

2018 Humus Sampling Program
at the Blockhouse Property,
Blockhouse, Nova Scotia

EL No. 50637 and 50938

Prepared for Genius Properties Ltd.

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Date: August 20, 2018

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1.0 Summary

This report covers the assessment work completed during 2018 on exploration licences 50637 and 50938 in Blockhouse, Nova Scotia. The property includes 3 licences for an area over 422 hectares, located approximately 4 km west of Mahone Bay and 80 km west of Halifax. These licenses surround the Blockhouse anticline, hosting historic gold workings sites, particularly surrounding cross-fault intersections of the Prest Vein, East Vein and Prest Shoot Extension.

Previous work conducted by Genius included compilation of historical maps; review and sampling of historic core; and a two-phased field program which included a seven-hole drill program that tested two high anomalies generated by an IP/Resistivity survey over the old mine workings.

The most significant results of that program were from Drill hole BH-17-01, that crossed through a 10m+ zone of quartz veining with samples ranging from 7.08g/t to 22g/t Au and averaging 1.06g/t Au over 10.25m, from 36.0m to 46.25m.

This zone occurs on a cross fault to the Prest fissure vein at an actual depth of 26 metres. The extent of this zone and possibility of other zones on the property may exist along bedding parallel faults identified on historic maps. A humus sampling program was designed to identify potential litho-geochemical anomalies related to near surface potential of these features.

2.0 Introduction

This report covers the assessment work completed on exploration licence 50637 and 50938 in Blockhouse, Nova Scotia.

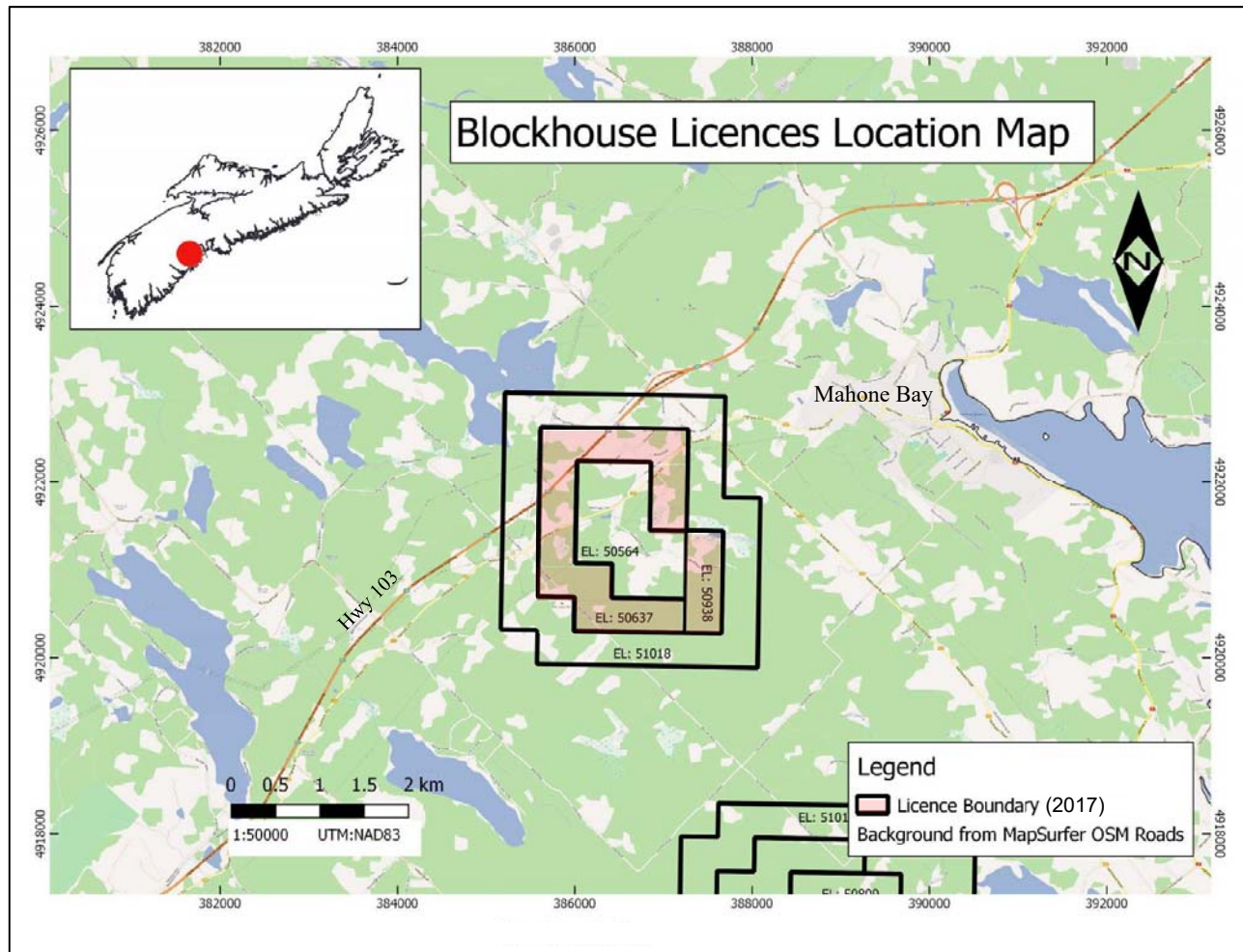
The historical mine workings of the auriferous Prest fissure vein are the current focus of exploration at the Blockhouse property. Areas concentrated at the intersection of the Prest vein within a 25-meter-thick sediment package, were identified as “the favorable horizon” by Tilsey, in 1982. This intersection zone has become known as the Prest shoot and has been mined out around the turn of the century down to the 60m level. Additional drifts were put in at the 90m level, but previous mining appears to be limited.

In 2018, a humus sampling program was designed to test surface litho-geochemical conditions surrounding the Blockhouse Anticline to investigate near surface potential for offset faults and vein zones beyond the limit of the workings and historic drilling. Additionally, overlapping generated IP targets from 2016 combined with geochemical anomalous zones would warrant further litho-geochemical sampling in-fill and extension programs.

3.0 Licence, Location and Access

The Blockhouse licenses are located in Blockhouse, NS approximately 4 km west of Mahone Bay and 80 km west of Halifax. The property can be accessed via Mines Road off Highway 325, located along the 103 Highway. Figure 1 outlines the 2017 licence claim boundaries with 50637 and 50938 highlighted below.

Figure 1- Location Map.



The topography in the Blockhouse area is relatively flat with topographic highs of up to 40 metres defined by drumlins. The area is till covered with till thicknesses ranging from a few metres to over 40 metres.

Vegetation includes moderate secondary growth deciduous forest with some saturated wetland areas. Some infrastructure present onsite includes buildings, roads, fences and a powerline to the northeast.

4.0 Licence Tabulation

The property includes 3 licences totalling 422 hectares, summarized in Table 1 below. All three licences including 50564 were originally staked by 21 Alpha Gold Resources and subsequently sold to Genius Properties Ltd (Genius Acquires Blockhouse Property, 2016).

Table 1- Current Blockhouse Property Licences

Licence Number	Map Sheet	Area (ha)	Tracts	Claims	Date Issued	Anniversary Date
50564	21A/8C	146	57	A,B,F,G,H,K,L,O,P	2015-02-27	2017-02-27
50637	21A/8C	227	40 57 64	O, P, Q C, D, E, J, M, N, Q A, B, C, D	2015-05-26	2018-05-26
50938	21A/8C	49	41 56	N D, E	2016-04-05	2019-04-05

Bold – Licences included in this assessment report (2017)

5.0 Previous Work

Historic Mining (1800-1900)

The Blockhouse area has been sporadically explored and mined for gold from the late 19th century through to about the mid-1950s. Total reported gold production is 3,588 ounces from 6,210 tons of quartz-bearing ore for an average grade of 0.58 oz/ton. Mining highlights are outlined below in the text excerpt taken from (Genius Acquires Blockhouse Gold Property, May 10, 2016).

“There are several documented gold bearing veins on the Blockhouse Property, most notably the Prest Vein that saw limited underground (narrow vein) production in the late 1800s up until the early 1930s. This property was revisited in the 1980s when 10 diamond drill holes were completed, testing near surface potential of the property. The drill results and historical mining results are documented in a 1989 drill summary report by James E. Tilsley & Associates Ltd. (filed as an assessment report AR 89-105 with the Nova Scotia DNR) where it is reported that 3,500 ounces of gold was recovered from 6,200 tons of mined and milled material from underground workings between the surface and 90 meters depth. It is further reported that most of the gold was recovered from the fissure vein that was within a very dark arenaceous slate horizon, they refer to this production area as the "Prest Shoot". Historical records on file with Nova Scotia Department of Natural Resources indicate that the Prest Shoot accounted for 2,043 tons of mill feed between 1896 and 1935, yielding 3,259 ounces of gold for an average grade of 1.59 ounces per ton (49.6 g/t). The width of the Prest Vein within the historically mined shoot is reported to average 0.25 meters (range of 0.15 to 0.61 m) and the wall rock where sampled is reported to average 0.085 ounces per ton (2.9 g/t), however there was insufficient sample data to determine how

extensive the gold mineralization is within the host wall rock. Underground mapping and sampling of the 60 metre level occurred in the late 1930s, the Prest Shoot as described was traced for 138 metres in the north drift and averaged 0.35 metres in width with an average gold content of 0.37 ounces per ton.”

2016 IP/Resistivity and Drilling Program on Licence 50564

In 2016, an IP/Resistivity grid totalling 5.54 km was designed over three of the license areas focusing on the historic prest workings. The IP/survey outlined two targets of high chargeability and low resistivity. Target 1 was outlining the contact between the Halifax and Goldenville groups or alternately a dilatational fault parallel to bedding in the lower Halifax. Target 2 was interpreted to be outlining the sulphide rich “favourable horizon” as described by Tilsey, 1989. Gillick, 2016 stated that the trends of the targets were both 012°.

Objectives of the drilling program were to intersect the Prest vein, the East (laxer) vein, test bedding parallel faults that offset the Prest fissure vein, drill threw the contact between the Halifax and the Goldenville, and to drill through the “favourable horizon” perpendicular to bedding. The drill program also tested the two conductivity zones outlined with the IP survey.

Additional core samples were collected from historic core at the NSDNR core facility. Re-sampling of historic results include 569ppb Au over 1.5m in the hanging wall of the Prest vein in historic hole BH-83-1.

Drilling was completed in January 2017 by Maritime Diamond Drilling of Brookfield, NS. A total of 644 meters of NQ core was drilled over 7 holes. Drilling was concentrated at three main areas:

- **Site 1** was located southwest of the historic working portals near the limit of the underground workings, south of the fault offsetting the prest vein at 250 degrees (Tilsey, 1983).
- **Site 2** was based on an IP/Resistivity anomaly located in the vicinity of the mine portals and east vein;
- **Site 3** was northeast of the mine portals, also targeting a geophysics anomaly and provide a section through the Halifax and Goldenville Formations.

Drill collar details and targets are summarized below:

Table 2 – 2017 Drill hole Locations

Hole ID	X	Y	Drill Site	Azimuth	Dip	Depth	Core	Target
BH-17-01	386883	4921246	1	340	-55	146	NQ	Prest Vein
BH-17-02	386883	4921246	1	80	-45	38	NQ	Prest Vein
BH-17-03	386880	4921246	1	80	-90	137	NQ	Prest Vein
BH-17-04	386857	4921367	2	45	-45	65	NQ	East Vein
BH-17-05	386763	4921431	3	340	-45	80	NQ	Prest Vein, Hanging Wall
BH-17-06	386873	4921242	1	80	-90	119	NQ	Prest Vein
BH-17-07	386889	4921273	1	280	-70	59	NQ	Offset Fault

Hole locations were recorded using a handheld Garmin GPS receiver.

Significant result intervals are highlighted in Table 3 below. BH-17-01 crossed through a 10m+ zone of quartz veining containing visible gold, with grades up to 22g/t Au in the Prest Vein Zone. Collectively, the zone ran 1.06g/t Au over 10.25m, from 36.0m to 46.25m.

Table 3- 2017 Drill Intersection Summaries

Hole ID	Width (m)	Grade (g/t Au)	Description
BH-17-01	10.25	1.06	Quartz veins, vg present
BH-17-03	0.5	1.33	Prest Vein
BH-17-03	0.5	0.56	Prest Footwall
BH-17-06	0.3	0.36	East Vein

5.0 Geology

Regional Geology

The Blockhouse area is underlain by metasedimentary Meguma series of rocks including older arkosic quartzites and interbedded shales (Goldenville Formation) upwards into younger argillaceous slated and (sometimes graphitic) shales of the Halifax Formation (Keppie, 2000). A transitional sequence between these two formations, known as the Halifax-Goldenville Transition Zone (GHT), has variable thickness up to 1 km and is characterized by Mn-rich rocks. Although gold appears to occur throughout the entire succession, a high proportion of the gold districts lie near the GHT boundary. The Meguma Group meta-sediments are conformably overlain by mixed Silurian sedimentary and volcanic rocks. These strata were deformed into variably plunging, east-west folds during the Devonian Acadian Orogeny and metamorphosed at greenschist to amphibolite facies ca. 400 Ma. (Goodwin, 2003).

Most Meguma gold production in Nova Scotia has been from zones of brittle deformation within these anticlinal structures. Mineralization can occur in fault and fracture zones running parallel to the anticlinal axes, or as crosscutting veins controlled by fissure faults striking roughly perpendicular to the anticlinal axes. Both types of fault related veining can include mineralization extending into the strata as bedding veins or as saddle veins either along the main anticlinal crests or along secondary anticlinal folds in the flanks (Gillick, 2016).

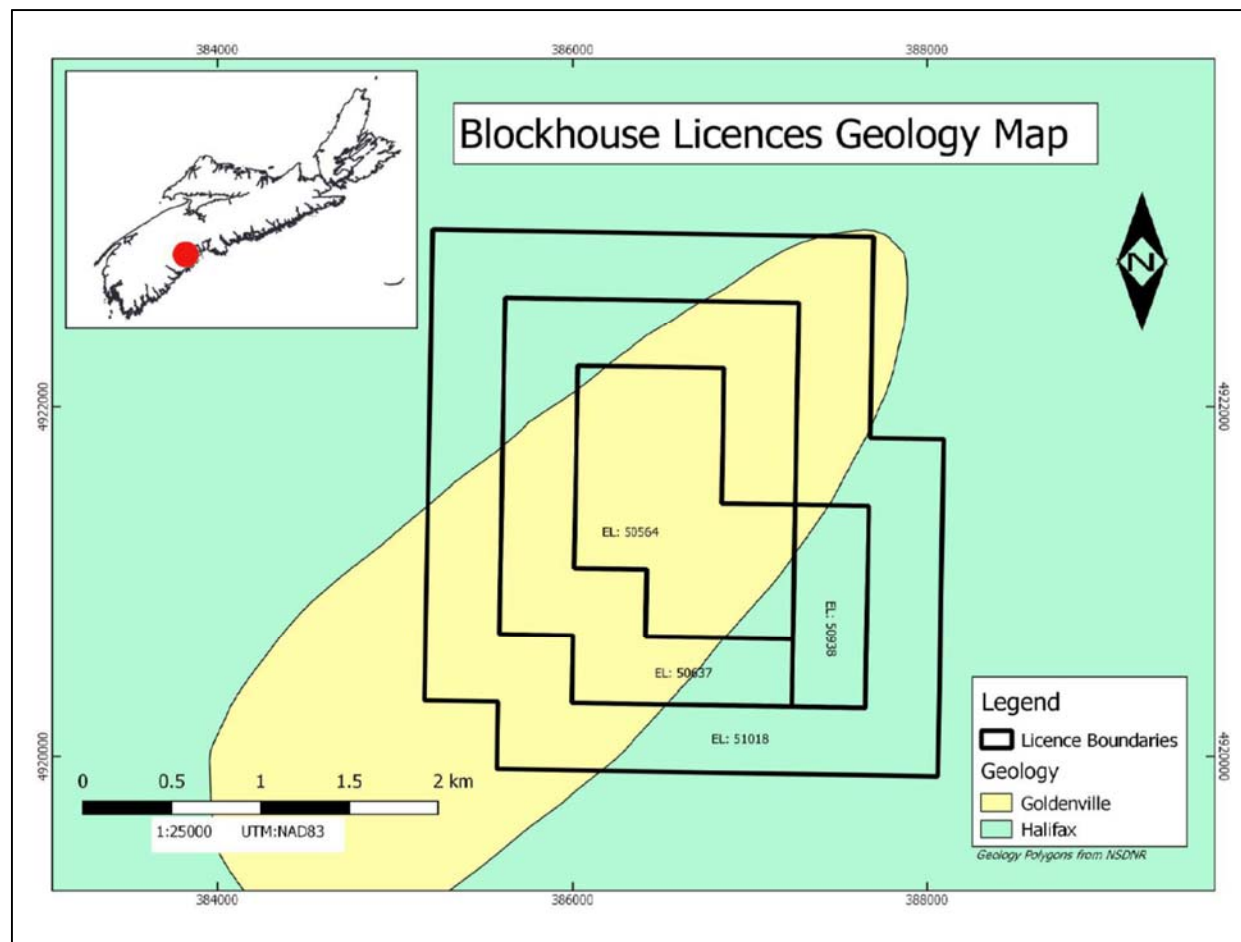
Local Geology

The Blockhouse anticline is reported to plunge gently to the northeast with limbs dipping to the southeast and northwest at about 45°. The Goldenville-Halifax contact strikes north-easterly along the southern limb of the anticline (Figure 2).

Most historical gold production on the Blockhouse property was from fissure veins crosscutting the southern flank of the Blockhouse anticline. The bulk of the mining was carried out on a single fissure vein, the Prest vein. The ore consisted mainly of quartz-bearing shales and slates containing variable sulfides (arsenopyrite, pyrite, pyrrhotite) up to about 10%. Vein widths were generally less than 0.5 metres. The Prest vein was stope mined over a strike length of about 300 metres to depths of about 60 metres, with some drifting carried out at the 90-metre level (Gillick, 2016).

A full description of historical work in the Blockhouse area is provided in NSDNR assessment reports ME 21A/08C 21-L-03(10) and ME 1989-105.

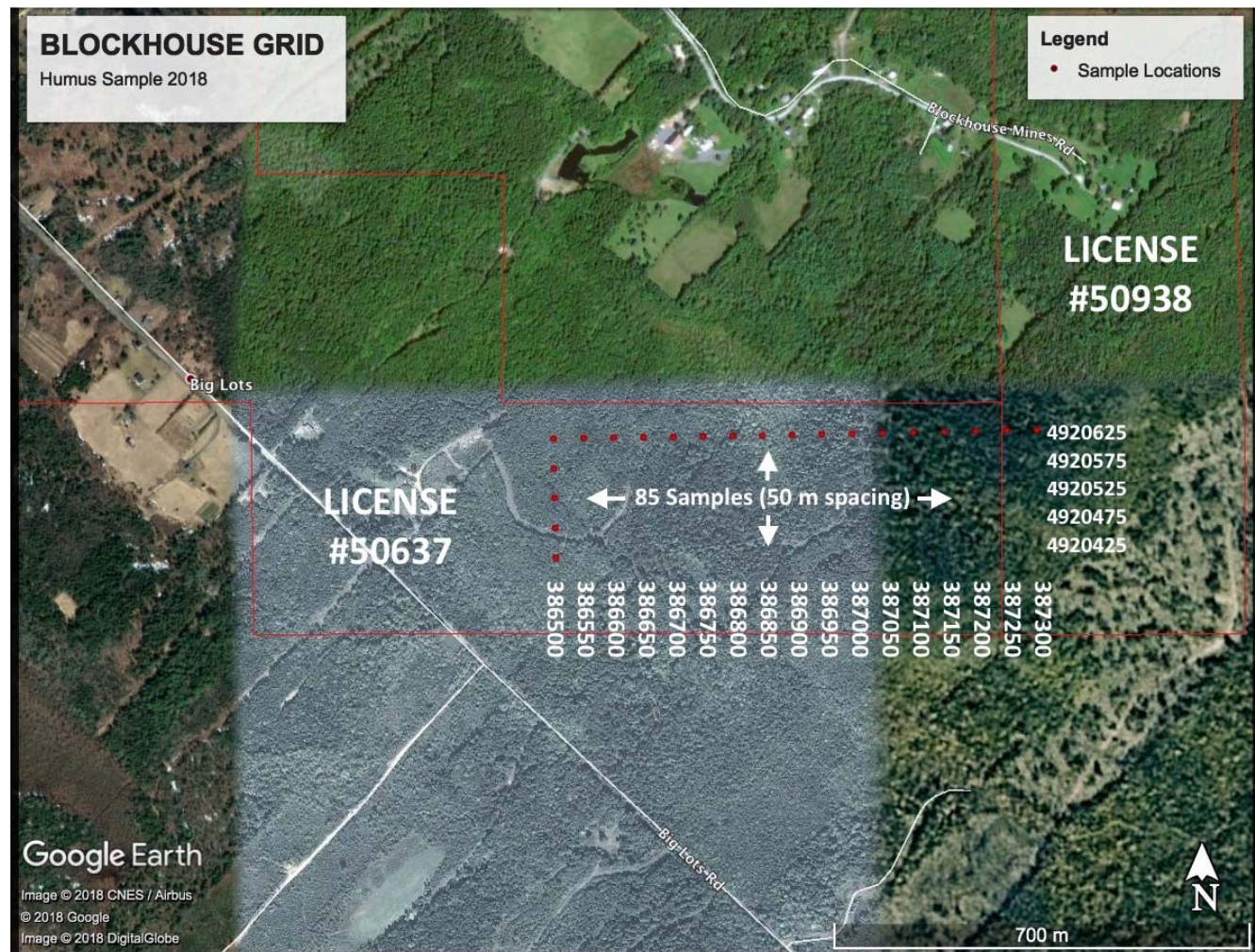
Figure 2 - Local Geology



6.0 Work Preformed

Beginning in late May to early July 2018, a gridded humus sample program (Figure 3) was completed by John Shurko of Chester, NS and Shane Higbee of New Ross, NS. A total of 85 samples including 5 duplicates were sent to AGAT Laboratories in Mississauga in Ontario for gold assay analysis (fire assay with ICP-OES finish). The grid was designed below the Goldenville-Halifax contact (approximately dipping 45 degrees to the southeast) to investigate potential lithogeochemical signatures that may identify near surface veins crosscutting the southern flank of the Blockhouse anticline and along the SW-NE trend of the primary vein zones. During the sample program, J. Shurko commented that float rock which consisted of quartz vein and visible gold had been encountered.

Figure 3 - 2018 Proposed Soil Grid



The 85 samples were taken from the A Horizon, with organics, ranging from 1-18 cm depth, for an average of 6 cm. Most of the samples above the mean are clay-silt rich (Ah) or often poorly developed and rich with organics. Below the mean, soil appears sandy with pebbles. Vegetation is mostly mixed Ash, Birch and other softwood, with occasional mossy or saturated areas.

A humus sampling protocol used for the program was written by Shane Higbee and is provided in Appendix A. A full summary of field observations and sample locations are also provided in Appendix B.

7.0 Discussion of Results

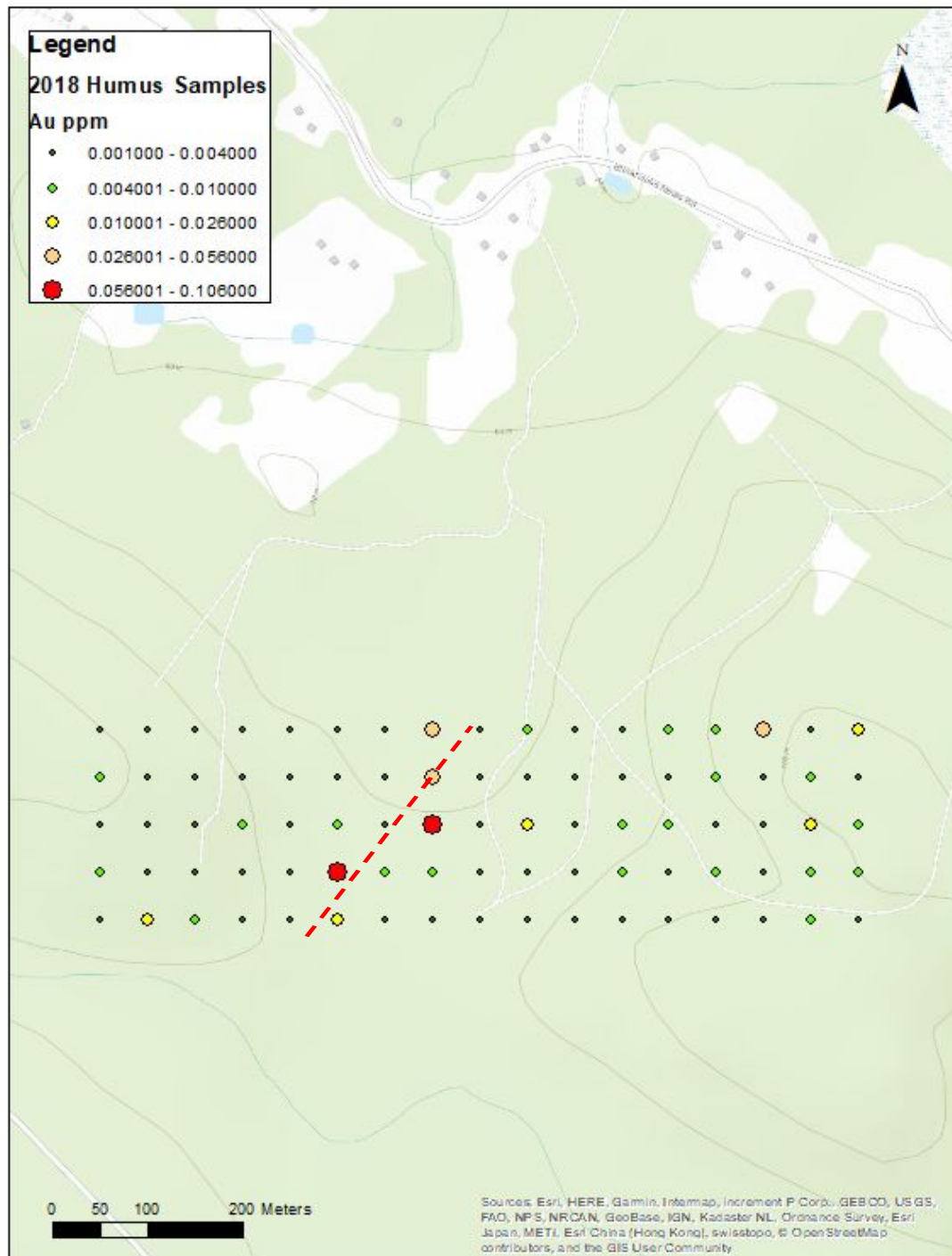
Of the 85 samples, two samples BH-18-48 and BH-18-57 were near or above 0.1 ppm and are considered significant. Other highlighted samples are provided in Table 4 below. A total of 10 samples are over 0.010 ppm Au, with remaining samples ranging from 0.002 to 0.008, averaging 0.0036 and considered to be background. All analytical results and QA/QC are provided in Appendix C.

Table 4. 2017 Humus Sample Result Highlights

Sample No.	UTM Easting:	UTM Northing:	Au ppm	Depth (cm)	Horizon
BH-2018-R01	387300	4920625	0.017	5	O-AH
BH-2018-R08	387250	4920525	0.013	4	O-AH
BH-2018-R11	378200	4920625	0.056	5	O
BH-18-17	387150	4920575	0.010	2	O
BH-18-48	386850	4920525	0.106	12	O-?
BH-18-49	386850	4920575	0.033	12	O
BH-18-50	386850	4920625	0.041	16	O
BH-18-56	386750	4920425	0.015	10	O-AH
BH-18-57	386750	4920475	0.092	10	O-AH
BH-18-76	386550	4920425	0.026	4	O

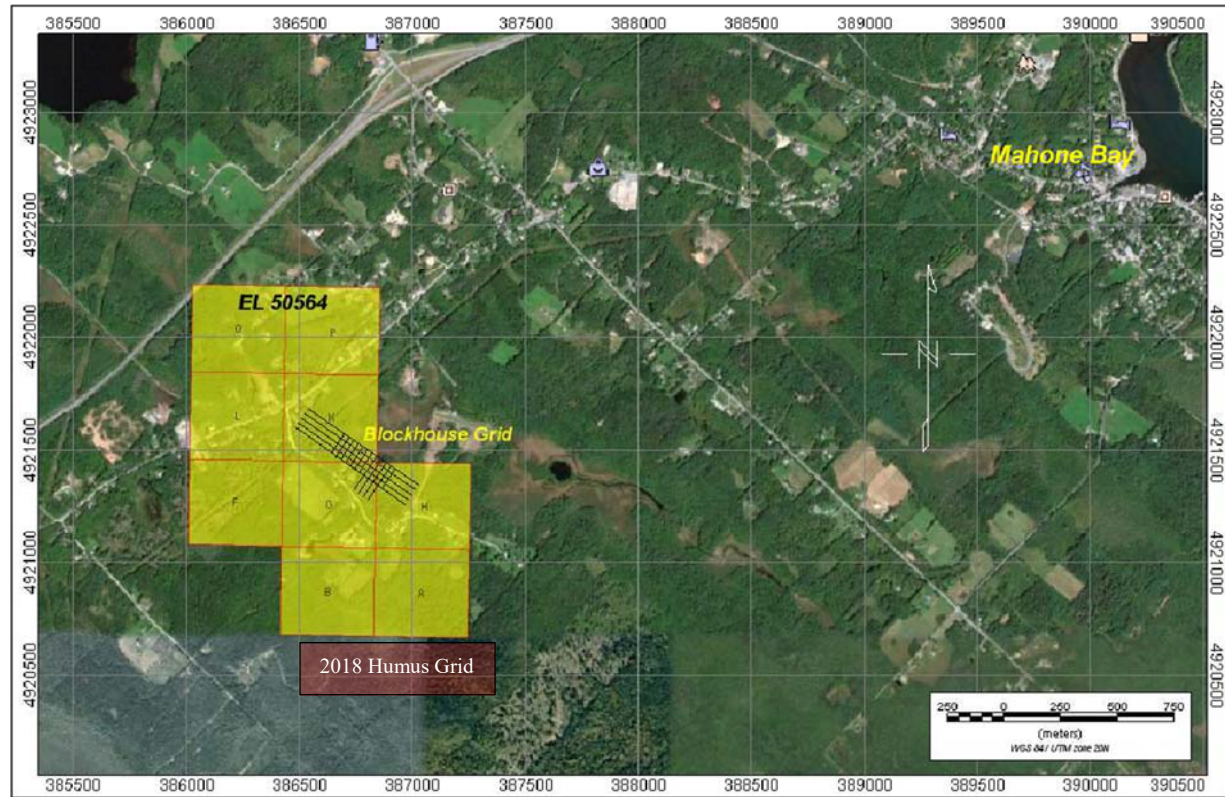
Both BH-18-48 and BH-18-57 samples were located locally to one another and along an apparent SW-NE trend with the highest collected values (Figure 4). It is also noted that slightly increased values are observed towards an area of relief in the east-northeast area of the grid.

Figure 4- 2018 Humus Plotted Analytical Results



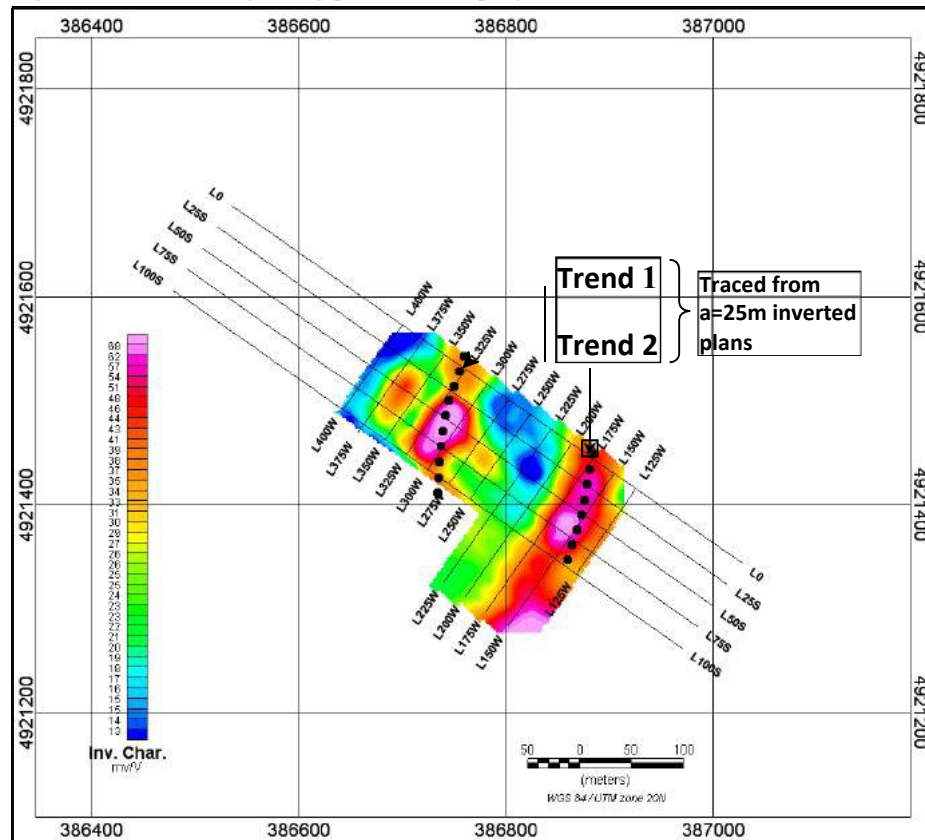
Two well-defined trends were interpreted striking at about N12°E across the long IP/Res survey lines directly north of the 2018 Humus sample grid (Figures 5 and 6). The trends are characterized by high chargeability and low resistivity and may represent mineralized faults/shears crosscutting the Blockhouse anticline, or mineralized dilational faults, roughly parallel to the axis of the anticline (Gillick, 2016). The apparent trend of the humus grid anomaly corresponds with a similar northeast direction.

Figure 5 - 2016 IP/Res Grid and 2018 Humus Grid Locations



Taken from Gillick, 2016.

Figure 6 - Inverted chargeability plan at 15m depth for $a=10m$ data



Taken from Gillick, 2016.

8.0 Conclusions and Recommendations

Previous drilling in 2016 discovered over 10m of 1 g/t Au at a true depth of approximately 26m in BH-17-01. This intersection occurs at a cross fault to the Prest fissure vein. The extent of this zone or similar zones on the property where bedding parallel offset faults occur may provide near surface exposures. Two well-defined trends were interpreted striking at about N12°E from IP\Res survey conducted by Gillick in 2016. An apparent trend directly south of the IP/Res trends was also observed in the 2018 humus survey data striking approximately N25 °E. Based on the expected gentle dip, it can be reasonable to think near surface anomalies can be explored further on Licences 50637 and 50938. Further recommendations on the property include:

- Additional humus sampling towards the west of EL 50637, along a corridor towards the northern IP/Res trends, and to also extend to the east immediately around the area of relief on EL 50938;
- continued accurate remapping of the property to locate previously mapped veins, contacts, and faults. This data should be compiled and displayed with current and future geochemical sample results;
- as Gillick suggested in 2016, magnetometer surveying should be carried out on the IP/Res grid to further investigate the IP trends as well as to aid in mapping structure which can provide insight towards the south as well;
- a trenching program would be beneficial in areas where anomalous geochemistry is identified, especially in historically noted areas where veining and structure may be at surface.
- further extension along the SW/NE IP grid lines with attention to the north flank of the Blockhouse anticline; and
- further drilling to define the size and extent and to test additional faults along these trends.

9.0 References

Gillick, R. E. 2016: Report on IP Surveying on the Blockhouse Property, Lunenburg County, Nova Scotia.

Goodwin, T. A., Smith, P. K. and Parsons, M. B. 2004: in Mineral Resources Branch, Report of Activities 2003; Nova Scotia Department of Natural Resources, Report 2004-1, p. 7-14.

Lockerby, A.W. 1981: Work Report Blockhouse Claim Group License No 6642; Nova Scotia Department of Natural Resources, Assessment Report ME21AO8C_21-L-03_08_434225

MarketWired. (May 10, 2016). *Genius Acquires Blockhouse Gold Property* [News Release]. Retrieved from <http://www.marketwired.com/press-release/genius-acquires-blockhouse-gold-property-cnsx-gni-2123222.htm>

MacKay, A. 2017: 2016 IP/Resistivity and Drilling at Blockhouse Mine, Blockhouse, Nova Scotia; Nova Scotia Department of Natural Resources, Assessment Report

Tilsley, J.E. 1982: Blockhouse Gold Prospect for First Ohio Explorations.; Nova Scotia Department of Natural Resources, Assessment Report 1982-434663

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Tilsley, J.E. 1989: Lotus resources Ltd. Blockhouse Property; Nova Scotia Department of Natural Resources, Assessment Report 1989-105

Keppie, J. D. 2000: Geological Map of the Province of Nova Scotia; Nova Scotia Department of Natural Resources, Map ME 2000-1, scale 1:500 000.

10.0 Statement of Qualifications

I, Jeffrey T. Burke, P.Geo of Cole Harbour, Nova Scotia do hereby certify that:

1. I am a qualified author for Nova Scotia exploration assessment reports.
2. I received a Bachelor of Science Degree (Geology) in 2011 from Saint Mary's University in Halifax, NS.
3. I am a registered member in good standing of the Association of Professional Geoscientists of Nova Scotia (Registration Number 249).
4. I have worked as a geologist in Nova Scotia and abroad since graduation.

Dated this 20 day of August, 2018

Original signed and stamped by:

"Jeffrey T. Burke"



Signature: J. Burke
Date: Aug 20/2018

Appendix A

Protocol for Humus Sampling

Shane Higbee, B.Sc.

Introduction:

It is well established that plants are capable of incorporating metallic elements contained within ground water and soil into their organic material (Levinson 1974). Generally, plants produce organic material that seasonally falls and accumulates on top of overburden or bedrock. The accumulation and decomposition of this organic material leads to the production of humus and is one of the many components of soil development. Traditionally, humus samples are first combusted to ash, followed by acid extraction and then analysis by ICP-MS for trace element concentrations.

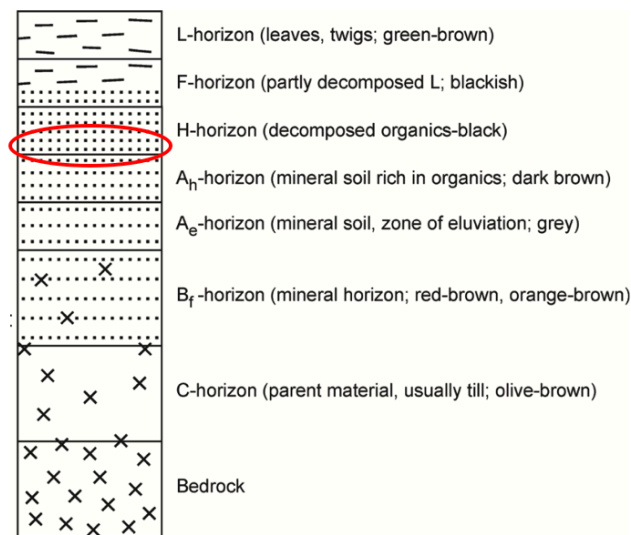


Figure 1. Schematic diagram of idealized soil profile showing preferred sampling medium.
(Modified from Goodwin 2008)

Procedure:

- 1) Record the local sampling site information (e.g. vegetation, organic litter, moisture)
- 2) Using a trowel, cut a circular pit into the organic material that extends into the mineral soil
- 3) Using your hands excavate the humus material from the walls of the pit
- 4) Obtain at least 300 g (Goodwin et al 2004) of sample and put it in a paper bag
- 5) Record sampling depth
- 6) Seal and label bag
- 7) Record the sampling pits UTM coordinates

References:

- Levinson, A.A. 1974. Introduction to Exploration Geochemistry. Applied Publishing Ltd. Wilmette. Illinois. 383-408
- Goodwin, T. A. 2008. A Comparison of Horizon-based Versus Depth-based Soil Sampling. Mineral Resources Branch, Report of Activities 2007; Nova Scotia Department of Natural Resources, Report ME 2008-1, 13-19.
- Goodwin, T.A., Smith, P.K. and Parsons, M.B. 2004 Multi-element Distribution in Humus, Soil, Till, Rock

and Tailings Associated with Historic Gold Districts of the Meguma Zone, Nova Scotia, Canada. Mineral Resources Branch, Report of Activities 2003; Nova Scotia Department of Natural Resources, Report 2004-1, 7-14.

Appendix B

Humus Sample Collection Information			Date: May 24, 2018 - May 25, 2018 Recollect samples 1-16/20: July 1			Location: Blockhouse, Nova Scotia Weather May 24th: Sunny with clouds, 7-13°C Weather May 25th: Overcast, light drizzle in AM, sunny in afternoon, 7-13°C Weather July 1st: Mix of sun and cloud, 15-18°C					Company: Genius Properties Ltd.	
			Au ppm	Vegetation	Depth (cm)	Horizon	Colour	Texture	Moisture	Field Duplicate #	Notes:	
BH-2018-R01	387300	4920625	0.017	Mostly softwood, moss	5	O-AH	Black	Clay-Rich	Moderate - Dry		Abundant roots	
BH-2018-R02	387300	4920575	0.004	Mixed - Ash, Birch, Softwood	7	O-AH	Brown/Black	Clay - Silt	Moderate - Dry		Thin layer of organics, Leaf mulch, Fern needles	
BH-2018-R03	387300	4920525	0.005	Mostly softwood, moss	3	O-AH	Brown/Black	Clay - Silt	Moderate - Dry		Abundant fir needles in humus	
BH-2018-R04	387300	4920475	0.005	Mostly softwood, moss	4	O-AH	Light Brown	Sand - Minor Pebbles	Moderate		Thin layer of organics, Abundant leaf cover, no moss, Slope	
BH-2018-R05	387300	4920425	0.003	Mixed - Ash, Birch, Softwood	4	O-AH	Very Light Brown	Clay-Rich	Moderate - Dry		In depression, Abundant leaf cover, Minor moss	
BH-2018-R06	387250	4920425	0.005	Mixed - Ash, Birch, Softwood	4	O-AH	Black/Red/Brown	Sand	Dry	#86	Leaf cover, Pine needles, Moss	
BH-2018-R07	387250	4920475	0.005	Mixed - Ash, Birch, Softwood	4	O	Brown	Clay - Silt	Moderate - Dry		Leaf litter, Moss, Ferns, Thin layer of organics	
BH-2018-R08	387250	4920525	0.013	Mostly softwood, moss	4	O-AH	Light Brown	Sand - Silt	Moderate - Dry		Slope, Thin layer of organics, Pine needles, Leaf debris	
BH-2018-R09	387250	4920575	0.006	Mostly softwood, moss	4	O-AH	Pale Brown	Clay-Rich	Moderate - Dry		Pine needles, Bark, Moss	
BH-2018-R10	387250	4920625	0.004	Mostly softwood, moss	6	O-AH	Pale Brown	Clay-Rich	Moderate - Dry		Moss, Mixed w/pine cones, Fern needles	
BH-2018-R11	378200	4920625	0.056	Softwood, Moss	5	O	Black	Sand	Moderate - Dry		Fir needles, Abundant moss, Abundant roots	
BH-2018-R12	378200	4920575	0.003	Mostly softwood, moss	6	O-AH	Black/Light Brown	Sand - Pebbles	Moderate		Abundant moss, Fir and pine needles	
BH-2018-R13	378200	4920525	0.004	Mostly softwood, moss	1	O-AH	Black/Light Brown	Pebbles	Moderate - Dry		Fir and pine needles	
BH-2018-R14	378200	4920475	0.003	Mixed - Ash, Birch, Softwood	6	O-AH	Black/Light Brown	Clay - Silt	Moderate - Dry		Minor moss, Ferns, Clovers	
BH-2018-R15	378200	4920425	0.003	Mixed - Ash, Birch, Softwood, Clovers	4	O	Light Brown	Sand	Moderate - Dry		Spruce needles, Moss, Leaf litter	
BH-2018-R20	387150	4920625	0.007	Mostly softwood, moss	6	O-AH	Black/Light Brown	Sand - Silt	Moderate - Dry		Abundant moss	
BH-18-17	387150	4920575	0.010	Mostly softwood, moss	2	O	Dark Brown/Black	Sand	Moist		Abundant pine needles, Moss	
BH-18-18	387150	4920525	0.003	Mostly softwood, moss	3	O-AH	Dark Brown/Black	Sand	Dry	#87	Minor leaf debris, Fir needles, Moss	
BH-18-19	387150	4920475	0.005	Mixed - Ash, Birch, Softwood, Ferns	3	O	Dark Brown/Black	Sand	Dry		Fir needles, Leaf litter, Moss, Large rock pit, Abundant roots, Thin organic layer	
BH-18-20	387150	4920425	0.002	Mixed - Ash, Birch, Softwood, Grass	2	O-AH	Light Brown/Brown	Clay-Rich	Moderate		Leaf litter, Thin layer of organics	
BH-18-21	387100	4920425	0.004	Mostly softwood, moss	10	O-AH	Light Brown/Black	Clay-Rich	Moderate		Leaf litter, Abundant moss	
BH-18-22	387100	4920475	0.003	Mixed - Ash, Birch, Softwood, Ferns	12	O-AH	Dark Brown/Black	Clay - Silt	Moderate		Fir needles, Leaf litter, Thin layer of organics	
BH-18-23	387100	4920525	0.006	Mostly softwood, moss	5	O-AH	Black/Light Brown	Sand - Silt	Dry to Moist		Abundant fir needles, Minor moss	
BH-18-24	387100	4920575	0.002	Mostly softwood, moss	4	O-AH	Black/Light Brown	Silt	Moderate		Abundant moss, Minor leaf litter, Fir needles in humus	
BH-18-25	387100	4920625	0.005	Mostly softwood, moss	8	O-AH	Black/Light Brown	Clay - Silt	Moderate		Abundant moss, Abundant pine needles, Thick organic layer	
BH-18-26	387050	4920625	0.004	Mostly softwood, moss	3	O - ?	Black/Light Brown	Clay - Silt	Very Wet		Close to brook, Abundant moss	
BH-18-27	387050	4920575	0.003	Mixed - Ash, Birch, Softwood	3	O-AH	Black/Light Brown	Clay - Silt	Moderate		Abundant leaf litter, Minor pine needles, Thin layer of organics	
BH-18-28	387050	4920525	0.007	Mostly softwood, moss	10	O-AH	Black/Light Brown	Clay-Rich	Moderate		Leaf litter, Pine needles, Minor moss	
BH-18-29	387050	4920475	0.006	Mostly softwood, moss	12	O-AH	Black/Dark Grey	Clay	Moderate	#88	Leaf litter, Pine needles, Thick organic layer	
BH-18-30	387050	4920425	0.003	Mostly softwood, moss	6	O-AH	Black/Light Brown	Clay-Rich	Moderate		Abundant fir needles, Minor leaf litter, Moss	
BH-18-31	387000	4920425	0.002	Mostly softwood, moss	2	O-AH	Black/Light Brown	Silt	Dry		Abundant pine needles, Twigs, Minor moss	
BH-18-32	387000	4920475	0.002	Mostly softwood, moss	12	O-AH	Black/Light Brown	Sand - Minor Pebbles	Dry		Abundant pine needle, Moss	
BH-18-33	387000	4920525	0.003	Mostly softwood, moss	8	O-AH	Black/Light Brown	Clay	Moderate		Abundant pine and fir needles, Moss	
BH-18-34	387000	4920575	0.002	Mostly softwood, moss	8	O-AH	Black/Light Brown	Clay	Moderate		Abundant moss, Minor pine needles, Abundant roots	
BH-18-35	387000	4920625	0.002	Mostly softwood, moss	9	O-AH	Black/Light Brown	Clay - Silt	Moderate		Well developed soil profile, Abundant moss, Abundant pine needles	
BH-18-36	386950	4920625	0.010	Mostly softwood, moss	7	O-AH	Black/Light Brown	Clay	Moderate	#89	Abundant moss, Minor leaf litter, Pine needles, Abundant roots	
BH-18-37	386950	4920575	0.003	Mostly softwood, moss	14	O-AH	Black/Light Brown	Sand - Silt	Moist		Well developed soil profile, Abundant moss, Pine needles, Thick organic layer	

BH-18-38	386950	4920525	0.023	Mostly softwood, moss	10	O-AH	Black/Grey/Brown	Clay	Moderate		Well developed soil profile, Abundant fir needles, Minor moss, Very thick organic layer
BH-18-39	386950	4920475	0.003	Mixed - Ash, Birch, Softwood	4	O-?	Black/Dark Brown	Clay - Silt	Very Wet		Abundant leaf litter, Abundant roots, Large boulders
BH-18-40	386950	4920425	0.002	Mixed - Ash, Birch, Softwood	9	O-AH	Black/Light Brown	Clay - Silt	Moderate		Abundant leaf litter, Minor pine needles, Moss
BH-18-41	386900	4920425	0.002	Mixed - Ash, Birch, Softwood	2	O-?	Dark Brown/Red Brown	Clay	Very Moist		Poor developed soil profile, Abundant leaf litter, Twigs, Very thick organic layer
BH-18-42	386900	4920475	0.004	Mostly softwood, moss	4	O-?	Black/Grey	Clay	Very Moist		Poor developed soil profile, Abundant leaf litter, Ferns
BH-18-43	386900	4920525	0.002	Mixed - Ash, Birch, Softwood	4	O-?	Black/Light Grey	Clay	Very Wet		Poor developed soil profile, Abundant leaf litter, Ferns
BH-18-44	386900	4920575	0.002	Mostly softwood, moss	8	O-?	Black/Grey	Clay	Very Wet		Poor developed soil profile, Abundant moss, Pine needles
BH-18-45	386900	4920625	0.004	Mixed - Ash, Birch, Softwood	6	O	Black	N/A	Moderate		Swamp, Abundant moss, Minor leaf litter - Boulders in pit, only organics sampled
BH-18-46	386850	4920425	0.004	Mostly softwood, moss	10	O-AH	Black/Dark Brown	Clay - Silt	Moderate		Abundant pine, Minor moss, Thick organic layer
BH-18-47	386850	4920475	0.005	Mostly softwood, moss	8	O-AH	Black/Dark Brown	Pebbles/Sand	Moderate		Pine and fir needles, Abundant moss
BH-18-48	386850	4920525	0.106	Mixed - Ash, Birch, Softwood	12	O-?	Black/Grey	Clay	Very Wet		Swamp area, Poor developed soil profile, Minor leaf litter, Abundant moss, Clovers
BH-18-49	386850	4920575	0.033	Mostly softwood, moss	12	O	Black	N/A	Very Wet		Swamp area, Leaf litter, Ferns, Abundant moss
BH-18-50	386850	4920625	0.041	Mixed - Ash, Birch, Softwood	16	O	Black	N/A	Very Wet		Swamp area, Leaf litter, Ferns, Abundant moss, Very thick organic layer
BH-18-51	386800	4920625	0.003	Mixed - Ash, Birch, Softwood	4	O-?	Black/Dark Grey	Clay	Very Wet		Swamp area, Abundant leaf litter, Moss, Ferns
BH-18-52	386800	4920575	0.004	Mostly softwood, moss	18	O-AH	Black/Light Grey	Pebbles/Sand	Dry	#90	Well developed soil profile, Rocks, Abundant moss and twigs, Minor leaf litter
BH-18-53	386800	4920525	0.002	Mostly softwood, moss	14	O-AH	Black/Grey	Pebbles/Sand	Moderate		Clearing, Well developed soil profile, Abundant moss, Pine and fir needles
BH-18-54	386800	4920475	0.006	Mostly softwood, moss	8	O-AH	Black/Light Brown	Clay	Very Wet		Abundant fir and pine needles
BH-18-55	386800	4920425	0.003	Mostly softwood, moss	4	O-AH	Black/Light Brown	Sand	Moist		Abundant pine needles
BH-18-56	386750	4920425	0.015	Mostly softwood, moss	10	O-AH	Black/Light Brown	Clay	Moderate		Abundant pine needles, Moss
BH-18-57	386750	4920475	0.092	Mostly softwood, moss	10	O-AH	Black/Light Brown	Clay - Silt	Moist		Well developed soil profile, Abundant pine needles, Moss, Twigs
BH-18-58	386750	4920525	0.008	Mostly softwood, moss	12	O-AH	Black/Light Brown	Sand	Moist		Abundant moss, Thick organic layer
BH-18-59	386750	4920575	0.003	Mostly softwood, moss	8	O-AH	Black/Light Brown	Clay - Silt	Moist		Wood material in organics
BH-18-60	386750	4920625	0.004	Mixed - Ash, Birch, Softwood	4	O-AH	Black/Light Brown	Clay	Moderate		Poor developed soil profile, Abundant moss, Minor leaf litter, Very thick organic layer
BH-18-61	386700	4920625	0.002	Mixed - Ash, Birch, Softwood	4	O-?	Black/Brown	Clay - Silt - Pebbles	Moderate		Poor developed soil profile, Abundant leaf litter
BH-18-62	386700	4920575	0.004	Mostly softwood, moss	4	O-?	Black/Brown	Clay - Silt	Moderate		Poor developed soil profile, Minor leaf litter, Pine needles and twigs
BH-18-63	386700	4920525	0.004	Mostly softwood, moss	4	O-?	Black/Brown	Clay - Silt	Moderate		Clearing, Poor developed soil profile, Abundant moss, Minor pine and fir needles, Thin org layer
BH-18-64	386700	4920475	0.003	Mostly softwood, moss	6	O-AH	Black/Light Brown	Pebbles/Sand	Moderate		Clearing, Abundant moss, Minor pine and fir needles
BH-18-65	386700	4920425	0.003	Mixed - Ash, Birch, Softwood	6	O-AH	Black/Light Brown	Clay - Silt	Moderate		Clearing, Well developed soil profile, Moss, Leaf litter, Pine needles, Thick organic layer
BH-18-66	386650	4920425	0.002	Mixed - Ash, Birch, Softwood	4	O-AH	Black/Light Brown	Clay - Pebbles	Moderate		Clearing, Grass, Moss, Thin organic layer
BH-18-67	386650	4920475	0.003	Mostly softwood, moss	6	O-AH	Black/Light Brown	Clay - Pebbles	Moist		Moss, Minor pine needles, Minor leaf litter
BH-18-68	386650	4920525	0.006	Mostly softwood, moss	2	O	Black	N/A	Very Wet		Abundant leaf litter, Pine needles, Moss, Thin organic layer
BH-18-69	386650	4920575	0.003	Mixed - Ash, Birch, Softwood	6	O	Black	N/A	Moist		Abundant leaf litter, Abundant roots
BH-18-70	386650	4920625	0.003	Mixed - Ash, Birch, Softwood	1	O	Black	N/A	Dry		Poor developed soil profile, Leaf litter, Moss
BH-18-71	386600	4920625	0.003	Mixed - Ash, Birch, Softwood	4	O-AH	Black/Brown	Pebbles/Sand	Moist		Abundant leaf litter, Twigs
BH-18-72	386600	4920575	0.004	Mixed - Ash, Birch, Softwood	2	O	Black	N/A	Moderate		Abundant leaf litter, Fir needles
BH-18-73	386600	4920525	0.003	Mixed - Ash, Birch, Softwood	2	O	Black	N/A	Moderate		Abundant pine needles, Leaf litter
BH-18-74	386600	4920475	0.002	Mixed - Ash, Birch, Softwood	6	O-AH	Black/Brown	Clay - Silt	Moderate		Leaf litter, Pine needles, Twigs
BH-18-75	386600	4920425	0.006	Mixed - Ash, Birch, Softwood	2	O	Black	N/A	Moderate		Abundant leaf litter, Thin humus layer
BH-18-76	386550	4920425	0.026	Mixed - Ash, Birch, Softwood	4	O	Black	N/A	Very Wet		Leaf litter, Pine needles
BH-18-77	386550	4920475	0.002	Mostly softwood, moss	3	O-AH	Black/Light Brown	Sand - Pebbles	Moist		Thicket, Abundant leaf litter, Pine needles
BH-18-78	386550	4920525	0.003	Mixed - Ash, Birch, Softwood	2	O	Black	N/A	Moist		Leaf litter, Abundant moss
BH-18-79	386550	4920575	0.001	Mixed - Ash, Birch, Softwood	6	O-AH	Black/Light Brown	Clay - Silt	Moderate		Abundant leaf litter, Twigs, Decayed wood
BH-18-80	386550	4920625	0.004	Mostly hardwood	1	O	Dark Brown	N/A	Dry		Poor developed soil profile, Very thin organic layer

BH-18-81	386500	4920625	0.002	Mixed - Ash, Birch, Softwood	4	O - ?	Black/Dark Brown	Clay - Pebbles	Moderate		Abundant leaf litter
BH-18-82	386500	4920575	0.006	Mixed - Ash, Birch, Softwood	6	O-AH	Black/Dark Brown	Clay - Silt	Moderate		Leaf litter, Pine needles, Twigs
BH-18-83	386500	4920525	0.002	Mostly softwood, moss	8	O-AH	Black/Light Brown	Clay - Silt - Pebbles	Moderate		Moss, Pine needles, Minor leaf litter
BH-18-84	386500	4920475	0.007	Mixed - Ash, Birch, Softwood	6	O-AH	Black/Grey	Pebbles	Moist		Well developped soil profile, Leaf litter, Pine needles
BH-18-85	386500	4920425	0.003	Mixed - Ash, Birch, Softwood	10	O-AH	Black/Grey	Clay - Pebbles	Dry		Leaf litter, Minor moss, Pine needles
DUPLICATES											
BH-2018-R19	387150	4920575	0.020	DUPLICATE OF BH-18-17							
BH-2018-86	387250	4920425	0.002	DUPLICATE OF BH-2018-R06							
BH-2018-87	387150	4920525	0.002	DUPLICATE OF BH-18-18							
BH-2018-88	387050	4920475	0.002	DUPLICATE OF BH-18-29							
BH-2018-89	386950	4920625	0.002	DUPLICATE OF BH-18-36							
BH-2018-90	386800	4920575	0.003	DUPLICATE OF BH-18-52							

Appendix C

CLIENT NAME: 21 ALPHA RESSOURCES Inc.
2764 Highway # 3, RR # 1
CHESTER, NS B0J 1J0
902-233-3746

ATTENTION TO: John Shurko

PROJECT: Genius Properties

AGAT WORK ORDER: 18T344589

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 10, 2018

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES



Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(200-) Sample Login Weight

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

Analyte: Sample Login Weight
Unit: kg
RDL: 0.01

Sample ID (AGAT ID)	0.01
BH-2018-R01 (9283310)	0.09
BH-2018-R02 (9283311)	0.19
BH-2018-R03 (9283312)	0.18
BH-2018-R04 (9283313)	0.18
BH-2018-R05 (9283314)	0.24
BH-2018-R06 (9283315)	0.20
BH-2018-R07 (9283316)	0.18
BH-2018-R08 (9283317)	0.13
BH-2018-R09 (9283318)	0.15
BH-2018-R10 (9283319)	0.23
BH-2018-R11 (9283320)	0.16
BH-2018-R12 (9283321)	0.20
BH-2018-R13 (9283322)	0.20
BH-2018-R14 (9283323)	0.25
BH-2018-R15 (9283324)	0.23
BH-2018-R16 (9283325)	0.18
BH-18-17 (9283326)	.245
BH-18-18 (9283327)	.245
BH-18-19 (9283328)	.187
BH-18-20 (9283329)	.248
BH-18-21 (9283330)	.278
BH-18-22 (9283331)	.253
BH-18-23 (9283332)	.296
BH-18-24 (9283333)	.249
BH-18-25 (9283334)	.236
BH-18-26 (9283335)	.304
BH-18-27 (9283336)	.249
BH-18-28 (9283337)	.257
BH-18-29 (9283338)	.306
BH-18-30 (9283339)	.292
BH-18-31 (9283340)	.306

Certified By:

Sherin Moosaj



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(200-) Sample Login Weight

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

Analyte:	Sample Login Weight
Unit:	kg
RDL:	0.01

Sample ID (AGAT ID)	
BH-18-32 (9283341)	.312
BH-18-33 (9283342)	.232
BH-18-34 (9283343)	.272
BH-18-35 (9283344)	.281
BH-18-36 (9283345)	.256
BH-18-37 (9283346)	.264
BH-18-38 (9283347)	.192
BH-18-39 (9283348)	.259
BH-18-40 (9283349)	.323
BH-18-41 (9283350)	.358
BH-18-42 (9283351)	.231
BH-18-43 (9283352)	.297
BH-18-44 (9283353)	.205
BH-18-45 (9283354)	.198
BH-18-46 (9283355)	.258
BH-18-47 (9283356)	.271
BH-18-48 (9283357)	.187
BH-18-49 (9283358)	.176
BH-18-50 (9283359)	.243
BH-18-51 (9283360)	.248
BH-18-52 (9283361)	.217
BH-18-53 (9283362)	.307
BH-18-54 (9283363)	.231
BH-18-55 (9283364)	.190
BH-18-56 (9283365)	.209
BH-18-57 (9283366)	.290
BH-18-58 (9283367)	.210
BH-18-59 (9283368)	.277
BH-18-60 (9283369)	.267
BH-18-61 (9283370)	.222
BH-18-62 (9283371)	.255

Certified By:

Sherin Moosaj



Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(200-) Sample Login Weight

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
BH-18-63 (9283372)		.242
BH-18-64 (9283373)		.213
BH-18-65 (9283374)		.240
BH-18-66 (9283375)		.246
BH-18-67 (9283376)		.212
BH-18-68 (9283377)		.200
BH-18-69 (9283378)		.216
BH-18-70 (9283379)		.128
BH-18-71 (9283380)		.228
BH-18-72 (9283381)		.116
BH-18-73 (9283382)		.164
BH-18-74 (9283383)		.247
BH-18-75 (9283384)		.149
BH-18-76 (9283385)		.195
BH-18-77 (9283386)		.232
BH-18-78 (9283387)		.208
BH-18-79 (9283388)		.223
BH-18-80 (9283389)		.170
BH-18-81 (9283390)		.171
BH-18-82 (9283391)		.182
BH-18-83 (9283392)		.210
BH-18-84 (9283393)		.237
BH-18-85 (9283394)		.197
BH-18-86 (9283395)		.235
BH-18-87 (9283396)		.200
BH-18-88 (9283397)		.253
BH-18-89 (9283398)		.212
BH-18-90 (9283399)		.258
BH-2018-R19 (9388364)		0.23
BH-2018-R20 (9429750)		.092

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(200-) Sample Login Weight

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

Comments: RDL - Reported Detection Limit

Certified By:

Sherin Moosaj



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Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
BH-2018-R01 (9283310)	0.017
BH-2018-R02 (9283311)	0.004
BH-2018-R03 (9283312)	0.005
BH-2018-R04 (9283313)	0.005
BH-2018-R05 (9283314)	0.003
BH-2018-R06 (9283315)	0.005
BH-2018-R07 (9283316)	0.005
BH-2018-R08 (9283317)	0.013
BH-2018-R09 (9283318)	0.006
BH-2018-R10 (9283319)	0.004
BH-2018-R11 (9283320)	0.056
BH-2018-R12 (9283321)	0.003
BH-2018-R13 (9283322)	0.004
BH-2018-R14 (9283323)	0.003
BH-2018-R15 (9283324)	0.003
BH-2018-R16 (9283325)	0.002
BH-18-17 (9283326)	0.010
BH-18-18 (9283327)	0.003
BH-18-19 (9283328)	0.005
BH-18-20 (9283329)	0.002
BH-18-21 (9283330)	0.004
BH-18-22 (9283331)	0.003
BH-18-23 (9283332)	0.006
BH-18-24 (9283333)	0.002
BH-18-25 (9283334)	0.005
BH-18-26 (9283335)	0.004
BH-18-27 (9283336)	0.003
BH-18-28 (9283337)	0.007
BH-18-29 (9283338)	0.006
BH-18-30 (9283339)	0.003
BH-18-31 (9283340)	0.002
BH-18-32 (9283341)	0.002

Certified By:

Sherin Moosaj



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

BH-18-33 (9283342)	0.003
BH-18-34 (9283343)	0.002
BH-18-35 (9283344)	0.002
BH-18-36 (9283345)	0.010
BH-18-37 (9283346)	0.003
BH-18-38 (9283347)	0.023
BH-18-39 (9283348)	0.003
BH-18-40 (9283349)	0.002
BH-18-41 (9283350)	0.002
BH-18-42 (9283351)	0.004
BH-18-43 (9283352)	0.002
BH-18-44 (9283353)	0.002
BH-18-45 (9283354)	0.004
BH-18-46 (9283355)	0.004
BH-18-47 (9283356)	0.005
BH-18-48 (9283357)	0.106
BH-18-49 (9283358)	0.033
BH-18-50 (9283359)	0.041
BH-18-51 (9283360)	0.003
BH-18-52 (9283361)	0.004
BH-18-53 (9283362)	0.002
BH-18-54 (9283363)	0.006
BH-18-55 (9283364)	0.003
BH-18-56 (9283365)	0.015
BH-18-57 (9283366)	0.092
BH-18-58 (9283367)	0.008
BH-18-59 (9283368)	0.003
BH-18-60 (9283369)	0.004
BH-18-61 (9283370)	0.002
BH-18-62 (9283371)	0.004
BH-18-63 (9283372)	0.004
BH-18-64 (9283373)	0.003

Certified By:

Sherin Moosaj



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: May 29, 2018

DATE RECEIVED: May 29, 2018

DATE REPORTED: Aug 10, 2018

SAMPLE TYPE: Other

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
BH-18-65 (9283374)	0.003
BH-18-66 (9283375)	0.002
BH-18-67 (9283376)	0.003
BH-18-68 (9283377)	0.006
BH-18-69 (9283378)	0.003
BH-18-70 (9283379)	0.003
BH-18-71 (9283380)	0.003
BH-18-72 (9283381)	0.004
BH-18-73 (9283382)	0.003
BH-18-74 (9283383)	0.002
BH-18-75 (9283384)	0.006
BH-18-76 (9283385)	0.026
BH-18-77 (9283386)	0.002
BH-18-78 (9283387)	0.003
BH-18-79 (9283388)	0.001
BH-18-80 (9283389)	0.004
BH-18-81 (9283390)	0.002
BH-18-82 (9283391)	0.006
BH-18-83 (9283392)	0.002
BH-18-84 (9283393)	0.007
BH-18-85 (9283394)	0.003
BH-18-86 (9283395)	0.002
BH-18-87 (9283396)	0.002
BH-18-88 (9283397)	0.002
BH-18-89 (9283398)	0.002
BH-18-90 (9283399)	0.003
BH-2018-R19 (9388364)	0.020
BH-2018-R20 (9429750)	0.007

Comments: RDL - Reported Detection Limit

Certified By:

Sherin Moosaj



AGAT Laboratories

Quality Assurance - Replicate
AGAT WORK ORDER: 18T344589
PROJECT: Genius Properties

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

Parameter															



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

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CLIENT NAME: 21 ALPHA RESSOURCES Inc.

ATTENTION TO: John Shurko

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

Parameter	CRM #1 (ref.SK62)				CRM #2 (ref.GS5R)				CRM #3 (ref.OxA89)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	4.075	3.973	97%	90% - 110%	5.29	5.07	96%	90% - 110%	0.0836	0.0761	91%	90% - 110%				

Method Summary

CLIENT NAME: 21 ALPHA RESSOURCES Inc.

AGAT WORK ORDER: 18T344589

PROJECT: Genius Properties

ATTENTION TO: John Shurko

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES