1.42	22	244	<10	73	99
779678 DUP-P	<0.2	7.45	15	20	0.6	<2	2.72	<0.5	27	85	631	59	>10.00	<2	0.05	12	5.92	1846	1	0.37	641	0.10	11	0.39	3	12	10	52	1.52	22	248	<10	76	101
779679	<0.2	7.95	5	14	0.6	<2	1.78	<0.5	37	64	522	45	>10.00	<2	0.07	17	5.27	1863	3	0.54	466	0.13	6	0.21	12	<10	<10	40	1.67	24	228	<10	73	144
779680	0.2	8.94	8	69	1.6	<2	2.67	<0.5	93	48	56	64	>10.00	<2	0.26	42	2.70	1812	1	3.04	53	0.29	6	0.43	<3	<10	13	217	2.32	19	181	<10	53	189
779681	<0.2	9.49	7	123	2.0	<2	3.11	<0.5	101	50	30	19	>10.00	<2	0.33	46	1.93	1627	1	3.37	53	0.25	3	0.13	<3	13	13	475	2.47	19	157	<10	46	203
779682	0.2	7.57	7	26	1.2	<2	3.43	0.5	54	85	925	37	>10.00	<2	0.10	26	4.94	1537	1	1.28	735	0.17	8	0.13	<3	<10	14	169	1.77	22	174	<10	64	103
779683	<0.2	4.34	145	5	0.7	<2	5.49	<0.5	12	93	1100	<5	9.78	5	0.04	6	7.80	1586	1	0.09	1063	0.04	5	0.02	31	<10	15	23	0.83	33	152	<10	69	47
779684	<0.2	5.72	83	11	0.5	<2	4.63	<0.5	15	96	881	<5	9.70	<2	0.05	8	9.09	1587	2	0.14	1011	0.07	5	0.01	10	20	<10	19	1.07	23	195	<10	71	62
779685	<0.2	5.17	52	39	0.8	<2	7.72	<0.5	17	94	982	40	>10.00	<2	0.15	9	6.28	1728	1	0.77	1016	0.06	9	0.19	13	<10	20	197	0.99	27	153	<10	64	43
779686	<0.2	4.18	441	13	0.6	<2	8.79	1.0	6	137	1322	30	>10.00	<2	0.16	5	4.18	2195	1	0.29	>1100	0.01	13	0.23	28	10	26	102	0.75	35	94	<10	73	26
779687	<0.2	5.08	306	82	1.1	<2	7.99	0.8	14	138	1328	20	>10.00	<2	0.31	8	4.06	1981	1	0.55	>1100	0.05	15	0.14	18	<10	24	220	1.00	34	186	<10	80	45
779688	0.2	7.91	18	179	2.9	<2	2.61	<0.5	132	58	611	277	9.38	<2	0.57	54	1.40	1021	2	3.42	555	0.05	6	0.43	6	16	<10	374	0.82	12	75	<10	49	249
779688 DUP-C	0.2	7.94	19	185	2.9	<2	2.62	<0.5	133	59	613	273	9.43	<2	0.59	52	1.45	1028	3	3.38	551	0.05	9	0.49	8	16	<10	365	0.84	10	78	<10	52	262
779689	<0.2	12.54	10	131	3.9	<2	1.27	<0.5	183	18	96	97	7.17	<2	0.46	74	0.69	666	3	5.14	46	0.04	4	0.09	3	<10	<10	478	0.48	4	22	<10	41	214
779690	<0.2	9.72	<5	130	3.7	<2	1.22	<0.5	184	15	100	20	6.93	<2	0.43	77	0.70	699	2	4.48	37	0.04	4	0.02	5	<10	<10	387	0.51	6	27	<10	40	275
779691	<0.2	8.96	7	118	3.8	<2	1.63	<0.5	150	23	71	11	8.59	<2	0.27	64	1.22	937	1	3.91	48	0.10	<2	0.02	9	<10	13	490	1.14	11	105	<10	44	223
779692	<0.2	6.87	19	142	2.9	<2	3.82	<0.5	66	61	591	34	>10.00	<2	0.48	29	2.55	1348	2	2.21	587	0.09	10	0.19	<3	<10	<10	401	1.14	21	178	<10	61	192
779693	<0.2	4.14	84	<5	0.5	<2	4.70	<0.5	13	134	1304	<5	>10.00	<2	0.02	7	8.06	1485	1	0.07	>1100	0.04	9	0.01	12	<10	17	20	0.76	29	118	<10	76	38
779694	<0.2	4.37	82	12	<0.5	<2	4.36	<0.5	10	137	1372	<5	>10.00	<2	0.02	6	8.98	1409	2	0.06	>1100	0.03	9	0.01	16	<10	<10	19	0.82	24	111	<10	72	30
779695	<0.2	3.96	65	5	<0.5	<2	5.52	<0.5	8	122	1209	<5	>10.00	<2	0.01	5	>10.00	1396	<1	0.06	>1100	0.03	8	0.01	17	<10	<10	26	0.74	29	151	<10	74	28
779696	<0.2	3.73	83	5	<0.5	<2	5.88	<0.5	10	120	1069	<5	>10.00	<2	0.02	6	>10.00	1524	2	0.07	>1100	0.03	8	0.01	15	<10	<10	24	0.67	29	145	<10	73	23
779697	<0.2	3.82	84	10	<0.5	2	4.29	0.5	10	117	1624	<5	9.52	2	0.04	6	6.90	1432	2	0.14	>1100	0.03	7	0.01	15	<10	12	19	0.73	20	127	<10	69	27
779698	<0.2	5.75	16	110	0.6	<2	5.42	<0.5	17	118	1012	63	>10.00	4	0.18	9	6.27	1670	<1	1.12	1002	0.08	6	0.02	8	<10	17	120	1.11	26	151	<10	78	46
779698 DUP-P	<0.2	5.72	20	116	0.6	<2	5.38	<0.5	18	117	1006	63	>10.00	3	0.16	9	6.23	1658	1	1.11	997	0.08	4	0.02	6	<10	16	116	1.10	29	149	<10	78	47
779699	<0.2	7.93	<5	111	0.8	<2	4.30	<0.5	28	74	400	50	>10.00	<2	0.46	13	3.96	1440	2	2.14	375	0.09	7	0.01	<3	<10	16	277	1.56	22	244	<10	56	112
779700	<0.2	7.00	25	107	0.8	<2	4.38	<0.5	23	83	652	89	>10.00	<2	0.63	11	3.14	1406	2	1.48	752	0.07	12	0.09	<3	12	14	269	1.35	24	231	<10	54	90
779701	<0.2	7.61	17	105	0.8	<2	3.86	<0.5	29	81	543	161	>10.00	<2	0.41	13	3.29	1316	1	1.96	539	0.09	6	0.07	<3	<10	11	278	1.65	19	247	<10	51	119
779702	<0.2	9.01	16	89	0.7	<2	4.44	<0.5	24	72	363	99	9.67	<2	0.31	12	3.62	1205	2	2.51	274	0.09	5	0.08	<3	<10	<10	239	1.51	23	225	<10	56	31
779703	<0.2	8.15	<5	115	0.8	<2	4.76	<0.5	30	69	171	130	9.71	5	0.37	13	3.39	1211	2	2.89	115	0.09	<2	0.14	<3	<10	<10	321	1.49	22	236	<10	60	112
779704	<0.2	7.91	14	142	0.8	<2	4.57	<0.5	29	60	172	53	8.42	<2	0.42	14	2.78	1042	1	2.89	108	0.09	3	0.15	3	<10	18	405	1.52	17	271	<10	52	103
779705	<0.2	8.10	30	128	0.8	<2	4.05	<0.5	25	67	367	45	7.67	<2	0.41	11	2.30	1018	3	3.67	311	0.08	5	0.21	<3	<10	<10	337	1.52	18	278	<10	47	109
779706	<0.2	6.69	62	88	0.6	<2	5.29	<0.5	18	83	545	29	9.22	<2	0.31	9	2.77	1527	1	2.34	562	0.07	6	0.23	6	10	25	283	1.19	23	217	<10	71	84

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - ICP

DateIn: November 15, 2021
DateOut: May 18, 2022

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Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	0.01	<1	<1	0.01	1	<0.01	2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.5	7.34	8	443	2.1	22	0.43	<0.5	83	24	73	4227	6.39	<2	2.45	38	1.66	962	1	0.30	35	0.07	82	0.66	<3	<10	12	39	0.37	4	88	<10	348	121
779707	<0.2	5.82	101	48	0.8	<2	4.79	<0.5	16	73	538	29	8.66	<2	0.18	8	5.08	1304	2	1.49	562	0.07	5	0.14	5	<10	<10	144	1.09	25	221	<10	65	55
779708	<0.2	7.96	11	41	0.7	<2	5.60	<0.5	24	58	149	55	8.45	<2	0.11	11	3.65	1123	2	3.00	145	0.13	7	0.31	<3	15	14	381	1.48	23	275	<10	51	114
779708 DUP-C	<0.2	7.86	12	41	0.7	<2	5.56	<0.5	27	53	149	49	8.38	<2	0.11	12	3.60	1116	1	2.93	142	0.12	6	0.30	<3	16	12	378	1.43	21	265	<10	49	117
779709	<0.2	7.54	16	35	1.0	<2	4.65	<0.5	29	65	473	24	8.83	<2	0.10	14	5.91	1259	3	1.60	362	0.11	12	0.04	7	<10	23	193	1.49	22	244	<10	52	66
779710	0.3	6.16	70	32	1.2	<2	3.63	<0.5	61	60	452	490	7.64	<2	0.10	24	5.33	1040	1	1.73	448	0.07	4	0.06	8	<10	13	124	0.91	19	164	<10	51	257
779711	<0.2	5.86	45	60	0.7	<2	5.45	<0.5	21	63	351	52	7.95	<2	0.11	10	5.45	1155	1	1.31	345	0.09	7	0.05	9	<10	<10	142	1.12	21	216	<10	50	70
779712	<0.2	6.18	10	62	0.9	<2	5.93	<0.5	24	89	349	132	8.56	<2	0.22	11	5.27	1248	1	1.20	346	0.09	8	0.57	4	<10	13	274	1.19	21	208	<10	56	67
779713	0.2	6.12	6	31	0.7	<2	4.20	<0.5	22	87	668	122	>10.00	<2	0.11	11	7.13	1367	1	0.32	600	0.08	12	0.99	5	<10	18	90	1.18	22	207	<10	71	74
779714	<0.2	6.70	<5	38	1.2	<2	3.99	<0.5	26	41	273	91	7.97	<2	0.13	12	4.81	1051	1	1.94	203	0.11	2	0.81	<3	<10	<10	154	1.35	16	197	<10	52	72
779715	0.2	6.30	46	62	1.5	<2	4.20	<0.5	38	54	276	57	7.84	<2	0.29	16	3.58	1208	3	2.06	265	0.11	5	0.28	3	<10	<10	156	1.21	14	191	<10	62	127
779716	<0.2	8.01	16	73	3.1	<2	2.17	<0.5	140	18	97	21	6.47	<2	0.30	58	1.82	1031	3	4.13	63	0.06	3	0.04	5	<10	<10	282	0.65	8	67	<10	61	194
779717	<0.2	11.19	<5	74	2.9	<2	2.17	<0.5	115	27	213	77	7.40	<2	0.40	48	2.31	1054	2	3.33	109	0.07	3	0.02	<3	<10	16	308	0.75	13	103	<10	68	122
779718	<0.2	6.66	57	168	1.3	<2	5.69	<0.5	26	58	269	<5	8.68	<2	0.59	13	4.42	1507	2	1.53	244	0.09	8	0.01	<3	<10	16	292	1.21	19	228	<10	60	91
779718 DUP-P	<0.2	6.60	55	161	1.2	<2	5.61	<0.5	26	53	262	<5	8.65	<2	0.60	13	4.38	1503	1	1.50	246	0.09	11	0.01	5	<10	20	290	1.21	19	228	<10	60	85
779719	<0.2	6.54	83	105	1.3	<2	4.81	<0.5	29	70	448	8	9.78	<2	0.42	14	4.98	1629	1	1.36	476	0.11	9	0.10	5	<10	10	196	1.25	21	214	<10	60	72
779720	<0.2	7.49	<5	129	1.7	<2	3.17	<0.5	65	39	40	15	9.58	<2	0.51	27	1.71	1385	<1	2.96	17	0.24	5	0.19	<3	<10	11	252	1.92	15	224	<10	48	225
779721	<0.2	6.78	6	134	1.7	<2	4.00	<0.5	61	36	32	14	9.46	5	0.62	26	1.46	1627	1	2.62	8	0.25	7	0.15	<3	<10	12	366	1.76	18	195	<10	66	147
779722	<0.2	6.70	<5	131	1.8	<2	4.67	<0.5	54	32	42	<5	8.27	<2	0.65	24	1.64	1523	2	2.50	14	0.23	7	0.01	<3	<10	11	331	1.60	15	180	<10	78	65
779723	<0.2	6.59	<5	210	1.5	<2	2.88	<0.5	53	38	51	13	>10.00	<2	0.84	23	1.32	1644	1	2.48	17	0.20	9	0.10	<3	<10	17	251	1.93	15	191	<10	90	96
779724	<0.2	6.76	<5	207	1.3	<2	3.31	<0.5	58	42	32	21	>10.00	2	0.83	24	1.17	1612	1	2.71	13	0.24	4	0.36	<3	<10	15	316	2.09	18	210	<10	51	171
779725	0.7	6.94	<5	42	2.4	<2	1.73	<0.5	121	32	131	111	8.14	3	0.20	47	1.78	649	4	3.23	101	0.09	4	1.10	<3	<10	17	186	0.77	10	99	<10	43	520
779726	<0.2	6.99	6	28	2.3	<2	0.64	<0.5	150	12	75	90	5.83	<2	0.14	62	1.52	444	7	4.11	19	0.04	4	1.17	<3	<10	16	122	0.33	4	16	<10	38	274
779727	0.4	6.18	16	16	2.2	<2	0.62	<0.5	125	26	191	81	7.09	<2	0.11	50	2.55	679	1	2.29	117	0.05	3	0.29	<3	<10	19	76	0.41	7	53	<10	27	356
779728	<0.2	7.41	11	30	2.8	<2	1.22	<0.5	130	24	181	49	7.27	5	0.20	54	2.20	600	2	3.46	109	0.08	5	0.54	<3	<10	<10	130	0.61	9	83	<10	27	252
779728 DUP-C	<0.2	7.37	12	26	2.6	<2	1.21	<0.5	127	25	171	43	7.21	<2	0.20	51	2.17	589	1	3.43	106	0.08	6	0.53	<3	<10	<10	123	0.55	8	80	<10	25	245
779729	<0.2	7.75	<5	33	1.9	<2	1.17	<0.5	54	36	205	18	7.49	<2	0.20	22	2.77	639	2	2.54	149	0.07	3	0.27	<3	<10	16	94	0.97	11	176	<10	32	119
779730	<0.2	5.89	114	27	0.7	<2	3.88	<0.5	26	73	734	14	>10.00	3	0.18	11	4.09	1275	<1	0.61	672	0.09	8	0.44	4	<10	<10	72	1.26	19	202	<10	50	93
779731	<0.2	7.09	108	129	1.2	<2	2.07	<0.5	27	60	421	35	9.58	<2	0.50	12	3.20	1275	1	1.54	412	0.09	2	0.40	<3	<10	13	149	1.35	16	218	<10	42	119
779732	<0.2	8.64	5	344	1.3	<2	1.19	<0.5	31	34	217	55	7.84	3	1.27	15	1.24	953	2	3.43	139	0.10	9	0.62	<3	16	<10	203	1.52	10	229	<10	25	34
779733	<0.2	8.03	<5	241	1.2	<2	0.81	<0.5	22	32	363	71	>10.00	<2	0.83	11	1.76	1248	1	2.97	210	0.07	11	0.94	<3	<10	15	160	1.40	13	195	<10	32	47
779734	<0.2	6.64	8	82	0.9	<2	0.90	<0.5	22	39	366	69	>10.00	<2	0.32	10	2.54	1109	<1	1.93	299	0.08	9	0.78	<3	<10	20	95	1.19	14	192	<10	41	95
779735	<0.2	6.70	<5	31	0.7	<2	1.09	<0.5	21	72	335	195	>10.00	3	0.18	10	2.57	1110	<1	2.10	256	0.09	10	2.35	<3	<10	29	89	1.20	19	260	<10	44	83
779736	<0.2	6.79	<5	40	0.7	<2	1.28	<0.5	23	57	366	169	>10.00	<2	0.18	11	2.54	897	1	2.29	265	0.10	7	2.11	<3	<10	13	98	1.22	17	255	<10	41	95
779737	<0.2	4.30	12	75	0.9	<2	1.11	<0.5	12	77	998	287	>10.00	<2	0.28	8	1.86	711	2	1.96	618	0.08	13	3.56	<3	<10	<10	114	1.07	17	169	<10	34	31
779738	<0.2	6.45	<5	47	0.7	<2	1.35	<0.5	19	76	950	321	>10.00	<2	0.20	10	2.37	930	1	2.03	558	0.08	14	2.92	<3	<10	16	117	1.25	20	223	<10	43	71
779738 DUP-P	<0.2	6.48	<5	49	0.7	<2	1.39	<0.5	22	79	943	325	>10.00	<2	0.20	11	2.37	930	1	2.03	569	0.09	12	2.96	<3	<10	20	121	1.25	19	225	<10	43	75
779739	<0.2	5.80	9	38	<0.5	<2	1.15	<0.5	19	113	1441	427	>10.00	5	0.14	10	2.86	1134	<1	0.91	814	0.08	12	4.05	<3	<10	38	47	1.12	25	195	<10	56	76
779740	<0.2	5.93	<5	22	<0.5	<2	1.23	<0.5	20	120	1394	448	>10.00	<2	0.11	11	2.76	1061	1	1.23	878	0.09	12	4.24	<3	<10	11	51	1.14	26	206	<10	51	80

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
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DskFile: 578-2229097 - ICP

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Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	0.01	<1	<1	0.01	<1	<0.01	<2	0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-45D	0.2	8.24	14	175	0.6	<2	0.17	<0.5	34	33	544	365	>10.00	<2	0.37	15	0.24	486	2	0.11	235	0.04	25	0.05	<3	<10	<10	29	0.75	4	231	<10	51	137
779741	<0.2	6.72	<5	94	0.8	2	1.55	<0.5	21	82	481	356	>10.00	<2	0.39	10	2.03	839	1	2.35	509	0.10	14	3.21	<3	<10	12	153	1.29	17	204	<10	38	70
779742	<0.2	6.33	10	38	0.9	<2	1.41	<0.5	19	66	400	222	>10.00	<2	0.19	9	2.11	817	1	2.34	418	0.10	16	2.67	<3	<10	10	106	1.18	17	215	<10	38	33
779743	<0.2	4.96	26	36	0.7	<2	3.16	0.5	18	73	770	205	>10.00	7	0.24	10	2.39	963	5	1.17	507	0.12	12	2.24	28	<10	28	111	0.88	20	159	<10	40	45
779744	<0.2	6.04	43	37	0.8	<2	1.81	<0.5	24	106	777	120	>10.00	2	0.25	12	2.71	1273	<1	1.28	764	0.09	13	1.91	29	<10	14	80	1.11	20	206	<10	62	76
779745	<0.2	6.19	<5	8	0.5	<2	1.27	<0.5	23	61	473	58	>10.00	2	0.06	11	3.73	1244	<1	0.78	398	0.10	13	0.89	<3	<10	15	36	1.13	18	233	<10	62	96
779746	<0.2	4.76	39	61	0.5	<2	2.52	<0.5	16	60	650	50	9.69	<2	0.21	8	2.62	1347	1	0.52	497	0.05	11	0.77	<3	<10	11	63	0.89	16	155	<10	49	71
779747	<0.2	7.23	<5	110	1.3	2	2.19	<0.5	27	50	199	55	9.31	2	0.47	14	1.89	1200	1	2.83	230	0.10	9	1.00	<3	<10	18	212	1.40	13	279	<10	46	24
779748	<0.2	7.17	<5	150	1.2	<2	1.45	<0.5	24	45	281	100	9.68	<2	0.52	12	1.82	1033	1	2.72	192	0.09	8	1.78	<3	<10	17	198	1.32	10	211	<10	38	33
779748 DUP-C	<0.2	7.18	<5	147	1.2	<2	1.46	<0.5	23	49	270	109	9.68	<2	0.51	12	1.73	1022	<1	2.83	198	0.09	10	1.84	<3	<10	19	204	1.31	13	213	<10	38	29
779749	<0.2	5.73	<5	95	1.2	<2	1.36	<0.5	33	39	211	126	9.81	3	0.32	15	2.13	981	1	1.98	103	0.15	9	1.93	<3	<10	18	117	1.25	13	178	<10	35	64
779750	<0.2	6.48	<5	97	1.4	<2	1.86	<0.5	60	29	70	127	9.43	6	0.26	25	1.86	834	2	3.08	14	0.30	8	2.42	<3	<10	20	144	1.46	12	151	<10	33	119
779751	<0.2	6.91	<5	58	1.6	<2	2.16	<0.5	62	37	161	62	8.92	<2	0.22	28	1.81	1326	1	2.99	129	0.18	8	1.20	<3	<10	11	161	1.26	12	169	<10	45	72
779752	<0.2	6.65	<5	113	2.2	<2	1.38	<0.5	82	28	121	32	7.65	<2	0.37	35	1.67	1046	1	2.60	71	0.09	10	0.63	<3	<10	17	154	0.89	9	144	<10	44	149
779753	<0.2	5.73	5	106	1.3	<2	0.88	<0.5	59	32	220	84	9.86	<2	0.29	25	2.12	1114	1	1.58	107	0.07	9	1.19	<3	<10	19	101	0.71	14	136	<10	57	120
779754	<0.2	6.38	<5	58	0.8	<2	1.22	<0.5	21	55	337	216	>10.00	<2	0.18	10	2.71	1275	<1	1.55	191	0.09	7	2.94	<3	<10	21	101	1.13	22	233	<10	71	102
779755	<0.2	5.82	<5	34	0.5	13	3.71	<0.5	29	62	381	140	>10.00	3	0.14	13	3.42	1546	1	0.58	307	0.13	7	1.86	<3	11	<10	80	1.21	26	226	<10	70	105
779756	<0.2	4.97	19	84	0.5	4	2.06	<0.5	25	92	444	191	>10.00	<2	0.17	12	2.73	1310	1	0.52	381	0.11	14	3.35	<3	<10	<10	56	1.07	25	203	<10	63	100
779757	<0.2	6.95	10	64	1.5	<2	2.21	<0.5	41	40	162	32	9.79	<2	0.15	19	2.29	1392	1	2.22	127	0.18	12	0.62	<3	<10	11	158	1.39	14	185	<10	63	47
779758	0.2	6.38	5	80	1.6	<2	3.31	<0.5	68	24	44	11	7.80	<2	0.22	27	1.60	1407	2	2.50	7	0.29	9	0.06	<3	<10	12	167	1.16	15	104	<10	67	241
779758 DUP-P	<0.2	6.39	5	78	1.6	<2	3.37	<0.5	68	23	45	10	7.80	3	0.22	27	1.60	1402	2	2.50	8	0.29	7	0.06	<3	<10	11	171	1.16	13	104	<10	68	246
779759	<0.2	6.18	<5	34	1.2	7	2.16	<0.5	63	50	27	135	>10.00	<2	0.10	26	1.79	1371	1	2.31	7	0.26	14	1.88	<3	<10	17	144	1.36	17	142	<10	66	241
779760	<0.2	5.84	15	33	1.4	2	3.61	<0.5	54	61	60	68	>10.00	<2	0.09	23	1.86	1658	<1	1.87	9	0.22	4	2.29	<3	<10	22	158	1.53	22	178	<10	67	190
779761	<0.2	6.42	<5	62	1.4	<2	3.29	<0.5	53	29	44	47	9.53	4	0.18	24	1.51	1825	<1	2.62	8	0.24	10	0.87	<3	<10	11	188	1.72	13	211	<10	61	98
779762	<0.2	5.64	8	42	1.4	<2	3.26	<0.5	49	25	44	39	8.83	<2	0.13	21	1.55	1508	1	2.14	12	0.22	7	0.58	<3	<10	15	153	1.59	12	196	10	62	70
779763	<0.2	6.47	5	23	1.4	<2	3.93	<0.5	58	39	26	6	9.15	<2	0.09	24	2.01	1697	2	2.07	10	0.24	5	0.02	<3	<10	<10	148	1.76	18	216	<10	95	190
779764	<0.2	6.18	<5	18	1.2	<2	4.19	<0.5	56	32	22	11	8.33	<2	0.08	23	2.10	1796	2	2.03	11	0.23	3	0.18	<3	<10	24	132	1.65	18	197	<10	103	157
779765	<0.2	5.80	<5	41	1.2	<2	3.69	<0.5	49	30	27	21	8.75	2	0.16	20	1.54	1947	<1	1.97	7	0.20	11	0.23	<3	<10	15	165	1.64	18	201	<10	74	184
779766	<0.2	6.25	<5	25	1.3	<2	3.47	<0.5	58	37	31	112	9.56	<2	0.11	24	2.09	1913	1	2.05	9	0.23	8	0.63	<3	<10	25	140	1.71	20	217	<10	127	195
779767	<0.2	6.55	<5	79	1.4	<2	2.79	<0.5	63	31	31	49	9.51	<2	0.30	25	2.06	2017	<1	2.21	6	0.26	5	0.65	<3	<10	15	141	1.62	16	184	<10	133	237
779768	<0.2	6.00	<5	111	0.8	<2	4.04	<0.5	26	45	182	130	7.65	<2	0.78	12	1.29	852	1	1.37	122	0.11	6	0.04	<3	<10	14	157	1.23	17	281	<10	88	75
779768 DUP-C	<0.2	6.05	<5	116	0.9	<2	4.07	<0.5	26	43	189	129	7.77	<2	0.80	12	1.31	856	2	1.41	127	0.11	6	0.04	<3	<10	16	162	1.25	14	288	<10	87	71
779769	<0.2	7.47	<5	155	1.2	<2	1.96	<0.5	40	44	275	73	9.87	<2	0.98	18	1.30	841	3	1.68	168	0.18	9	0.16	<3	<10	14	150	1.67	14	234	<10	104	55
779770	<0.2	6.47	<5	122	0.7	<2	2.04	<0.5	24	40	241	72	8.27	<2	0.90	11	1.42	770	1	1.57	162	0.11	9	0.08	<3	<10	15	126	1.25	13	257	<10	88	51
779771	<0.2	6.38	<5	176	0.9	<2	2.84	<0.5	22	43	245	129	8.31	<2	1.20	10	1.91	1094	1	1.14	156	0.09	9	0.04	<3	<10	<10	123	1.17	15	253	<10	99	103
779772	<0.2	6.81	<5	153	0.8	<2	2.38	<0.5	24	46	242	108	9.74	<2	1.19	12	1.67	1131	<1	1.43	151	0.11	13	0.04	<3	<10	20	131	1.32	14	273	<10	115	50
779773	<0.2	6.17	12	168	1.1	<2	3.54	<0.5	81	18	98	11	5.69	5	1.32	39	0.54	812	1	2.44	34	0.13	7	0.08	<3	<10	13	185	0.69	16	72	<10	73	77
779774	<0.2	7.08	<5	227	1.4	<2	3.16	<0.5	112	13	42	16	5.19	<2	1.43	52	0.48	934	2	3.10	27	0.14	9	0.14	<3	<10	11	259	0.57	9	16	<10	62	99
779775	<0.2	6.22	7	212	1.4	<2	2.90	<0.5	72	26	160	25	6.46	2	1.70	32	2.02	2558	3	0.96	47	0.21	12	0.21	<3	<10	11	124	0.85	13	111	<10	115	121

ICP - 34 Certificate

Client: Spruce Ridge Resources
Geologist: Jim Rideout
Project: Great Burnt
Sample: Core

DskFile: 578-2229097 - ICP

DateIn: November 15, 2021
DateOut: May 18, 2022

EASTERN Analytical

Email: info@easternanalytical.ca
P.O. Box 187
403 Little Bay Road Springdale, NL A0J 1T0
Phone: 709-673-3909 / Fax: 709-673-3408

Signed by:

Results apply to samples as submitted.

Concentrations in assay range may cause interferences in associated elements.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	In ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
BLANK	<0.2	<0.01	<5	<5	<0.5	<2	<0.01	<0.5	<2	<2	<5	<5	<0.01	<2	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<2	<0.01	<3	<10	<10	<1	<0.01	<2	<1	<10	<5	<1
STD-OREAS-923	1.8	7.37	7	445	2.2	22	0.52	0.6	81	23	77	4244	6.54	2	2.43	39	1.68	965	2	0.36	82	0.06	77	0.64	<3	<10	12	46	0.40	3	90	<10	344	113
779776	<0.2	7.76	6	461	2.1	<2	0.52	<0.5	65	26	120	58	5.35	<2	3.71	29	1.10	2635	6	0.47	40	0.05	19	0.67	<3	<10	19	37	0.34	7	153	<10	108	70
779777	0.5	11.14	<5	693	2.4	<2	0.65	<0.5	91	35	153	96	6.71	<2	4.67	41	1.36	4325	6	0.60	56	0.06	12	0.74	<3	<10	10	59	0.46	12	210	<10	111	118
779778	0.4	9.50	12	573	2.8	<2	1.18	0.5	86	33	178	72	6.40	2	4.01	40	1.37	4452	7	0.74	56	0.06	22	0.47	4	11	<10	79	0.45	10	197	<10	115	101
779778 DUP-P	0.5	9.55	11	589	2.9	<2	1.21	0.6	88	33	180	72	6.38	3	4.14	41	1.39	4551	7	0.76	54	0.06	21	0.48	3	10	<10	81	0.47	12	202	<10	120	104
779779	0.4	10.03	13	671	2.8	<2	0.71	1.5	87	37	215	59	6.34	<2	4.30	40	1.51	3803	4	0.57	88	0.06	20	0.47	3	12	<10	55	0.46	10	179	<10	118	99
779780	0.4	8.76	<5	579	2.3	<2	2.50	<0.5	69	37	251	108	7.12	4	2.33	34	2.55	3079	5	1.11	100	0.08	20	0.46	<3	11	14	117	0.80	15	221	<10	113	109
779781	0.2	7.77	<5	621	2.4	<2	3.75	0.5	62	30	267	88	5.82	4	2.90	31	1.53	2201	4	1.32	69	0.07	16	0.50	<3	<10	12	195	0.66	16	188	<10	91	107
779782	<0.2	6.09	8	141	1.1	<2	5.10	<0.5	29	43	443	88	6.62	<2	0.79	16	4.33	1495	3	0.53	268	0.08	5	0.16	<3	<10	13	121	0.96	19	203	<10	80	67
779783	0.2	6.89	9	297	1.7	<2	6.51	<0.5	65	48	431	82	7.76	<2	1.77	32	2.04	1955	3	1.42	176	0.14	10	0.24	<3	<10	16	238	1.35	21	152	<10	93	126
779784	0.3	8.14	6	408	2.4	<2	4.09	0.6	67	33	212	103	6.30	<2	3.28	36	1.36	1748	6	0.87	99	0.09	23	0.96	<3	<10	13	111	0.82	20	180	<10	115	115
779785	0.4	8.47	17	298	2.5	<2	2.45	<0.5	56	26	107	51	5.35	9	2.41	27	1.43	3980	4	1.48	38	0.07	23	0.46	<3	13	17	112	0.49	15	157	<10	99	109
779786	0.7	10.40	19	518	2.4	<2	0.58	0.6	93	34	195	92	6.63	4	4.26	43	1.63	3302	11	0.62	66	0.07	24	0.86	<3	15	20	45	0.52	13	214	<10	128	123
779787	0.6	9.24	<5	422	2.5	<2	0.81	0.5	79	28	191	77	5.97	12	3.47	38	1.44	3123	3	0.65	48	0.05	21	0.77	<3	<10	<10	48	0.45	8	173	<10	110	104
779788	0.2	9.45	11	441	2.7	<2	1.05	0.5	70	29	188	86	5.97	4	3.57	34	1.53	2331	4	0.97	56	0.08	18	0.82	3	10	<10	74	0.51	11	214	<10	127	116
779788 DUP-C	0.3	9.52	11	444	2.5	<2	1.00	<0.5	66	27	182	82	5.84	<2	3.48	31	1.44	2327	3	0.90	53	0.08	17	0.79	<3	12	<10	70	0.46	12	215	<10	125	112
779789	0.4	6.35	16	282	1.7	<2	7.12	0.9	63	35	318	58	6.46	12	2.41	31	1.23	2375	2	0.95	166	0.13	15	0.62	<3	10	<10	141	1.13	23	138	<10	85	127
779790	0.4	7.10	13	264	1.7	<2	5.78	0.5	74	43	238	74	8.24	2	2.22	32	2.05	3434	3	0.81	115	0.13	11	0.77	<3	14	12	139	1.45	19	179	<10	111	135