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Diamond Drilling Report
on the
Bond-Currie Project
for
New Break Resources Ltd.

By

April 15, 2022,

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Summary

New Break Resources Ltd. has completed a seven-hole diamond drill program totaling 2051.2 meters on the Bond-Currie Property within the Abitibi belt of northeastern Ontario. The drilling was carried out by NPLH Drilling based in Timmins, Ontario with all assaying performed by Activation Labs of Timmins, Ontario.

Core logging was carried out by Peter Caldbick P. Geo and Mark Terry of Timmins, Ontario. Core sawing and logistical services were provided by Doug Bryant of Timmins, Ontario. The work was carried out from March 28, 2020, through to June 1, 2020.

A total of 686 core samples were analyzed for gold by fire assay and the base metal content by multi-element ICP aqua-regia analysis. The core logging and sawing was carried out in a rented facility in Timmins, Ontario and drill core was transported from the drill site by truck using NPLH personnel.

Work was carried out under exploration permit PR-19-000092. Location coordinates outlined in this report are in the coordinate system UTM NAD83 Zone 17N.

Location and Access

The Bond-Currie property is located about 50 kilometers east of the center of the city of Timmins along highway 101, and about 25 km southeast of the Hoyle Pond mine and immediately to the south-east of Moose Lake. It lies across the boundaries between Macklem, Thomas, Bond, and Currie townships. The location of the Bond-Currie property is presented in Figure 1.

The western part of the property may be reached by turning south of Highway 101 onto the Gibson Lake Road and travelling south for about five kilometers to the June Lake turnoff. This road leads east for some distance but the final access to the western boundary requires Argo or ATV travel

The eastern part of the property may be accessed by continuing east along Highway 101 to the village of Shillington, and then turning south on the all-season Grindstone gravel road which runs along the boundary between Bond and Currie townships for about four kilometers. This road crosses the property from north to south.

From this road, access to most parts of the property is difficult because it is hampered by thick growths of black spruce and by cedar swamps which also limit outcrop exposure.

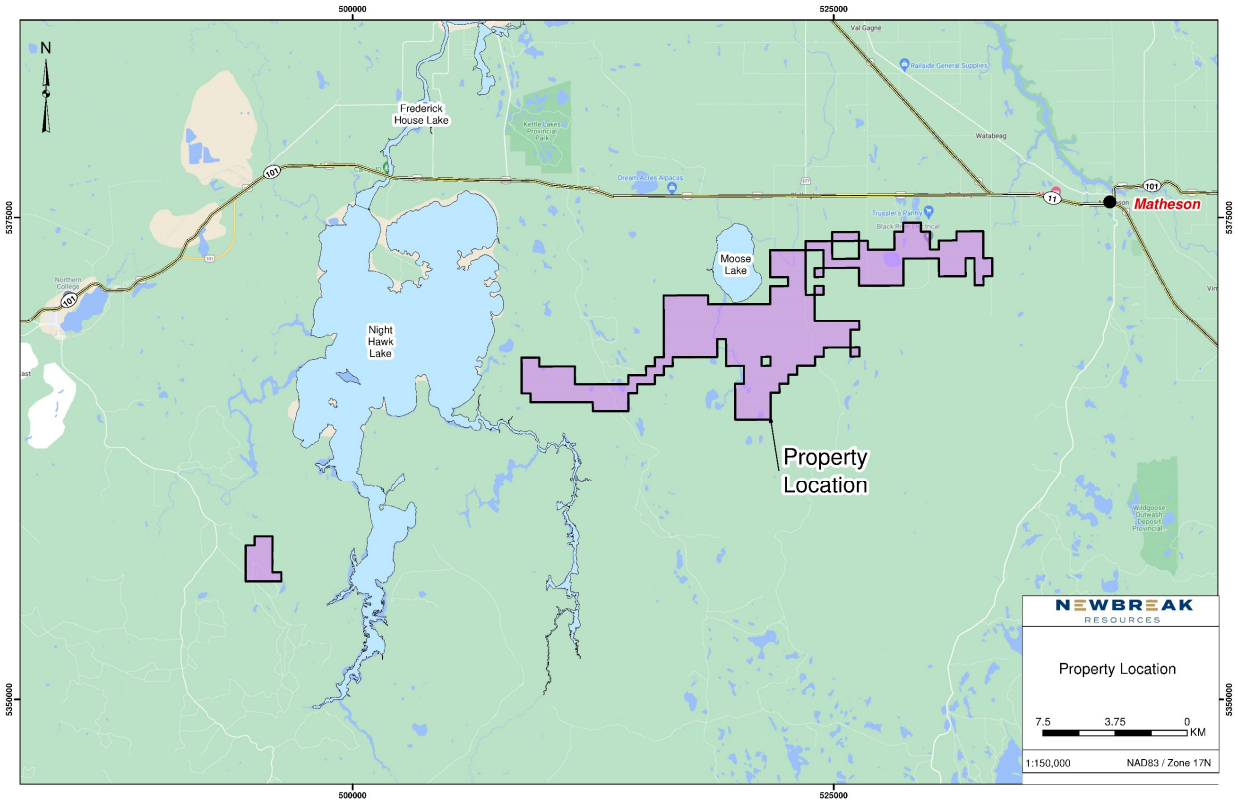


Figure 1: Location Map, Bond-Currie Property

Claim Status

The Bond-Currie Property is comprised of 301 cells held under option by New Break Resources Ltd. at the time diamond drilling activities were completed. The drilling was carried out on cells 115757, 155453 and 274738 (Figure 4). The status of the individual cells is displayed in Figure 2 and Appendix 1.

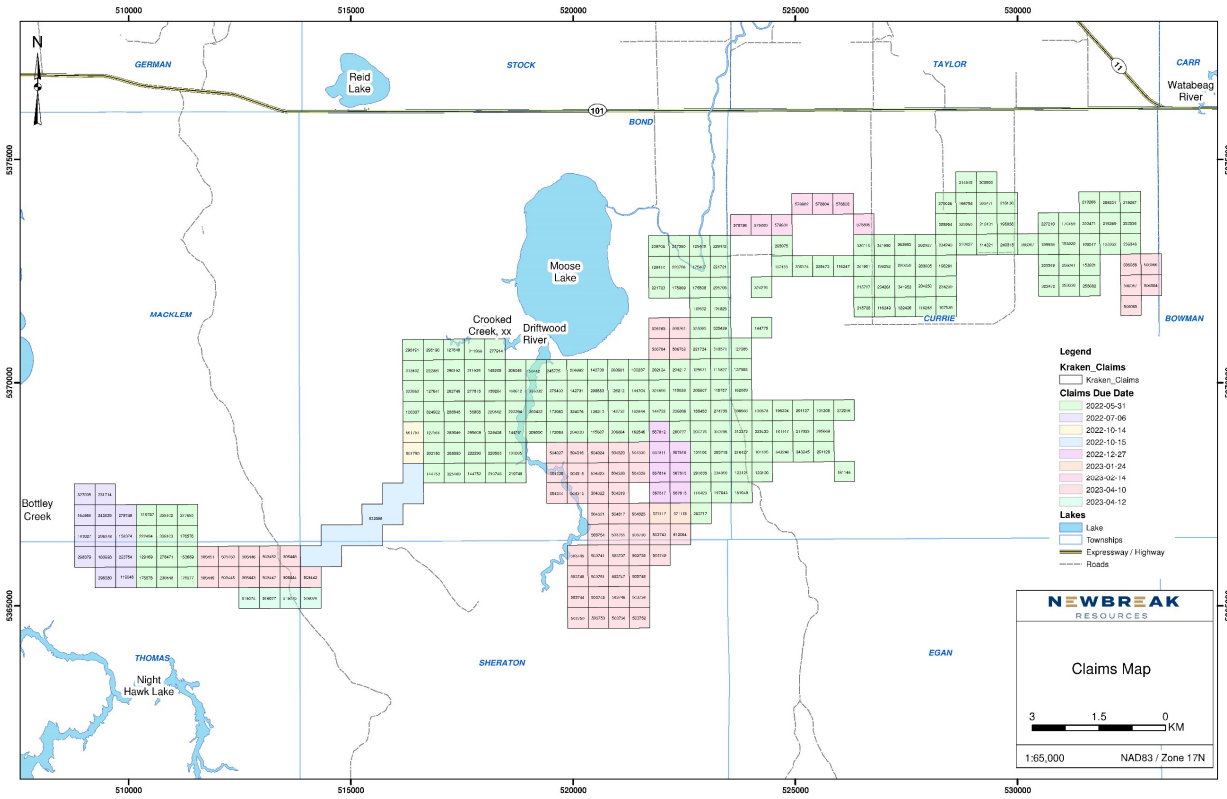


Figure 2: Claims Map

Regional Geology

The property is situated in the Abitibi Greenstone belt of which stretches in an east-west direction across northeastern Ontario and eastern Quebec. These Archean rocks are divided into stratigraphic assemblages which include metavolcanics, synvolcanic intrusions, metasediments, calc-alkaline rocks, and Proterozoic dikes. The dominant structural feature is the Porcupine-Destor fault zone which crosses the region a few kilometers to the north of the property. Regional east-west deformation zones commonly occur at assemblage boundaries and these rocks have been metamorphosed to the greenschist and upper greenschist grade.

Most of the gold deposits in the area are clustered around the major fault zone, generally in splays that extend from this structure. Over eighty million ounces have been produced from quartz-carbonate shear and extensional veins and stockworks generally in mafic volcanic rocks. Gold also occurs in disseminated or massive sulfides in altered volcanic rocks of various compositions. A map of the regional geology is presented in Figure 3.

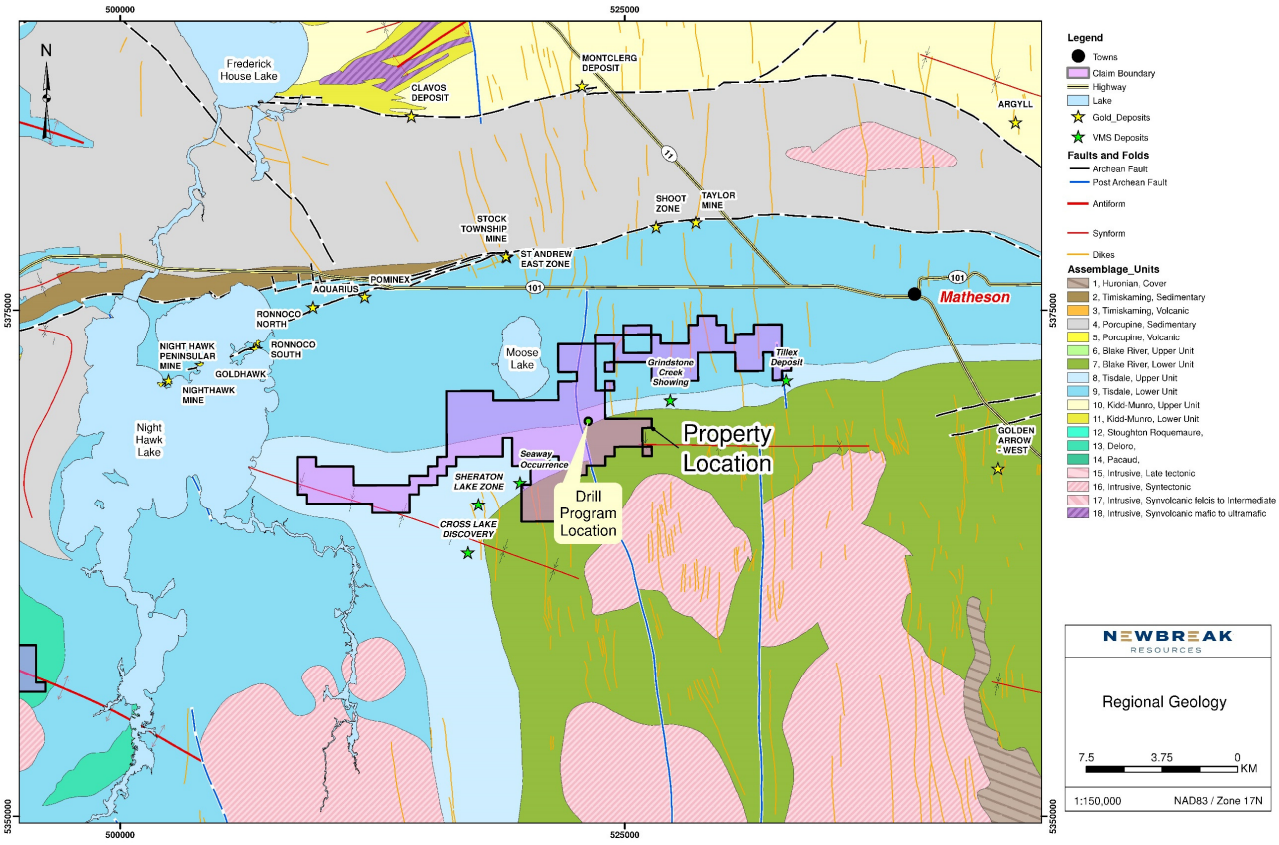


Figure 3: Regional Geology

Exploration History

The first reported work in the eastern part of the property (Currie Township) was by Laird (1931) who mapped the area at a scale of l" to l mile as part of a larger area. In this work, Laird noticed a large number of dark feldspar porphyry dikes in Currie Township which generally strike east-west, and which predate the younger north-south diabase dikes. Laird also described a small pocket of high-grade gold within a 2-foot-wide quartz vein in a fault zone at the northern boundary of Currie Township. This mineralization was related by Laird lo a nearby 15-foot-wide feldspar porphyry dike.

1938 – Porcupine McNabb Gold Mines performed exploration on what is now the north and central part of the Bond-Currie property. The program consisted of stripping, mapping, and sampling outcrops, diamond drilling, sinking 3 shallow pits or shafts and taking a bulk sample. The outcrop sampling and diamond drilling reported irregular gold values and the bulk sampling returned very low gold values (Berry, 1940. MNDM Assessment File T-0274; Leahy, 1971).

1938 – Erie Canadian Mines Ltd. reported on a visible gold showing on what is now the central and southern portion of the current property. The report was minor amount of fine gold in quartz filled joints within a 40m wide northwest trending steeply southwest dipping quartz porphyry dike. Historic assays up to 6.82 g/t Au were reported however the highest assay from six samples collected by Erie personnel was 0.62 g/t Au.

In 1966, Selco optioned the property from Unigold Resources. Five diamond drill holes were put down and intersected what appears to be an interface between volcanic flow units. The volcanics are described as being felsic to intermediate in composition and interbedded with greywacke and graphitic slate units. Feldspar porphyry and diabase dikes cut the metavolcanics and metasediments. Silicification carbonatization sulfurization are commonly mentioned. Sulphides are pyrite, chalcopyrite, sphalerite, marcasite, and galena. Drill hole 10 returned 0.1% Zn and 0.7% Pb over 5.5 feet. No gold values were reported. These drill holes were relatively shallow and no depths below about 300 feet vertically were ascertained. The exact collar locations are unknown.

In 1969, Consolidated Manitoba Mines drilled two short diamond drill holes totalling 254m to test a magnetic high anomaly. The holes intersected mafic and ultramafic volcanics with some sericite alteration and minor quartz veining. Quartz feldspar intrusive and diabase dikes. Results from the drilling are unknown.

In 1971 Cominco Limited flew an airborne magnetic survey over the area. Subsequent electromagnetic work revealed a conductor, and one diamond drill hole was drilled in it. The drill log reveals that a pyrite horizon was the conductor and formed along the contact with felsic metavolcanic tuffs and argillites and greywackes. No assays were reported, and no further work was recorded.

The property was included in a 40-township airborne magnetic and electromagnetic survey conducted by the Ontario Geological Survey and published in 1984 (OGS 1984 a and b.)

In 1984 Noranda had Aerodat Limited conduct an airborne geophysical survey with their system over western Bond and part of Sheraton Townships. Numerous conductors were delineated. Noranda, in a joint venture option deal with Gowest Resources, drilled 23 RC drill holes totalling 900.38 metres to test the basal till for gold. Numerous elevated values were recorded including several in excess of 1 g/t Au.

In 1983 and 1984, Westmin Resources carried out the most extensive study of the property. Ground magnetics and Max-Min HLEM surveys were carried out over a cut grid totalling 85.4-line kilometres. Mapping and prospecting followed but were hampered by the lack of outcrop exposure. The Aquarius gold deposit located a few kilometers to the north had been discovered by Asarco using RC drilling to test for trends of gold distribution in basal tills. Westmin employed this exploration technique and completed 41 RC holes totalling 1735m.

Results from the RC till sampling program were very encouraging. 44 samples returned values in excess of 1 g/t Au with 8 returning values greater than 10 g/t Au. These elevated gold values occur in clusters which indicated an east west trend as well as a northwest trend. These trends are similar to many of the zones mined in the Timmins area. Visible gold was observed in several of the samples. Detailed studies on these gold grains concluded that several had been transported a very short distance from their bedrock source.

Westmin followed up the RC program with four diamond drill holes totalling 1,119.6m. Drilling intersected altered and sheared felsic intrusions (quartz feldspar porphyries) and altered and weakly sheared or foliated mafic volcanic units along with diabase dikes. Three out of the four diamond drill holes intersected anomalous gold mineralization including 0.99g/t Au over 3m, 1.76 g/t over 1m and 2.14 g/t over 1m.

The gold occurs within the sheared felsic intrusives and in quartz carbonate veins within mafic volcanic units. Widespread carbonate alteration was reported in the core along with sericite and silica alteration.

1981 – Dome Exploration Ltd. carried out ground magnetic and Max-Min electromagnetic surveys over much of the Bond-Currie Property. The magnetic survey delineated several N – S trending diabase dikes (Matachewan). The Max-Min survey did not delineate any conductors.

1983 – Dome Exploration ltd. drilled 16 diamond drill holes totaling 1993.6m. Fifteen of the holes are on the current property. The drilling failed to intersect significant gold with the highest value being 0.62 g/t Au.

1985 – B A Resources Ltd. carried out a prospecting, sampling, and geological mapping program just south and east of the property. The highest assays from 55 grab samples collected were 1.312 g/t Au and 1.062 g/t Au.

In 1997, Golden Knight Resources carried out a geophysical survey covering part of the Bond-Currie property. This survey consisted of line cutting and a Max-Min EM survey. The survey detected wide zone of conductors. Some of these anomalies were interpreted to be highly conductive and relatively deep (40 - 50 m), this zone has a maximum width of 150 m. and a total strike length of 0.5 km. Several other weaker conductors were detected, and the possibility exists for undetected, deep conductors.

Golden Knight Resources followed up with drilling 7 diamond drill holes totalling 1,780 metres. Elevated gold values were intersected in one of the holes (B-97-4) including 8.94 g/t Au over 0.65m in a quartz carbonate vein associated with a fault structure and 17.14 g/t Au over 0.50m in a quartz carbonate tourmaline vein. Elevated copper and zinc values were intersected in another hole (B-97-7). A sheared quartz feldspar porphyry associated with a fault structure returned 0.17% Zn over 8m and 0.18% Cu over 2m.

Golden Knight Resources realized that while they were successful in intersecting gold in one drill hole, the extensive overburden made the Max-Min EM survey a less than ideal method for detecting potential drill targets. They concluded that a ground IP survey for detecting disseminated sulphide mineralization that may be favorable for gold mineralization would be better suited for the property.

2010 – SGX Resources Inc. carried out a program of line cutting, magnetic and VLF-EM and IP surveys over the western part of the property.

2011 – SGX Resources Inc. followed up the 2010 geophysical work with a limited diamond drill program of 4 holes totaling 404 metres. One hole, NH-11-02, intersected a single spec of visible gold hosted in a quartz ankerite stringer at 70.30m depth. The sampled returned a surprisingly disappointing assay value of .17 g/t Au). Another sample taken from an ankerite-sericite altered felsic to intermediate fragmental returned 1.48 g/t Au over 1m (65.90 – 66.90m).

Property Geology

Due to thick and extensive overburden cover, limited outcrops occur on the property. The geology described is based mainly upon archival diamond drilling and RC drilling data as well as interpretation of geophysical data. It is the result of extensive archival research and data validation

The northern part of the property is underlain predominantly by intermediate to felsic tuffs and flows, which are mainly Calc-alkalic, with some feldspar porphyries or crystal tuffs. Dioritic and gabbroic rocks have intruded these in several places, as well as quartz-feldspar porphyries. These formations belong to and are typical of the Upper Tisdale assemblage. The Tisdale assemblage hosts most of the gold deposits in the area.

The southern part of the property is underlain mainly by mafic to intermediate tholeiitic volcanics with some komatiitic units. Minor lenses of Timiskaming greywacke and carbonaceous argillite, and chlorite schist were intersected in drill holes, as well as at least one thick section of graphite. Several feldspar or quartz-feldspar porphyry intrusives occurs on this portion of the property. These formations belong to, and are typical of, the Lower Blake River assemblage, the contact with the Upper Tisdale (2,704 Ma) crossing the property at its approximate center.

Late (Proterozoic) north to northwest trending diabase dikes cut through most of the lithological units.

Diamond Drill Program

Core Processing, Laboratory Methods, and QA/QC

Core Processing

Drill core was delivered from the drill to the core logging facility in Timmins and loaded onto core benches to thaw. Core was measured from block to block with wax crayon marks placed at every meter interval. Core measuring and marking is done to ensure accurate depth of drill hole and to provide an accurate framework for the subsequent collection of the various data elements of core logging. Drill logs (Appendix 2) were complied by recording metrics such as: lithological units, mineralization, structure, rock quality designation, reflex tests, and sample descriptions of core chosen for assay. A complete photo record of the drill core was also collected.

The drill core samples were then cut in half with a diamond core saw by an experienced core technician with the bottom half of the core remaining in the box and top half being placed in a sample bag with a sample tag. The sample bags were then sealed with zip ties and placed in rice bags and then driven directly to Actlabs in Timmins with a signed Request for Analysis form. The remainder of the drill core was then placed in outdoor racks for storage at the Timmins core facility.

Laboratory Methods

At Activation Labs, the routine practice with rock and core is the entire sample is crushed to a nominal -2 mm, mechanically split to obtain a representative sample, and then pulverized to at least 95% -105 microns (µm). All core samples were assayed for gold using a 50-gram sample (1A2-50) and a multi-element Aqua Regia ICPOES package (1E3). All over limited assays (>10,000 ppm) were analysed by Sodium Peroxide Fusion ICP (8-Peroxide ICP).

Quality Assurance and Quality Control:

Standards (Certified Reference Materials) and blank samples were included among core samples to assess the accuracy of the assay lab. One of each, a standard and a blank, were included for every 20th half-core samples. Three sets of standard materials (OREAS 216b, OREAS 217 and OREAS 223) were purchased from Analytical Solutions Ltd. which contained known concentrations of gold. The lab was considered to have failed a standard if the reported mineral concentration was three standard deviations less than, or greater, than the certified value. Blank materials consisted of quartz landscaping stones purchased from a local hardware store. The lab was considered to have failed a blank if the reported mineral content was several times greater than the lower limit of detection.

Assay results from the inserted standards and blanks were all within the third standard deviation. The results from the QAQC program suggests no issues with the assay results.

2020 Diamond Drilling Program

From March 28, 2020, to May 2, 2020, a seven-hole diamond drill program totaling 2051.2 meters was carried out on New Break Resources Ltd.'s Bond-Currie Property. The drilling was carried out by NPLH Drilling based in Timmins, Ontario and all assaying was performed by Activation Labs of Timmins, Ontario.

The holes were drilled to test a prominent north-south trending train of pristine gold grains from previous overburden drilling in addition to coincident airborne magnetic and electromagnetic anomalies. The program failed to intersect any significant gold mineralization; however high grade polymetallic (Cu, Pb, Zn & Ag) mineralization was encountered in several holes. The best intersection from NB-20-003A was 0.2% Cu, 2.8% Pb, 1.7% Zn and 6.8 g/t Ag over 5.5 meters. Lower grades over wider widths were intersected in holes NB-20-003 and NB-20-004. The best gold assay was from hole NB-20-006 in feldspar porphyry with 0.6 g/t Au over 0.5m.

Drill logs are shown in Appendix 2and Drill Sections are in Appendix 3.

Hole ID	Easting (m)	Northing (m)	Elevation (m)	Azimuth (°)	Dip (°)	Length (m)	Samples
NB-20-001	523148	5369348	262	265	-50	294	155
NB-20-002	523248	5369344	267	263	-70	129	44
NB-20-003	523248	5369344	267	320	-70	299.2	135
NB-20-003A	523248	5369344	267	310	-70	519	197
NB-20-004	523191	5369443	271	265	-55	300	114
NB-20-005	523232	5369545	269	265	-55	300	32
NB-20-006	523220	5369648	269	265	-55	210	9
						2051.2	**686**

Table 1: Collar Table of current Bond-Currie drill holes.

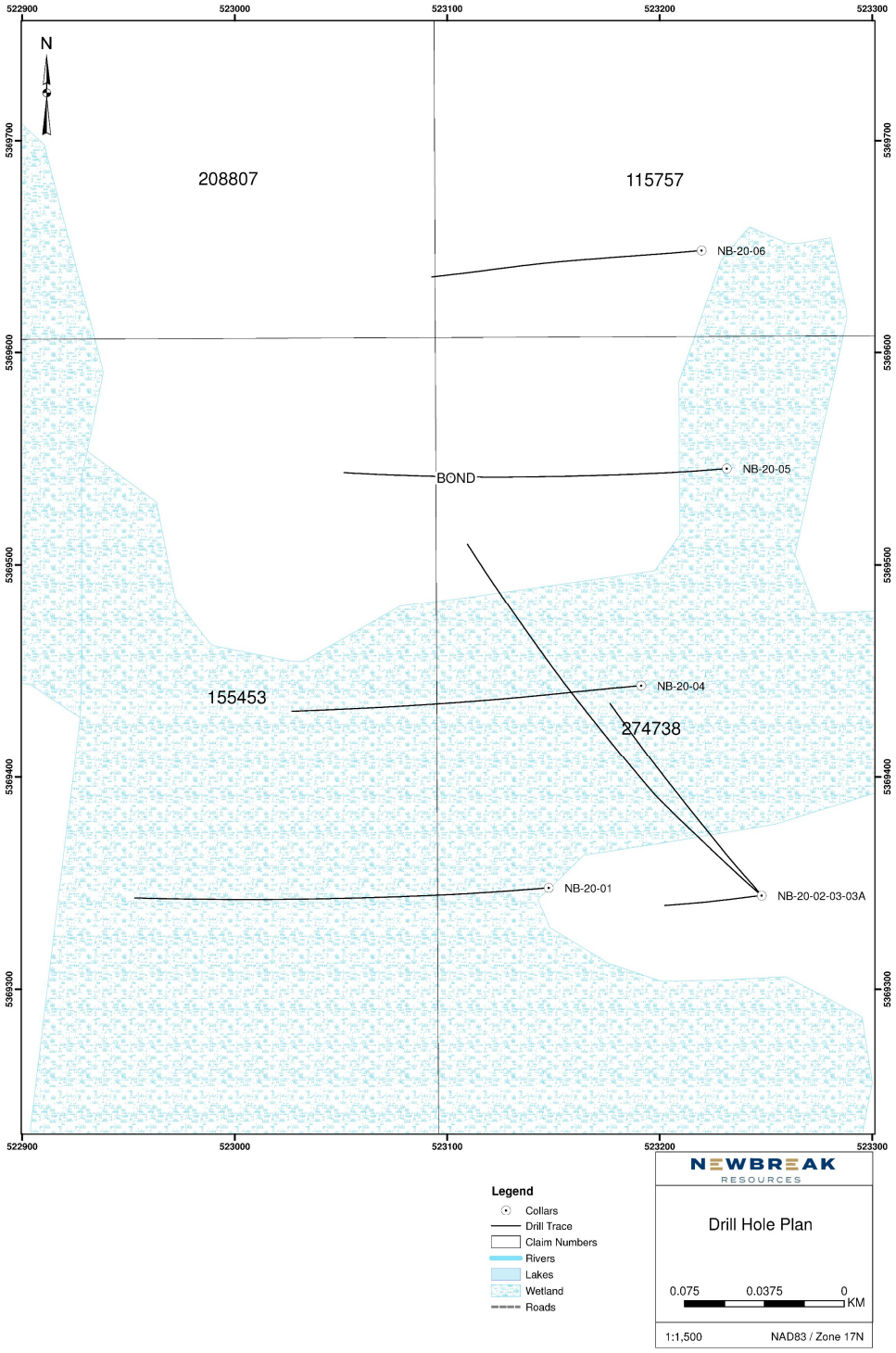


Figure 4: Plan map of drill hole collars and drill trace with claim boundary.

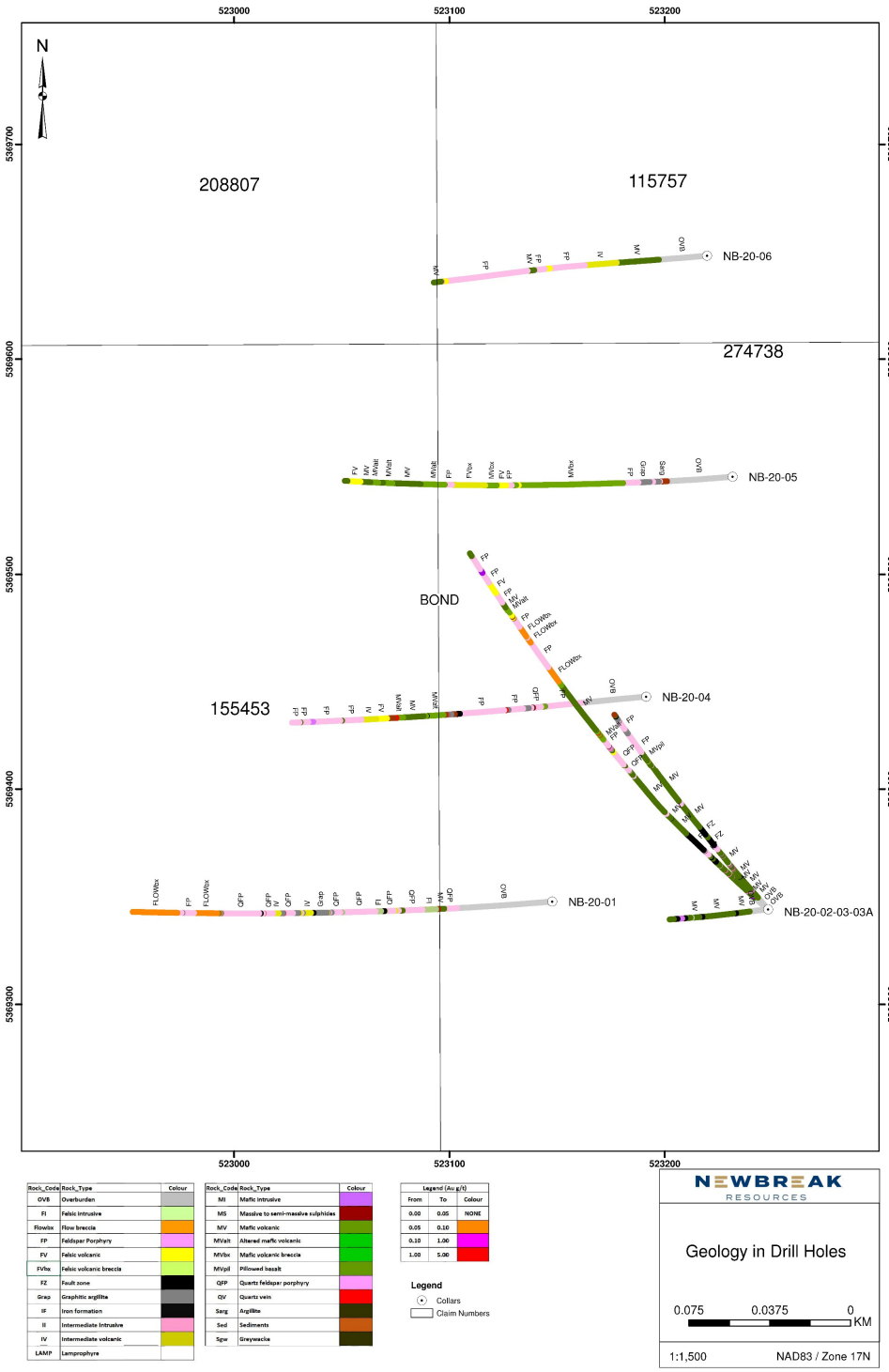


Figure 5: Plan map of logged lithologies from Bond-Currie drill holes with claim boundary.

NB-20-001

The hole was collared at UTM 523148E, 5369348N and was drilled at an azimuth of 265 degrees with a dip of -50. The hole was collared in quartz feldspar porphyry with 3% to 5% pyrite in a siliceous matrix. The hole continued in an alternating sequence of QFP, intermediate to mafic volcanics and black graphitic argillite all cut by narrow felsic intrusions. A significant fault zone occurs from 167.0 to 169.1m. The bottom third of the hole consists of a series of basaltic flow breccias with fragments of felsic intrusives. No significant assays were returned.

NB-20-002

The hole was collared at UTM 523248E, 5369344N, however the hole was spotted with the incorrect azimuth and dip. The hole was stopped at 129m. The hole intersected sheared mafic volcanics within a series of faults with extremely fractured, blocky, and crumbled core. No significant assays were returned.

NB-20-003

The hole was restarted with the correct azimuth of 320 degrees and a dip of -70. The hole was stopped at 299.0 m with stuck rods due to a fault zone. The best results were in the last few meters of the hole in a graphitic fault zone with blebby, nodular, and banded pyrite that returned anomalous values of 0.9% Pb, 0.5% Zn and 2.9g/t Ag over 8.9 meters.

Figure 6: Core photo of NB-20-003 from 291.23-299.0 EOH

HOLE_NAME	SAMPLE_NO	ROCK_CODE	POS_FROM	POS_TO	LENGTH	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM		LENGTH	CUxW	PBxW	ZNxW	AGxW
NB-20-003	147351	FP	288	289	1	0.008	51	184	276	0.3						
NB-20-003	147352	FP	289	289.5	0.5	0.0025	70	247	624	0.3						
NB-20-003	147353	FP	289.5	290.1	0.6	0.0025	95	134	136	0.4						
NB-20-003	147354	Grap	290.1	291	0.9	0.042	679	1400	8000	2.4		0.9	611.1	1260	7200	2.16
NB-20-003	147355	Grap	291	291.6	0.6	0.055	679	1130	10900	2.6		0.6	407.4	678	6540	1.56
NB-20-003	147356	FP	291.6	292.6	1	0.025	67	808	4130	1.1		1	67	808	4130	1.1
NB-20-003	147357	Grap	292.6	293	0.4	0.043	418	5800	5920	2.7		0.4	167.2	2320	2368	1.08
NB-20-003	147358	Grap	293	294	1	0.057	1470	13000	8200	4.6		1	1470	13000	8200	4.6
NB-20-003	147359	Grap	294	295	1	0.052	339	28800	1600	3.9		1	339	28800	1600	3.9
NB-20-003	147360	Grap	295	296	1	0.072	465	12300	3900	3.7		1	465	12300	3900	3.7
NB-20-003	147361	Grap	296	297	1	0.067	391	8000	3800	3.5		1	391	8000	3800	3.5
NB-20-003	147362	Grap	297	298	1	0.06	278	9800	2100	3.4		1	278	9800	2100	3.4
NB-20-003	147363	MV	298	299	1	0.023	195	2030	5310	1.2		1	195	2030	5310	1.2
NB-20-003A	147364	MV	35.5	36.2	0.7	0.0025	60	406	1100	0.2		8.9	4390.7	78996	45148	26.2
NB-20-003A	147365	II	36.2	37	0.8	0.005	64	3	62	0.1			493.34	8875.96	5072.81	2.94
NB-20-003A	147366	MV	39	40	1	0.0025	53	3	36	0.1			0.89% Pb/8.9m			
NB-20-003A	147367	MV	40	41	1	0.006	64	5	59	0.1			0.51% Zn/8.9m			
NB-20-003A	147368	MV	63	63.47	0.47	0.0025	96	3	35	0.1			2.94 g/t Ag/8.9m			

Figure 7: Weighted averages for NB-20-003 from 290.1m to 299.0m

NB-20-003A

The hole was restarted on the same setup with a 10-degree azimuth change to the south (310 degrees) and maintained a -70 degree dip. The best mineralized zone consists of narrow quartz, quartz -calcite and quartz-graphite veins and veinlets in a sequence of highly altered mafic volcanics, predominantly sericitic, chloritic and locally graphitic with sections of semi-massive to massive chalcopyrite, galena, and sphalerite. Figure 8 shows the interval from 294.0m to 299.5m returned average grade of 0.2% Cu, 2.8% Pb, 1.7% Zn and 6.8 g/t Ag over 5.5 meters.

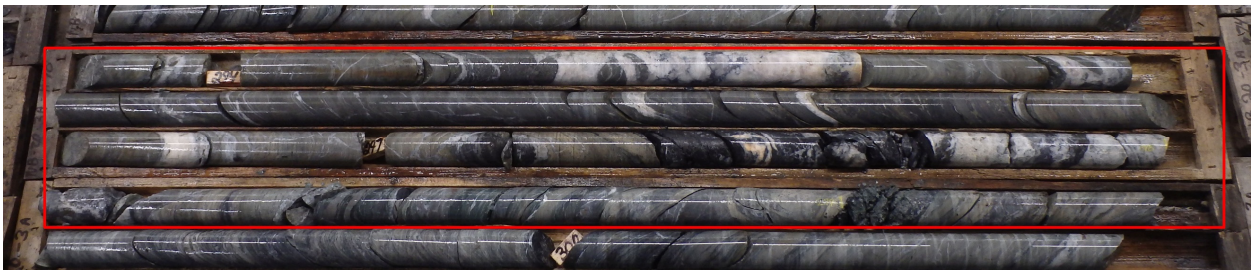


Figure 8: Core photo of NB-20-003A from 294.0m to 299.5m

HOLE_NAME	SAMPLE_NO	ROCK_CODE	POS_FROM	POS_TO	LENGTH	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
NB-20-003A	147473	MValt	292.5	293	0.5	0.0025	109	1600	3430	0.4
NB-20-003A	147474	MValt	293	293.5	0.5	0.0025	209	2400	2440	0.5
NB-20-003A	147475	MValt	293.5	294	0.5	0.0025	307	5300	491	0.7
NB-20-003A	147477	MValt	294	294.3	0.3	0.033	910	25200	22500	7.7
NB-20-003A	147478	QV	294.3	294.85	0.55	0.016	1540	68700	16700	10.1
NB-20-003A	147479	MValt	294.85	295.2	0.35	0.028	4690	23800	36100	11.1
NB-20-003A	147480	MValt	295.2	295.5	0.3	0.049	16700	95700	79500	38.3
NB-20-003A	147481	MValt	295.5	296	0.5	0.026	322	6400	4320	2.4
NB-20-003A	147482	MValt	296	296.5	0.5	0.024	1870	27000	35700	12.1
NB-20-003A	147483	MValt	296.5	297	0.5	0.006	743	9900	8500	2.3
NB-20-003A	147484	MValt	297	297.33	0.33	0.005	361	6200	4080	2.8
NB-20-003A	147485	QV	297.33	297.8	0.47	0.018	130	9600	750	2.6
NB-20-003A	147486	QV	297.8	298.17	0.37	0.021	845	80600	1370	5
NB-20-003A	147487	MValt	298.17	298.5	0.33	0.02	424	24400	17900	2.1
NB-20-003A	147488	MValt	298.5	299	0.5	0.024	282	9100	8900	1.3
NB-20-003A	147489	MValt	299	299.5	0.5	0.013	216	3450	9100	1
NB-20-003A	147491	MValt	299.5	300	0.5	0.0025	95	750	1540	0.2
NB-20-003A	147492	MValt	300	300.66	0.66	0.006	162	1030	390	0.1
NB-20-003A	147493	MV	300.66	301	0.34	0.0025	80	33	111	0.1
NB-20-003A	147494	MV	301	302	1	0.149	93	20	113	0.1
NB-20-003A	147495	MV	302	303	1	0.0025	115	10	70	0.1
NB-20-003A	147496	MV	303	304	1	0.006	99	54	160	0.1

LENGTH	CUxW	PBxW	ZNxW	AGxW
0.3	273	7560	6750	2.31
0.55	847	37785	9185	5.555
0.35	1641.5	8330	12635	3.885
0.3	5010	28710	23850	11.49
0.5	161	3200	2160	1.2
0.5	935	13500	17850	6.05
0.5	371.5	4950	4250	1.15
0.33	119.13	2046	1346.4	0.924
0.47	61.1	4512	352.5	1.222
0.37	312.65	29822	506.9	1.85
0.33	139.92	8052	5907	0.693
0.5	141	4550	4450	0.65
0.5	108	1725	4550	0.5
5.5	10120.8	154742	93792.8	37.479
	1840.15	28134.91	17053.24	6.81
0.18% Cu/5.5m 2.8% Pb /5.5m 1.7% Zn /5.5m 6.81 g/t Ag/5.5m				

Figure 9: Weighted averages for NB-20-003A from 294.0m to 299.5m

NB-20-004

The hole was collared at UTM 523191E, 5369443N and was drilled at an azimuth of 265 degrees with a dip of -55. The most significant mineralization occurs in black graphitic argillite and altered mafic volcanics with up to 25% very fine pyrite with occasional semi-massive pyrite lenses. The interval returned values of 0.4% Pb, 0.7% Zn and 1.9 g/t Ag over 21.7 meters

HOLE_NAME	SAMPLE_NO	ROCK_CODE	POS_FROM	POS_TO	LENGTH	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM		LENGTH	CUxW	PBxW	ZNxW	AGxW
NB-20-004	147625	FP	121	122	1	0.0025	18	23	452	0.1						
NB-20-004	147626	Sarg	163	164	1	0.008	94	17	221	0.4						
NB-20-004	147627	Sarg	164	164.86	0.86	0.015	109	34	177	0.5						
NB-20-004	147738	Grap	164.86	166	1.14	0.015	558	1620	6560	3.4		1.14	636.12	1846.8	7478.4	3.876
NB-20-004	147739	Grap	166	167	1	0.013	532	5600	24100	6.2		1	532	5600	24100	6.2
NB-20-004	147740	Grap	167	168	1	0.007	581	3550	11200	4.3		1	581	3550	11200	4.3
NB-20-004	147741	Grap	168	169	1	0.036	356	344	2620	2.7		1	356	344	2620	2.7
NB-20-004	147742	Grap	169	170	1	0.014	95	821	3910	2		1	95	821	3910	2
NB-20-004	147743	Sarg	170	171	1	0.012	118	99	805	2.2		1	118	99	805	2.2
NB-20-004	147744	Sarg	171	172	1	0.0025	209	1100	4150	1.6		1	209	1100	4150	1.6
NB-20-004	147745	MValt	172	173	1	0.0025	148	3410	18000	3.2		1	148	3410	18000	3.2
NB-20-004	147746	MValt	173	174	1	0.0025	98	1820	5610	1.7		1	98	1820	5610	1.7
NB-20-004	147747	MValt	174	174.8	0.8	0.005	126	997	2960	1.2		0.8	100.8	797.6	2368	0.96
NB-20-004	147628	MValt	174.8	175.7	0.9	0.014	89	1200	3410	1.7		0.9	80.1	1080	3069	1.53
NB-20-004	147629	MValt	175.7	176	0.3	0.022	288	2640	7920	2.2		0.3	86.4	792	2376	0.66
NB-20-004	147630	MValt	176	176.7	0.7	0.005	156	1210	3910	0.8		0.7	109.2	847	2737	0.56
NB-20-004	147749	MValt	176.7	177.7	1	0.006	171	916	3350	0.8		1	171	916	3350	0.8
NB-20-004	147750	MValt	177.7	178.7	1	0.028	559	4440	17000	2.6		1	559	4440	17000	2.6
NB-20-004	147751	MValt	178.7	179.7	1	0.014	186	2530	7960	1.6		1	186	2530	7960	1.6
NB-20-004	147752	MValt	179.7	180.9	1.2	0.006	155	1590	5900	0.7		1.2	186	1908	7080	0.84
NB-20-004	147631	MValt	180.9	182.2	1.3	0.008	110	4210	5880	0.8		1.3	143	5473	7644	1.04
NB-20-004	147632	MValt	182.2	182.7	0.5	0.01	24	2890	3690	0.4		0.5	12	1445	1845	0.2
NB-20-004	147633	MValt	182.7	183.3	0.6	0.007	92	8300	4980	1.1		0.6	55.2	4980	2988	0.66
NB-20-004	147634	MValt	183.3	184.2	0.9	0.006	174	16100	7220	1.5		0.9	156.6	14490	6498	1.35
NB-20-004	147635	MVbx	184.2	185.2	1	0.005	8	6300	644	0.3		1	8	6300	644	0.3
NB-20-004	147636	MValt	185.2	185.9	0.7	0.04	81	8000	4110	0.8		0.7	56.7	5600	2877	0.56
NB-20-004	147637	MVpil	185.9	186.6	0.7	0.018	77	7300	3180	1		0.7	53.9	5110	2226	0.7
NB-20-004	147639	MValt	186.6	187	0.4	0.0025	85	405	1730	0.2		21.74	4737.02	75299.4	148535.4	42.136
NB-20-004	147640	MValt	187	188	1	0.005	123	1270	3670	0.5			217.89	3463.63	6832.36	1.94
NB-20-004	147641	MValt	188	188.68	0.68	0.005	146	153	377	1		0.35% Pb /21.74m				
NB-20-004	147642	MV	195.7	196.5	0.8	0.0025	102	5	59	0.1		0.68% Zn /21.74m				
NB-20-004	147643	MV	196.5	196.9	0.4	0.005	96	8	63	0.1		1.94 g/t Ag /21.74m				

Figure 10: Weighted averages for NB-20-004 from 164.86m – 186.5m.

NB-20-005

The hole was collared at UTM 523232E, 5369545N and was drilled at an azimuth of 265 degrees with a dip of -55. The hole intersected a sequence of feldspar porphyries with black graphitic argillite. The hole continued into a series of mafic to felsic volcanic breccias with large angular to sub angular clasts. The hole ended in altered mafic to felsic volcanics. No significant assays were returned.

NB-20-006

The hole was collared at UTM 523220E, 5369648N and was drilled at an azimuth of 265 degrees with a dip of -55. The hole intersected a sequence of altered mafic to felsic volcanic rocks cut by feldspar porphyries. The best gold assay was from hole NB-20-006 in a feldspar porphyry with 0.6 g/t Au over 0.5m.

Geochemistry

The following a preliminary look of the polymetallic nature of the mineralization from the current drill program. All core samples from the current drill holes were exported using a de-surveying option in Corelog to generate the XYZ of the mid point of the sample and the sample table is shown in Appendix 4. Selected elements were gridded using Geosoft Oasis Montaj. As illustrated in the Figures 11-14, there is a very significant correlation between Cu, Pb, Zn and Ag mineralization on the property.

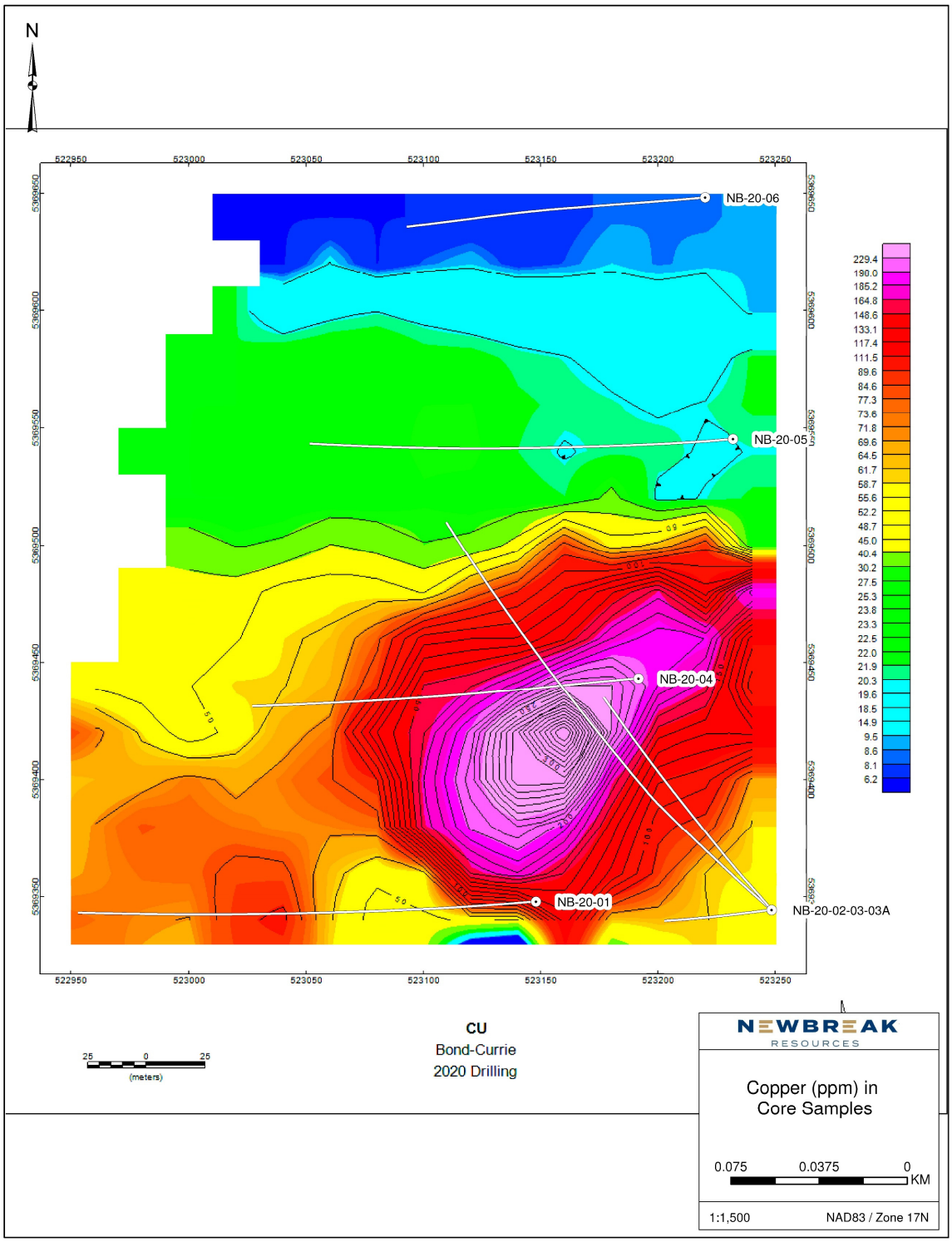


Figure 11: Geochemical color-contoured grid of Cu (ppm) values in core samples.

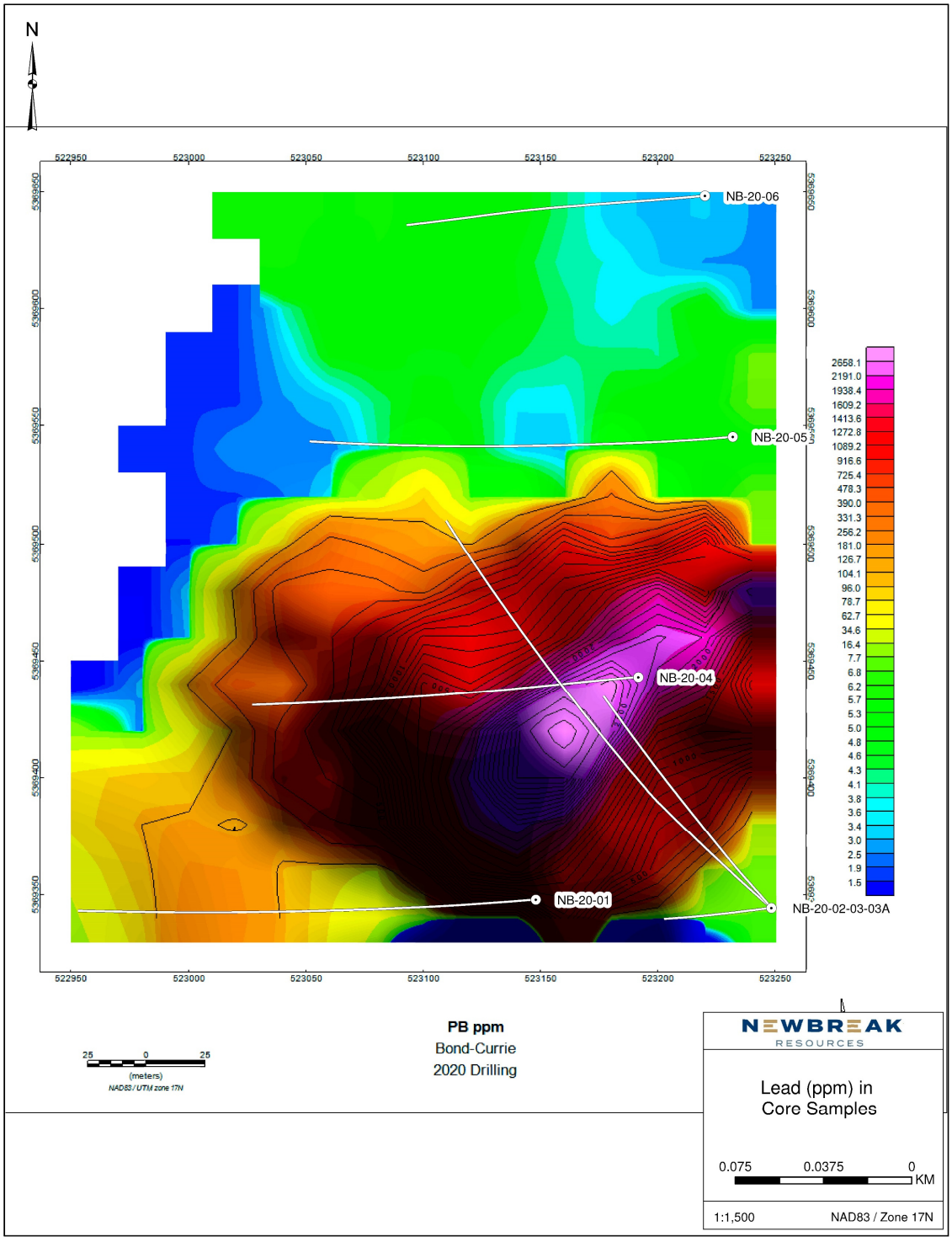


Figure 12: Geochemical color-contoured grid of Pb (ppm) in core samples.

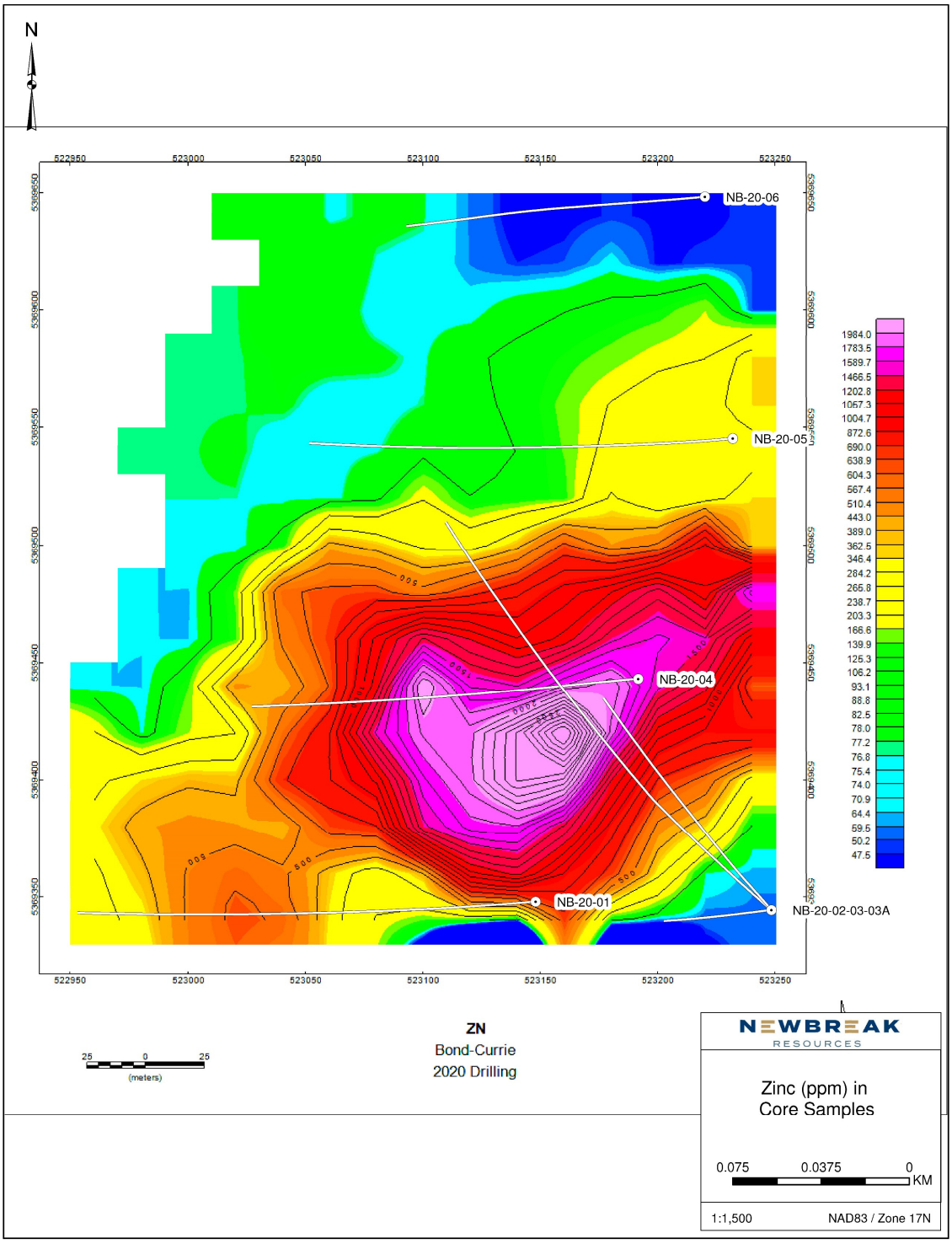


Figure 13: Geochemical color-contoured grid of Zn (ppm) in core samples.

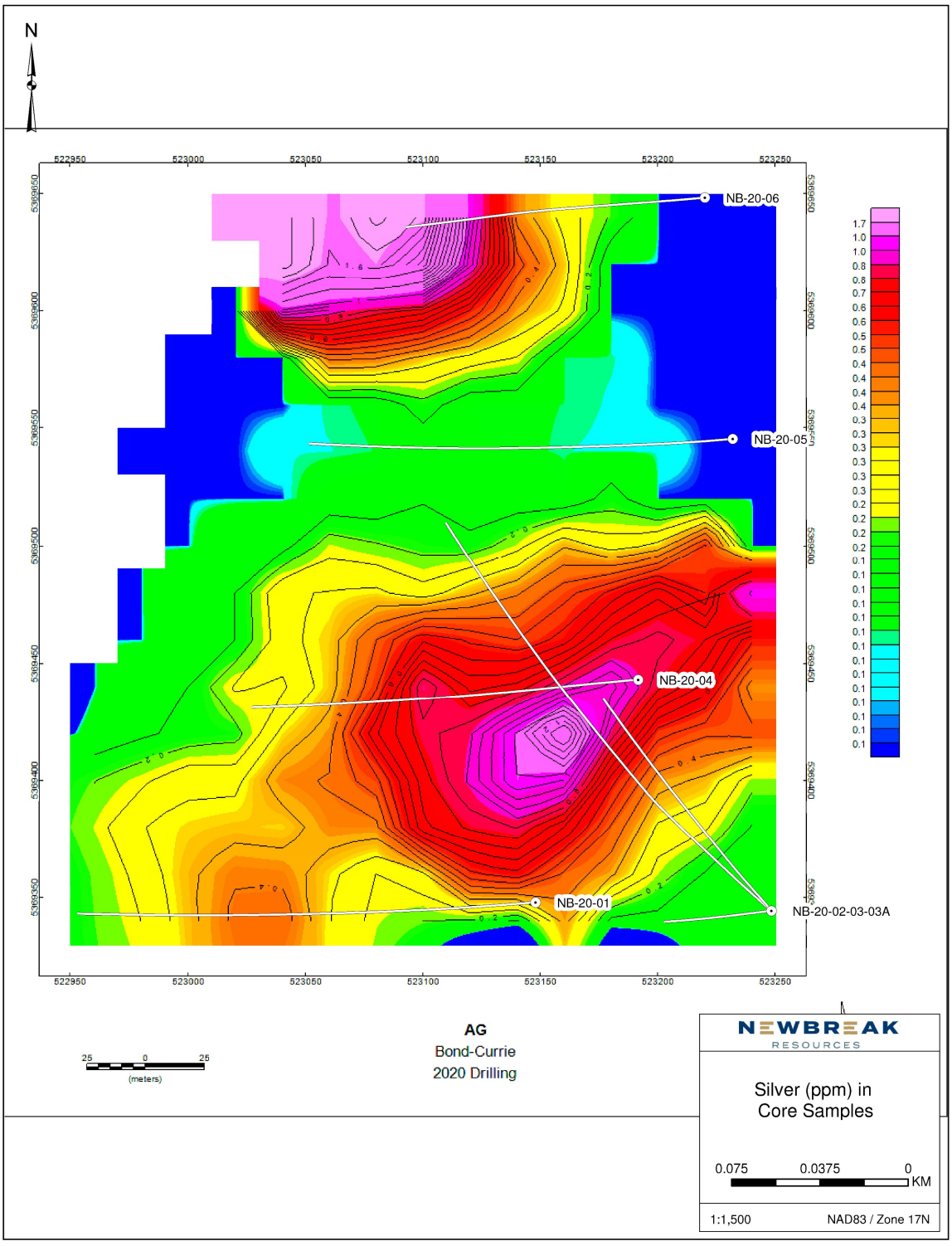


Figure 14: Geochemical color-contoured grid of Ag (g/t) in core samples.

Conclusions

Although the results for gold mineralization from the current drill program has been disappointing, the presence of high grade polymetallic (Cu, Pb, Zn & Ag) mineralization is very encouraging. The Bond-Currie mineralized zone is situated along a regional airborne EM anomaly with a similar signature to the Tillex copper deposit located to the east and the Seaway Cu-Zn zone located to the immediate west of the property. All mineralized zones in this area are associated with a calc-alkalic geochemical suite of intermediate to felsic composition volcanic and intrusive rocks with interflow sediments.

In addition, recent research published by Haugaard et. al., 2021 as part of the Metals Earth initiative has identified the presence of a deep-rooted extensional fault system adjacent to the Bond-Currie property. The authors suggest the corridor may be acting as a regional-scale conduit for gold-bearing hydrothermal fluids from a ductile source region in the lower crust to the depositional site in the brittle upper crust. The deep-crustal conductive corridor connects the lower crust with the surface geology at the Upper Tisdale-Blake River boundary. This contact occurs on the Bond-Currie property adjacent to the regional airborne EM anomaly.

It is postulated that this corridor represents a deep-seated mineralizing system and the possible source of gold mineralization along the Porcupine-Destor Fault Zone that requires follow-up exploration.

Recommendations

1. Obtain new magnetic, gravity, seismic, and magnetotelluric data collected by Metal Earth, at the Mineral Exploration Research Centre (MERC).
2. Locate additional outcrops on the property through lidar and high-resolution drone surveys.
3. Outcrop stripping to aid in refining the geological model.
4. Additional sampling of any outcrops and available drill core to aid in refining the geological and geochemical understanding of the property.
5. Conduct ground geophysics consisting of deep penetrating 3D-DCIP to identify resistivity and chargeability geophysical anomalies related to interpreted deep structural breaks.
6. Diamond drilling in areas with coincident geophysical anomalies with mineralized zones from previous diamond drilling

Certificate of Qualifications

CERTFICATE of QUALIFICATIONS

I, John R. Boissoneault, of 670 Spruce Street North, Timmins Ontario do certify that:

(1) I have reviewed the report entitled *"Diamond Drilling Report on the Bond-Currie Project for New Break Resources Ltd."*

(2) I have a B.Sc. in Geological Sciences from McGill University (1960).

(3) I am a retired Professional Engineer in the Province of Ontario and had been registered for more than thirty years.

(4) I have been involved in several aspects of mineral exploration, particularly in northern Ontario and northwestern Quebec for more than thirty years.

(5) I do not have, nor do I expect to receive directly or indirectly, any interest in the properties of New Break Resources Ltd.

Dated this 15th of April 2022.

John R. Boissoneault P.Eng.

References

Abernethy, R.K., 1988, Geological Report on the Properties of Cross Lake Minerals Lid. Currie, Bowman and Hislop Townships District of Cochrane, Larder Lake Mining Division, Assessment Report, 14p.

Ayer, J.A., Thurston, P.C., Bateman, R., Dubé, B., Gibson, H.L., Hamilton, M.A., Hathway, B., Hocker, S.M., Houlé, M.G., Hudak, G., Ispolatov, V.O., Lafrance, B., Lesher, C.M., MacDonald, P.J., Péloquin, A.S., Piercey, S.J., Reed, L.E., and Thompson, P.H., 2005, Overview of results from the Greenstone Architecture project: Discover Abitibi initiative: Ontario Geological Survey, Open-File Report 6154, 146 p.

Barrett, T J., Cattalani, S., Maclean, W.H., Hoy, W.H., and Riverin, G., 1991, Massive Sulphide Deposits of the Noranda Area, Quebec Ill. The Ansil Mine. Canadian Journal of Earth Sciences, v28, pp. 1699-1730.

Barrie, C.T., Ludden, J.N., and Green, T.H., 1993, Geochemistry of Volcanic Rocks Associated with Cu-Zn and Ni-Cu Deposits in the Abitibi Sub province: Economic Geology, A Special issue Devoted to Abitibi Ore Deposits in a Modern Context, volume 88, number 6, p. 134 1 -1358.

Boissoneault, J.R., 2019, Assessment Report: Total Field Magnetometer and Grass Roots Prospecting Programs, Bond-Currie Townships for Kraken Gold Corporation, Timmins Ontario, 16p. Report 1818.

Boissoneault, J.R., Terry, M.A., Bryant, J.D., 2019, Assessment Report: A New look at the Geology, Geochemistry and Geophysics of the Macklem, Thomas, Bond and Currie Townships for Kraken Gold Corporation, Timmins Ontario, 36p. Report 2055.

Corfu, F., 1993, The Evolution of the Southern Abitibi Greenstone Belt in Light of Precise U-Pb Geochronology: Economic Geology, A Special Issue Devoted to Abitibi Ore Deposits in A Modern Context, volume 88, number 6, p. 1323 - 1340.

Dubé, B., Langevin, P.M., Ayer, J., Atkinson, B., and Monecke, T., 2017, Orogenic greenstone-hosted quartz-carbonate gold deposits of the Timmins- Porcupine camp: Reviews in Economic Geology, v. 19, p. 51–79.

Goodwin, A.M., 1982, Archean Volcanoes in Southwestern Abitibi Belt, Ontario, and Quebec: Form, composition, and development: Canadian Journal of Earth Sciences, volume 19, page 1140-
1155.

Haugaard, R.; Della Justina, F.; Roots, E.; Cheraghi, S.; Vayavur, R.; Hill, G.; Snyder, D.; Ayer, J.; Naghizadeh, M.; Smith, R., 2021, Crustal-Scale Geology and Fault Geometry Along the Gold-Endowed Matheson Transect of the Abitibi Greenstone Belt, Economic Geology, v. 116 (5), p. 1053–1072.

Johnston, M., 2020, Assessment Report: A New look at Historical Data from Induced Polarization, VLF-EM, and Total Field Magnetic Surveys' in Macklem and Thomas Townships, Ontario for Kraken Gold Corporation, Timmins Ontario, 14p. Report 2874.

Ontario Geological Survey. 2000. Airborne Magnetic and Electromagnetic Surveys, Matheson Area; OGS Map 82 020, Scale 1:20 000

Ontario Geological Survey. 2004. Ontario Airborne Geophysical Surveys, Magnetic Data, Central Abitibi Destor-Porcupine – Pipestone Faults Area; Ontario Geological Survey, Geophysical Data Set 1049.

Ontario Geological Survey, 2017, Ontario airborne geophysical surveys, magnetic data, grid data (ASCII and Geosoft® formats), magnetic supergrids: Geophysical Data Set 1037—Revised.

Péloquin, A.S., Houlé, M.G. and Gibson, H.L. 2005. Geology of the Kidd–Munro assemblage in Munro Township, and the Tisdale and Lower Blake River assemblages in Currie Township: Discover Abitibi Initiative; Ontario Geological Survey, Open File Report 6157, 94p.

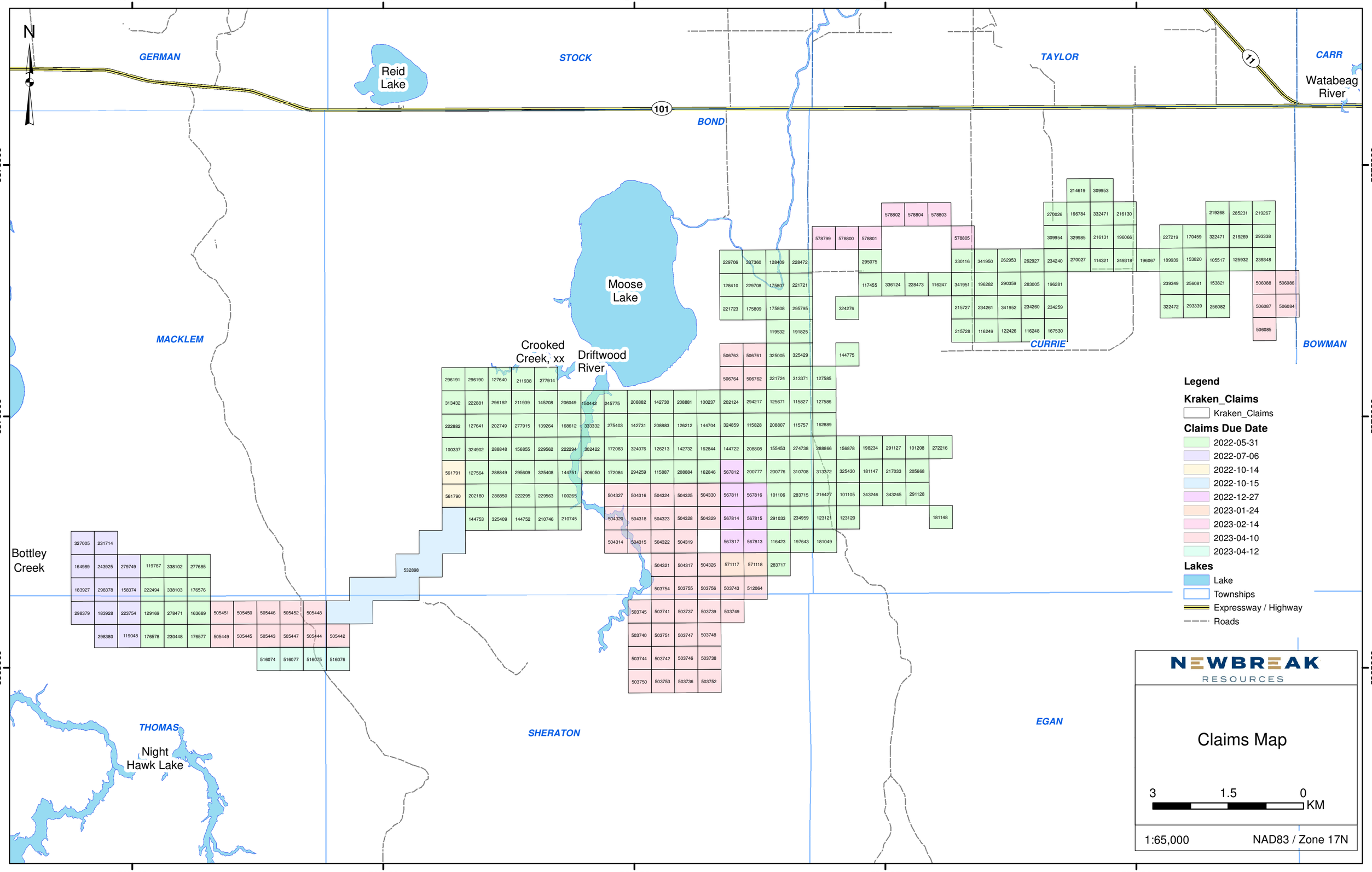
Spooner, E.T.C., 1993, Preface: Economic Geology, A Special Issue Devoted to Abitibi Ore Deposits in A Modern Context, volume 88, number 6, p. 1307 - 1322.

Snyder, D.B., Bleeker, W., Reed, L.E., Ayer, J.A., Houlé, M.G., and Bateman, R., 2008, Tectonic and metallogenic implications of regional seismic profiles in the Timmins mining camp: Economic Geology, v. 103, p. 1135–1150.

Terry, M.A., Bryant, J.D., 2019, Assessment Report: Mechanical Stripping in Bond and Currie Townships for Kraken Gold Corporation, Timmins, Ontario. 12p. Report 2276.

Appendix 1

Claims Map and Claim Report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N
GERMAN
STOCK
TAYLOR
CARR
MACKLEM
BOND
CURRIE
BOWMAN
SHERATON
EGAN
THOMAS
Reid Lake
Moose Lake
Crooked Creek, xx
Driftwood River
Watabeag River
Bottley Creek
Night Hawk Lake
101
11
Legend
Kraken_Claims
Kraken_Claims
Claims Due Date
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2022-07-06
2022-10-14
2022-10-15
2022-12-27
2023-01-24
2023-02-14
2023-04-10
2023-04-12
Lakes
Lake
Townships
Expressway / Highway
Roads
NEWBREAK RESOURCES
Claims Map
3 1.5 0 KM
1:65,000
NAD83 / Zone 17N

Registered Holder	Township / Area	Tenure ID	Tenure Type	# Cells	Anniversary Date	Tenure Status	Work Required	Total Reserve
(100) KRAKEN GOLD CORPORATION	BOND	100237	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND	100265	Single Cell Mining Claim	1	5/31/2022	Active	200	400
(100) KRAKEN GOLD CORPORATION	BOND	100337	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	101106	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	115828	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	115887	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	116423	Single Cell Mining Claim	1	5/31/2022	Active	400	0
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(100) KRAKEN GOLD CORPORATION	BOND	125671	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND	126212	Single Cell Mining Claim	1	5/31/2022	Active	400	0
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(100) KRAKEN GOLD CORPORATION	BOND	127641	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	128409	Single Cell Mining Claim	1	5/31/2022	Active	200	0
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(100) KRAKEN GOLD CORPORATION	BOND	142730	Single Cell Mining Claim	1	5/31/2022	Active	200	0
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(100) KRAKEN GOLD CORPORATION	BOND	202749	Single Cell Mining Claim	1	5/31/2022	Active	400	400

Registered Holder	Township / Area	Tenure ID	Tenure Type	# Cells	Anniversary Date	Tenure Status	Work Required	Total Reserve
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(100) KRAKEN GOLD CORPORATION	BOND	208808	Single Cell Mining Claim	1	5/31/2022	Active	400	0
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(100) KRAKEN GOLD CORPORATION	BOND	291033	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	294217	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	294259	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	295609	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	296190	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	296191	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	296192	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	302422	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	313432	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	324076	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	324859	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	324902	Single Cell Mining Claim	1	5/31/2022	Active	400	400

Registered Holder	Township / Area	Tenure ID	Tenure Type	# Cells	Anniversary Date	Tenure Status	Work Required	Total Reserve
(100) KRAKEN GOLD CORPORATION	BOND	325005	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND	325408	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	325409	Single Cell Mining Claim	1	5/31/2022	Active	400	400
(100) KRAKEN GOLD CORPORATION	BOND	333332	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	337360	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	115757	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	115827	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	191825	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	197643	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	221721	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	228472	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	234959	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	274738	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	283715	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	295795	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	310708	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	313371	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	BOND,CURRIE	325429	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	101105	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	101208	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	105517	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	114321	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	116247	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	116248	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	116249	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	117455	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	122426	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	123120	Boundary Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	123121	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	125932	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	127585	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	127586	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	144775	Boundary Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	153820	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	153821	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	156878	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	162889	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	166784	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	167530	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	170459	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	181049	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	181147	Single Cell Mining Claim	1	5/31/2022	Active	400	0

Registered Holder	Township / Area	Tenure ID	Tenure Type	# Cells	Anniversary Date	Tenure Status	Work Required	Total Reserve
(100) KRAKEN GOLD CORPORATION	CURRIE	181148	Boundary Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	189939	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	196066	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	196067	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	196281	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	196282	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	198234	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	205668	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	214619	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	215727	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	215728	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	216130	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	216131	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	216427	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	217033	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	219267	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	219268	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	219269	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	227219	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	228473	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	234240	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	234259	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	234260	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	234261	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	239348	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	239349	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	249318	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	256081	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	256082	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	262927	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	262953	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	270026	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	270027	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	272216	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	283005	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	285231	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	288866	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	290359	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	291127	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	291128	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	293338	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	293339	Single Cell Mining Claim	1	5/31/2022	Active	200	0

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(100) KRAKEN GOLD CORPORATION	CURRIE	295075	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	309953	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	309954	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	313372	Single Cell Mining Claim	1	5/31/2022	Active	400	314
(100) KRAKEN GOLD CORPORATION	CURRIE	322471	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	322472	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	324276	Boundary Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	325430	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	329985	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	330116	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	332471	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	336124	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	341950	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	341951	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	CURRIE	341952	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	343245	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	343246	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	MACKLEM	119787	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	MACKLEM	277685	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	MACKLEM	338102	Single Cell Mining Claim	1	5/31/2022	Active	200	0
(100) KRAKEN GOLD CORPORATION	MACKLEM,THOMAS	176576	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	MACKLEM,THOMAS	222494	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	MACKLEM,THOMAS	338103	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	129169	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	163689	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	176577	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	176578	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	230448	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	278471	Single Cell Mining Claim	1	5/31/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	MACKLEM	164989	Single Cell Mining Claim	1	7/6/2022	Active	400	780
(100) KRAKEN GOLD CORPORATION	MACKLEM	231714	Single Cell Mining Claim	1	7/6/2022	Active	200	180
(100) KRAKEN GOLD CORPORATION	MACKLEM	243925	Single Cell Mining Claim	1	7/6/2022	Active	200	780
(100) KRAKEN GOLD CORPORATION	MACKLEM	279749	Single Cell Mining Claim	1	7/6/2022	Active	200	780
(100) KRAKEN GOLD CORPORATION	MACKLEM	327005	Single Cell Mining Claim	1	7/6/2022	Active	200	380
(100) KRAKEN GOLD CORPORATION	MACKLEM,THOMAS	158374	Single Cell Mining Claim	1	7/6/2022	Active	400	704
(100) KRAKEN GOLD CORPORATION	MACKLEM,THOMAS	183927	Single Cell Mining Claim	1	7/6/2022	Active	400	380
(100) KRAKEN GOLD CORPORATION	MACKLEM,THOMAS	298378	Single Cell Mining Claim	1	7/6/2022	Active	400	380
(100) KRAKEN GOLD CORPORATION	THOMAS	119048	Single Cell Mining Claim	1	7/6/2022	Active	400	380
(100) KRAKEN GOLD CORPORATION	THOMAS	183928	Single Cell Mining Claim	1	7/6/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	223754	Single Cell Mining Claim	1	7/6/2022	Active	400	380
(100) KRAKEN GOLD CORPORATION	THOMAS	298379	Single Cell Mining Claim	1	7/6/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	298380	Single Cell Mining Claim	1	7/6/2022	Active	400	0

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(100) KRAKEN GOLD CORPORATION	BOND	561790	Single Cell Mining Claim	1	10/14/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	561791	Single Cell Mining Claim	1	10/14/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,SHERATON	532898	Multi-cell Mining Claim	10	10/15/2022	Active	4000	0
(100) KRAKEN GOLD CORPORATION	BOND	567811	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	567812	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	567813	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	567814	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	567815	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	567816	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	567817	Single Cell Mining Claim	1	12/27/2022	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	571117	Single Cell Mining Claim	1	1/24/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	571118	Single Cell Mining Claim	1	1/24/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578799	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578800	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578801	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578802	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578803	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578804	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	578805	Single Cell Mining Claim	1	2/14/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504314	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504315	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504316	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504317	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504318	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504319	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504320	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504321	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504322	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504323	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504324	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504325	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504326	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504327	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504328	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504329	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	504330	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	506761	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	506762	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	506763	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND	506764	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,SHERATON	503743	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,SHERATON	503754	Single Cell Mining Claim	1	4/10/2023	Active	400	0

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(100) KRAKEN GOLD CORPORATION	BOND,SHERATON	503755	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,SHERATON	503756	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOND,SHERATON	512064	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOWMAN,CURRIE	506084	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	BOWMAN,CURRIE	506086	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	506085	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	506087	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	CURRIE	506088	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503736	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503737	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503738	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503739	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503740	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503741	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503742	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503744	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503745	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503746	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503747	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503748	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503749	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503750	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503751	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503752	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	503753	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	505442	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON,THOMAS	505444	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON,THOMAS	505448	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505443	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505445	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505446	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505447	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505449	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505450	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505451	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	505452	Single Cell Mining Claim	1	4/10/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON	516076	Single Cell Mining Claim	1	4/12/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	SHERATON,THOMAS	516075	Single Cell Mining Claim	1	4/12/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	516074	Single Cell Mining Claim	1	4/12/2023	Active	400	0
(100) KRAKEN GOLD CORPORATION	THOMAS	516077	Single Cell Mining Claim	1	4/12/2023	Active	400	0

Appendix 2

Drill Logs

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-001

Easting:	523147.72	***Core Size:***	NQ	***Logged by:***	Mark Terry
Northing:	5369348.00	***Drilled by:***	NPLH Drilling		
Elevation:	262.19	***Drill ID:***			
Collar Azimuth:	265.0	***Project:***			
Collar DIP:	-50.0	***Date Started:***	3/28/2020		
Hole length:	294	***Date Completed:***	4/2/2020 7:35:40 PM		

Comments:

Casing left in hole., Updated XYZ with averaged GPS

Downhole Survey Tests:

Depth	*Azimuth*	*Dip*	*Type*	*Magnetic Strength*	*Comments*
0.00	265.00	-50.00	Planned		
84.00	267.50	-47.70	Relex	55661	
135.00	268.50	-48.20	Relex	5561	
186.00	269.40	-48.50	Relex	55816	
237.00	270.50	-48.60	Relex	55899	
288.00	271.40	-48.20	Relex	55944	

Lithology From	*To*	*Rock Code*	*Description*	*From*	*To*	*Length*	*Sample #*	*Au (g/t)*	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
0.00	67.50	OVB	Overburden Some granitic erratics along with a basalt boulder (?). Assume bedrock begins at the mineralized porphyry.									
67.50	76.50	QFP	Light green-tan coloured quartz feldspar porphyry. 3% to 5% fine anhhedral to euhedral pyrite overall with some occurring within the silcious matrix and also as concentrations within or along hairline chloritic fratcures. A few narrow grey quartz and quartz calcite stringers up to 3cm in width with quartz veining comprising 2% of the unit. Lower 0.3m of the unit is weakly bleached and hosts at 7cm to 8 cm quartz calcite vein - no contact measurements due to grinding and spinning during drilling.									
				67.50	68.50	1.00	147001	0.011	61	17	41	0.1
				68.50	69.50	1.00	147002	0.005	26	4	20	0.1
				69.50	70.50	1.00	147003	0.014	14	3	19	0.1
				70.50	71.50	1.00	147004	0.008	68	1	18	0.1
				71.50	72.15	0.65	147005	0.009	50	3	20	0.1
				72.15	72.50	0.35	147006	0.015	63	4	114	0.3
				72.50	73.50	1.00	147008	0.057	53	8	21	0.3
				73.50	74.50	1.00	147009	0.051	28	5	25	0.2

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				74.50	75.50	1.00	147010	0.038	27	1	17	0.1
				75.50	76.10	0.60	147011	0.032	46	4	19	0.1
				76.10	76.50	0.40	147012	0.041	211	3	22	0.4
76.50	80.80	MV	Medium to dark green medium textured weakly foliated basalt with intense reaction to HCl. A few light grey-light pink quartz calcite stringers up to 3cm in width occur at 55 to 70 degrees to the core axis. Minor hematite along the margins of the quartz calcite stringers. Vein frequency approximately 1 per 0.3m. 3% fine euhedral pyrite overall. Lower 5cm is a bleached halo with 5% fine euhdral pyrite. 80.8m - contact at 20 degrees to the core axis.									
				76.50	77.00	0.50	147013	0.050	52	1	86	0.2
				77.00	78.00	1.00	147014	0.011	162	1	112	0.1
				78.00	79.00	1.00	147015	0.028	62	4	97	0.1
				79.00	79.45	0.45	147016	0.021	63	3	111	0.1
				79.45	80.10	0.65	147017	0.012	86	5	139	0.1
				80.10	80.70	0.60	147018	0.013	87	3	202	0.1
				80.70	81.40	0.70	147019	0.036	17	6	144	0.3
80.80	81.80	QV	Light grey to cream mottled textured quartz calcite vein with several inclusiosnof green basalt along with a few chloritiuc styolites. 3% fine euhedral to subhedral pyrite overall with localized concentrations up to 5% over a few cm. Pyrite occurs within and along the margins of the mafic inclusions, along the chloritic styolites as well as freely within the quartz. Vein is very blocky with poor RQD values (possible fault). 81.8m - contact is ground and blocky core - estimate of 30 degrees to the core axis.									
				81.40	81.80	0.40	147020	0.041	11	18	24	0.3
81.80	82.10	MV	Dark green medium textured moderately foliated basalt with intense reaction to HCl. Well developed fabric at 40 degrees to the core axis. A few narrow quartz calcite stringers up to 2cm in width parallel to the main fabric. 2% fine euhedral pyrite. 82.1m - contact sharp at 60 degrees to the core axis.									
				81.80	82.10	0.30	147022	0.019	38	1	154	0.1
82.10	91.60	FI	Tan-light green-grey fine textured quartz porphyry with a few small quartz phenocrysts hosted in a silicious matrixWeak chlorite results in a slight greenish hue in places. 3% to 4% fine euhedral to anhedral pyrite. Localized fine leucoxene. A few hairline quartz calcite stringers crosscut at 30 to 60 degrees to the core axis. Intermittent weak to moderate calcite alteration. 91.6m - contact at 40 degrees to the core axis									
				82.10	83.10	1.00	147023	0.014	12	4	24	0.1
				83.10	84.10	1.00	147024	0.015	22	4	29	0.1
				84.10	85.10	1.00	147025	0.016	32	6	31	0.1
				85.10	86.10	1.00	147026	0.011	22	1	39	0.1
				86.10	87.10	1.00	147027	0.013	14	1	35	0.1
				87.10	88.10	1.00	147028	0.011	16	1	43	0.1
				88.10	89.10	1.00	147029	0.009	15	1	40	0.1
				89.10	90.10	1.00	147030	0.015	18	1	39	0.1
				90.10	90.80	0.70	147031	0.012	17	2	62	0.1
				90.80	91.60	0.80	147033	0.010	24	4	49	0.1
91.60	105.30	QFP	Quartz feldspar porphyry with tightly spaced cream coloured feldspar									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
			phenocrysts up to 1cm across along with a few translucent quartz phenocrysts up to 5mm across in a greenish-grey silicious matrix. A few narrow quartz stringers up to 5mm in width with quartz veining comprising less than 1% of the unit. .0.5% to 1% fine euhedral pyrite. Weak reaction to HCl from a few hairline calcite fractures. No significant veining, sulphide mineralization or alteration in this unit.									
			105.3m - contact at 37 degrees to the core axis.									
				91.60	92.60	1.00	147034	0.010	23	3	44	0.1
				92.60	93.60	1.00	147035	0.013	19	3	47	0.1
105.30	107.95	MV	Medium green fine to medium textured basalt. No quartz veining. A few hairline calcite stringers. Intermittent weak reaction to HCl. Up to 0.5% fine euhedral pyrite.									
			107.95m - contact at 36 degrees to the core axis.									
107.95	110.25	QFP	Similar greyish-green quartz feldspar porphyry as unit at 91.6 - 105.3m with slightly larger and not quite as tightly spaced cream coloured feldspar phenocrysts along with a few small quarzt phenocrysts in a grey-green (chlorite) silicious matrix. No quartz veining. Up to 0.5% fine euhedral pyrite. Reaction to HCl confined to a few hairline calcite stringers. No reaction to potassium ferrocyanide.									
			110.25m - contact at 42 degrees to the core axis.									
110.25	111.30	IV	Medium to light grey fine textured intermediate to mafic volcanic with moderate calcite alteration. No quartz veining. % to 3% fine pyrite. No significant mineralization or alteration associated with this unit.									
111.30	117.30	QFP	Medium to dark grey quartz feldspar porphyry with cream feldspar phenocrysts up to 15mm across. Few quartz phenocryts up to 5mm. A few narrow quartz calcite stringers up to 5mm in width with quartz veining comprising less than 1% of the unit. Unit becomes much darker below 116m, with a notable increase in graphite content. Majority of the unit hosts up to 1% fine euhedral pyrite. The darker lower portion hosts 2% to 3% pyrite. Very blocky between 116.3 - 117m.									
			117.3m - contact at 47 degrees to the core axis.									
				115.00	116.30	1.30	147036	0.006	32	9	30	0.1
				116.30	117.30	1.00	147037	0.013	33	16	56	0.5
117.30	117.90	FI	Light grey to light tan intensly silicified (quartz flooded) felsic dyke with 5% to 8% fine euhedral to subhedral pyrite. A few ghost feldspar phenocrysts. A few hairline calcite stringers. Only reaction to HCl is from the hairline stringers.									
			117.9m - contact at 58 degrees to the core axis.									
				117.30	117.90	0.60	147038	0.007	28	91	181	0.4
117.90	120.20	FZ	Dark grey to black moderately graphitic (carbonaceous) argillite along with 3% to 5% gouge. A few solid pieces of core up to 20cm but overall RQD values are poor. A few narrow quartz stringers near the upper contact. 5% fine euhedral pyrite overall. Estimate of 0.3 to 0.4m core loss. 120.2m - contatc is blocky core - estimate of 60 degrees to the core axis.									
				117.90	119.00	1.10	147040	0.012	81	79	310	0.9
				119.00	119.90	0.90	147041	0.017	57	27	368	0.3
				119.90	120.50	0.60	147042	0.009	46	293	515	0.4
120.20	124.00	FI	Medium grey to locally brownish-grey fine to medium textured felsic intrusive (porphyry) with a few ghost quartz phenocrys noted throughout the very silified matrix. A few isolated sections up to 10cm in width host cream coloured feldspar phenocrsyts similar to the phonocrysts in the porphyries above and immediately below (possibly magmatic segregation).									
				120.50	121.00	0.50	147043	0.005	41	56	132	0.1
				121.00	122.00	1.00	147045	0.005	39	42	89	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				122.00	123.00	1.00	147046	0.009	27	42	78	0.1
				123.00	124.00	1.00	147047	0.015	17	4	39	0.1
124.00	147.25	QFP	Medium to dark grey quartz feldspar porphyry. Large cream coloured feldspar phenocrysts up to 15mm across. A few narrow quartz calcite stringers up to 1cm in width. Overall quartz veining is 1% to 2%, with exception being between 128.5 - 129m which hosts 5% quartz calcite veining along with 3% fine pyrite and weak sericite. Majority of the porphyry hosts 1% to 2% fine euhedral pyrite.									
			147.25m - contact at 53 degrees to the core axis.									
				124.00	125.00	1.00	147048	0.016	20	8	53	0.1
				125.00	126.00	1.00	147049	0.006	16	7	50	0.1
				126.00	127.00	1.00	147050	0.008	15	10	54	0.1
				127.00	128.00	1.00	147051	0.006	19	9	56	0.1
				128.00	128.50	0.50	147052	0.005	14	16	65	0.1
				128.50	129.00	0.50	147053	0.011	16	9	47	0.1
				129.00	130.00	1.00	147054	0.005	16	13	55	0.1
				130.00	131.00	1.00	147055	0.005	16	15	62	0.1
147.25	148.20	FI	Light grey fine to medium textured felsic intrusive with a few distinct quartz phenocrysts in a silicious matrix. 5% fine pyrite overall. A few narrow cream coloured quartz calcite stringers up to 2cm in width. Only reaction to HCl is from the quartz calcite and calicte stringers.									
			148.20m - contact at 15 degrees to the core axis.									
148.20	148.50	Grap	Black graphitic argillite. No quartz veining. Several hairline white calcite stringers. 3% fine pyrite.									
			148.5m - contact is sheared at 26 degrees to the core axis.									
148.50	154.70	QFP	Dark grey quartz feldspar porphyry. Same large cream coloured feldspar phenocrysts as in the QFP units above but there is a significant amount of carbon material in the matrix, resulting in a dark grey to black colour. No quartz veining. A few narrow white calcite stringers. 5% very fine disseminated pyrite. Very silicious.									
			157.70m - contact at 30 degrees to the core axis.									
154.70	156.30	Grap	Black graphitic argillite with 5% pyrite which occurs as noddules or stretched lenses up to 3mm X 2cm. Pyrite aslos occurs as clusters of fine crystals concentrated along foliation fabric at 10 degrees to the core axis. A few narrow cream coloured quartz calcite stringers up to 5mm in width occur at 10 to 15 degrees to the core axis. Blocky with poor RQD values.									
			156.30m - contact at 30 degrees to the core axis.									
156.30	157.00	QFP	Same dark grey carbonacous QFP as described from 148.5 - 154.70m. No quartz veining. Blocky with fractureing occurring subparallel to the core axis.									
			157m - contact at 10 degrees to the core axis.									
				156.30	157.00	0.70	147056	0.030	221	201	2060	0.8
157.00	157.70	Grap	Black graphitic argillite. Typical Pocupine Group graphitic argillite with large noddular pyrite along with some finely disseminated euhedral to subhedral pyrite. Many of the noddules are slightly stretched along a fabric (foliation) at 10 to 20 degrees to the core axis.									
				157.00	157.70	0.70	147057	0.022	288	226	2770	1.1
157.70	158.00	IV	Bleached light grey fine textured intermediate volcanic(?). No quartz veining. A few hairlien calcite stringers. 8% to 10% very fine pyrite. Contacts with the graphitic argillite run subparallel along the core axis. With the low contact angles between the QFP, graphitic argillite and this bleached unit, it appears that the drilling is along a slightly undulating contact.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
			158m - contact at 5 degrees to the core axis.									
				157.70	158.00	0.30	147058	0.006	60	65	198	0.1
158.00	167.30	Grap	Black graphitic argillite of the Porcupine Group with 5% to 8% pyrite, the majority occurring as rods strtched along a fabric at 30 degrees to the core axis. No quartz veining. A few blocky sections with fracturing occuring along planes at 10 to 30 degrees to the core axis.									
			167.3m - contact is blocky and sheared core - estimate of 15 degrees to the core axis.									
				158.00	159.00	1.00	147059	0.024	465	405	2450	5.1
167.30	169.10	FZ	Black graphitic argillite with 3% to 5% graphitic gouge. Sheared and blocky throughout with a more competent interval occurring between 168.4 - 168.8m. Designated as a fault zone due to the presence of gouge. No quartz veining. Pyrite content and habit similar to that found in the graphitic argillite unit above.									
			169.10m - contact at 32 degrees to the core axis.									
				168.40	169.10	0.70	147060	0.006	84	74	702	0.2
169.10	174.80	IV	Bleached light gey fine textured intermediate volcanic with strong to intense calcite alteration. 8% to 10% finely disseminate euhedral to subhedral pyrite. A few narrow quartz calcite stringers up to 3cm in width with quartz veining comprising up to 1% of the unit. 5% to 8% fine disseminated pyrite throughout the volcanic. Very minor amountb of sulphide mineralization noted in the quartz calcite veining.									
			174.80m - contact at 18 degrees to the core axis.									
				169.10	170.00	0.90	147061	0.015	312	194	1900	1
				170.00	171.00	1.00	147062	0.005	70	9	96	0.1
				171.00	172.00	1.00	147063	0.006	52	16	79	0.1
				172.00	173.00	1.00	147065	0.002	72	17	139	0.1
				173.00	174.00	1.00	147066	0.006	85	12	87	0.1
				174.00	174.80	0.80	147067	0.005	120	33	183	0.1
174.80	175.70	Grap	Black graphitic argillite. Same Porcupine sedimentary unit as above. Only quartz veining a 3cm quartz calcite stringer at the upper contact. More competent than the graphitic units above.									
			175.7m - contact at 63 degrees to the core axis.									
				174.80	175.70	0.90	147068	0.017	322	172	2540	0.7
175.70	176.70	QFP	Dark grey quartz feldspar porphyry. Notably different than the QFP units higher up in the hole. There are fewer feldpar phenocrysts and significantly more quartz phenocrysts. The matricx is more silicious (quartz flooding). 3% to 5% very fine pyrite disseminated throughout the silicious matrix. No quartz veining. A few hairline calcite stringers. Reaction to HCl confined to the hairline calcite stringers.									
			176.70m - contact sharp at 27 degrees to the core axis.									
				175.70	176.60	0.90	147069	0.006	19	13	52	0.1
				176.60	177.30	0.70	147070	0.005	43	20	91	0.1
176.70	177.90	IV	Bleached light grey fine textured intermediate volcanic with strong to intense reaction to HCl. Same as unit from 169.10 - 174.80m. A few narrow quartz and quartz calcite stringers up to 5mm in width widely spaced throughout. Overall quartz veining comprises 3% of the unit. 8% to 10% very fine pyrite. 177.90m - contact at 42 degrees to the core axis.									
				177.30	178.00	0.70	147071	0.002	65	25	357	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
177.90	181.70	Grap	Same black graphitic argillite as the units above (Porcupine Group). No quartz veining. Slightly less pyrite content with much fewer large noddules. Some pyrite occurs as boudined stringers up to 1cm in width at 25 to 30 degrees to the core axis. The few large pyrite noddules do not sure the some stretching as the noddules in the graphitic units above (decrease in strain intensity).									
			181.70m - contact sharp at 30 degrees to the core axis.									
				178.00	179.00	1.00	147072	0.015	436	272	3110	1.4
				179.00	180.00	1.00	147073	0.020	349	398	4180	1.5
				180.00	181.00	1.00	147074	0.018	404	462	4150	1.4
				181.00	181.70	0.70	147075	0.017	262	625	4160	1.3
181.70	188.50	QFP	Dark grey quartz feldspar porphyry. Same as the porphyry at 175.70 - 176.70m. No quartz veining. 8% to 10% fine disseminated pyrite in the dark grey-black quartz flooded matrix. Minor amount of kspar in some of phenocrysts. Several narrow calcite stringers. Reaction to HCl confined to the calcite stringers. Unit becomes blocky below 187..40m (corresponding to increase in density of calcite stringers). 188.50m - contact at 67 degrees to the core axis.									
			188.50m - contact at 67 degrees to the core axis.									
				181.70	182.30	0.60	147076	0.002	38	22	125	0.1
				182.30	183.00	0.70	147077	0.002	31	20	70	0.1
				183.00	184.00	1.00	147078	0.002	20	13	43	0.1
				184.00	185.00	1.00	147079	0.002	27	18	156	0.1
				185.00	186.00	1.00	147081	0.007	33	127	375	0.1
				186.00	187.00	1.00	147082	0.007	30	386	967	0.3
				187.00	187.65	0.65	147083	0.005	30	144	173	0.1
				187.65	188.50	0.85	147084	0.013	75	181	403	0.2
188.50	188.80	QV	Interval with 50% quartz calcite veining in the silicious dark grey QFP. largest vein is 15cm. Another vein is 5cm. Remaining vein material consists of stringers ranging in width from 1mm to 5mm. Very minor amount of pyrite noted inthe quartz veining (up to 0.5% overall) with the sulphide occurring at the vein margins as well as wthin as few small QFP inclusions near the hangingwall. 10% fine pyrite in the QFP component of the unit.									
			188.80m - contact at 68 degrees to the core axis.									
				188.50	188.80	0.30	147085	0.011	51	1230	672	0.5
188.80	191.70	Grap	Black graphitic argillite. No quartz veining. Several narrow ans brecciated white calcite stringers occur in the upper30cm of the unit. 3% fine pyrite. Poor RQD values.									
			191.7m - contact at 45 degrees to the core axis.									
				188.80	189.20	0.40	147086	0.006	16	87	155	0.1
				189.20	190.00	0.80	147087	0.005	9	59	226	0.1
				190.00	190.80	0.80	147088	0.021	221	694	1090	1.3
191.70	195.70	IV	Medium grey fine to medium textured intermediate to mafic volcanic. A few hairline quartz calcite stringers. 2% to 3% fine pyrite throughout. Weak ankerite (tested with potassium ferrocyanide soloution). No reaction to HCl. Non magnetic. Very hard (silicified). Lower 20cm is aphanitic with a 4cm bleached chill margin at the lower contact.									
			195.70m - contact sharp at 50 degrees to the core axis.									
				191.70	192.70	1.00	147089	0.005	190	248	1120	0.2
				192.70	193.70	1.00	147090	0.006	126	49	148	0.2
				193.70	194.70	1.00	147091	0.002	145	5	81	0.1
				194.70	195.70	1.00	147092	0.086	134	9	95	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
195.70	202.40	QFP	Dark grey quartz feldspar porphyry. Cream coloured feldspar phenocrysts up to 1cm across along with translucent grey quartz phenocrysts up to 5mm across hosted in a grey silicious matrix. A few narrow and barren quartz calcite stringers up to 3mm in width. One 4cm white barren quartz calcite vein (mainly calcite with minor quartz) occurs at 201.3m. Overall quartz veining comprising 2% to 3% of the unit. 5% to 8% finely disseminated pyrite. 202.40m - contact is blocky and ground core - no measurement.									
				195.70	196.70	1.00	147093	0.005	13	9	95	0.1
				196.70	197.70	1.00	147094	0.007	42	7	60	0.1
				197.70	198.70	1.00	147096	0.002	41	11	100	0.1
				198.70	199.70	1.00	147097	0.006	23	9	109	0.1
				199.70	200.70	1.00	147098	0.006	27	11	111	0.1
				200.70	201.70	1.00	147099	0.005	17	29	200	0.2
				201.70	202.40	0.70	147100	0.002	32	25	148	0.1
202.40	202.70	QV	0.20m to 0.25m light grey to cream quartz calcite vein with 3% fine pyrite overall. Pyrite occurs freely within the quartz as well as withi a few inclusiosn of QFP. Very blocky with poor RQD values. 202.7m - contact is ground core - no angle measurement									
				202.40	202.70	0.30	147101	0.028	171	150	2060	4.9
202.70	204.30	QFP	Dark grey quartz feldspar porphyry. Similar to the porphyry at 195.7 - 202.40m but with notable increase in quartz calcite veining as well as graphite content, especially below 204m. Largest vein is 9cm (202.75 - 202.84m). Minor amount of fine ehedral to subhedral pyrite in the veining, with the exception being the vein near the lower contact (low angles to the core axis) which hosts 5% fine euhedral pyrite. 8% to 10% fine pyrite in the QFP host. Contacts on majority of the veins and stringers including the 9cm vein are 60 degrees to the core axis. Vein at the lower contact is at 10 degrees to the core axis. 204.30m - contact sheared at 40 degrees to the core axis.									
				202.70	203.60	0.90	147103	0.007	59	50	371	0.2
				203.60	204.30	0.70	147104	0.006	104	70	382	0.2
204.30	205.30	FZ	Fault Zone - sheared and blocky black graphitic argillite along with a few pieces of dark grey QFP. No recognizable quartz veining. Several narrow calcite stringers. 5% to 8% fine pyrite overall. Up to 10% graphitic gouge. Poor RQD values with the largest intact piece of core being 5cm in length. 205.3m - contact estimated at 20 degrees to the core axis.									
				204.30	205.30	1.00	147105	0.008	112	176	1450	0.5
205.30	232.00	QFP	Dark grey quartz feldspar porphyry. Similar to the QFP above. A few narrow quartz calcite stringers with notably less veining than the QFP at 202.70 - 204.30m). 5% to 8% fine euhedral to subhedral pyrite diseminated throughout the dark silicious matrix. A few light grey-cream quartz calcitev stringers up to 2cm in width (drilling has just clipped the edges of the stringers - possibly a single narrow quartz calcite stringer running subparallel to the core axis). 2% fine pyrite in these partial stringers which occur between 212.20 - 212.40m. A 1cm tio 3cm boudined grey quartz calcite vein with 2% to 3% fine to medium euhedral to subhedral pyrite occurs at 213.30m at 15 degrees to the core axis. Overall quartz veining comprises up to 0.5% of the unit. A few hairline calcite stringers occur at 10 degrees to the core axis. A second generation of calcite hematite +/- epidote stringers occur at 10 to 50 degrees to the core axis, with a notable increase in hematite and epidote below 222m. 3% to 5% euhedral to subhedral pyrite overall. 252m - contact at 18 degrees to the core axis.									
				205.30	206.00	0.70	147106	0.008	68	77	613	0.5
				206.00	207.00	1.00	147107	0.009	87	105	794	0.4
				207.00	208.00	1.00	147108	0.002	30	13	136	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				208.00	208.85	0.85	147110	0.002	30	11	81	0.1
				208.85	210.00	1.15	147111	0.002	26	45	213	0.1
				210.00	211.10	1.10	147112	0.002	26	26	170	0.1
				211.10	212.10	1.00	147113	0.002	22	62	154	0.1
				212.10	212.50	0.40	147114	0.002	26	52	151	0.1
				212.50	213.00	0.50	147115	0.002	32	234	339	0.3
				213.00	213.40	0.40	147116	0.002	50	129	236	0.3
				213.40	214.40	1.00	147118	0.002	26	51	186	0.1
				214.40	215.40	1.00	147119	0.002	13	29	115	0.1
				215.40	216.40	1.00	147120	0.002	23	42	120	0.1
				224.00	225.00	1.00	147121	0.002	39	7	53	0.1
				225.00	226.00	1.00	147122	0.002	38	5	44	0.1
				226.00	227.00	1.00	147123	0.002	21	6	48	0.1
				227.00	228.00	1.00	147124	0.002	20	13	75	0.1
				228.00	229.00	1.00	147126	0.002	18	189	595	0.1
				229.00	230.00	1.00	147127	0.002	25	81	309	0.1
				230.00	231.00	1.00	147128	0.021	23	77	234	0.2
				231.00	232.00	1.00	147129	0.002	51	2030	6210	0.3
232.00	232.80	Grap	Black graphitic argillite. Very blocky with minor gouge down to 232.45m (possible fault contact with the porphyry).15% pyrite overall with the majority occurring as semi massive clusters of large anhedral to subhedral crystals weakly aligned along a fabric at 5 to 10 degrees to the core axis. These pyrite- rich lenses occur between 232.45 - 232.80m. No quartz veining. 232.8m - contact approximately 15 degrees to the core axis.									
				232.00	232.80	0.80	147130	0.017	138	2000	1880	1.4
232.80	233.40	Flowbx	Not true flow breccia - Black graphitic argillite matrix with lenses of massive pyrite up to 20cm in width along with a few small boudined fragments of quartz calcite veining and a few fragmenst of felsic intrusive , all somehat alligned along fabric at low angles to the core axis. 233.40m - contact is blocky - estiamte of 10 degrees to the core axis.									
				232.80	233.40	0.60	147131	0.032	56	199	295	2.2
233.40	233.90	Grap	Black graphitic argillite with small pods and lenses of fine anhedral to subhedral pyrite aligned along fabric at 10 to 20 degrees to the core axis. Overall pyrite content is 15% to 20% of the unit. No quartz veining. 233.90m - contact at 30 degrees to the core axis.									
				233.40	233.90	0.50	147133	0.009	69	306	453	0.5
233.90	235.00	Sed	Feldspar porphyry with severl tightly spaced small white feldspar phenocrysts hosted in a dark grey to black matrix. Several narrow elongated inclusion of black argillite occur throughout (may represent a paleo erosional surface). 10% pyrite overall including coarse euhedral crystals as well as a few large pods similar to those found in the brecciated unit above. No quarzt veining. Well developed fabric at 20 to 30 degrees to the core axis. 235m - contact sharp at 30 degrees to the core axis.									
				233.90	235.00	1.10	147134	0.002	16	78	427	0.3
235.00	251.12	Flowbx	Medium green basaltic flow breccia with green basalt matrix hosting sheared inclusiosn of light grey-tan coloured feldspar porphyry material as well as a few small quartz calcite vein fragments. The fragments show an alignmemt at 10 to 15 degrees to the core axis. Up to 1% fine pyrite overall. A few narow an irregular calcite stringers occur below 247m. Quartz veining comprises less than 1% of the unit. 251.12m - contact at 25 degrees to the core axis.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				235.00	236.00	1.00	147135	0.005	66	686	2330	0.4
				236.00	237.00	1.00	147136	0.002	87	123	431	0.3
				237.00	237.89	0.89	147137	0.007	90	45	239	0.3
251.12	259.40	FP	Medium green chloritized feldspar porphyry with several tightly spaced cream coloured feldspar phenocrysts hosted in a green matrix. A few inclusiosn of felsic intrusive material and what appears to be fragments of possible flow breccia material (becciated clasts of felsic material in a basaltic matrix). No quartz veining. Up to 1% fine pyrite overall. NOTE - DRILLERS HAVE INDICATED THERE IS A 3m CORRECTION BETWEEN THE START OF THE HOLE TO 258m. At the 255m Block, the drillers recounted the rods and discovered that depth was actually 258m. 259.40m - contact sheared at 46 degrees to the core axis.										
259.40	259.60	FZ	Fault - sheared and blocky green feldspar porphyry with 5% gouge. No quartz veining. 259.60m - contact at 20 degrees to the core axis.									
259.60	262.80	FP	Same medium green chloritized feldspar porphyry but with notable increase in felsic intrusive inclusions. A few narrow quartz calcite chlorite stringers, some with minor amount of jasper. Jasper alos occurs within several narrow chlorite fractures mainly at low angles to the core axis. Less than 1% pyrite. 262.8m - contact at 30 degrees to the core axis.									
262.80	294.00	Flowbx	Flow breccia tuff with a medium to coarse grained basaltic tuff hosting several fragments of bleached light grey felsic intrusive material along with a few fragments of quartz calcite vein material. Fragments range in size from less than 1cm to over 12cm in length. Majority of the fragments are aligned parallel to subparallel to the core axis. A few angular felsic fragments occur at random orientations. Other small fragments and a few of the quartz calcite stringers occur at 15 degrees to the core axis. A few narrow quartz calcite jasper stringers occur at low angles to the core axis while some occur at 40 to 50 degrees to the core axis. A few of the felsic fragmenst host 2% to 3% fine pyrite. Overall, the tuff unit hosts less than 1% pyrite. The upper portion of the unit has a few inclusions (?) of feldspar porphyry which occur at low angles to the core axis. Possibly drilling along an undulating contact between the porphyry and the tuff unit. 279.70 - 281m - interval with several large felsic fragments at 5 to 30 degrees to the core axis. 283.75 - 284m - large bleached light grey to tan fine to aphanitic textured fragment (rhyolitic) aligned along the core axis. 294m -END OF HOLE									
				263.00	264.00	1.00	147138	0.002	49	9	112	0.1
				264.00	265.00	1.00	147139	0.002	60	7	100	0.1
				265.00	266.00	1.00	147140	0.002	56	1	70	0.1
				266.00	267.00	1.00	147141	0.002	104	4	85	0.6
				267.00	268.00	1.00	147142	0.002	99	1	69	0.1
				268.00	269.00	1.00	147143	0.005	81	33	3130	0.4
				269.00	270.00	1.00	147145	0.005	72	13	129	0.1
				270.00	271.00	1.00	147146	0.002	96	8	100	0.1
				271.00	272.00	1.00	147147	0.002	81	37	118	0.1
				272.00	273.00	1.00	147148	0.006	124	12	100	0.1
				273.00	274.00	1.00	147149	0.006	102	4	88	0.1
				274.00	275.00	1.00	147150	0.002	74	3	84	0.1
				275.00	276.00	1.00	147151	0.002	80	1	85	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				276.00	277.00	1.00	147152	0.005	75	1	86	0.1
				277.00	278.00	1.00	147153	0.002	62	4	81	0.1
				278.00	279.00	1.00	147154	0.002	67	1	90	0.1
				279.00	280.00	1.00	147156	0.002	49	1	80	0.1
				280.00	281.00	1.00	147157	0.002	74	4	80	0.1
				281.00	282.00	1.00	147158	0.002	100	18	68	0.1
				282.00	283.00	1.00	147159	0.002	81	6	86	0.1
				283.00	284.00	1.00	147160	0.002	67	9	81	0.1
				284.00	285.00	1.00	147161	0.002	40	4	76	0.1
				285.00	286.00	1.00	147162	0.002	55	3	95	0.1
				286.00	287.00	1.00	147163	0.002	70	4	84	0.1
				287.00	288.00	1.00	147164	0.002	62	1	81	0.1
				288.00	289.00	1.00	147165	0.002	67	3	83	0.1
				289.00	290.00	1.00	147166	0.002	69	2	81	0.1
				290.00	291.00	1.00	147167	0.002	43	1	71	0.1
				291.00	292.00	1.00	147169	0.002	47	11	140	0.1
				292.00	293.00	1.00	147170	0.002	90	3	65	0.1
				293.00	294.00	1.00	147171	0.002	62	1	83	0.1

EOH : 294.000

Total # of samples : 155

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-002

Easting:	523247.95	***Core Size:***	NQ	***Logged by:***	Mark Terry
Northing:	5369344.41	***Drilled by:***	NPLH Drilling		
Elevation:	267.42	***Drill ID:***			
Collar Azimuth:	263.0	***Project:***			
Collar DIP:	-70.0	***Date Started:***	4/3/2020		
Hole length:	129	***Date Completed:***	4/4/2020 7:35:40 PM		

Comments:

Updated XYZ with averaged GPS

Downhole Survey Tests:

Depth	*Azimuth*	*Dip*	*Type*	*Magnetic Strength*	*Comments*
0.00		-70.00	Planned		
36.00	262.90	-69.20	Relex	55936	
87.00	266.20	-68.80	Relex	55869	

Lithology From	*To*	*Rock Code*	*Description*	*From*	*To*	*Length*	*Sample #*	*Au (g/t)*	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
0.00	24.65	OVB										
24.65	38.70	MV	Medium to dark green fine to locally aphaniticb textured basalt. A few narrow quartz calcite +/- hematite stringers up to 3cm in width with quartz veining comprising up to 1% of the unit. 33.4 - 34.6m - interval with intermittent strong hematite alteration and 2% to 3% fine pyrite. 38.7m - contact irregular at 25 degrees to the core axis.									
				33.10	34.00	0.90	147172	0.002	31	1	34	0.1
				34.00	35.00	1.00	147173	0.002	51	4	54	0.1
				35.00	36.00	1.00	147174	0.002	3	5	48	0.1
				36.00	37.00	1.00	147175	0.002	7	5	55	0.1
				37.00	38.00	1.00	147176	0.002	13	1	52	0.1
				38.00	39.00	1.00	147177	0.002	19	9	63	0.1
38.70	42.50	MV	Sheared green basalt. Several closely spaced vuggy quartz calcite hematite stringers running subparallel to the core axis along with narrow closely spaced irregular white calcite stringers at various orientations to ten core axis. Main fabric is at 5 to 15 degrees to the core axis. Quartz veining comprises 10% to 15% of the unit (exagerated due to low angles to core axis). 1% to 2% fine pyrite overall. Highest vein density occurs between 41.30 - 41.90m. 42.50m - contact is blocky core - estimate of 30 degrees to the core axis.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				39.00	40.00	1.00	147178	0.002	1	14	89	0.3
				40.00	41.00	1.00	147179	0.002	11	8	72	0.1
				41.00	41.90	0.90	147180	0.002	12	14	66	0.2
				41.90	42.50	0.60	147182	0.002	17	7	73	0.1
42.50	46.30	FZ	Sheared and blocky basalt with 3% to 5% green gouge. A few fragments of white quartz calcite vein material up to 3cm in width. Minor fine euhdral pyrite in a few of the vein fragments. Up to 1% pyrite in the basalt. 43m - contact is sheared at 30 degrees to the core axis.									
				42.50	43.00	0.50	147183	0.002	63	5	74	0.4
				43.00	44.00	1.00	147184	0.005	87	1	54	0.1
46.30	86.70	MV	Medium to dark green fine to aphanitic textured basalt. A few narrow quartz calcite hematite stringers up to 2cm in width with quartz veining comprising 3% to 5% of the unit. Intermittent hematite and calcite alteration. A few blocky intervals. Damage zone (increased strain) at 83.50m. 50.9 - 54m - weak hematite alteration and moderate to strong calcite alteration. 54 - 54.5m - jasper-rich interval with strong calcite alteration and 3% fine pyrite at 25 degrees to the core axis. 54.5 - 60m - weak hematite alteration and moderate calcite alteration 66.20 - 69.30m - interval with intermittent weak to moderate hematite and calcite aliteration. A few narrow quartz calcite hematite stringers at 30 to 40 degrees to the core axis. 71.30 - 80.50m - intermittent weak to moderate hematite and strong calcite alteration. 83.50 - 86.70m - interval with increase in foliation intensity (high strain zone) with well developed frabric at 20 degrees to the core axis. 86.70m - contact is very blocky - estimate of 10 degrees to the core axis.									
				51.00	52.00	1.00	147185	0.002	60	1	72	0.1
				52.00	53.00	1.00	147186	0.002	69	2	68	0.1
				53.00	54.00	1.00	147187	0.002	30	1	33	0.1
				54.00	54.50	0.50	147188	0.015	80	1	40	0.3
				54.50	55.50	1.00	147190	0.013	83	3	45	0.3
				55.50	56.50	1.00	147191	0.002	96	1	36	0.3
				68.00	69.00	1.00	147192	0.002	72	1	33	0.1
				69.00	70.00	1.00	147193	0.002	63	1	32	0.1
86.70	90.50	FZ	Possible fault zone with very blocky core and minor amount of gouge along fractures at low angles to the core axis. Minor hematite and calcite along fractured surfaces. No quartz veining, Up to 1% fine pyrite. 90.50m - contact at 27 degrees to the core axis.									
90.50	100.30	MV	Medium to dark green fine to aphanitic textured basalt. No quartz veining. Minor hematite along fractured surfaces. 1% pyrite overall. Very blocky from 95 - 96.30m 100.30m - contact sharp at 12 degrees to the core axis.									
				99.30	100.30	1.00	147194	0.002	87	14	43	0.1
100.30	102.00	FI	Brick red fine to medium textured syenite. No quartz veining. 2% to 3% euhedral to subhedral pyrite. Fine textured due to chilling - drilling along or subparallel to the contact. 102m - contact sharp at 28 degrees to the core axis.									
				100.30	101.30	1.00	147195	0.002	123	24	52	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				101.30	102.00	0.70	147196	0.002	84	10	60	0.1
102.00	108.70	MV	Dark green, massive, chloritic, scattered vuggy potassic and hematitic qtz stringers with approximately 1 to 2% disseminated and blebby py									
				102.00	103.00	1.00	147197	0.002	68	14	21	0.1
				105.00	105.50	0.50	147198	0.002	84	24	56	0.2
				105.50	106.00	0.50	147199	0.002	75	3	41	0.1
				106.00	106.50	0.50	147200	0.002	43	3	39	0.1
				106.50	107.00	0.50	147201	0.002	38	3	33	0.1
				107.00	107.50	0.50	147202	0.002	44	6	29	0.1
				107.50	108.00	0.50	147204	0.002	87	2	31	0.1
108.70	112.70	FZ	Mafic volcanic, extremely blocky, fractured, crumbled core, fractures @ 10 to 20 DTCA									
				112.20	113.00	0.80	147205	0.002	87	12	72	0.1
112.70	113.00	MV	SAA Dark green, massive, chloritic, scattered vuggy potassic and hematitic qtz stringers with approximately 1 to 2% disseminated and blebby py									
113.00	118.90	MI	Dark burgandy red, aphanitic, hematitic alteration, localized crackle breccia with whitish grey carbonate cement, angular hematized wallrock clasts, approximately 1 to 2% disseminated and blebby py localized along fractures, chlorite occurs along microfractures									
				113.00	113.70	0.70	147206	0.002	67	5	54	0.1
				113.70	114.20	0.50	147207	0.008	86	17	72	0.1
				114.20	115.00	0.80	147208	0.005	84	1	72	0.1
				115.00	116.00	1.00	147209	0.006	96	2	122	0.1
				116.00	117.00	1.00	147210	0.002	93	1	98	0.1
				117.00	118.00	1.00	147211	0.005	81	15	67	0.1
				118.00	118.90	0.90	147212	0.005	99	14	91	0.1
118.90	123.60	FZ	Extremely fractured, blocky and crumbled core, fault zone with fractures subparallel to CA, tr sul									
123.60	129.00	MV	dark green, massive, slightly flowy texture, predominantly chloritic, localized potassic and hematitic stringers subparallel to CA, approximately 1 to 2% blebby py locd along stringers									
				123.60	124.00	0.40	147213	0.005	70	10	42	0.1
				124.00	125.00	1.00	147214	0.002	74	1	57	0.1
				125.00	126.00	1.00	147215	0.002	65	1	34	0.1
				126.00	127.00	1.00	147216	0.002	55	5	34	0.1
				127.00	128.00	1.00	147217	0.002	54	1	47	0.1
				128.00	129.00	1.00	147218	0.005	53	2	64	0.1

EOH : 129.000

Total # of samples : 44

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-003

Easting:	523247.95	Core Size:	NQ	Logged by:	Terry/Caldbick
Northing:	5369344.41	Drilled by:	NPLH Drilling		
Elevation:	267.42	Drill ID:			
Collar Azimuth:	320.0	Project:			
Collar DIP:	-70.0	Date Started:	4/4/2020		
Hole length:	299.2	Date Completed:	4/8/2020 7:35:40 PM		

Comments:

Updated XYZ with averaged GPS; rods stuck in hole; pulled casing

Downhole Survey Tests:

Depth	Azimuth	Dip	Type	Magnetic Strength	Comments
0.00		-70.00			
33.00	318.20	-68.80	Relex	55810	
84.00	320.80	-67.90	Relex	55773	
135.00	321.50	-67.50	Relex	55767	
186.00	321.80	-66.90	Relex	55713	
237.00	323.70	-66.20	Relex	55668	
288.00	324.50	-65.70	Relex	55836	

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
0.00	20.50	OVB										
20.50	32.80	MV	dark green, predominantly chloritic, locally sericitic, moderately foliated slightly sheared with foliation @ 40 DTCA, abundant carbonate patches and stringers parallel to foliation, numerous qtz-potassic-calcitic vuggy vnt' with epidotitic alteration varying in orientation from para to CA to para to foliation, bleached sericitic sections with brecciated hyaloclastite, approximately 1 to 2% blebby py locd along vnt', from 32.2 to 32.8 approximately 3 to 4% finely disseminated py aligned in bands parallel to foliation									
				23.00	24.00	1.00	147219	0.002	76	3	76	0.1
				24.00	25.00	1.00	147220	0.002	51	4	65	0.1
				25.00	26.00	1.00	147221	0.002	17	3	25	0.1
				26.00	27.00	1.00	147223	0.002	12	1	44	0.1
				32.00	32.80	0.80	147224	0.002	39	7	48	0.1
32.80	34.66	MI	burgandy red hematitic slightly sheared mafic dyke with HW and FW ct' parallel to foliation, approximately 2 to 3% finely disseminated py throughout, abundant carb stringers parallel to foliation. 34.66m - contact at 46 degrees to the core axis.									
				32.80	33.20	0.40	147225	0.121	96	5	58	0.4
				33.20	34.00	0.80	147226	0.002	105	6	72	0.1
				34.00	34.60	0.60	147227	0.002	95	1	50	0.1
				34.60	35.00	0.40	147228	0.002	65	1	27	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
34.66	56.00	MV	Medium green very fine textured basalt. A few cream to light grey quartz calcite +/- hematite +/- epidote stringers and veins ranging in width from a few mm to 5cm with quartz veining comprising 2% to 3% of the unit. Up to 1% fine anhedral to euhedral pyrite overall with localized increases up to 3% over 5cm. 40 - 5cm cream coloured quartz calcite vein with 0.5% fine pyrite at the vein margins. Minor hematite and epidote at the vein contacts. Vein at 57 degrees to the core axis. 40.9 - 41.9m - interval with weak to moderately developed foliation at 35 to 45 degrees to the core axis. Weak to moderate epidote alteration. A few narrow quartz calcite +/- epidote +/- hematite stringers up to 1cm in width which cut across the foliation fabric at various angles. a 1mm to 5mm quartz calcite kspar stringer with 2% to 3% pyrite occurs at 41.45m. This stringer is at 25 degrees to the core axis. 48.45m - 2cm to 4cm quartz calcite epidote vein with 2% medium subhedral pyrite at 43 degrees to the core axis. 56m - cotact at 47 degrees to the core axis.	35.00	36.00	1.00	147229	0.002	82	3	35	0.1
				36.00	37.00	1.00	147230	0.036	85	5	45	0.1
				37.00	38.00	1.00	147231	0.019	68	3	81	0.1
				38.00	39.00	1.00	147233	0.002	78	3	39	0.1
				39.00	40.00	1.00	147234	0.002	68	1	46	0.1
				40.00	40.35	0.35	147235	0.002	21	1	54	0.1
				40.35	40.90	0.55	147236	0.002	112	1	45	0.1
				40.90	41.90	1.00	147237	0.005	87	1	52	0.1
				41.90	42.80	0.90	147238	0.002	70	1	16	0.1
				45.90	46.70	0.80	147239	0.002	77	1	27	0.3
				46.70	47.70	1.00	147241	0.002	82	2	43	0.1
				47.70	48.20	0.50	147242	0.002	56	1	26	0.1
				48.20	48.55	0.35	147243	0.002	59	1	20	0.1
				48.55	49.55	1.00	147244	0.002	57	1	23	0.1
56.00	56.65	FZ	Sheared and blocky green fine textured basalt. Weak to moderate hematite along with weak epidote. No quartz veining. 3% to 5% gouge. Largest piece of core intact is 3cm. 2% fine euhedrl pyrite overall. 56.65m - contact is blocky core - estimate of 35 degrees to the core axis.									
56.65	68.27	MV	Medium green to light green (weakly bleached)moderate to strongly foliated fine textured basalt. Well developed foliation at 45 degrees to the core axis. Very few narrow and boudined (stretched along foliation) quartz calcite stringers up to 5mm in width with quartz veining comprising less than 1% of the unit. 1% pyrite overall including 3% fine to medium euhedral to subhedral pyrite between 58.1m - 58.4m. The lighter coloured intervals coincide with strong calcite alteration along with weak epidote concentrated along the foliation planes. 66.90 - 67.10m - small burgandy coloured (hematized) very fine textured mafic dyke at 30 degrees to the core axis. 68.27m - contact sharp at 53 degrees to the core axis.	57.70	58.70	1.00	147245	0.002	89	6	51	0.2
				58.70	59.80	1.10	147246	0.002	82	3	67	0.1
				59.80	61.00	1.20	147247	0.002	65	4	79	0.1
				61.00	62.06	1.06	147248	0.002	70	1	63	0.1
68.27	68.57	II	Burgandy coloured fine to aphanitic textured mafic to intermediate dyke. No quartz veining. Minor jasper fragments. less than 1% fine pyrite. Very hard. Non magnetic. Strong reaction to HCl. 68.52m - contact at 55 degrees to the core axis with Beta angle 90 degrees from Beta of upper contact.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
68.57	68.65	IF	13cm wide jasper vein with strong calcite alteration (tightly spaced hairline calcite stringers or fractures throughout). A few narrow quartz calcite stringers with 3% fine euhedral pyrite. 68.62m - contact at 58 degrees to the core axis									
68.65	69.8	MV	Medium green fine textured basalt with moderate to starong calcite alteration along with weak hematite alteration near the lower contact. No quartz veining. 2% to 3% fine euhedral to subhedral pyrite overall. moderately developed foliation at 30 to 35 degrees to the core axis with some small calcite filled vugs (amygdules) and pyrite stretched along the foliation planes. 69.80m - contact sharp at 30 degrees to the core axis.									
69.8	70.2	II	Burgandy coloured fine to aphanitic textured mafic to intermediate dyke. No quartz veining. 1% to 2% fine euhedral to subhedral pyrite. Strong reaction to HCl from the many hairline calcite stringers. 70.20m - contact sharp at 32 degrees to the core axis.									
70.2	70.5	LAMP	Lamprophyre dyke with moderate hematite alteration and strong calcite alteration. 2% fine pyrite. Non magnetic. No quartz veining. 70.50m - contact at 32 degrees to the core axis.									
70.5	71.15	II	Medium grey with slight reddish hue weakly hematized fine to aphanitic textured mafic to intermediate intrusive. No quartz veining. Several narrow calcite stringers at various orientations to the core axis. 1% fine pyrite. 71.15m - 28 degrees to the core axis.									
71.15	73.82	MV	Medium green fine to aphanitic textured mafic volcanic. A few hairline calcite +/- epidote stringers. No quartz veining. 1% fine euhedral to subhedral pyrite overall with localized increass up to 3% over 10cm. Moderately developed foliation at 5 to 50 degrees to the core axis. Some chlorite rich lenses and some pyrite stretched along some foliation planes. 73m - 6cm calcite healed breccia vein at 42 degrees to the core axis. 73.82m - contact at 28 degrees to the core axis.									
73.82	74.3	LAMP	Reddish-grey medium to coarse textured lamprophyre with intense calcite alteration and weak hematite alteration. No quartz veining. 5% fine euhedral to subhedral pyrite. Non magnetic. Very hard. 74.30m - contact at 27 degrees to the core axis.									
74.3	75.6	MV	Medium green fine to aphanitic textured mafic volcanic. Similar to unit at 71.15 - 73.82m. No quartz veining. Up to 0.5% fine pyrite. Reaction to HCl confined to narrow calcite stringers. 75.60m - contact at 52 degrees to the core axis.									
75.6	76.09	II	Burgandy coloured fine to aphanitic textured hematized mafic to intermediate dyke. No quartz veining. Several hairline calcite stringers. Up to 0.5% fine pyrite. Rafted inclusion of green mafic volcanic from 75.63 - 75.75m. Non magnetic. Very hard. 76.09m - contact sharp at 54 degrees to the core axis.									
76.09	76.45	MV	Medium green fine textured mafic volcanic. No quartz veining. A few calcite +/- hematite stringers up to 2cm in width. 1% to 2% fine euhedral to subhedral pyrite. Reaction to HCl confined to the hairline calcite stringers. 76.45m - contact at 28 degrees to the core axis.									
76.45	76.85	II	Burgandy-green fine textured mafic to intermediate intrusive with several dark phenocrysts stretched along well developed foliation planes at 40 degrees to the core axis. Intermittent moderate hematite alteration. Several hairline calcite-epidote stringers. No quartz veining. Less than 0.5% fine pyrite. Very hard. Non magnetic. Reation to HCl confined to the calciteepidote stringers. 76.85m - contact at 38 degrees to the core axis.									
76.85	77.00	LAMP	Grey-green with slight reddish hue medium-coarse textured weakly hematized lamprophyre dyke. No quartz veining. A few hairline calcite +/- hematite stringers. 3% fine euhedral pyrite. Minor amount of small biotite crystals. Reaction to HCl confined to the calcite stringers. Very hard.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
			77m - contact at 53 degrees to the core axis.									
77.00	77.90	MV	Medium to dark green fine textured moderately foliated mafic volcanic. No quartz veining. Several hairline calcite +/- epidote +/- hematite stringers at various orientations to the core axis down to 77.43m. Below that depth there are very few hairline stringers, and the few stringers are parallel to a weakly developed foliation at 35 to 40 degrees to the core axis. Less than 0.5% pyrite overall.									
			77.90m - contact sharp at 30 degrees to the core axis.									
				77.00	77.90	0.90	147250	0.002	56	4	30	0.1
77.90	79.00	QFP	Reddish-grey weakly hematized quartz feldspar porphyry. No quartz veining. A few hairline calcite-hematite stringers. 3% fine euhedral to anhedral pyrite in the silicious matrix. The cream coloured feldspar phenocrysts as well as a few small quartz phenocrysts are stretched along a weak to moderately developed fabric at 20 to 30 degrees to the core axis.									
			79m - contact sharp at 32 degrees to the core axis.									
				77.90	79.00	1.10	147251	0.011	28	1	55	0.1
79.00	89.00	MV	Medium green very fine textured moderate to strongly foliated mafic volcanic. A few narrow quartz calcite stringers up to 5mm in width with quartz veining comprising less than 1% of the unit. The stringers parallel the foliation fabric at 40 to 50 degrees to the core axis. Less than 1% fine pyrite. Unit is quite blocky with fracturing along the foliation fabric.									
			89m - contact sharp at 43 degrees to the core axis.									
				79.00	80.00	1.00	147252	0.002	69	3	46	0.1
89.00	89.65	MI	Dark grey-green fine to aphanitic textured weakly hematized mafic intrusive. No quartz veining. A few hairline calcite - epidote - hematite stringers. 1% to 2% fine euhedral pyrite which occurs near or within some of the calcite stringers. No reaction to HCl except for the hairline calcite stringers. Very hard. Non magnetic.									
			89.65m - contact at 38 degrees to the core axis.									
89.65	92.80	MV	Medium green fine textured weak to moderately foliated mafic volcanic. No quartz veining. A few minor calcite - hematite +/- epidote stringers. Moderate to strong hematite along most fracture surfaces. 1% fine euhedral pyrite which occurs mainly along the calcite-hematite stringers. Very blocky core with poor RQD values throughout.									
			92.80m - contact at 32 degrees to the core axis.									
92.80	93.30	MI	Reddish-green fine to aphanitic textured weak to moderately hematized mafic intrusive. No quartz veining. A few hairline calcite - hematite stringers. 2% fine euhedral to subhedral pyrite. Weakly magnetic. Very hard.									
			93.30m - contact at 30 degrees to the core axis.									
93.30	99.32	MV	Medium green to locally reddish-green (weak hematite) fine textured mafic volcanic. A few quartz calcitestringers up to 15mm in width with quartz veining comprising 2% of the unit. Majority of the quartz veining occurs between 93.50 - 94m. Several narrow calcite +/- hematite stringers. 1% fine euhedral pyrite overall with a few localized increases within some of the hematite altered intervals up to 4% over 10cm. Weak to strongly foliated (high strain zone) with a well developed fabric at 35 to 45 degrees to the core axis.									
			99.32m - contact sharp at 48 degrees to the core axis.									
99.32	105.35	QFP	burgandy red, medium grained, interstitial quartz and feldspar phenocrysts, tr sul									
				104.00	105.00	1.00	147253	0.002	12	14	57	0.2
				105.00	105.35	0.35	147254	0.002	24	25	63	0.2
105.35	106.10	MI	burgandy red, aphanitic, massive, approximately 2 to 3% disseminated and blebby py localized along fractures									
				105.35	106.10	0.75	147255	0.006	101	12	90	0.1
106.10	118.40	FZ	dark green, massive, moderately foliated with foliation @ 40 DTCA, extremely blocky, fractured core with localized fault gouge, fractures at low angles to CA, approximately 1 to 2% disseminated py notably from 112.0 to 113.0									
				106.10	106.10	0.00	147256	0.002	60	3	57	0.1
				111.00	112.00	1.00	147257	0.002	71	97	54	1.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				112.00	113.00	1.00	147258	0.002	81	69	65	0.9
118.40	123.00	MV	dark green, massive, aphanitic, chloritic, fractured weathered joint surfaces with potassic and epidotitic alteration, approximately 1 to 2% disseminated py ;localized along fractures									
				118.40	119.00	0.60	147259	0.002	69	7	39	0.1
				119.00	120.00	1.00	147261	0.002	64	34	163	0.2
				120.00	121.00	1.00	147262	0.002	59	1	48	0.1
				121.00	122.00	1.00	147263	0.002	76	8	56	0.3
				122.00	123.00	1.00	147264	0.002	80	5	51	0.1
123.00	134.40	FZ	dark green, massive, aphanitic, chloritic, extremely fractured, blocky core, joint surfaces stained with hematite, from 26.0 to 28.0 approximately 2 to 3% blebby py localized along fractures									
				126.00	127.00	1.00	147265	0.002	74	26	36	0.2
				127.00	128.00	1.00	147266	0.002	67	9	49	0.1
				128.00	129.00	1.00	147267	0.002	73	6	56	0.1
				129.00	130.00	1.00	147268	0.002	69	3	47	0.1
				130.00	131.00	1.00	147269	0.002	89	8	43	0.1
				131.00	132.00	1.00	147270	0.002	83	4	55	0.1
134.40	169.80	MV	dark green, massive, aphanitic, chloritic, carbonaceous, moderately foliated to slightly sheared with foliation @ 40 DTCA, from 139 to 143 strongly fractured section, from 142 to 147 approximately 2 to 3% disseminated and blebby py, py occurs localized along fractured planes and occurs along microfractures throughout unit, from 151 to 155 abundant calcite occurring as bands parallel to foliation, from 154 to 155 approximately 2 to 3% filenly disseminated py occurring along microfractures, from 162.2 to 162.5 4 cm QV withpotassic alteration and chlorite wallrock clasts, vn is within sheared wallrock with approximately 0.5 to 1% blebby py within wallrock clasts									
				140.00	141.00	1.00	147272	0.002	64	2	35	0.1
				141.00	142.00	1.00	147273	0.002	61	3	35	0.1
				142.00	143.00	1.00	147274	0.013	79	4	34	0.1
				143.00	144.00	1.00	147275	0.002	69	7	43	0.1
				144.00	145.00	1.00	147276	0.002	54	3	40	0.1
				145.00	146.00	1.00	147277	0.002	59	3	45	0.1
				146.00	147.00	1.00	147278	0.002	50	4	36	0.1
				154.00	155.00	1.00	147279	0.002	62	1	43	0.1
				155.00	156.00	1.00	147280	0.002	54	1	54	0.1
				156.00	157.00	1.00	147281	0.002	47	8	46	0.1
				161.00	162.00	1.00	147282	0.005	46	1	65	0.1
				162.00	162.50	0.50	147283	0.002	22	8	60	0.1
				162.50	163.00	0.50	147284	0.002	47	4	73	0.1
				169.00	169.80	0.80	147285	0.007	55	1	58	0.1
169.80	174.30	QFP	buff to yellowish grey, medium grained, phaneritic texture, sericitic, siliceous, chloritic with interstitial quartz and feldspar phenocrysts, from 171.5 to 172.3 sheared sericitized section with 2 cm qtz stringer @ 80 DTCA and 1 to 2% blebby py localized along contacts, sharp HW and FW contacts @ 40 DTCA									
				169.80	170.30	0.50	147287	0.002	9	1	50	0.1
				170.30	171.00	0.70	147288	0.032	6	4	51	0.1
				171.00	171.50	0.50	147289	0.007	4	5	41	0.1
				171.50	172.00	0.50	147290	0.026	5	7	38	0.1
				172.00	172.50	0.50	147291	0.002	2	3	40	0.1
				172.50	173.00	0.50	147292	0.016	5	19	57	0.1
				173.00	173.80	0.80	147293	0.058	13	5	46	0.1
				173.80	174.30	0.50	147294	0.013	13	3	38	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
174.30	227.60	MV	dark green, massive, chloritic moderately foliated to slightly sheared with foliation @ 35 DTCA, @ 179.2 2 cm pink calcite vnt @ 35 DTCA, approximately 0.5 to 1% disseminated py within surrounding wallrock, @ 180.54 2 cm grey quartz stringer @ 80 DTCA with approximately 4 to 5% disseminated and blebby py localized along vnt contacts and throughout surrounding wallrock, from 183.84 to 184.0 burgandy red sheared mafic dyke @ 25 DTCA, from 207.0 to 210.0 abundant white carbonate (calcite) stringers and veinlets parallel to foliation @ 60 DTCA, 217.4 TO 217.5 grey 3 cm qv rimmed with calcite parallel to CA, tr sul, @ 219.6 3 cm qv @ 10 DTCA with chlorite and potassic patches, tr sul									
				174.30	175.00	0.70	147295	0.002	48	6	60	0.1
				180.00	181.00	1.00	147296	0.002	65	8	50	0.2
				181.00	182.00	1.00	147297	0.002	50	1	57	0.1
				182.00	183.00	1.00	147298	0.002	55	3	56	0.1
				183.00	184.00	1.00	147299	0.002	56	3	60	0.1
				195.00	195.50	0.50	147300	0.002	48	1	60	0.1
				195.50	196.00	0.50	147301	0.002	50	3	44	0.1
				196.00	196.50	0.50	147302	0.002	47	6	53	0.1
				196.50	197.00	0.50	147303	0.002	42	1	52	0.1
				197.00	197.50	0.50	147304	0.002	61	5	40	0.1
				197.50	198.00	0.50	147305	0.002	61	1	59	0.1
				198.00	199.00	1.00	147306	0.002	47	1	71	0.1
				227.00	227.60	0.60	147307	0.002	29	9	48	0.1
227.60	228.16	FP	dark grey, medium grained, unit mottled with albitic feldspar phenocrysts, sharp HW and FW contacts @ 30 DTCA, approximately 6 to 7% diss py, localized @ FW ct, possible sphalerite, molybdenum, cpy within sulphides									
				227.60	228.20	0.60	147308	0.002	52	3	50	0.1
228.16	234.15	MVpil	dark green, aphanitic, chloritic, locally slightly sericitic, locallized pillow selvage remnants parallel to well developed foliation @ 50 DTCA, unit speckled with magnetite, from 228.84 to 228.94 brown silicified intermediate dyklet @ 60 DTCA rimmed with calcite and speckled with magnetite, approximately 2 to 3% disseminated and blebby py throughout									
				228.20	229.00	0.80	147309	0.002	60	4	72	0.1
				229.00	230.00	1.00	147311	0.002	64	1	63	0.1
				232.00	233.00	1.00	147312	0.002	62	6	47	0.1
				233.00	233.50	0.50	147313	0.002	45	1	55	0.1
				233.50	234.15	0.65	147314	0.002	54	5	47	0.1
234.15	234.65	FV	yellowish buff, apahanitic, tuffaceous banded texture, sericitic, silicified with segregated bands of fuschitic alteration, approximately 10 to 12% subhedral aggregates of localized along fuschitic bands, sharp HW and FW contacts @ 50 DTCA									
				234.15	234.65	0.50	147315	0.008	64	8	32	0.1
234.65	246.60	MVpil	dark green, chloritic, locally slightly sericitic, moderately foliated slightly tuffaceous texture, dark green chloritic sections interpreted as probable selvages, unit speckled with magnetite, approximately 1 to 2%b disseminated and blebby py									
				234.65	235.00	0.35	147316	0.002	73	3	82	0.1
				235.00	236.00	1.00	147317	0.002	62	1	59	0.1
				245.00	246.00	1.00	147318	0.013	57	3	68	0.1
				246.00	246.60	0.60	147319	0.002	52	1	59	0.1
246.60	273.10	FP	dark grey-green, medium grained, feldspar phyric, phaneritic texture, from 250.50 to 254.0 unit silicified, moderately fractured and weathered appears to be a zone of structural weakness that is more intensely altered and slightly sheared, approximately 3 to 4% disseminated and blebby py throughout, from 267.8 to 268.20 bleached albitized vugy section of core with approximately 2 to 3% disseminated py localized along microfractures									
				246.60	247.00	0.40	147320	0.002	16	7	58	0.1
				250.00	250.50	0.50	147321	0.002	8	4	29	0.1
				250.50	251.00	0.50	147323	0.002	8	1	38	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				251.00	252.00	1.00	147324	0.015	25	1	46	0.1
				252.00	253.00	1.00	147325	0.039	48	1	45	0.1
				253.00	254.00	1.00	147326	0.011	20	2	39	0.1
				267.00	267.80	0.80	147327	0.040	24	2	38	0.1
				267.80	268.30	0.50	147328	0.084	22	3	33	0.1
				268.30	269.00	0.70	147329	0.039	27	1	40	0.1
				269.00	270.00	1.00	147330	0.012	17	1	46	0.1
				270.00	271.00	1.00	147331	0.013	20	1	41	0.1
				271.00	272.00	1.00	147332	0.005	40	17	55	0.1
				272.00	272.50	0.50	147333	0.005	35	15	77	0.1
				272.50	273.10	0.60	147334	0.002	41	6	103	0.1
273.10	279.40	Grap	black with light grey siliceous and sericitic bands parallel to well developed bedding @ 40 DTCA, some slumping features recognized i siliceous bands, sharp HW ct @ 40 DTCA and faulted FW ct @ 25 DTCA, fault zone from 279.0 to 279.40, approximately 6 to 7% scattered euhedral py throughout with segregated bands of subhedarl aggregates of py aligned parallel to bedding									
				273.10	274.00	0.90	147335	0.010	62	19	147	0.1
				274.00	275.00	1.00	147336	0.002	88	37	407	0.1
				275.00	276.00	1.00	147337	0.002	63	37	270	0.1
				276.00	277.00	1.00	147338	0.002	63	50	258	0.1
				277.00	278.00	1.00	147339	0.002	53	219	184	0.1
				278.00	279.00	1.00	147341	0.008	34	922	581	0.4
				279.00	280.00	1.00	147342	0.016	62	2480	539	0.6
279.40	290.10	FP	light grey to buff, medium grained, feldspar phyric, silicified, approximately 2 to 3% disseminated and blebby py throughout, fractured HW and FW contacts @ 20 and 70 DTCA respectively									
				280.00	281.00	1.00	147343	0.002	74	330	213	0.2
				281.00	282.00	1.00	147344	0.002	43	181	136	0.3
				282.00	283.00	1.00	147345	0.002	35	95	113	0.1
				283.00	284.00	1.00	147346	0.007	31	169	32	0.3
				284.00	285.00	1.00	147347	0.035	84	378	35	0.1
				285.00	286.00	1.00	147348	0.045	72	225	60	0.1
				286.00	287.00	1.00	147349	0.010	36	511	57	0.1
				287.00	288.00	1.00	147350	0.002	52	643	107	1.2
				288.00	289.00	1.00	147351	0.008	51	184	276	0.3
				289.00	289.50	0.50	147352	0.002	70	247	624	0.3
				289.50	290.10	0.60	147353	0.002	95	134	136	0.4
290.10	291.60	Grap	black, fine grained, graphitic, fractured and crumbled core, approx 4-5% blebby, nodular and banded py									
				290.10	291.00	0.90	147354	0.042	679	1400	8000	2.4
				291.00	291.60	0.60	147355	0.055	679	1130	10900	2.6
291.60	292.60	FP	buff to light grey, strongly foliated with foliation @ 70 DTCA, sericitic, siliceous, medium grained, fractured, tr sul									
				291.60	292.60	1.00	147356	0.025	67	808	4130	1.1
292.60	296.60	Grap	black, fine grained, graphitic, approximately 4 to 5% nodular, banded py parallel to bedding @ 60 DTCA									
				292.60	293.00	0.40	147357	0.043	418	5800	5920	2.7
				293.00	294.00	1.00	147358	0.057	1470	13000	8200	4.6
				294.00	295.00	1.00	147359	0.052	339	28800	1600	3.9
				295.00	296.00	1.00	147360	0.072	465	12300	3900	3.7
				296.00	297.00	1.00	147361	0.067	391	8000	3800	3.5
296.60	298.00	FZ	graphitic fault zone with extremely fractured, crumbled core and fault gouge, fractures subparallel to CA, tr sul									
				297.00	298.00	1.00	147362	0.060	278	9800	2100	3.4

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
298.00	299.00	MV	yellow green, fine grained, banded altered mafic volcanic with sericitic, chloritic and graphitic bands, approximately 10 to 12% banded subhedral aggregates of py parallel to banding and foliation @ 40 DTCA									
				298.00	299.00	1.00	147363	0.023	195	2030	5310	1.2

EOH : 299.200
Total # of samples : 135

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-003A

Easting:	523247.95	***Core Size:***	NQ	***Logged by:***	Terry/Caldbick
Northing:	5369344.41	***Drilled by:***	NPLH Drilling		
Elevation:	267.42	***Drill ID:***			
Collar Azimuth:	310.0	***Project:***			
Collar DIP:	-70.0	***Date Started:***	4/8/2020 11:42:01 AM		
Hole length:	519	***Date Completed:***	4/17/2020 7:35:40 PM		

Comments:

Casing left in hole. Updated XYZ with averaged GPS

Downhole Survey Tests:

Depth	*Azimuth*	*Dip*	*Type*	*Magnetic Strength*	*Comments*
0.00	310.00	-70.00	Planned		
36.00	312.50	-69.10	Relex	55313	
87.00	313.10	-68.70	Relex	553	
126.00	313.80	-68.30	Relex	55596	
180.00	314.80	-68.20	Relex	55498	
201.00	319.80	-65.90	Relex	55437	
252.00	320.50	-65.00	Relex	55314	
276.00	321.30	-64.40	Relex	55407	
328.00	321.90	-63.80	Relex	55381	
378.00	324.00	-63.10	Relex	55212	
429.00	324.80	-62.30	Relex	55370	
480.00	326.30	-61.20	Relex	55253	
519.00	327.60	-60.30	Relex	55420	

Lithology From	*To*	*Rock Code*	*Description*	*From*	*To*	*Length*	*Sample #*	*Au (g/t)*	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
0.00	23.70	OVB										
23.70	26.70	MV	dark green, massive, chloritic, aphanitic, slightly sericitic and siliceous, tr sul									
26.70	28.80	LAMP	burgandy red,, fine grained, probable lamprophyre dike, hematitic, abundant microfractures infilled with epidote, chloritic phenocrysts aligned parallel to weakly developed foliation @ 50 DTCA, approximately 0.5 to 1% finely disseminated py localized along microfractures									
28.80	36.20	MV	dark green to locally light green, predominantly chloritic, localized sericitic sections, abundant carbonate patches and stringers throughout, massive but with flowy sections, weakly developed foliation @ 40 DTCA, approximately 0.5 to 1% finely disseminated py	35.50	36.20	0.70	147364	0.002	60	406	1100	0.2

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
36.20	38.30	II	burgandy red, silicified, hematitic, network of carb infilled microfractures throughout unit, sharp HW and gradtional FW contacts @ 70 and 60 DTCA respectively, approximately 1 to 2% disseminated py concentrated around contacts, unit may be hematized mafic volcanic									
				36.20	37.00	0.80	147365	0.005	64	3	62	0.1
38.30	63.47	MV	dark green, massive, aphanitic, abundant white calcite stringers and patches throughout, weathered pinkish potassic and epidotitic vnt' and sts throughout, variably oriented, moderately foliated @ 40 DTCA, from 58.8 to 63.47 unit strongly fractured and blocky core with hematized joijt fractures, approximately 1 to 2% disseminated py									
				39.00	40.00	1.00	147366	0.002	53	3	36	0.1
				40.00	41.00	1.00	147367	0.006	64	5	59	0.1
				63.00	63.47	0.47	147368	0.002	96	3	35	0.1
63.47	63.80	II	hematized and strongly foliated to moderately sheared burgandy red, with sharp HW and FW ct' @ 40 DTCA, approximately 1 to 2% disseminated py throughout surrounding wallrock									
				63.47	63.80	0.33	147369	0.002	74	7	54	0.1
63.80	68.90	MV	dark green to locally light green, fine grained, moderately foliated to slightly sheared with foliation @ 50 DTCA, predominantly chloritic, sericitic, carbonaceous with abundant carb sts and vnt' parallel to foliation, approximately 2 to 3% disseminated py									
				63.80	64.20	0.40	147370	0.002	62	6	48	0.1
				64.20	65.00	0.80	147371	0.002	74	5	53	0.1
				65.00	66.00	1.00	147372	0.002	72	1	55	0.1
68.90	69.90	II	burgandy red, hematitic, silicified, aphanitic, epidotized hanging wall with 2 cm qtz stringer @ 60 DTCA, approximately 5 to 6% blebby py localized within epidotized alteration									
				68.90	69.90	1.00	147373	0.007	77	2	68	0.1
69.90	75.60	MV	dark green, chloritic, moderately foliated, abundant epidotitic stringers and veinlets parallel to foliation @ 35 DTCA, tr sul, from 73.9 to 74.6 burgandy red hematitic section , sharp HW and gradational FW contacts @ 60 and 30 DTCA respectively, tr sul									
				69.90	70.90	1.00	147374	0.005	76	1	67	0.1
75.60	76.70	II	burgandy red, hematitic, silcified, moderately foliated with foliation @ 35 to 40 DTCA, network of epidotized microfractures, tr sul									
76.70	84.90	MV	dark green, massive, chloritic, moderately foliated with foliation @ 50 DTCA, strongly fractured with fractures parallel to foliation, hematized, potassic and epidotitic alteration localized along fractures, approximatelt 2 to 3% disseminated py notably from 80.0 to 80.9									
				80.00	80.60	0.60	147376	0.002	69	1	29	0.1
				80.60	81.00	0.40	147377	0.002	83	3	31	0.3
				81.00	81.90	0.90	147378	0.002	68	1	36	0.1
				81.90	82.30	0.40	147379	0.002	80	1	92	0.1
				82.30	83.00	0.70	147380	0.002	64	1	32	0.1
				83.00	84.00	1.00	147381	0.002	72	2	29	0.1
				84.00	84.90	0.90	147382	0.002	48	1	47	0.1
84.90	85.30	FP	reddish orange potassic, medium grained, approximately 2 to 3% disseminated py, fractured faulted FW contact									
				84.90	85.30	0.40	147383	0.082	36	9	31	1.2
85.30	91.70	MV	dark green, fine grained, chloritic, moderately foliated with foliation @ 40 DTCA, scattered carb vnt' and sts parallel to foliation, tr sul									
				90.00	91.00	1.00	147384	0.016	58	1	64	0.1
				91.00	92.00	1.00	147385	0.002	65	3	46	0.1
91.70	97.00	FZ	extremely fractured, blocky crumbled dark green massive, chloritic volcanic with scattered hematized sections, fractures possess vugy potassic and epidotitic alteration, fractures parallel to foliation @ 40 DTCA, approximately 1 to 2% disseminated py									
				92.00	93.00	1.00	147387	0.002	60	6	34	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				93.00	94.00	1.00	147388	0.002	82	10	36	0.1
				94.00	95.00	1.00	147389	0.002	75	6	47	0.1
				95.00	96.00	1.00	147390	0.002	86	5	48	0.1
97.00	99.80	MV	dark green, chloritic, moderately foliated, carbonaceous with carb sts and veinlets parallel to foliation, possible fractured lamprophyre dike from 97.0 to 98.0 meters, approximately 1 to 2% diss py									
99.80	101.50	FZ	extremely fractured blocky crumbled mafic volcanic, dark green, chloritic, fractures parallel to foliation @ 40 DTCA, tr sul									
101.50	104.37	MV	dark green, chloritic, moderately foliated, carbonaceous with carb sts and veinlets parallel to foliation, approximately 1 to 2% diss py									
				104.00	104.37	0.37	147391	0.002	54	1	65	0.1
104.37	111.50	FP	burgandy red, medium grained feldspar phyric, mottled with albitic phenocrysts, predominantly potassic and hematitic, blocy and fractured with fractures @ 60 to 80 DTCA, approxiamtely 0.5 to 1% finely disseminated py									
				104.37	105.00	0.63	147392	0.002	17	14	54	0.1
				111.00	111.50	0.50	147393	0.002	32	24	57	0.1
111.50	112.00	FZ	extremely fractured blocky crumbled mafic volcanic, dark green, chloritic, fractures parallel to foliation @ 30 DTCA, tr sul									
				111.50	112.00	0.50	147394	0.002	88	10	37	0.1
112.00	113.00	FP	burgandy red, silicified, hematitic, aphanitic, 1 to 2% blebby py localized along joint fracture perpendicular to CA									
				112.00	113.00	1.00	147395	0.202	96	28	86	0.5
113.00	143.40	FZ	extremely fractured blocky crumbled mafic volcanic, dark green, chloritic, fractures parallel to foliation @ 40 DTCA, tr sul. A few solid intervals of mafic volcanic between 132.5 - 132.6m and 138.2 - 139.2m. (some pillow features in this interval). Hematite along most of the fracture surfaces. Main fracturing is at low angles to the core axis (5 to 35 degrees). Sold core from 143.4 to 143.80m then blocky from 143.8 - 144m - estimate the lower contact of the fault zone is at 143.4m.									
			143.4m - contact estimated at 25 degrees to the core axis.									
143.40	170.15	MV	Green fine to aphanitic textured mafic volcanic. A few narrow intervals show small amydules. A few intervals display what appear to be concentric chill fractures. Weak to moderately developed foliation at 30 to 40 degrees to the core axis. A few hairline quartz calcite stringers appear parallel to the foliation with quartz veining comprising much less than 1% of the unit. Some blocky intervals with hematite and calcite +/- fine pyrite on fractured surfaces.									
			170.15m - contact sheared at 40 degrees to the core axis.									
				169.00	170.15	1.15	147396	0.028	47	2	59	0.1
170.15	170.70	FZ	Sheared and blocky mafic volcanic with 6cm of gouge at the upper contact. One 6cm grey-reddish (hematite) quartz calcite vein with 3% fine to very fine euhedral to anhedral pyrite. A few chloritized inclusiosn resulting in a brecciated texture. Upper contact has gouge at 65 degrees to the core axis. Lower contact estimated at 65 degrees (blocky core).									
			170.70m - contact at 30 degrees to the core axis.									
				170.15	170.70	0.55	147397	0.002	38	6	64	0.1
170.70	178.10	MV	Green fine to aphanitic textured mafic volacnic. A few narrow quartz calcite +/- hematite stringers up to 1cm in width with quartz veining comprising less than 1% of the unit. weak to moderate foliation at 30 to 40 degrees to the core axis. Moderate to strong reaction to HCl. 178.10m - contact sharp at 30 degrees to the core axis, parallel to foliation.									
				170.70	171.70	1.00	147398	0.002	50	4	65	0.1
				177.00	178.10	1.10	147399	0.002	46	1	60	0.1
178.10	181.10	QFP	Light green to green-buff coloured strongly foliated (high strain zone) quartz feldspar porphyry with weak to moderate sericite and moderate to locally strong calcite alteration. Several quartz phenocrysts up to 8mm across along with a few smaller cream coloured feldsapar phenocrysts are aligned and often stretched along the strain fabric or foliation at 30 degrees to the core axis. 2% fine euhedral to subhedral pyrite overall.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
			181.30m - contact at 45 degrees to the core axis.									
				178.10	179.10	1.00	147400	0.002	9	7	37	0.1
				179.10	180.10	1.00	147401	0.005	4	4	41	0.1
				180.10	181.10	1.00	147402	0.002	6	3	40	0.1
181.10	235.60	MV	Medium to medium-light fine to aphanitic textured mafic volcanic. A few narrow and sheared quartz calcite stringers and several sheared and boudined calcite stringers occur throughout. Weak to locally moderate foliation at 30 to 45 degrees to the core axis. 1% to 2% fine pyrite. Minor hematite on a few fracture surfaces.									
			197.14 - 197.23m - small light green-tan calcite brreci vein at 20 degrees to the core axis.									
			208.45m - a couple of narrow (up to 1cm) quartz calcite-hematite stringers with no sulphides at 35 degrees to the core axis.									
			210.70m - 5mm to 1cm quartz calcite stringer with no sulphides at 40 degrees to the core axis.									
			217.43m - 12cm calcite vein breccia with less than 1% euhedral pyrite along a fracture. Vein breccia at 28 degrees to the core axis.									
			230.7 - 231.25m - interval of bleached light green aphanitic textured mafic volcanic with a few narrow grey quartz calcite stringers up to 3mm in width and several boudined and discontinuous (sheare apart) quartz stringers up to 2mm in width. 2% to 3% fine euhedral pyrite in a few of the quartz stringers. Several hairline calcite stringers. No reaction to HCl except for the veining. Sharp contacts at 27 degrees to the core axis.									
			233.4 - 233.6m - another bleached interval similar to above at 25 degrees to the core axis.									
			234.4 - 235.60m- slight increase in strain intensity with well develped fabric at 40 degrees to the core axis.									
			235.60m - contact sharp at 35 degrees to the core axis.									
				181.10	182.10	1.00	147404	0.013	40	1	62	0.1
				182.10	183.10	1.00	147405	0.002	48	1	48	0.1
				228.00	229.00	1.00	147406	0.002	58	1	56	0.1
				229.00	230.00	1.00	147407	0.002	55	1	39	0.1
				230.00	230.70	0.70	147408	0.002	74	1	54	0.1
				230.70	231.25	0.55	147409	0.006	112	1	92	0.1
				231.25	232.20	0.95	147410	0.005	71	1	43	0.1
				232.20	233.40	1.20	147412	0.006	58	1	60	0.1
				233.40	234.00	0.60	147413	0.002	83	1	63	0.1
				234.00	235.00	1.00	147414	0.002	68	1	58	0.1
				235.00	235.60	0.60	147415	0.002	41	1	47	0.1
235.60	237.25	QFP	Medium to dark grey-green quartz feldspar porphyry with tightly spaced cream coloured feldspar phenocrysts along with a few quartz phenocrysts in a dark silicious matrix. 2% to 3% fine euhedral to subhedral pyrite in the matrix and with a few narrow and discontinuous quartz calcite stringers. No preferred alignment noted with the phenocrystsand no discernable foliation indicating low strain compared to other porphyries higher up in the hole.									
			237.25m - contact sharp at 50 degrees to the core axis.									
				235.60	236.40	0.80	147416	0.002	36	7	56	0.1
				236.40	237.25	0.85	147417	0.002	36	8	51	0.1
237.25	239.00	MV	Medium to light green fine to aphanitic textured basalt with weak to strong foliation. No quartz veining. 2% fine euhedral pyrite. reaction to HCl confined to calcite stringers.									
			239m - contact at 40 degrees to the core axis.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				237.25	238.00	0.75	147418	0.002	34	1	54	0.1
				238.00	239.00	1.00	147419	0.002	82	5	66	0.1
239.00	240.00	MV	Same green fine to apahnitic textured basalt but with increase in strain intensity. Several tightly spaced calcite stringers occur between 239 - 240m. These occur at 40 to 45 degrees to the core axis and may represent a ductile shear zone within the basalt. Moderate reaction to HCl. 240m - contact at 45 degrees to the core axis.									
				239.00	240.00	1.00	147420	0.002	48	1	64	0.1
240.00	243.00	MV	Medium green to bleached pale green to yellowish-green fine to aphanitic textured basalt. Moderate to strong calcite alteration. 25 to 3% pyrite overall with localized concentrations up to 5% over 10cm and 5% to 10% over 1cm to 2cm (alteration halows). A few narrow quartz calcite stringers up to 1cm in width. Majority of the quartz veining parallels foliation at 40 to 45 degrees to the core axis. Exception is between 240.35 - 240.75m where there are a few hairline grey quartz calcite stringers at 70 to 90 degrees to the core axis. These hairline stringers host 5% + fine pyrite along with narrow bkleached alteration halos up to 2cm in width with 10% fine pyrite. 243m - contact sharp at 35 degrees to the core axis.									
				240.00	241.00	1.00	147421	0.002	58	1	51	0.1
				241.00	242.00	1.00	147422	0.002	60	3	57	0.1
				242.00	243.00	1.00	147423	0.006	63	1	57	0.1
243.00	243.40	QFP	Light to medium basalt green coarse textured quartz feldspar porphyry. A few narrow quartz calcite stringers up to 1cm in width. Minor graphite noted in the upper portion of the porphyry assciated with fracturing and quartz calcite veining with graphite along the vein margins as well as a few graphitic styolites. 5% fine pyrite in the porphyry with 3% within the quartz calcite graphite stringers. which are at 50 degrees to the core axis. Minor sericite and kspar and graphite at and near the lower contact. 243.40m - contact sharp at 40 degrees to the core axis									
				243.00	243.40	0.40	147424	0.014	31	35	39	0.5
243.40	244.00	MV	Medium green to medium-dark fine to medium textured basalt. . 1% to 2% fine euhedral pyrite overall. No quartz veining. A few narrow calcite stringers. A couple of narrow QFP dykelets up to 2cm in width occur near the lower contacts. Reaction to HCl confined to hairline calcite stringers. 244m - contact at 30 degrees to the core axis.									
				243.40	244.00	0.60	147426	0.002	14	1	36	0.1
244.00	250.90	QFP	Light to medium basalt green to medium-dark grey medium to very coarse textured quartz feldspar porphyry. Gradational textural changes between large tightly spaced cream feldspar phenocrysts and smaller less distince feldspar and translucent grey quartz phenocrysts in a green mafic looking matrix. A few narrow quartz calcite stringers up to 1cm in width. Minor graphite noted in the upper portion of the porphyry assciated with fracturing and quartz calcite veining. 1% to 2% fine euhedral pyrite overall with localized increases up to 5% over 10cm. Some intervals resemble green basalt but there are no sharp contacts and these intervals dow have stretched quartz and feldspar phenocrysts. Pervasive strong calcite alteration. 244 - 244.70m - green silicious matrix with small quartz and feldspar phenocrysts stretched along foliation fabric at 35 degrees to the core axis. 244.70 - 246.60m - grey-green coarse textured porphyry with several large cream coloured feldspar phenocrysts up to 5mm across tightly spaced and randomly orientated throughout. 1% fine pyrite. 246.60 - 250.90m - green medium to fine textured interval with faine quartz and feldspar pnenocrysts. Some alignment or stretching along foliation at 30 degrees to the core axis in the upper portion of the interval down to 246.50m. 246.50 - 250.90m - green fine to medium textured with few faint quartz and feldspar phenocrysts. Up to 0.5% pyrite. 250.90m - contact at 47 degrees to the core axis.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				244.00	245.00	1.00	147427	0.006	23	17	36	0.1
				245.00	246.00	1.00	147428	0.002	21	19	38	0.1
250.90	253.20	MV	Medium green fine to fine-medium textured basalt.A few hairline quartz calcite stringers with overall quartz veining comprising less than 0.5% of the unit. 2% fine pyrite. Weak foliation at 30 to 35 degrees to the core axis. Pervasive strong reaction to HCl. 253.20m - contact at 53 degrees to the core axis.									
253.20	270.50	QFP	Green to green-grey to locally dark grey fine to very coarse textured quartz feldspar porphyry. 2% fine pyrite overall with localized increases up to 5% over several cm. As with the QFP above, there are textural and presumable compositional changes throughout (magmatic segregation). Strong calcite alteration. 259.17 - 259.80m - hairline calcite-kspar stringer running at 2% to 5% to the core axis 261.70 - 263.50m - bleached strongly silicified interval with a few narrow quartz calcite stringers up to 1cm in width (boudined) which runs at 5% to the core axis from 261.70 - 262.70m - 5% fine pyrite throughout. Weak and patchy sericite. 268.6 - 268.80m - rafted inclusion of grey-green fine textured mafic volcanic with intense calcite alteration. Contacts at 35 degrees to the core axis. 269.45 - 270.50m - dark grey interval with medium euhedral pyrite up to 3% from 270 - 270.50m. 270.50m - contact sharp at 40 degrees to the core axis.									
				259.80	260.70	0.90	147429	0.079	13	1	31	0.1
				260.70	261.70	1.00	147430	0.009	15	1	31	0.1
				261.70	262.70	1.00	147431	0.035	12	7	27	0.1
				262.70	263.50	0.80	147432	0.015	24	1	39	0.1
				263.50	264.50	1.00	147434	0.047	46	1	40	0.1
				264.50	265.50	1.00	147435	0.076	34	1	36	0.4
				265.50	266.50	1.00	147436	0.007	24	1	37	0.1
				266.50	267.50	1.00	147437	0.009	11	1	34	0.1
				267.50	268.70	1.20	147438	0.015	34	1	33	0.1
				268.70	269.70	1.00	147439	0.006	43	9	76	0.1
				269.70	270.50	0.80	147440	0.009	37	5	76	0.1
270.50	273.04	FV	light grey to buff, aphanitic, massive, moderately foliated with foliation @ 50 DTCA, silicified, sericitic, chloritic, approximately 8 to 10% finely disseminated and blebby py throughout									
				270.50	271.00	0.50	147441	0.005	60	13	171	0.1
				271.00	272.00	1.00	147442	0.006	13	122	213	0.1
				272.00	272.50	0.50	147443	0.002	15	41	140	0.1
				272.50	273.04	0.54	147445	0.005	27	5	76	0.1
273.04	274.50	MV	light green to locally black and graphitic, moderately foliated to slightly sheared, sericitic, chloritic and graphitic with localized graphitic section from 273.5 to 274.0, approximately 3 to 4% blebby py									
				273.04	273.50	0.46	147446	0.002	37	23	137	0.2
				273.50	274.00	0.50	147447	0.005	29	24	101	0.1
				274.00	274.50	0.50	147448	0.002	39	15	77	0.1
274.50	276.00	Grap	black, aphanitic, graphitic, strongly fractured and faulted notably from 275.0 to 276.0, 2 to 3% scattered euhedral py									
				274.50	275.00	0.50	147449	0.006	36	20	142	0.1
				275.00	276.00	1.00	147450	0.002	28	20	97	0.1
276.00	279.00	II	light grey, fine to medium grained, massive, siliceous, chloritic, sericiric, weakly foliated with foliation @ 50 DTCA, approximatelt 3 to 4% scattered subhedral to euhedral py									
				276.00	277.00	1.00	147451	0.002	37	17	78	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				277.00	278.00	1.00	147452	0.002	86	59	277	0.1
				278.00	278.90	0.90	147453	0.002	91	235	244	0.1
279.00	279.50	FZ	Faulted graphitic argillite, crumble fault gouge, fractures @ 50 DTCA									
279.50	288.00	FP	buff to light grey, medium grained, feldspar phyric, silicified, sericitic, approximately 8 to 10% finely disseminated py, @ 284.9 6 cm qz vein perpendicular to core axis with 8 to 10% semi-massive galena and 1 to 2% patchy honey coloured sphalerite, from 285.0 to 288.0 unit is dark grey and blocky with increased chlorite, from 288.25 to 288.40 contorted qz-carb vnt' with approximately 4 to 5% reddish honey coloured sphalerite, 1 to 2% galena, 0,5 to 1% cpy and 4 to 5% subhedral py localized @ porphyry FW ct @ 50 DTCA									
				281.00	282.00	1.00	147454	0.012	92	2490	2470	1.9
				282.00	283.00	1.00	147456	0.002	21	73	95	0.1
				283.00	283.50	0.50	147457	0.002	16	61	116	0.1
				283.50	284.00	0.50	147458	0.006	11	15	38	0.1
				284.00	284.50	0.50	147459	0.002	21	290	52	0.1
				284.50	285.00	0.50	147460	0.006	64	4900	200	0.8
				285.00	286.00	1.00	147461	0.012	75	1910	1430	0.8
				286.00	287.00	1.00	147462	0.002	50	1170	1330	0.6
				287.00	288.00	1.00	147463	0.002	42	578	942	0.1
288.00	294.30	MValt	yellowish green, fine grained,predominantly sericitic, chloritic, graphitic bands and carbonaeous bands often hosting, sph, cpy, ga, py, foliation @ 40 DTCA from 288.30 to 288.43 dark grey carbonate zone with 6 to 7% patchy sph, 1 to 2% disseminated cpy, 3 to 4% disseminated and blebby py @ 291.63 4 cm carbonate vnt with 5 to 6% patchy sph, 1 to 2% disseminated cpy @ 292.50 3 cm carbonate veinlet @ 60 DTCA with 2 to 3% sph @292.94 2 cm carb veinlet with 2 to 3% patchy galena @ 293.60 2 cm carbonate veinlet @ 40 DTCA with 2 to 3% ga, 1 to 2% sph Sharp FW contact @ 40 DTCA									
				288.00	288.50	0.50	147464	0.007	2530	23600	51700	6.1
				288.50	289.00	0.50	147465	0.002	74	410	786	0.3
				289.00	290.00	1.00	147467	0.002	67	234	299	0.1
				290.00	290.50	0.50	147468	0.002	58	525	473	0.1
				290.50	291.00	0.50	147469	0.013	103	4010	2950	0.5
				291.00	291.50	0.50	147470	0.031	144	1800	3380	0.8
				291.50	292.00	0.50	147471	0.037	170	2280	6470	1.3
				292.00	292.50	0.50	147472	0.002	88	1840	2140	0.4
				292.50	293.00	0.50	147473	0.002	109	1600	3430	0.4
				293.00	293.50	0.50	147474	0.002	209	2400	2440	0.5
				293.50	294.00	0.50	147475	0.002	307	5300	491	0.7
				294.00	294.30	0.30	147477	0.033	910	25200	22500	7.7
294.30	294.85	QV	White slightly pinkish quartz vein with calcite from 294.3 to 294.44 approximately 35 to 40% subhedral aggregates of py occurring within chloritic wallrock fragment, from 294.6 to 294.7 approximately 25 to 30% galena occurring as network of massive patches within microfractures, @ @ 294.83 single patch of sph, approximately 1 to 2% by volume, sharp FW contact @ 50 DTCA									
				294.30	294.85	0.55	147478	0.016	1540	68700	16700	10.1
294.85	297.33	MValt	yellowish green to locally dark grey, fine grained, moderately foliated, scattered qtz veins throughout and carbonate veinlets parallel to foliation, from 295.1 to 295.2 6 cm qv @ 30 DTCA rimmed with 12 to 15% aggregates of subhedral py, 4 to 5% patchy sph, 2 to 3% galena from 295.2 to 295.4 section of semi-massive cpy, galena, sphalerite approximately 30 to 35% cpy, 20 to 25% galena and 12 to 15% sphalerite sulphides localized along 2 cm contorted qtz stringer @ 296.0 3 cm qtz veinlet with 1 to 2% patchy sph, 4 to 5% subhedral py and 1 to 2% galena within wallrock, from 296.0 to 296.5 approximately 12 to 15% subhedral									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				294.85	295.20	0.35	147479	0.028	4690	23800	36100	11.1
				295.20	295.50	0.30	147480	0.049	16700	95700	79500	38.3
				295.50	296.00	0.50	147481	0.026	322	6400	4320	2.4
				296.00	296.50	0.50	147482	0.024	1870	27000	35700	12.1
				296.50	297.00	0.50	147483	0.006	743	9900	8500	2.3
				297.00	297.33	0.33	147484	0.005	361	6200	4080	2.8
297.33	298.17	QV	quartz-graphite vein, from 297.33 to 297.70 predominantly graphitic, approximately 10 to 12% subhedral aggregates of py localized from 297.68 to 297.72, from 297.83 to 297.85 massive galena, from 298.08 to 298.10 semi- massive galena									
				297.33	297.80	0.47	147485	0.018	130	9600	750	2.6
				297.80	298.17	0.37	147486	0.021	845	80600	1370	5
298.17	300.66	MValt	yellowish green to dark green, moderately foliated, flowy texture, predominantly sericitic, chloritic, locally graphitic, banded texture, approximately 3 to 4% blebby py throughout, from 299.1 to 299.2 localized fault gouge, @ 299.30 2 cm qtz stringer parallel to foliation with 2 to 3% subhedral py and 1 to 2% patchy sph, from 299.5 to 300.3 strongly banded, slightly contorted with banding parallel to well developed foliation @ 50 DTCA, interbanded sericite, graphite									
				298.17	298.50	0.33	147487	0.020	424	24400	17900	2.1
				298.50	299.00	0.50	147488	0.024	282	9100	8900	1.3
				299.00	299.50	0.50	147489	0.013	216	3450	9100	1
				299.50	300.00	0.50	147491	0.002	95	750	1540	0.2
				300.00	300.66	0.66	147492	0.006	162	1030	390	0.1
300.66	360.10	MV	dark green to locally light green, predominantly chloritic, sericitic, localized graphitic section notably from 309.3 to 309.6, flowy texture, abundant carbonate stringers parallel to foliation @ 40 DTCA, scattered qtz-carb vnt' throughout, @ 313.5 approximately 1 to 2% patchy sph within carb nvy para to CA, 318.3 to 318.4 6 cm qtz-calcite vn @ 40 DTCA, approx 1 to 2% blebbvy py locd along vn ct', from 320 to 323, strongly fractured with fractures subparallel to CA, tr sul, from 327.50 to 327.80 3 qtz-carb vn' up to 6 cm in width varying in orientation from 50 to 80 DTCA, approximately 2 to 3% po, 0.5 to 1% cpy, @ 340.70 3 cm grey qz vnt @ 70 DTCA with 0.5 to 1% blebby py, from 546.70 to 546.80 6 cm qtz-car vein perpendicular to CA with 1 to 2% blebby po local along vn ct', from 359.0 to 360.10 unit becomes yellowish green and more sericitic									
				300.66	301.00	0.34	147493	0.002	80	33	111	0.1
				301.00	302.00	1.00	147494	0.149	93	20	113	0.1
				302.00	303.00	1.00	147495	0.002	115	10	70	0.1
				303.00	304.00	1.00	147496	0.006	99	54	160	0.1
				304.00	305.00	1.00	147498	0.008	89	3	62	0.1
				305.00	306.00	1.00	147499	0.006	105	3	67	0.1
				306.00	307.00	1.00	147500	0.002	133	75	194	0.2
				307.00	308.00	1.00	147501	0.002	96	7	68	0.1
				308.00	309.00	1.00	147502	0.005	110	67	167	0.4
				309.00	310.00	1.00	147503	0.008	112	18	123	0.1
				310.00	311.00	1.00	147504	0.002	108	2	67	0.1
				311.00	312.00	1.00	147505	0.002	101	3	64	0.1
				312.00	313.00	1.00	147506	0.010	121	3	66	0.3
				313.00	314.00	1.00	147507	0.006	98	18	108	0.3
				314.00	315.00	1.00	147509	0.002	145	3	78	0.2
				315.00	316.00	1.00	147510	0.002	97	33	99	0.2
				316.00	317.00	1.00	147511	0.007	94	38	114	0.5
				327.00	327.50	0.50	147514	0.002	96	1	67	0.1
				327.50	328.00	0.50	147515	0.002	77	1	71	0.1
				328.00	329.00	1.00	147516	0.002	99	1	45	0.1
				337.00	338.00	1.00	147517	0.010	143	1	66	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				338.00	338.50	0.50	147518	0.005	115	1	38	0.1
				338.50	339.00	0.50	147519	0.002	119	1	41	0.1
				339.00	340.00	1.00	147520	0.002	121	1	41	0.1
				340.00	340.50	0.50	147521	0.002	126	1	47	0.1
				340.50	341.00	0.50	147523	0.010	121	1	47	0.1
				346.00	346.50	0.50	147524	0.002	115	1	30	0.1
				346.50	347.00	0.50	147525	0.002	129	1	33	0.1
				359.00	359.50	0.50	147526	0.006	95	1	47	0.1
				359.50	360.10	0.60	147527	0.005	90	1	53	0.1
360.10	364.60	MValt	light green to dark grey, fine grained to medium grained, sericitic, chloritic, bands of graphite notably from 360.67 to 361.27, moderately foliated to slightly sheared with foliation @ 60 DTCA, from 36.10 to 360.67 approximately 12 to 15% py occurring as segregated bands parallel to foliation, from 361.27 to 361.47 sericitic, banded with approximately 6 to 7% banded py, from 362.0 to 364.6 unit becomes dark grey, chloritic with interbanded wispy graphite and slightly sheared and locally fractured									
				360.10	360.67	0.57	147528	0.010	63	8	67	0.2
				360.67	361.27	0.60	147529	0.006	52	3	96	0.1
				361.27	362.00	0.73	147530	0.006	71	5	98	0.1
				362.00	363.00	1.00	147531	0.015	80	31	144	0.3
				363.00	364.00	1.00	147533	0.006	53	11	162	0.1
				364.00	364.60	0.60	147534	0.006	13	6	81	0.1
364.60	382.76	Flowbx	dark grey, fine to medium grained chloritic, moderately foliated with foliation @ 40 DTCA, abundant sicified sericitic subrounded porphyritic clasts notably from 364.60 to 372.0, groundmass speckled with white albitic feldspar phenocrysts, approximately 1 to 2$ disseminated py and 1 to 2% disseminated and localized blebby po, @ 373.55 patch of massive po and patchy pyrite, from 379.7 to 379.90 approximately 2 to 3% disseminated po									
				364.60	365.00	0.40	147535	0.005	10	1	61	0.1
				365.00	366.00	1.00	147536	0.002	17	6	79	0.1
				373.00	373.50	0.50	147537	0.008	23	47	147	0.2
				373.50	374.00	0.50	147538	0.006	23	62	248	0.2
				379.00	379.50	0.50	147539	0.006	49	9	56	0.1
				379.50	380.00	0.50	147540	0.007	36	3	56	0.1
				380.00	381.00	1.00	147541	0.009	25	10	80	0.1
382.76	413.50	FP	dark grey-green, medium grained, chloritic, feldspar phyric, occasional slightly potassic porphyritic clasts throughout, from 400.15 to 400.30 6 cm white qtz-chl vn @ 40 DTCA with 1 to 2% disseminated py locd along vn ct', from 403.0 to 406.0 porphyry burgandy red and altered with hematite									
				400.00	400.50	0.50	147542	0.007	5	1	80	0.1
				400.50	401.00	0.50	147543	0.005	9	1	76	0.1
413.50	419.52	Flowbx	burgandy to dark red, moderately foliated, slightly sheared, with foliation @ 30 DTCA, predominantly hematitic with chloritic volcanic sections notably from 414.10 to 414.30 and 417.46 to 417.60, abundant low angle qtz-car sts possessing approcimately 1 to 2% blebby py and 1 to 2% disseminated po									
				414.00	415.00	1.00	147544	0.006	16	5	71	0.1
				415.00	416.00	1.00	147546	0.009	10	22	85	0.1
				416.00	417.00	1.00	147547	0.032	7	1	45	0.1
				417.00	418.00	1.00	147548	0.010	8	4	47	0.1
419.52	421.00	FP	dark green, medium grained, massive, homogeneous, choritic, slightly sericitic									
421.00	432.60	Flowbx	burgandy to dark red, moderately foliated, slightly sheared, with foliation @ 30 DTCA, predominantly hematitic, from 430.80 to 432.60 unit becomes less hematitic and progressively more chloritic with yellowish white coarse grained albitic porphyry clasts up to 20 cm in width, tr sul									
432.60	443.00	FP	predominantly dark green, chloritic, with diffuse reddish hematitic sections, feldspar phyric, homogeneous with rare clasts, sharp FW contact @ 40 DTCA, tr sul									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
443.00	443.60	Sarg	light grey to buff, aphanitic, predominantly sericitic, chloritic, sharp HW and FW contacts @ 40 DTCA, bedding @ 40 DTCA, tr sul									
443.60	444.94	FV	light grey, siliceous, slightly sericitic and chloritic, moderately foliated, slightly sheared with foliation @ 40 DTCA, tr sul									
444.94	446.00	Sarg	light grey, siliceous, slightly sericitic and chloritic, moderately foliated, slightly sheared with foliation @ 40 DTCA, tr sul									
				444.94	445.50	0.56	147551	0.008	40	13	153	0.1
				445.50	446.00	0.50	147552	0.006	29	15	113	0.1
446.00	450.00	FV	light grey, siliceous, slightly sericitic and chloritic, moderately foliated, slightly sheared with foliation @ 40 DTCA, tr sul, unit moderately foliated with crennulation banding, slightly sheared and fractured with foliation @ 40 DTCA, tr sul, abundant qtz occurring as phenocrysts and chlorite clasts stretched parallel to foliation									
				446.00	447.00	1.00	147553	0.007	26	1	69	0.1
				447.00	448.00	1.00	147554	0.006	13	1	56	0.1
				448.00	449.00	1.00	147555	0.007	10	1	63	0.1
				449.00	450.00	1.00	147556	0.007	35	6	125	0.1
450.00	457.00	MValt	dark green, prdominatly chloritic, locally sericitic, abundant carb stringers parallel to moderately foliated fabric @ 40 DTCA, approximately 0.5 to 1% disseminated py									
				450.00	451.00	1.00	147557	0.006	33	15	193	0.1
457.00	462.80	MV	dark grey to black, chloritic, graphitic, fine grained, weakly foliated @ 40 DTCA, scattered carbonate stringers parallel to CA, approximately 1 to 2% finely disseminated py									
462.80	473.80	FP	dark grey to increasingly buff, medium grained, feldspar phyric, chloritic to increasingly sericitic alteration, @ 469.30 3 cm grey qtz veinlet perpendicular to CA with 1 to 2% blebby py									
473.80	485.90	FV	buff, fine grained to aphanitic, predominantly sericitic with chloritic bands parallel to strongly developed foliation @ 40 DTCA, sheared and fractured notably from 478.4 to 479.8, approximately 3 to 4% disseminated and blebby py and 1 to 2$ blebby po, occurring within qtz-carb veinlets parallel to CA, gradtional FW contact @ 50 DTCA									
				473.80	474.50	0.70	147558	0.176	8	2	49	0.1
				474.50	475.00	0.50	147560	0.022	68	3	148	0.1
				475.00	476.00	1.00	147561	0.026	9	3	62	0.1
				476.00	477.00	1.00	147562	0.018	7	3	62	0.1
				477.00	478.00	1.00	147563	0.012	5	1	53	0.1
				478.00	479.00	1.00	147564	0.011	13	1	52	0.1
				479.00	480.00	1.00	147565	0.009	9	1	99	0.1
				480.00	481.00	1.00	147566	0.013	11	1	79	0.1
				481.00	482.00	1.00	147567	0.011	8	1	68	0.1
				482.00	483.00	1.00	147568	0.029	10	1	45	0.1
				483.00	484.00	1.00	147569	0.022	7	1	51	0.1
				484.00	484.50	0.50	147570	0.009	8	1	47	0.1
				484.50	485.00	0.50	147571	0.018	25	4	44	0.1
				485.00	485.90	0.90	147572	0.034	25	11	66	0.1
485.90	496.93	FP	dark green, chloritic with wispy sericite alteration, medium grained, feldspar phyric, mottled with white albitic phenocrysts, tr sul									
496.93	501.06	LAMP	dark grey, fine grained, massive, homogeneous, speckled with chloritic porphyroblasts, chloritic, siliceous, tr sul, sharp HW and FW contacts @ 30 and 80 DTCA									
501.06	515.97	FP	ark green, chloritic with wispy sericite alteration, medium grained, feldspar phyric, mottled with white albitic phenocrysts, tr sul, from 507.20 to 515.97 unit becomes moderately foliated to slightly sheared with foliation @ 30 DTCA, albitic phenocrysts stretched parallel to shearing, from 508.93 to 509.15 sericitized mafic volcanic section with 3 cm grey qtz vn perpendicular to CA, approximately 2 to 3% blebby py and 1 to 2% disseminated po									
				508.50	509.00	0.50	147574	0.066	6	11	70	0.2

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				509.00	509.50	0.50	147575	0.038	7	10	81	0.1
515.97	519.00	MV	dark green, chloritc, sericitic, moderately foliated with foliation @ 60 dtca, massive, homogeneous, scattered albitic phenocrysts throughout, approximately 1 to 2% disseminated py throughout									
				516.00	517.00	1.00	147576	0.013	4	3	47	0.1
				517.00	518.00	1.00	147577	0.007	4	1	51	0.1
				518.00	519.00	1.00	147578	0.009	5	1	48	0.1

EOH : 519.000
Total # of samples : 197

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-004

Easting:	523191.30	***Core Size:***	NQ	***Logged by:***	Terry/Caldbick
Northing:	5369443.10	***Drilled by:***	NPLH Drilling		
Elevation:	271.06	***Drill ID:***			
Collar Azimuth:	265.0	***Project:***			
Collar DIP:	-55.0	***Date Started:***	4/17/2020		
Hole length:	300	***Date Completed:***	4/20/2020 7:35:40 PM		

Comments:

Casing left in hole., Updated XYZ with averaged GPS

Downhole Survey Tests:

Depth	*Azimuth*	*Dip*	*Type*	*Magnetic Strength*	*Comments*
0.00		-55.00			
69.00	264.00	-57.30	Relex	55154	
120.00	265.20	-56.90	Relex	55185	
171.00	266.10	-56.80	Relex	55559	
222.00	266.90	-56.80	Relex	55072	
273.00	268.00	-56.60	Relex	55514	

Lithology From	*To*	*Rock Code*	*Description*	*From*	*To*	*Length*	*Sample #*	*Au (g/t)*	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
0.00	53.50	OVB										
53.50	84.55	FP	Dark grey-green, medium grained, chloritic, sericitic, slightly potassic, feldspar phyric (albitic), blocky fractured sections notably from 59.0 to 62.0 and 67.0 to 70.0, approximately 0.5 to 1% finely disseminated py									
				84.00	84.55	0.55	147579	0.019	28	1	47	0.1
84.55	84.87	FV	Probable rhyolite, yellowish green, fine grained, sericitic, siliceous, moderately foliated with foliation @ 40 DTCA, sharp HW and FW contacts @ 80 and 30 DTCA respectively, approximately 3 to 4% disseminated and blebby py									
				84.55	84.87	0.32	147580	0.018	20	13	59	0.3
84.87	85.80	Grap	black, fine grained, graphitic, abundant calcite stringers and veinlets parallel to well developed bedding @ 40 DTCA, approximately 7 to 8% disseminated and blebby py throughout									
				84.87	85.40	0.53	147581	0.015	59	22	277	0.2
				85.40	85.80	0.40	147583	0.019	48	61	284	0.4
85.80	88.40	MValt	light yellowish green, fine grained, predominantly sericitic with graphitic bands parallel to well developed foliation @ 25 DTCA, approximately 7 to 8% blebby and disseminated py in segregated bands aligned parallel to foliation. 88.40m - contact is blocky and partially sheared core - fault contact at 45 degrees to the core axis.									
				85.80	86.50	0.70	147584	0.007	0.5	1	21	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				86.50	87.20	0.70	147585	0.013	51	24	234	0.4
				87.20	88.40	1.20	147586	0.016	54	94	351	0.9
88.40	95.15	QFP	Light grey to buff , silicified QFP with several white quartz stringers and veins crosscutting the porphyry at high angles to the core axis. Highet density of veining occurs between 94.40 - 95.15m. Vein frequency up to 15 per metre. Vein widths from a few mm to 11cm. Minor amount of honey sphalerite and possible galena in a 3cm vein at 93.63m. Some of the stringers host up to 3% fine anhedral pyrite while other host less than 0.5%. Silicified porphyry hosts 12% to 15% fine disseminated euhedral to subhedral pyrite from 90 to 94m and 5% to 8% from 94 to 95.15m. Several diffuse cloudy feldspar phenocrysts. 95.15m - contact is blocky and sheared core - no measurement.										
				88.40	88.90	0.50	147587	0.015	65	163	394	1.1
				88.90	90.00	1.10	147588	0.033	67	1270	4080	4
				90.00	91.00	1.00	147589	0.018	19	342	609	1.1
				91.00	92.00	1.00	147590	0.010	15	31	34	0.2
				92.00	93.00	1.00	147592	0.015	19	25	47	0.1
				93.00	94.00	1.00	147593	0.016	24	26	52	0.1
				94.00	95.15	1.15	147594	0.016	28	36	72	0.1
95.15	96.00	QV	0.85cm +/- cream coloured quartz vein with some minor inclusions of host QFP. 0over 70% quartz vein material therefore is seperated into its own unit from the QFP above. 1% fin to coasre chalcopyrite, 1% fine disseminated anhedral to euhedral pyrite and 0.5% fine honey sphalerite. Core is blocky and several pieces are 'milled'y the drilling action. 96m - contact is sheared (faulted) but sharp at 53 degrees to the core axis.										
				95.15	96.00	0.85	147595	0.015	53	27	135	1.1
96.00	96.60	FZ	Probable fault zone - sheared and blocky black graphitic argillite with up to 5% graphitic gouge. Very blocky with 0% RQD and no solid piece of core exceeding 2cm in width. No veining. 96.60m - contact is blocky and partially milled core - no measurement.									
				96.00	97.00	1.00	147596	0.013	170	54	406	0.1
96.60	98.90	FP	Dark grey to black (high graphite content) FP with several tightly spaced randomly orientated feldspar phenocrysts in a silicious and carbonaceous matrix. Some fracturing at low angles (5 to 20 degrees) to the core axis with graphite along the surfaces. No notable quartz veining. 5% fine anhedral to subhedral pyrite. 98.90m - contact is sheared and blocky core with some gouge - estimate of 40 degrees to the core axis.									
				97.00	98.00	1.00	147597	0.015	69	37	448	0.3
				98.00	98.90	0.90	147598	0.011	26	54	303	0.1
98.90	103.90	Grap	Black graphitic argillite. Sheared and blocky throughout the vast majority of the unit. Main fracturing is parallel to subparallel to the core axis with minor graphitic gouge on some surfaces. Narrow pyrite-rich stringers or fractures along with stretched pyrite nodules up to 2cm X 1cm occur at 10 to 15 degrees to the core axis. Approximately 6% to 7% pyrite overall. No quartz veining. 103.90m - contact is ground and milled core - no measurement possible.									
				98.90	100.00	1.10	147599	0.010	28	12	474	0.1
				100.00	101.00	1.00	147600	0.137	727	119	2470	1.9
				101.00	102.00	1.00	147601	0.052	583	87	2390	1.3
				102.00	103.00	1.00	147602	0.095	548	87	2520	1.5
				103.00	103.90	0.90	147603	0.066	572	73	3100	1.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
103.90	116.40	FP	Medium to light grey silicious FP with localized quartz flooding. MODERTAE TO LOCALLY STRONG CALCITE alteration. From 103.90 - 107.80m the porphyryr is dark grey to black with significant carbon contebnt due to the proximitry with the graphitc argillite above. 6% to 7% fine pyrite disseminated throughout. From 107.80 - 111m the porphyry is light to medium grey with a notable increase in intensity of the calcite alteration. 4% to 5% fien to medium euhedral to anhedral pyrite. Fromm 11 - 113.4m the porphyry is strongly silicified (quartz flooded) with several closely spaced hairline fracturs subparallel to parallel to the core axis. At 113m there is a 3cm to 4cm cream quartz calcite vein with 2% to 3% pyrrhotite and 3% to 4% fine pyrite occurs at 80 to 90 degrees to the core axis. From 113 - 113.90m the unit is very blocky with sericite-rich hairline fractures running subparallel to the core axis. From 113.90 - 114.60m the porphyry is dark grey in colour, competent and has a notable decrease in pyrite with only 2% to 3% euhedral to subhedral crystals present. 114.60 - 116.25m the porphyry is medium grey in colour and has several tightly spaced sericite-rich hairlin fractures at 10 to 30 degrees to the core axis. Notable increase in pyrite to 5% to 7%. 116.25 - 116.40m the unit is strongly sericitized with 10% + fine pyrite. The pyrite and sericite are conentrated along a well developed foliatiion at 15 to 20 degrees to the core axis. 116.40m - contact sharp at 18 degrees to the core axis									
				103.90	105.00	1.10	147604	0.050	433	73	3010	1
				105.00	106.00	1.00	147606	0.011	55	8	188	0.1
				106.00	107.00	1.00	147607	0.010	27	5	42	0.1
				107.00	108.00	1.00	147608	0.009	37	4	36	0.1
				108.00	109.00	1.00	147609	0.010	21	2	45	0.1
				109.00	110.00	1.00	147610	0.009	38	5	56	0.1
				110.00	111.00	1.00	147611	0.009	29	4	49	0.1
				111.00	112.00	1.00	147612	0.009	36	3	51	0.1
				112.00	113.00	1.00	147613	0.009	48	20	90	0.1
				113.00	114.00	1.00	147614	0.009	45	5	46	0.1
				114.00	115.00	1.00	147615	0.009	47	10	47	0.1
				115.00	116.00	1.00	147616	0.010	28	1	52	0.1
				116.00	116.40	0.40	147617	0.011	8	3	59	0.1
116.40	118.70	Grap	Black graphitic argillite. Competent down to 117.6m then becomes very blocky with some gouge - possible fault at low angles to the core axis. No quartz veining. 10% pyrite which occurs in discontinuous bands and in nodules slightly stretched along foliation planes at 15 to 20 degrees to the core axis. 118.70m - contact is blocky core - estimate of 20 degrees to the core axis.									
				116.40	117.20	0.80	147619	0.008	81	34	1140	0.4
				117.20	118.70	1.50	147620	0.027	642	88	3530	1.1
118.70	120.00	QV	Quartz vein zone - several closely spaced cream to light grey quartz calcite veins ranging in width from 2cm to 19cm hosted in a sericitized feldspar porphyry with moderate to strong calcite alteration. The veins from 119 - 119.30m host 3% to 4% fine pyrite. 1% to 2% fine pyrite occurs in the other veins. Veins from 119 - 119.30m appear to be open folded. Remainder of the veins are at 50 to 65 degrees to the core axis. 120m - contact at 65 degrees to the core axis.									
				118.70	119.30	0.60	147621	0.028	442	50	3230	0.8
				119.30	120.00	0.70	147622	0.010	105	50	792	0.4
120.00	157.80	FP	Medium grey very coasre textured feldspar porphyry with cream coloured feldspar phenocrysts supported in a grey silicious matrix. A few small mafic (pyroxene?) phenocrysts are scattered throughout. A few narrow quartz caclite stringers up to 1cm in width occur widely spaced throughout with quartz veining comprising less tha 1% of the unit. 2% to 3% fine pyrite overall with a few localized increases up to 4% over a few cm. A few blocky intervals (129 - 132m being the largest) but overall good RQD values. Several hairline calcite-rich fractures throughout.									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
			157.80m - contact is in interval of blocky core but sharp at 25 degrees to the core axis.									
				120.00	121.00	1.00	147624	0.002	45	36	180	0.1
				121.00	122.00	1.00	147625	0.002	18	23	452	0.1
157.80	162.00	FZ	Fault Zone - sheared and blocky graphitic argillite with fracturing along planes at low angles to the core axis (5 to 20 degrees). Minor amount of graphitic									
			gouge on some fractured surfaces. Lower portion has a few ground pieces of light tan-green sericitized mafic volcanic(?). Significant core loss in fault - estimate of 2.30m core loss. Driller's block just states 'Grinder'.									
			162m - contact is blocky core (and probable lost core) - no measurement.									
162.00	165.00	Sarg	Light tan-green with serictized argillite with bands of yellow-tan intense sericite alteration throughout. 8% to 10% fine disseminated pyrite throughout. Intense reaction to HCl. The strong sericite and calcite alteration with the pyrite overprinting the original rock. Possibility of this an altered very fine textured volcanic but there is distinct layering (altered tuff?). No quartz veining. Well developed fabric (bedding(?) at 15 to 30 degrees to the core axis. Foliation with a few boudined calcite stringers at 30 to 40 degrees to the core axis.									
			165m - contact is blocky and ground core - estimate of 30 degrees to the core axis.									
				163.00	164.00	1.00	147626	0.008	94	17	221	0.4
				164.00	164.86	0.86	147627	0.015	109	34	177	0.5
				164.86	166.00	1.14	147738	0.015	558	1620	6560	3.4
165.00	168.70	Grap	Black graphitic argillite. No quartz veining. 5% pyrite overall which occurs in narrow pyrite-calcite stringers parallel to the main fabric at 35 to 40 degrees to the core axis as well as a few fine euhedral crystals disseminated throughout the argillite. No quartz veining.									
			168.70m - contact is blocky core - estimate of 25 degrees to the core axis.									
				166.00	167.00	1.00	147739	0.013	532	5600	24100	6.2
				167.00	168.00	1.00	147740	0.007	581	3550	11200	4.3
				168.00	169.00	1.00	147741	0.036	356	344	2620	2.7
168.70	169.00	MS	Interval of argillite with 20% to 25% very fine pyrite. No quartz veining. Fabric (bedding?) at 45 degrees to the core axis. Graphite along fracture surfaces parallel to the main fabric. Pyrite content decreases to 10% between 168.90 - 169m. 169m - contact at 45 degrees to the core axis.									
169.00	169.70	Grap	Dark grey to black graphituc argillite with moderate to strong graphite throughout. Intense calcite alteration. 10% to 12% fine disseminated pyrite throughout. No quartz veining.									
			169.70m - contact is blocky core - estimate of 40 degrees to the core axis.									
				169.00	170.00	1.00	147742	0.014	95	821	3910	2
169.70	169.85	MS	15cm lense of semi massive pyrite. 20% to 30% pyrite in a graphitic argillite. No quartz veining. Seperated as an individual unit even though less than the 0.3m minimum width due to the high sulphide content - easier to break out when modelling.									
			169.85m - contact is blocky core - estimate of 45 degrees to the core axis.									
169.85	171.70	Sarg	Light brownish-grey to dark grey-black sericitized argillite with interbedded narrow lenses of graphitic argillite. Strong to intense calcite alteration. 10% + fine euhedral to subhedral pyrite down to 170.90m. From 170.90 - 171.70m the pyrite content increases to 15% with several medium to coarse subhedral to euhedral crystals along with fine disseminated crystals. No quartz veining. From 170.90 - 171.70m the main fabric changes from 45 to 50 degrees to the 10 to 20 degrees to the core axis.									
			171.70m - contact undulating at 15 to 30 degrees to the core axis.									
				170.00	171.00	1.00	147743	0.012	118	99	805	2.2
				171.00	172.00	1.00	147744	0.002	209	1100	4150	1.6

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
171.70	184.20	MValt	Light tan-green to medium-dark green to grey fine to aphnaitic textured basalt with strong sericite and strong to intense calcite alteration along with intermittent weak to moderate chlorite alteration. less than 1% quartz veining. A few white calcite stringers. Several narrow graphitic fractures and narrow discontinuous lenses throughout. 1% to 2% fine pyrite. Unit does display localized drag folds along micro faults as well as zome textbook examples of Z-folds, features noramlly found in sedimentary units.									
			175.70m - Cluster of fine sphalerite crystals with interstial pyrite.									
			178.20 - 178.85m - interval with narrow lenses of black graphitic argillite and minor gouge running subparallel to the core axis - Possible fault.									
			183.30m - 5mm to 1cm white calcite stringer with 2% to 3% honey sphalerite along with 0.5% to 1% interstital chalcopyrite. 1% to 2% pyrite. Graphite throughout the stringer which is at 50 degrees to the core axis.									
			182.20 - 182.75m - interval with narrow quartz calcite stockwork and vein breccia with 5% fine sphalerite and 1% fine pyrite.									
			184.2m - contact very irregular at 20 to 50 degrees to the core axis.									
				174.00	174.80	0.80	147747	0.005	126	997	2960	1.2
				174.80	175.70	0.90	147628	0.014	89	1200	3410	1.7
				175.70	176.00	0.30	147629	0.022	288	2640	7920	2.2
				176.00	176.70	0.70	147630	0.005	156	1210	3910	0.8
				176.70	177.70	1.00	147749	0.006	171	916	3350	0.8
				177.70	178.70	1.00	147750	0.028	559	4440	17000	2.6
				178.70	179.70	1.00	147751	0.014	186	2530	7960	1.6
				179.70	180.90	1.20	147752	0.006	155	1590	5900	0.7
				180.90	182.20	1.30	147631	0.008	110	4210	5880	0.8
				182.20	182.70	0.50	147632	0.010	24	2890	3690	0.4
				182.70	183.30	0.60	147633	0.007	92	8300	4980	1.1
				183.30	184.20	0.90	147634	0.006	174	16100	7220	1.5
184.20	185.20	MVbx	Breccia - tan coloured quartz calcite healed breccia (vein breccia). Clast supported with angular sericitized mafic volcanic with an intense calcite overprinting. 1% to 2% fine to medium euhedral to subhedral pyrite.									
			185.20m - contatc at 60 degrees to the core axis.									
				184.20	185.20	1.00	147635	0.005	8	6300	644	0.3
185.20	185.90	MValt	Light tan green to light olive green fine to aphanitic textured sericitized mafic volcanic (pillowed basalt). Strong to intense calcite alteration. Moderate to locally strong sericite. No quartz veining. A few hairline calcite stringers. 1% fine pyrite overall.									
			185.90m - contact is blocky and ground core - estimate of 40 degrees to the core axis.									
				185.20	185.90	0.70	147636	0.040	81	8000	4110	0.8
185.90	186.45	FZ	Fault Zone - blocky and sheared altered mafic volcanic (pillowed basalt) with 1cm gouge lense on the lower contact. No quartz veining. 1% pyrite. Same as unit above.									
			186.45m - contact faulted at 35 degrees to the core axis.									
				185.90	186.60	0.70	147637	0.018	77	7300	3180	1
186.45	188.70	MValt	Brownish-green to light olive green fine to aphanitic textured altered pillowed basalt. Weak to moderate sericite alteration along with strong calcite alteration. Chlorite alteration begins to become notable below 187.40m. 2% pyrite overall with localized concentrations up to 5% over a couple of cm (with some chloritized pillow rims). A 2mm to 5mm calcite stringer at 188.90m hosts 3% to 5% fine sphalerite.									
			188.70m - contact (lower extent of sericite alteration) at 40 degrees to the core axis.									
				186.60	187.00	0.40	147639	0.002	85	405	1730	0.2
				187.00	188.00	1.00	147640	0.005	123	1270	3670	0.5

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				188.00	188.68	0.68	147641	0.005	146	153	377	1
188.70	205.97	MV	Medium to light green to greyish-green fine to aphanitic textured mafic volcanic (pillowed basalt). No quartz veining. Several narrow calcite stringers including one 1cm stringers with appreciable pyrite content and an associated alteration halo (bleaching). Some well preserved chilled and chloritized pillow rims. Localized intervals showing well developed concentric chill fractures. 1% pyrite overall with a few concentrations up to 3% over a few cm (within some of the pillow rims). 205.97m - contact at 50 degrees to the core axis.									
				195.70	196.50	0.80	147642	0.002	102	5	59	0.1
				196.50	196.90	0.40	147643	0.005	96	8	63	0.1
205.97	211.80	MValt	Altered pillowed basalt, fine grained to aphanitic, predominantly sericitic, black chloritic pillow selvages subparallel to CA, approximately 1 to 2% blebby py									
				205.97	207.00	1.03	147644	0.017	114	1	84	0.1
				207.00	208.00	1.00	147645	0.006	113	1	66	0.1
				208.00	209.00	1.00	147646	0.008	113	1	70	0.1
				209.00	210.00	1.00	147647	0.002	101	1	69	0.1
				210.00	211.00	1.00	147648	0.006	103	1	77	0.1
				211.00	211.80	0.80	147650	0.002	124	2	75	0.3
211.80	213.80	MS	sulphide enriched felsic volcanic (dacite) comprised of semi-massive concentrations of subhedral aggregates of py notably from 211.80 to 212.40, 212.50 to 213.0 and 213.20 to 213.60, concentrations of py vary from 35 to 40% by volume, py hosted within light grey siliceous dacite with foliation @ 40 DTCA and possessing hematized fractures, fractured faulted HW and FW contacts @ 40 DTCA									
				213.00	213.50	0.50	147653	0.010	32	34	38	0.5
				213.50	213.80	0.30	147654	0.002	15	8	66	0.1
213.80	217.30	Sgw	light grey, medium grained lithic wacke, siliceous and sericitic, streaked with hematitic staining parallel to bedding @ 20 DTCA, approximately 0.5 to 1% disseminated py, sharp FW contact @ 30 DTCA									
				213.80	214.50	0.70	147655	0.002	14	1	78	0.1
				214.50	215.00	0.50	147656	0.002	19	1	75	0.1
				215.00	216.00	1.00	147657	0.002	24	1	75	0.1
				216.00	216.50	0.50	147658	0.002	25	1	82	0.1
				216.50	217.30	0.80	147659	0.006	33	5	72	0.1
217.30	219.55	Sarg	light grey, chloritic, sericitic, aphanitic, well developed contorted bedding varying from 50 to 20 DTCA, subrounded wacke fragments rimmed with hematite, approximately 1 to 2% disseminated py, irregular FW contact @ 50 DTCA									
				217.30	218.00	0.70	147660	0.008	46	5	79	0.1
				218.00	219.00	1.00	147662	0.006	40	4	98	0.1
				219.00	219.55	0.55	147663	0.002	87	3	84	0.1
219.55	228.70	FV	light grey, massive, moderately foliated with foliation @ 30 DTCA, siliceous, chloritic, locally sericitic, from 220.0 to 224.0 approximately 8 to 10% disseminated and subhedral aggregates of py, @ 220.40 possible flake of vg, from 226.5 to 228.7 approximately 7 to 8% disseminated and subhedral aggregates of py with hematitic staining									
				219.55	220.00	0.45	147664	0.002	91	4	75	0.1
				220.00	221.00	1.00	147665	0.008	43	8	47	0.1
				221.00	221.50	0.50	147666	0.002	21	5	68	0.1
				221.50	222.00	0.50	147667	0.020	62	6	62	0.3
				222.00	222.50	0.50	147668	0.009	61	9	39	0.2
				222.50	223.00	0.50	147669	0.076	38	15	32	0.4
				223.00	223.50	0.50	147670	0.038	23	11	34	0.2
				223.50	224.00	0.50	147672	0.005	22	9	50	0.1
				224.00	225.00	1.00	147673	0.011	48	7	29	0.1
				225.00	226.00	1.00	147674	0.002	41	2	59	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
				226.00	227.00	1.00	147675	0.012	59	6	51	0.2
				227.00	227.50	0.50	147676	0.025	71	8	27	0.4
				227.50	228.00	0.50	147677	0.030	89	10	31	0.5
				228.00	228.70	0.70	147678	0.058	39	6	54	0.2
228.70	241.30	IV	Light grey-green, medium grained, flowy debris flow with abundant ellipsoidal chert silicified and sericitized subrounded to subangular fragments stretched parallel to foliation parallel to CA, unit prdominantly chloritic, siliceous and sericitic and mottled with white albitic phenocrysts, @ 237.90 3 cm grey qv perpendicular to CA with 2 to 3% disseminated and blebby py and stained with hematite, gradational FW contact perpendicular to CA									
				228.70	229.00	0.30	147679	0.005	16	1	129	0.1
				229.00	229.87	0.87	147680	0.006	15	1	82	0.1
				229.87	230.40	0.53	147681	0.002	14	1	61	0.1
				237.00	237.50	0.50	147682	0.029	13	3	71	0.1
				237.50	238.00	0.50	147684	0.007	14	13	152	0.1
				238.00	238.50	0.50	147685	0.005	15	17	101	0.1
241.30	257.88	FP	dark green to burgandy red, predomiantly chloritic, silicified and stained with hematite, feldspar phyric, @ 248.64 2 cm qv parallel to CA with 1 to 2% subhedral py, tr sul throughout unit, sharp FW contact @ 60 DTCA									
257.88	259.25	MV	dark green, chloritic, flowy texture, massive, homogeneous, sericitic and carbonate patches, foliation subparallel to CA, tr sul, gradational FW contact @ 60 DTCA									
259.25	282.26	FP	dark green to burgandy red, predomiantly chloritic, silicified and stained with hematite, feldspar phyric, @ 270.10 4 cm grey qv @ 50 DTCA, tr sul, from 279.24 to 279.50 dark grey to black aphanitic mafic dyke with 0.5 to 1% disseminated py, sharp HW and FW contacts with chilled margins @ 50 DTCA, sharp FW contact for porphyry @ 60 DTCA, tr sul throughout porphyry									
282.26	286.30	MI	dark grey to black, aphanitic, massive, homogeneous, chloritic, blocky fractured core with fractures subparallel to CA, approximately 1 to 2% blebby py									
286.30	293.00	FP	dark green , predomiantly chloritic, silicified and weakly stained with hematite, feldspar phyric, tr sul, from 298.48 to 298.64 mafic dyke with HW and FW contacts @ 70 DTCA, tr sul									
293.00	293.80	MV	dark green, chloritic, sericitic with potassic feldspathic clasts, @ 293.5 4 cm white qtz vein @ 60 DTCA rimmed with epidotitic and hematitic alteration, approximately 6 to 7% disseminated subhedral aggregates of py within surrounding wallrock									
				293.00	293.50	0.50	147686	0.005	71	1	90	0.1
				293.50	293.80	0.30	147687	0.011	32	1	58	0.1
293.80	300.00	FP	dark green to burgandy red, chloritic, hematitic, feldspar phyric with abundant white angular to subangular dioritic clasts throughout unit, tr sul 300.0 EOH									
				293.80	294.30	0.50	147688	0.002	43	1	46	0.1

EOH : 300.000
Total # of samples : 114

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-005

Easting:	523231.53	***Core Size:***	NQ	***Logged by:***	Peter Caldbick
Northing:	5369545.20	***Drilled by:***	NPLH Drilling		
Elevation:	269.17	***Drill ID:***			
Collar Azimuth:	265.0	***Project:***			
Collar DIP:	-55.0	***Date Started:***	4/20/2020		
Hole length:	300	***Date Completed:***	4/24/2020 7:35:40 PM		

Comments:

Casing left in hole; Easting changed from 523130 to 523230, Updated XYZ with averaged GPS

Downhole Survey Tests:

Depth	*Azimuth*	*Dip*	*Type*	*Magnetic Strength*	*Comments*
0.00		-55.00			
66.00	267.70	-53.60	Relex	55154	
114.00	268.50	-53.30	Relex	55224	
165.00	269.40	-53.10	Relex	55255	
216.00	271.10	-52.40	Relex	55400	
267.00	272.20	-51.90	Relex	55234	
300.00	273.30	-51.60	Relex	55227	

Lithology From	*To*	*Rock Code*	*Description*	*From*	*To*	*Length*	*Sample #*	*Au (g/t)*	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
0.00	52.50	OVB										
52.50	58.00	Sarg	dark grey, fine grained, siliceous, graphitic, well developed bedding @ 60 DTCA, tr sul									
58.00	58.94	FP	light grey, siliceous, chloritic, feldspar phyric, approximately 2 to 3% localized subhedral to euhedral py									
58.94	63.30	Grap	dark grey to black, fine grained, graphitic, siliceous, well developed bedding @ 40 DTCA, approximately 2 to 3% blebby py									
63.30	66.10	FP	dark grey, medium grained, feldspar phyric, chloritic, siliceous, graphitic, weakly sericitic, approximately 4 to 5% scattered euhedral py									
66.10	74.90	Grap	dark grey to black, aphanitic, graphitic, siliceous, well developed bedding @ 35 DTCA, approximately 2 to 3% blebby py, ripped up subrouded porphyritic fragments throughout									
74.90	87.00	FP	dark grey to locally light grey-green notably from 74.9 to 78.0 slightly sericitic, medium grained, feldspar phyric, predominatly chloritic, sericitic, siliceous with possible tonalitic fragments, tr sul									

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
87.00	168.00	MVbx	dark grey to black, fine to medium grained, porphyritic, feldspar phyric groundmass with abundant yellowish green angular to subangular clasts up to 15 cm in width, approximately 1 to 2% blebby py, @ 104.5 3 cm white qtz vein @ 20 DTCA localized along fractures, approximately 1 to 2% blebby py, from 130.0 to 133.0 approximately 2 to 3% blebby and disseminated py, from 141.0 to 141.40 3 cm qv para;llel to CA, approximately 2 to 3% disseminated py localized along vn ct', from 141.0 to 147.0 unit becomes finer grained, graphitic, chloritic and siliceous, massive and homogeneous with qtz vnt' parallel to CA									
				104.00	104.50	0.50	147689	0.006	26	3	317	0.1
				104.50	105.00	0.50	147690	0.005	19	13	379	0.1
				129.00	130.00	1.00	147691	0.002	11	1	126	0.1
				130.00	131.00	1.00	147692	0.002	14	1	122	0.1
				131.00	132.00	1.00	147693	0.002	13	1	125	0.1
				132.00	133.00	1.00	147694	0.008	27	1	87	0.1
				141.00	141.50	0.50	147696	0.002	12	1	69	0.1
				141.50	142.00	0.50	147697	0.002	15	1	84	0.1
168.00	170.00	FV	light grey-green, fine grained, massive, homogeneous, predominantly sericitic, siliceous, chloritic, tr sul									
170.00	173.40	MVbx	dark grey, chloritic, carbonaceous, silicified, subrounded to subangular clasts within calcite cement, subaqueous flow, tr sul									
173.40	177.55	FP	dark grey to black, coarse grained, feldspar phric, fabric parallel to CA, tr sul									
177.55	184.90	FV	buff, flowy texture with fabric @ 20 DTCA, scattered sections with dense albitic phenocryst concentrations, from 180.0 tpo 180.3 qtz vn up to 5 cm in width tapering to 1 cm in width parallel to CA, approximately 7 to 8% disseminated py throughout surrounding wallrock									
				180.00	180.40	0.40	147698	0.011	20	11	71	0.1
				180.40	180.80	0.40	147699	0.180	58	20	64	0.3
				180.80	181.20	0.40	147700	0.012	82	3	80	0.1
				181.20	182.00	0.80	147701	0.002	51	5	86	0.1
				182.00	182.50	0.50	147702	0.002	51	3	93	0.1
				182.50	183.00	0.50	147703	0.040	30	38	105	0.1
				183.00	184.00	1.00	147704	0.008	60	2	98	0.1
184.90	193.80	MVbx	dark grey to black, fine to medium grained, predominantly chloritic, silicified, wispy sericitic patches, carbonaceous, appears to be explosive breccia with black qtz fragments in carbonate cement, approximately 1 to 2% disseminated py									
193.80	219.00	FVbx	light green, flowy texture, mottled with albitic phenocrysts, fabric parallel to CA, sericitic, siliceous, chloritic, locally fuschitic, from 195.5 to 196.6 approximately 6 to 7% disseminated and subhedral py, sections with ellipsoidal sericitized cherty fragments stretched parallel to fabric									
				195.00	196.00	1.00	147705	0.013	41	8	99	0.1
				196.00	197.00	1.00	147706	0.010	52	5	96	0.1
				197.00	198.00	1.00	147708	0.005	36	1	49	0.1
				198.00	199.00	1.00	147709	0.002	47	1	44	0.1
				199.00	200.00	1.00	147710	0.002	33	1	40	0.1
				200.00	201.00	1.00	147711	0.002	42	1	43	0.1
				201.00	202.00	1.00	147712	0.010	58	1	28	0.1
				202.00	203.00	1.00	147713	0.002	34	1	47	0.1
219.00	224.60	FP	dark grey-green, silicified, chloritic, sericitic, feldspar phyric, microfractures infilled with carbonate, approximately 0.5 to 1% disseminated py									
224.60	243.00	MValt	buff to locally green, strongly foliated to slightly sheared with foliation @ 30 DTCA, predominantly sericitic, chloritic, carbonaceous, from 233.0 to 243.0 unit strongly fractured with fractures subparallel to CA, approximately 1 to 2% blebby and disseminated py notably from 227.0 to 228.0									
				227.00	228.00	1.00	147714	0.025	45	6	70	0.1
				228.00	229.00	1.00	147715	0.007	21	8	94	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
243.00	264.13	MV	dark green, chloritic, fine to medium grained, chloritic, slightly sericitic and siliceous, massive, homogeneous, weakly developed foliation @ 30 DTCA, scattered qtz-carb stringers subparallel to CA, tr sul									
264.13	271.30	MValt	light green, moderately foliated, slightly sheared with foliation @ 20 DTCA, predominantly sericitic, chloritic, siliceous, fractured with fractures parallel to foliation, scattered buff sericitized ellipsoidal fragments parallel to foliation, approximately 1 to 2% disseminated and blebby py, sharp fractured FW contact @ 20 DTCA									
271.30	274.90	MV	dark green, chloritic, massive, homogeneous, epidotized fractures, weakly developed foliation @ 60 DTCA, fractured FW contact @ 60 DTCA, tr sul									
274.90	280.80	MValt	light green, moderately foliated slightly sheared with foliation @ 20 to 30 DTCA, predominantly sericitic, chloritic and slightly siliceous, banded texture with chloritic bands throughout, approximately 2 to 3% disseminated py									
				276.00	277.00	1.00	147716	0.006	17	1	57	0.1
				277.00	278.00	1.00	147718	0.002	22	1	59	0.1
				278.00	279.00	1.00	147719	0.014	16	1	57	0.1
280.80	288.20	MV	dark green, chloritic, massive, homogeneous, fine to medium grained, mottled with white albitic phenocrysts, possible gabbro, scattered epidotized veinlets parallel to weakly developed foliation @ 30 DTCA, tr sul									
288.20	297.95	FV	Dacitic, light grey to buff, sericitic, siliceous, moderately foliated with foliation @ 20 DTCA, moderately fractured with fractures parallel to foliation, chloritic banding parallel to foliation, approximately 1 to 2% disseminated py, sharp FW contact parallel to CA									
				296.00	297.00	1.00	147720	0.002	11	1	56	0.1
				297.00	298.00	1.00	147721	0.002	10	1	65	0.1
297.95	300.00	MV	dark grey to black, fine to medium grained, chloritic, carbonaceous, graphitic, massive, homogeneous, 1 to 2% disseminated py									
				298.00	299.00	1.00	147722	0.005	41	1	76	0.1
				299.00	300.00	1.00	147723	0.015	37	7	169	0.1

EOH : 300.000
Total # of samples : 32

NEWBREAK RESOURCES

Diamond Drill Log Report

Hole Name:

NB-20-006

Easting:	523219.65	***Core Size:***	NQ	***Logged by:***	Terry/Caldbick
Northing:	5369648.19	***Drilled by:***	NPLH Drilling		
Elevation:	269.30	***Drill ID:***			
Collar Azimuth:	265.0	***Project:***			
Collar DIP:	-55.0	***Date Started:***	4/24/2020		
Hole length:	210	***Date Completed:***	4/26/2020 7:35:40 PM		

Comments:

Casing left in hole, Easting changed from 523122 TO 523222, Updated XYZ with averaged GPS

Downhole Survey Tests:

Depth	*Azimuth*	*Dip*	*Type*	*Magnetic Strength*	*Comments*
0.00		-55.00			
51.00	265.90	-53.30	Relex	55217	
102.00	265.40	-53.00	Relex	55589	
153.00	262.50	-51.50	Relex	55299	
204.00	263.30	-50.50	Relex	55163	

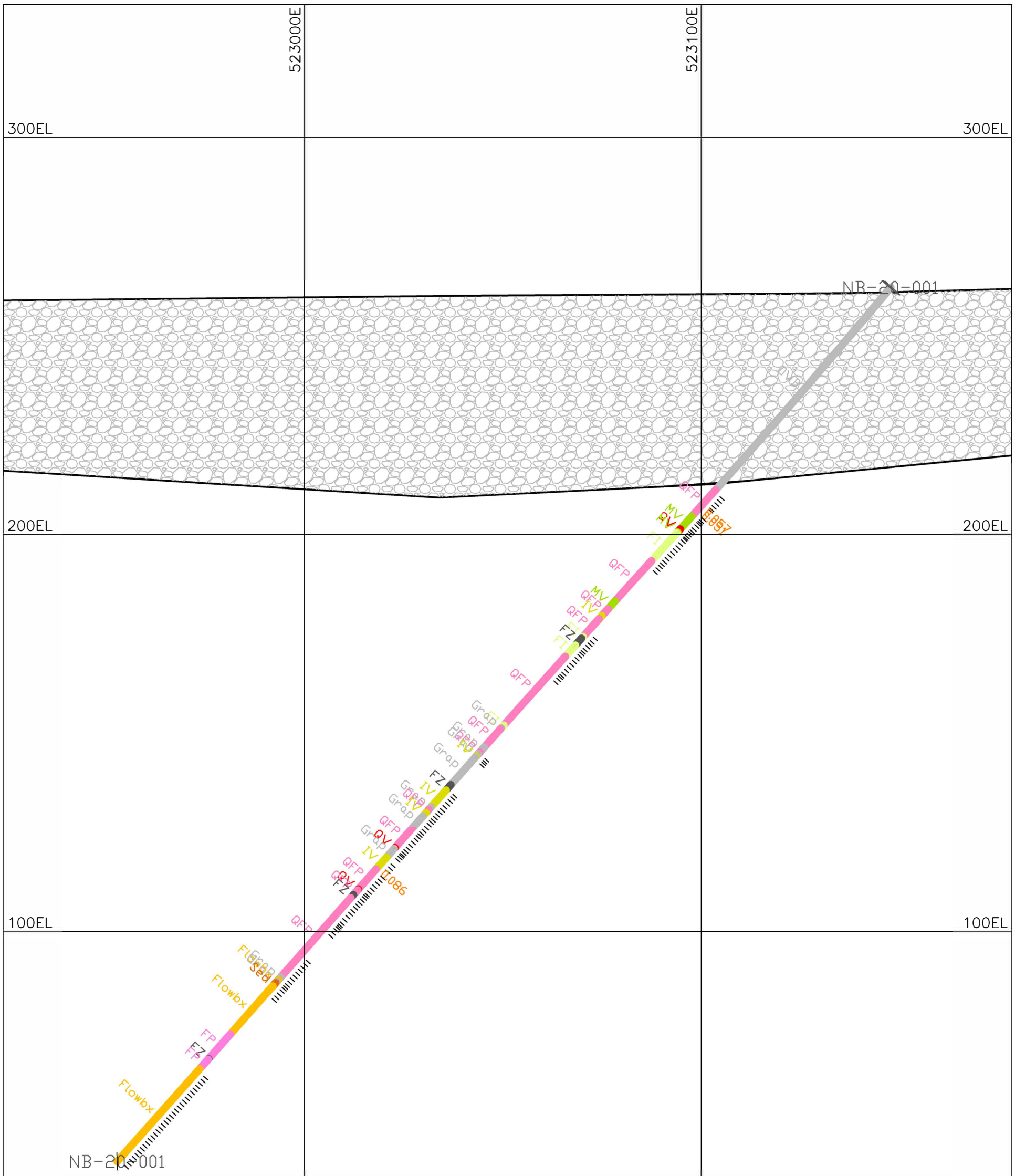
Lithology From	*To*	*Rock Code*	*Description*	*From*	*To*	*Length*	*Sample #*	*Au (g/t)*	*CU_PPM*	*PB_PPM*	*ZN_PPM*	*AG_PPM*
0.00	38.50	OVB										
38.50	71.30	MV	dark green, chloritic, carbonaceous, locally sericitic notably from 57.0 to 58.50, strongly fractured from 57.0 to 71.30 with fractures parallel to CA, dark grey qtz phenocrysts throughout and white carbonate phenocrysts stretched parallel to foliation, localized epidotitic and potassic alteration @ 69.80, from 53.8 to 54.0 white 4 cm qtz vein parallel to CA with approximately 0.5 to 1% disseminated py within surrounding wallrock									
				53.00	53.50	0.50	147724	0.002	6	3	48	0.1
				53.50	54.00	0.50	147725	0.002	11	3	43	0.1
				54.00	54.50	0.50	147726	0.002	10	3	58	0.1
71.30	96.00	IV	light green, fine grained, massive, homogeneous, chloritic, sericitic, carbonaceous, strongly fractured from 70.9 to 78.0 with fractures parallel to foliation and parallel to CA, tr sul									
96.00	123.00	FP	dark green, chloritic, moderately foliated with foliation parallel to CA, feldspar phyric with ellipsoidal qtz-carb phenocrysts stretched parallel to fabric, tr sul									
123.00	126.90	FV	light green to buff, fine to medium grained, sericitic, siliceous, diffuse ellipsoidal silicified clasts stretched parallel to fabric parallel to CA, approximately 1 to 2% disseminated py									
				123.00	124.00	1.00	147727	0.005	18	8	42	0.1
				124.00	125.00	1.00	147729	0.002	2	4	19	0.1
				125.00	126.00	1.00	147730	0.002	3	3	26	0.1
				126.00	126.90	0.90	147731	0.012	3	4	32	0.1

Lithology From	To	Rock Code	Description	From	To	Length	Sample #	Au (g/t)	CU_PPM	PB_PPM	ZN_PPM	AG_PPM
126.90	135.00	FP	dark green, medium grained, chloritic, feldspar phyric, mottled with whitish grey albitic phenocrysts, fabric parallel to CA, tr sul									
135.00	140.00	MV	dark green, chloritic, medium grained, secondary sericitic alteration, silicified, fabric parallel to CA, qtz stringers parallel to CA, tr sul, @ 141.60 3 cm white qv bifurcating into 2 2 cm qtz stringers parallel to CA, approximately 1 to 2% blebby py throughout surrounding wallrock									
140.00	201.00	FP	dark green, medium grained, feldspar phyric, mottled with grey albitic phenocrysts stretched parallel to foliation parallel to CA, tr sul									
				191.00	191.50	0.50	147732	0.634	10	12	132	4.1
				191.50	192.00	0.50	147733	0.006	2	1	46	0.1
201.00	204.20	FV	yellowish green, fine to medium grained, flowy texture, sericitic, chloritic, siliceous, scattered albitic phenocryts, approximately 1 to 2% disseminated py, foliation parallel to CA									
204.20	204.70	MI	dark grey, slightly graphitic, chloritic, silicified, aphanitic, sharp HW contact @ 50 DTCA, strongly fractured, tr sul									
204.70	210.00	MV	dark green, fine grained, chloritic, massive, homogeneous, abundant fractures, tr sul, 210.0 meters EOH									

EOH : 210.000
Total # of samples : 9

Appendix 3

Drill Sections



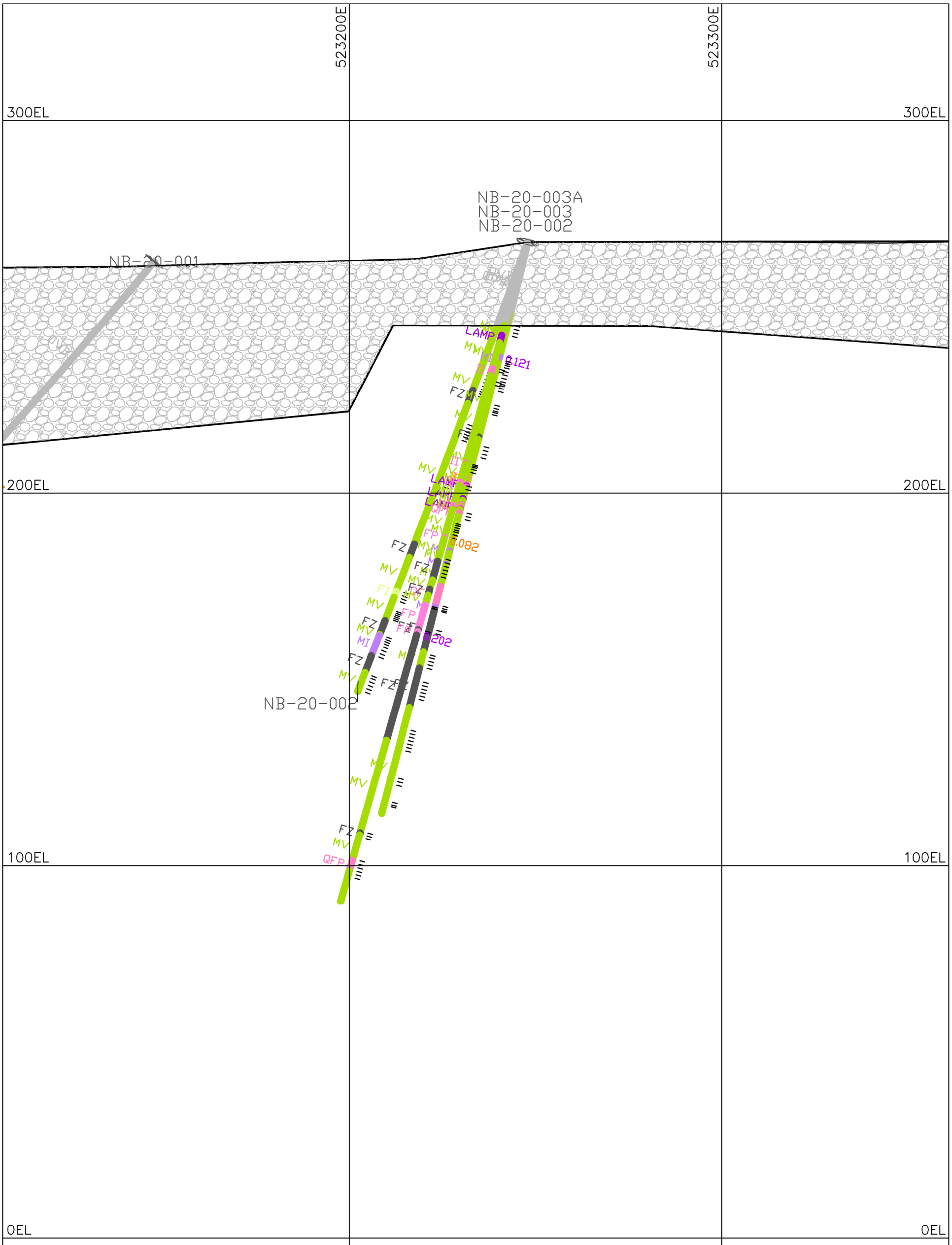
Rock_Code	Rock_Type	Colour
OVB	Overburden	
FI	Felsic intrusive	
Flowbx	Flow breccia	
FP	Feldspar Porphyry	
FV	Felsic volcanic	
FVbx	Felsic volcanic breccia	
FZ	Fault zone	
Grap	Graphitic argillite	
IF	Iron formation	
II	Intermediate Intrusive	
IV	Intermediate volcanic	
LAMP	Lamprophyre	

Rock_Code	Rock_Type	Colour
MI	Mafic intrusive	
MS	Massive to semi-massive sulphides	
MV	Mafic volcanic	
MValt	Altered mafic volcanic	
MVbx	Mafic volcanic breccia	
MVpil	Pillowed basalt	
QFP	Quartz feldspar porphyry	
QV	Quartz vein	
Sarg	Argillite	
Sed	Sediments	
Sgw	Greywacke	

Legend (Au g/t)		
From	To	Colour
0.00	0.05	NONE
0.05	0.10	
0.10	1.00	
1.00	5.00	

NEWBREAK RESOURCES

Project: BOND CURRIE		
Section: NB-20-001		
Drawn by: LH	Date: 4/13/2022	Looking: NORTH
Approved by:	Date:	Scale: 1:1000



Rock_Code	Rock_Type	Colour
OVB	Overburden	
FI	Felsic intrusive	
Flowbx	Flow breccia	
FP	Feldspar Porphyry	
FV	Felsic volcanic	
FVbx	Felsic volcanic breccia	
FZ	Fault zone	
Grap	Graphitic argillite	
IF	Iron formation	
II	Intermediate Intrusive	
IV	Intermediate volcanic	
LAMP	Lamprophyre	

Rock_Code	Rock_Type	Colour
MI	Mafic intrusive	
MS	Massive to semi-massive sulphides	
MV	Mafic volcanic	
MValt	Altered mafic volcanic	
MVbx	Mafic volcanic breccia	
MVpil	Pillowed basalt	
QFP	Quartz feldspar porphyry	
QV	Quartz vein	
Sarg	Argillite	
Sed	Sediments	
Sgw	Greywacke	

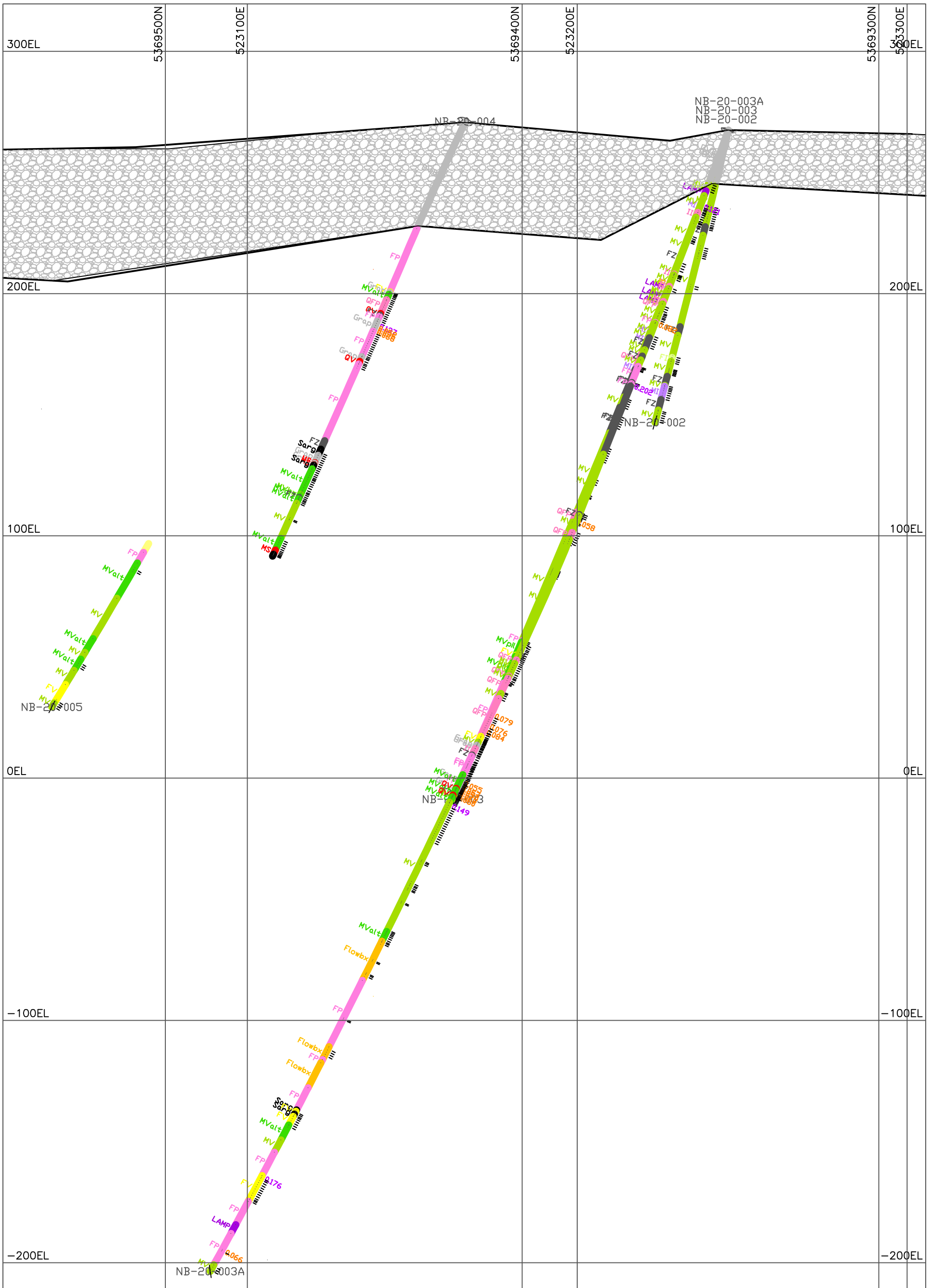
Legend (Au g/t)		
From	To	Colour
0.00	0.05	NONE
0.05	0.10	
0.10	1.00	
1.00	5.00	

NEWBREAK RESOURCES

Project: BOND-CURRIE

Section: NB-20-002

Drawn by: LM	Date: 4/12/2022	Looking: NORTH
Approved by:	Date:	Scale: 1:1000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523100E
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5369300N
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−100EL
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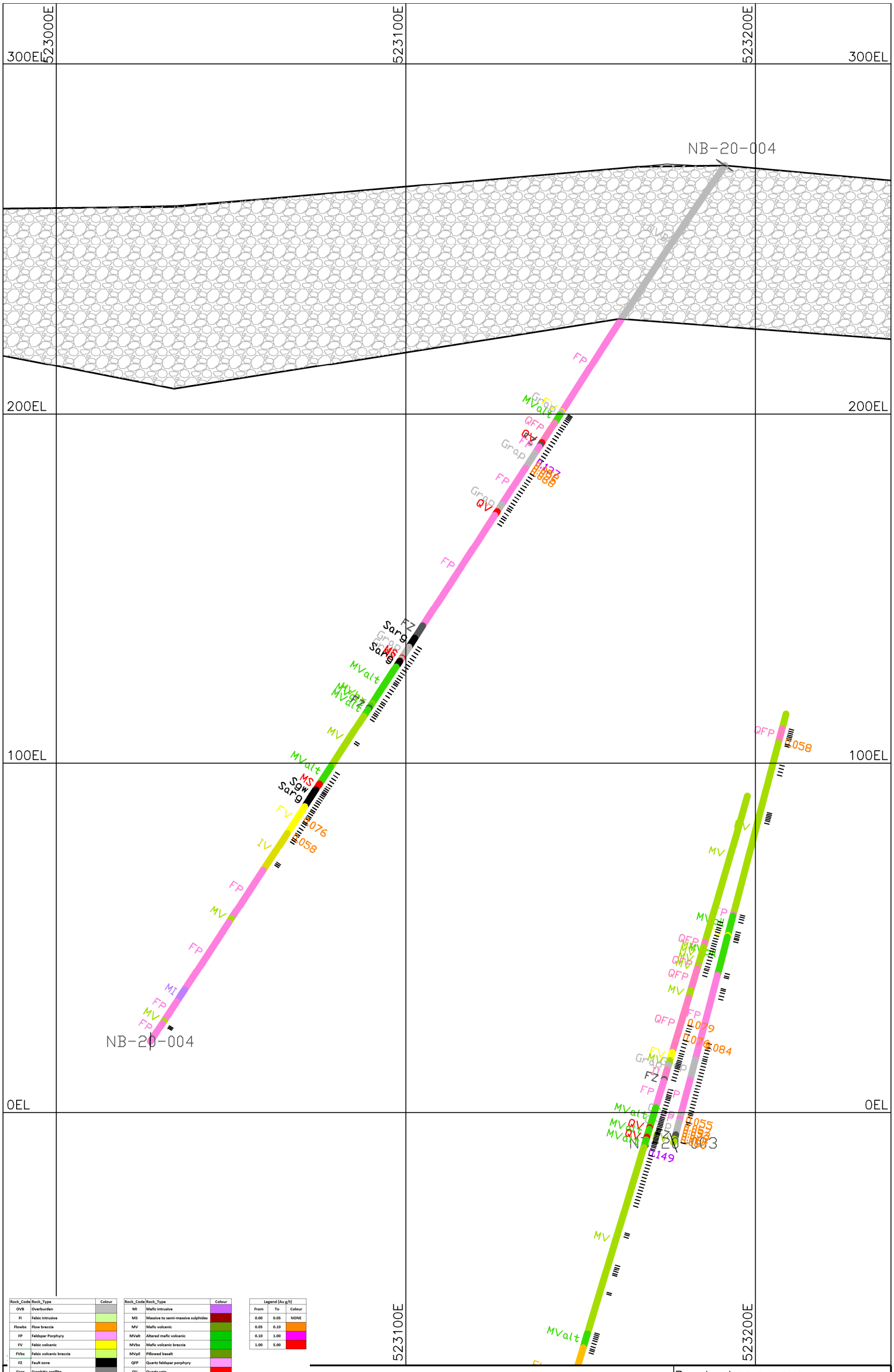
NB-20-003A
NB-20-003
NB-20-002
NB-20-005
NB-20-002
NB-20-003
NB-20-003A
FP
MVolt
MV
FZ
FV
QFP
QV
Grap
Sarg
MS
MVpil
Flowbx
LAMP
MI
IF
Rock_Code | Rock_Type | Colour
OVB | Overburden
FI | Felsic intrusive
Flowbx | Flow breccia
FP | Feldspar Porphyry
FV | Felsic volcanic
FVbx | Felsic volcanic breccia
FZ | Fault zone
Grap | Graphitic argillite
IF | Iron formation
II | Intermediate Intrusive
IV | Intermediate volcanic
LAMP | Lamprophyre
Rock_Code | Rock_Type | Colour
MI | Mafic intrusive
MS | Massive to semi-massive sulphides
MV | Mafic volcanic
MVolt | Altered mafic volcanic
MVbx | Mafic volcanic breccia
MVpil | Pillowed basalt
QFP | Quartz feldspar porphyry
QV | Quartz vein
Sarg | Argillite
Sed | Sediments
Sgw | Greywacke
Legend (Au g/t)
From | To | Colour
0.00 | 0.05 | NONE
0.05 | 0.10
0.10 | 1.00
1.00 | 5.00
NEWBREAK RESOURCES
Project: BOND-CURRIE
Section: NB-20-003 & NB-20-003A
Drawn by: LM
Date: 4/13/2022
Looking: NORTHWEST
Approved by:
Date:
Scale: 1:1500



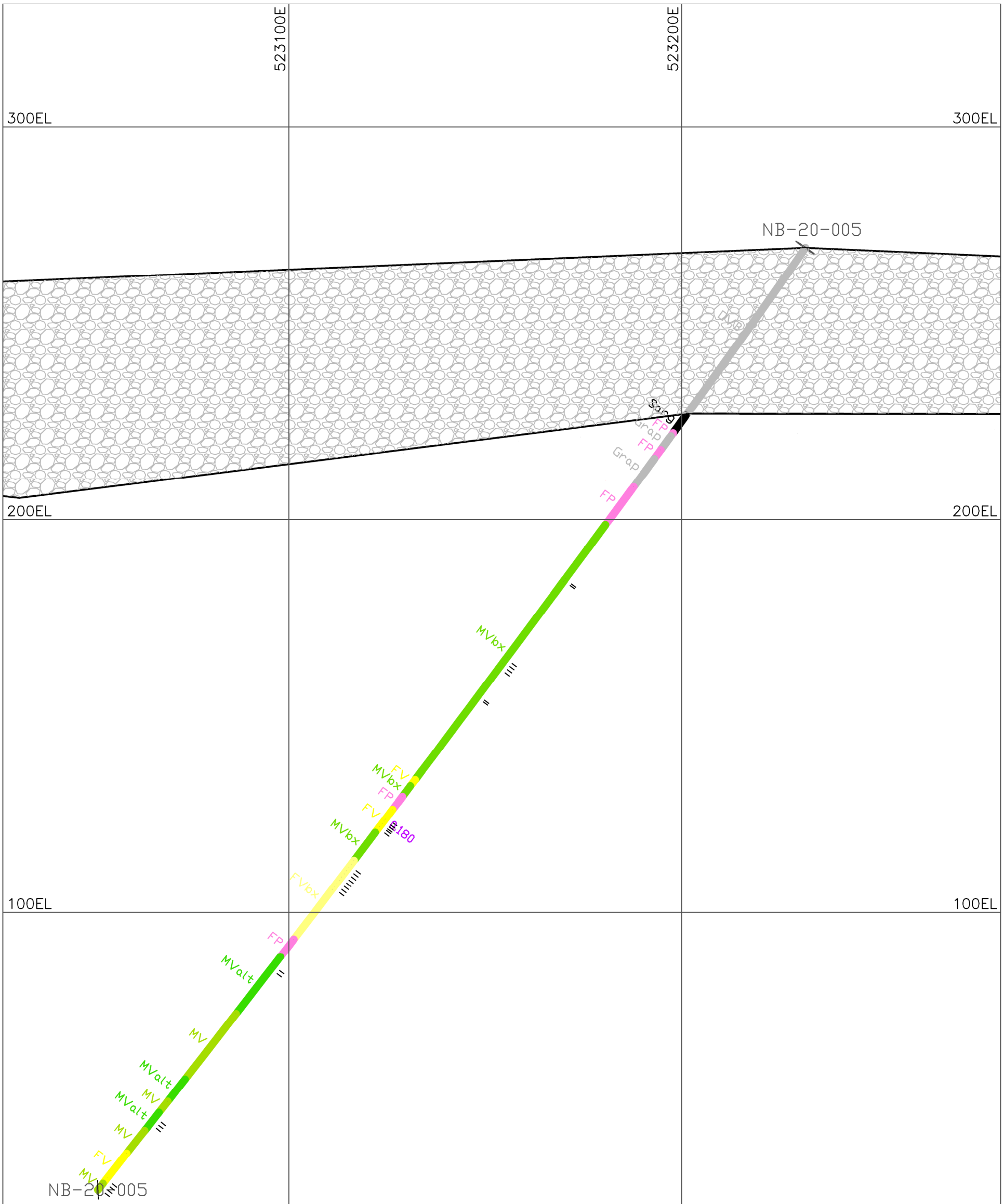
Rock_Code	Rock_Type	Colour
OVB	Overburden	
FI	Felsic intrusive	
Flowbx	Flow breccia	
FP	Feldspar Porphyry	
FV	Felsic volcanic	
FVbx	Felsic volcanic breccia	
FZ	Fault zone	
Grap	Graphitic argillite	
IF	Iron formation	
II	Intermediate Intrusive	
IV	Intermediate volcanic	
LAMP	Lamprophyre	

Rock_Code	Rock_Type	Colour
MI	Mafic intrusive	
MS	Massive to semi-massive sulphides	
MV	Mafic volcanic	
MValt	Altered mafic volcanic	
MVbx	Mafic volcanic breccia	
MVpil	Pillowed basalt	
QFP	Quartz feldspar porphyry	
QV	Quartz vein	
Sarg	Argillite	
Sed	Sediments	
Sgw	Greywacke	

Legend (Au g/t)		
From	To	Colour
0.00	0.05	NONE
0.05	0.10	
0.10	1.00	
1.00	5.00	

NEWBREAK RESOURCES

Project: BOND-CURRIE		
Section: NB-20-004		
Drawn by: LM	Date: 4/12/2022	Looking: NORTH
Approved by:	Date:	Scale: 1:1000



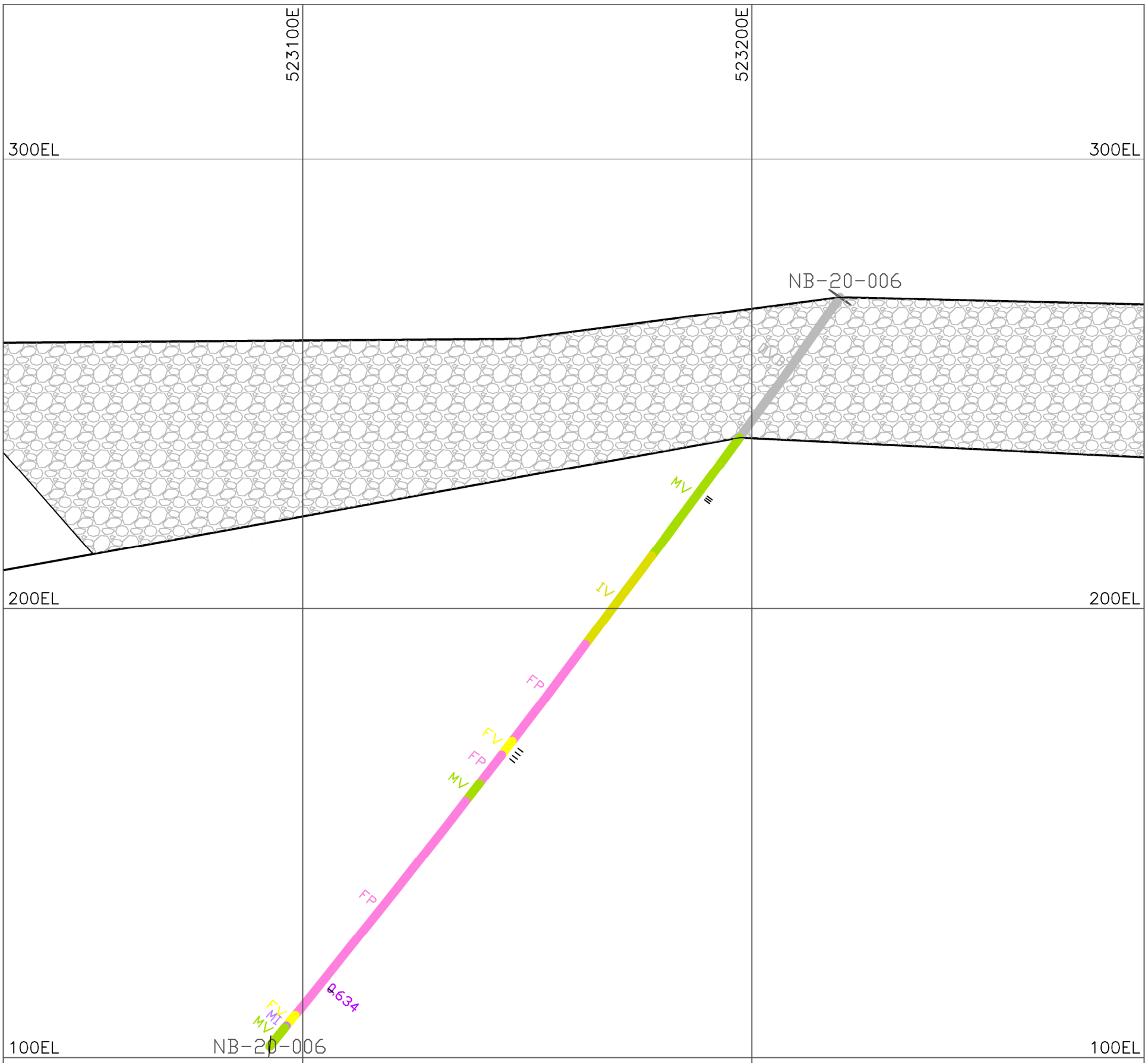
Rock_Code	Rock_Type	Colour
OVB	Overburden	
FI	Felsic intrusive	
Flowbx	Flow breccia	
FP	Feldspar Porphyry	
FV	Felsic volcanic	
FVbx	Felsic volcanic breccia	
FZ	Fault zone	
Grap	Graphitic argillite	
IF	Iron formation	
II	Intermediate Intrusive	
IV	Intermediate volcanic	
LAMP	Lamprophyre	

Rock_Code	Rock_Type	Colour
MI	Mafic intrusive	
MS	Massive to semi-massive sulphides	
MV	Mafic volcanic	
MValt	Altered mafic volcanic	
MVbx	Mafic volcanic breccia	
MVpil	Pillowed basalt	
QFP	Quartz feldspar porphyry	
QV	Quartz vein	
Sarg	Argillite	
Sed	Sediments	
Sgw	Greywacke	

Legend (Au g/t)		
From	To	Colour
0.00	0.05	NONE
0.05	0.10	
0.10	1.00	
1.00	5.00	

NEWBREAK RESOURCES

Project: BOND CURRIE		
Section: NB-20-005		
Drawn by: LH	Date: 4/13/2022	Looking: NORTH
Approved by:	Date:	Scale: 1:1000



Rock_Code	Rock_Type	Colour
OVB	Overburden	
FI	Felsic intrusive	
Flowbx	Flow breccia	
FP	Feldspar Porphyry	
FV	Felsic volcanic	
FVbx	Felsic volcanic breccia	
FZ	Fault zone	
Grap	Graphitic argillite	
IF	Iron formation	
II	Intermediate Intrusive	
IV	Intermediate volcanic	
LAMP	Lamprophyre	

Rock_Code	Rock_Type	Colour
MI	Mafic intrusive	
MS	Massive to semi-massive sulphides	
MV	Mafic volcanic	
MValt	Altered mafic volcanic	
MVbx	Mafic volcanic breccia	
MVpil	Pillowed basalt	
QFP	Quartz feldspar porphyry	
QV	Quartz vein	
Sarg	Argillite	
Sed	Sediments	
Sgw	Greywacke	

Legend (Au g/t)		
From	To	Colour
0.00	0.05	NONE
0.05	0.10	
0.10	1.00	
1.00	5.00	

NEWBREAK RESOURCES

Project: BOND-CURRIE

Section: NB-20-006

Drawn by: LM	Date: 4/13/2022	Looking: NORTH
Approved by:	Date:	Scale: 1:1000

Appendix 4

Sample Table

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-001	147001	523103.26	5369345.42	210.82	67.5	68.5	1	QFP	0.011	61	17	41	0.1	A20-04202
NB-20-001	147002	523102.59	5369345.39	210.07	68.5	69.5	1	QFP	0.005	26	4	20	0.1	A20-04202
NB-20-001	147003	523101.92	5369345.36	209.33	69.5	70.5	1	QFP	0.014	14	3	19	0.1	A20-04202
NB-20-001	147004	523101.26	5369345.32	208.58	70.5	71.5	1	QFP	0.008	68	1	18	0.1	A20-04202
NB-20-001	147005	523100.71	5369345.30	207.97	71.5	72.15	0.65	QFP	0.009	50	3	20	0.1	A20-04202
NB-20-001	147006	523100.37	5369345.28	207.60	72.15	72.5	0.35	QFP	0.015	63	4	114	0.3	A20-04202
NB-20-001	147008	523099.92	5369345.26	207.10	72.5	73.5	1	QFP	0.057	53	8	21	0.3	A20-04202
NB-20-001	147009	523099.25	5369345.22	206.35	73.5	74.5	1	QFP	0.051	28	5	25	0.2	A20-04202
NB-20-001	147010	523098.59	5369345.19	205.61	74.5	75.5	1	QFP	0.038	27	1	17	0.1	A20-04202
NB-20-001	147011	523098.05	5369345.16	205.01	75.5	76.1	0.6	QFP	0.032	46	4	19	0.1	A20-04202
NB-20-001	147012	523097.72	5369345.15	204.64	76.1	76.5	0.4	QFP	0.041	211	3	22	0.4	A20-04202
NB-20-001	147013	523097.42	5369345.14	204.31	76.5	77	0.5	MV	0.05	52	1	86	0.2	A20-04202
NB-20-001	147014	523096.91	5369345.11	203.76	77	78	1	MV	0.011	162	1	112	0.1	A20-04202
NB-20-001	147015	523096.24	5369345.08	203.01	78	79	1	MV	0.028	62	4	97	0.1	A20-04202
NB-20-001	147016	523095.76	5369345.06	202.48	79	79.45	0.45	MV	0.021	63	3	111	0.1	A20-04202
NB-20-001	147017	523095.39	5369345.04	202.07	79.45	80.1	0.65	MV	0.012	86	5	139	0.1	A20-04202
NB-20-001	147018	523094.97	5369345.02	201.61	80.1	80.7	0.6	MV	0.013	87	3	202	0.1	A20-04202
NB-20-001	147019	523094.53	5369345.00	201.12	80.7	81.4	0.7	QV	0.036	17	6	144	0.3	A20-04202
NB-20-001	147020	523094.16	5369344.99	200.72	81.4	81.8	0.4	QV	0.041	11	18	24	0.3	A20-04202
NB-20-001	147022	523093.93	5369344.98	200.46	81.8	82.1	0.3	MV	0.019	38	1	154	0.1	A20-04202
NB-20-001	147023	523093.49	5369344.96	199.98	82.1	83.1	1	FI	0.014	12	4	24	0.1	A20-04202
NB-20-001	147024	523092.82	5369344.93	199.24	83.1	84.1	1	FI	0.015	22	4	29	0.1	A20-04202
NB-20-001	147025	523092.15	5369344.90	198.49	84.1	85.1	1	FI	0.016	32	6	31	0.1	A20-04202
NB-20-001	147026	523091.48	5369344.87	197.75	85.1	86.1	1	FI	0.011	22	1	39	0.1	A20-04202
NB-20-001	147027	523090.81	5369344.84	197.01	86.1	87.1	1	FI	0.013	14	1	35	0.1	A20-04202
NB-20-001	147028	523090.13	5369344.81	196.28	87.1	88.1	1	FI	0.011	16	1	43	0.1	A20-04202
NB-20-001	147029	523089.46	5369344.78	195.54	88.1	89.1	1	FI	0.009	15	1	40	0.1	A20-04202
NB-20-001	147030	523088.79	5369344.75	194.79	89.1	90.1	1	FI	0.015	18	1	39	0.1	A20-04202
NB-20-001	147031	523088.22	5369344.73	194.17	90.1	90.8	0.7	FI	0.012	17	2	62	0.1	A20-04202
NB-20-001	147033	523087.72	5369344.71	193.61	90.8	91.6	0.8	FI	0.01	24	4	49	0.1	A20-04202
NB-20-001	147034	523087.11	5369344.68	192.94	91.6	92.6	1	QFP	0.01	23	3	44	0.1	A20-04202
NB-20-001	147035	523086.44	5369344.66	192.20	92.6	93.6	1	QFP	0.013	19	3	47	0.1	A20-04202
NB-20-001	147036	523071.34	5369344.10	175.47	115	116.3	1.3	QFP	0.006	32	9	30	0.1	A20-04203
NB-20-001	147037	523070.57	5369344.08	174.62	116.3	117.3	1	QFP	0.013	33	16	56	0.5	A20-04203
NB-20-001	147038	523070.03	5369344.06	174.02	117.3	117.9	0.6	FI	0.007	28	91	181	0.4	A20-04203
NB-20-001	147040	523069.47	5369344.04	173.39	117.9	119	1.1	Grap	0.012	81	79	310	0.9	A20-04203
NB-20-001	147041	523068.80	5369344.02	172.65	119	119.9	0.9	Grap	0.017	57	27	368	0.3	A20-04203
NB-20-001	147042	523068.30	5369344.00	172.09	119.9	120.5	0.6	Grap	0.009	46	293	515	0.4	A20-04203
NB-20-001	147043	523067.93	5369343.99	171.68	120.5	121	0.5	FI	0.005	41	56	132	0.1	A20-04203
NB-20-001	147045	523067.43	5369343.98	171.12	121	122	1	FI	0.005	39	42	89	0.1	A20-04203
NB-20-001	147046	523066.76	5369343.96	170.38	122	123	1	FI	0.009	27	42	78	0.1	A20-04203
NB-20-001	147047	523066.09	5369343.94	169.63	123	124	1	FI	0.015	17	4	39	0.1	A20-04203
NB-20-001	147048	523065.43	5369343.92	168.89	124	125	1	QFP	0.016	20	8	53	0.1	A20-04203
NB-20-001	147049	523064.76	5369343.90	168.14	125	126	1	QFP	0.006	16	7	50	0.1	A20-04203
NB-20-001	147050	523064.09	5369343.88	167.40	126	127	1	QFP	0.008	15	10	54	0.1	A20-04203
NB-20-001	147051	523063.42	5369343.86	166.66	127	128	1	QFP	0.006	19	9	56	0.1	A20-04203
NB-20-001	147052	523062.92	5369343.84	166.10	128	128.5	0.5	QFP	0.005	14	16	65	0.1	A20-04203
NB-20-001	147053	523062.59	5369343.83	165.72	128.5	129	0.5	QFP	0.011	16	9	47	0.1	A20-04203
NB-20-001	147054	523062.09	5369343.82	165.17	129	130	1	QFP	0.005	16	13	55	0.1	A20-04203
NB-20-001	147055	523061.42	5369343.80	164.42	130	131	1	QFP	0.005	16	15	62	0.1	A20-04203

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-001	147056	523044.02	5369343.39	144.91	156.3	157	0.7	QFP	0.03	221	201	2060	0.8	A20-04203
NB-20-001	147057	523043.55	5369343.38	144.39	157	157.7	0.7	Grap	0.022	288	226	2770	1.1	A20-04203
NB-20-001	147058	523043.22	5369343.38	144.02	157.7	158	0.3	IV	0.006	60	65	198	0.1	A20-04203
NB-20-001	147059	523042.79	5369343.37	143.53	158	159	1	Grap	0.024	465	405	2450	5.1	A20-04203
NB-20-001	147060	523035.98	5369343.25	135.87	168.4	169.1	0.7	Grap	0.006	84	74	702	0.2	A20-04203
NB-20-001	147061	523035.45	5369343.24	135.27	169.1	170	0.9	IV	0.015	312	194	1900	1	A20-04203
NB-20-001	147062	523034.82	5369343.23	134.56	170	171	1	IV	0.005	70	9	96	0.1	A20-04203
NB-20-001	147063	523034.16	5369343.22	133.81	171	172	1	IV	0.006	52	16	79	0.1	A20-04203
NB-20-001	147065	523033.50	5369343.21	133.06	172	173	1	IV	0.0025	72	17	139	0.1	A20-04203
NB-20-001	147066	523032.83	5369343.20	132.32	173	174	1	IV	0.006	85	12	87	0.1	A20-04203
NB-20-001	147067	523032.23	5369343.19	131.64	174	174.8	0.8	IV	0.005	120	33	183	0.1	A20-04203
NB-20-001	147068	523031.67	5369343.18	131.01	174.8	175.7	0.9	Grap	0.017	322	172	2540	0.7	A20-04203
NB-20-001	147069	523031.07	5369343.18	130.33	175.7	176.6	0.9	QFP	0.006	19	13	52	0.1	A20-04203
NB-20-001	147070	523030.54	5369343.17	129.73	176.6	177.3	0.7	IV	0.005	43	20	91	0.1	A20-04203
NB-20-001	147071	523030.08	5369343.16	129.21	177.3	178	0.7	IV	0.0025	65	25	357	0.1	A20-04204
NB-20-001	147072	523029.52	5369343.16	128.57	178	179	1	Grap	0.015	436	272	3110	1.4	A20-04204
NB-20-001	147073	523028.85	5369343.15	127.83	179	180	1	Grap	0.02	349	398	4180	1.5	A20-04204
NB-20-001	147074	523028.19	5369343.14	127.08	180	181	1	Grap	0.018	404	462	4150	1.4	A20-04204
NB-20-001	147075	523027.63	5369343.13	126.44	181	181.7	0.7	Grap	0.017	262	625	4160	1.3	A20-04204
NB-20-001	147076	523027.20	5369343.13	125.95	181.7	182.3	0.6	QFP	0.0025	38	22	125	0.1	A20-04204
NB-20-001	147077	523026.77	5369343.12	125.47	182.3	183	0.7	QFP	0.0025	31	20	70	0.1	A20-04204
NB-20-001	147078	523026.20	5369343.12	124.83	183	184	1	QFP	0.0025	20	13	43	0.1	A20-04204
NB-20-001	147079	523025.54	5369343.11	124.08	184	185	1	QFP	0.0025	27	18	156	0.1	A20-04204
NB-20-001	147081	523024.88	5369343.10	123.33	185	186	1	QFP	0.007	33	127	375	0.1	A20-04204
NB-20-001	147082	523024.22	5369343.09	122.58	186	187	1	QFP	0.007	30	386	967	0.3	A20-04204
NB-20-001	147083	523023.67	5369343.09	121.97	187	187.65	0.65	QFP	0.005	30	144	173	0.1	A20-04204
NB-20-001	147084	523023.17	5369343.08	121.41	187.65	188.5	0.85	QFP	0.013	75	181	403	0.2	A20-04204
NB-20-001	147085	523022.79	5369343.08	120.97	188.5	188.8	0.3	QV	0.011	51	1230	672	0.5	A20-04204
NB-20-001	147086	523022.56	5369343.08	120.71	188.8	189.2	0.4	Grap	0.006	16	87	155	0.1	A20-04204
NB-20-001	147087	523022.16	5369343.08	120.26	189.2	190	0.8	Grap	0.005	9	59	226	0.1	A20-04204
NB-20-001	147088	523021.63	5369343.07	119.66	190	190.8	0.8	Grap	0.021	221	694	1090	1.3	A20-04204
NB-20-001	147089	523020.44	5369343.06	118.32	191.7	192.7	1	IV	0.005	190	248	1120	0.2	A20-04204
NB-20-001	147090	523019.78	5369343.06	117.57	192.7	193.7	1	IV	0.006	126	49	148	0.2	A20-04204
NB-20-001	147091	523019.11	5369343.05	116.82	193.7	194.7	1	IV	0.0025	145	5	81	0.1	A20-04204
NB-20-001	147092	523018.45	5369343.05	116.07	194.7	195.7	1	IV	0.086	134	9	95	0.1	A20-04204
NB-20-001	147093	523017.79	5369343.04	115.32	195.7	196.7	1	QFP	0.005	13	9	95	0.1	A20-04204
NB-20-001	147094	523017.13	5369343.04	114.57	196.7	197.7	1	QFP	0.007	42	7	60	0.1	A20-04204
NB-20-001	147096	523016.47	5369343.03	113.82	197.7	198.7	1	QFP	0.0025	41	11	100	0.1	A20-04204
NB-20-001	147097	523015.80	5369343.03	113.07	198.7	199.7	1	QFP	0.006	23	9	109	0.1	A20-04204
NB-20-001	147098	523015.14	5369343.03	112.32	199.7	200.7	1	QFP	0.006	27	11	111	0.1	A20-04204
NB-20-001	147099	523014.48	5369343.02	111.57	200.7	201.7	1	QFP	0.005	17	29	200	0.2	A20-04204
NB-20-001	147100	523013.92	5369343.02	110.94	201.7	202.4	0.7	QFP	0.0025	32	25	148	0.1	A20-04204
NB-20-001	147101	523013.59	5369343.02	110.56	202.4	202.7	0.3	QV	0.028	171	150	2060	4.9	A20-04204
NB-20-001	147103	523013.19	5369343.02	110.11	202.7	203.6	0.9	QFP	0.007	59	50	371	0.2	A20-04204
NB-20-001	147104	523012.66	5369343.01	109.51	203.6	204.3	0.7	QFP	0.006	104	70	382	0.2	A20-04204
NB-20-001	147105	523012.10	5369343.01	108.87	204.3	205.3	1	Grap	0.008	112	176	1450	0.5	A20-04204
NB-20-001	147106	523011.53	5369343.01	108.24	205.3	206	0.7	QFP	0.008	68	77	613	0.5	A20-04205
NB-20-001	147107	523010.97	5369343.01	107.60	206	207	1	QFP	0.009	87	105	794	0.4	A20-04205
NB-20-001	147108	523010.31	5369343.01	106.85	207	208	1	QFP	0.0025	30	13	136	0.1	A20-04205
NB-20-001	147110	523009.70	5369343.01	106.16	208	208.85	0.85	QFP	0.0025	30	11	81	0.1	A20-04205

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-001	147111	523009.04	5369343.00	105.41	208.85	210	1.15	QFP	0.0025	26	45	213	0.1	A20-04205
NB-20-001	147112	523008.29	5369343.00	104.57	210	211.1	1.1	QFP	0.0025	26	26	170	0.1	A20-04205
NB-20-001	147113	523007.60	5369343.00	103.78	211.1	212.1	1	QFP	0.0025	22	62	154	0.1	A20-04205
NB-20-001	147114	523007.13	5369343.00	103.25	212.1	212.5	0.4	QFP	0.0025	26	52	151	0.1	A20-04205
NB-20-001	147115	523006.84	5369343.00	102.92	212.5	213	0.5	QFP	0.0025	32	234	339	0.3	A20-04205
NB-20-001	147116	523006.54	5369343.00	102.58	213	213.4	0.4	QFP	0.0025	50	129	236	0.3	A20-04205
NB-20-001	147118	523006.07	5369343.00	102.05	213.4	214.4	1	QFP	0.0025	26	51	186	0.1	A20-04205
NB-20-001	147119	523005.41	5369343.00	101.30	214.4	215.4	1	QFP	0.0025	13	29	115	0.1	A20-04205
NB-20-001	147120	523004.75	5369343.00	100.56	215.4	216.4	1	QFP	0.0025	23	42	120	0.1	A20-04205
NB-20-001	147121	522999.06	5369343.02	94.11	224	225	1	QFP	0.0025	39	7	53	0.1	A20-04205
NB-20-001	147122	522998.40	5369343.02	93.36	225	226	1	QFP	0.0025	38	5	44	0.1	A20-04205
NB-20-001	147123	522997.74	5369343.02	92.61	226	227	1	QFP	0.0025	21	6	48	0.1	A20-04205
NB-20-001	147124	522997.08	5369343.03	91.86	227	228	1	QFP	0.0025	20	13	75	0.1	A20-04205
NB-20-001	147126	522996.42	5369343.03	91.11	228	229	1	QFP	0.0025	18	189	595	0.1	A20-04205
NB-20-001	147127	522995.76	5369343.03	90.36	229	230	1	QFP	0.0025	25	81	309	0.1	A20-04205
NB-20-001	147128	522995.09	5369343.04	89.61	230	231	1	QFP	0.021	23	77	234	0.2	A20-04205
NB-20-001	147129	522994.43	5369343.04	88.86	231	232	1	QFP	0.0025	51	2030	6210	0.3	A20-04205
NB-20-001	147130	522993.84	5369343.04	88.18	232	232.8	0.8	Grap	0.017	138	2000	1880	1.4	A20-04205
NB-20-001	147131	522993.38	5369343.05	87.66	232.8	233.4	0.6	Flowbx	0.032	56	199	295	2.2	A20-04205
NB-20-001	147133	522993.01	5369343.05	87.25	233.4	233.9	0.5	Grap	0.009	69	306	453	0.5	A20-04205
NB-20-001	147134	522992.48	5369343.06	86.65	233.9	235	1.1	Sed	0.0025	16	78	427	0.3	A20-04205
NB-20-001	147135	522991.79	5369343.06	85.86	235	236	1	Flowbx	0.005	66	686	2330	0.4	A20-04205
NB-20-001	147136	522991.13	5369343.07	85.11	236	237	1	Flowbx	0.0025	87	123	431	0.3	A20-04205
NB-20-001	147137	522990.50	5369343.07	84.40	237	237.89	0.89	Flowbx	0.007	90	45	239	0.3	A20-04205
NB-20-001	147138	522973.24	5369343.29	64.88	263	264	1	Flowbx	0.0025	49	9	112	0.1	A20-04205
NB-20-001	147139	522972.58	5369343.30	64.14	264	265	1	Flowbx	0.0025	60	7	100	0.1	A20-04205
NB-20-001	147140	522971.92	5369343.31	63.39	265	266	1	Flowbx	0.0025	56	1	70	0.1	A20-04205
NB-20-001	147141	522971.25	5369343.32	62.64	266	267	1	Flowbx	0.0025	104	4	85	0.6	A20-04206
NB-20-001	147142	522970.59	5369343.33	61.89	267	268	1	Flowbx	0.0025	99	1	69	0.1	A20-04206
NB-20-001	147143	522969.93	5369343.34	61.14	268	269	1	Flowbx	0.005	81	33	3130	0.4	A20-04206
NB-20-001	147145	522969.26	5369343.35	60.40	269	270	1	Flowbx	0.005	72	13	129	0.1	A20-04206
NB-20-001	147146	522968.60	5369343.37	59.65	270	271	1	Flowbx	0.0025	96	8	100	0.1	A20-04206
NB-20-001	147147	522967.93	5369343.38	58.90	271	272	1	Flowbx	0.0025	81	37	118	0.1	A20-04206
NB-20-001	147148	522967.27	5369343.39	58.15	272	273	1	Flowbx	0.006	124	12	100	0.1	A20-04206
NB-20-001	147149	522966.60	5369343.40	57.41	273	274	1	Flowbx	0.006	102	4	88	0.1	A20-04206
NB-20-001	147150	522965.94	5369343.41	56.66	274	275	1	Flowbx	0.0025	74	3	84	0.1	A20-04206
NB-20-001	147151	522965.28	5369343.43	55.91	275	276	1	Flowbx	0.0025	80	1	85	0.1	A20-04206
NB-20-001	147152	522964.61	5369343.44	55.17	276	277	1	Flowbx	0.005	75	1	86	0.1	A20-04206
NB-20-001	147153	522963.95	5369343.45	54.42	277	278	1	Flowbx	0.0025	62	4	81	0.1	A20-04206
NB-20-001	147154	522963.28	5369343.47	53.67	278	279	1	Flowbx	0.0025	67	1	90	0.1	A20-04206
NB-20-001	147156	522962.62	5369343.48	52.93	279	280	1	Flowbx	0.0025	49	1	80	0.1	A20-04206
NB-20-001	147157	522961.95	5369343.49	52.18	280	281	1	Flowbx	0.0025	74	4	80	0.1	A20-04206
NB-20-001	147158	522961.29	5369343.51	51.43	281	282	1	Flowbx	0.0025	100	18	68	0.1	A20-04206
NB-20-001	147159	522960.62	5369343.52	50.69	282	283	1	Flowbx	0.0025	81	6	86	0.1	A20-04206
NB-20-001	147160	522959.96	5369343.54	49.94	283	284	1	Flowbx	0.0025	67	9	81	0.1	A20-04206
NB-20-001	147161	522959.29	5369343.55	49.19	284	285	1	Flowbx	0.0025	40	4	76	0.1	A20-04206
NB-20-001	147162	522958.63	5369343.57	48.45	285	286	1	Flowbx	0.0025	55	3	95	0.1	A20-04206
NB-20-001	147163	522957.96	5369343.58	47.70	286	287	1	Flowbx	0.0025	70	4	84	0.1	A20-04206
NB-20-001	147164	522957.29	5369343.60	46.96	287	288	1	Flowbx	0.0025	62	1	81	0.1	A20-04206
NB-20-001	147165	522956.63	5369343.61	46.21	288	289	1	Flowbx	0.0025	67	3	83	0.1	A20-04206

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-001	147166	522955.96	5369343.63	45.46	289	290	1	Flowbx	0.0025	69	2	81	0.1	A20-04206
NB-20-001	147167	522955.30	5369343.64	44.72	290	291	1	Flowbx	0.0025	43	1	71	0.1	A20-04206
NB-20-001	147169	522954.63	5369343.66	43.97	291	292	1	Flowbx	0.0025	47	11	140	0.1	A20-04206
NB-20-001	147170	522953.97	5369343.67	43.23	292	293	1	Flowbx	0.0025	90	3	65	0.1	A20-04206
NB-20-001	147171	522953.30	5369343.69	42.48	293	294	1	Flowbx	0.0025	62	1	83	0.1	A20-04206
NB-20-002	147172	523236.30	5369343.47	235.97	33.1	34	0.9	MV	0.0025	31	1	34	0.1	A20-04206
NB-20-002	147173	523235.96	5369343.43	235.08	34	35	1	MV	0.0025	51	4	54	0.1	A20-04206
NB-20-002	147174	523235.61	5369343.39	234.15	35	36	1	MV	0.0025	3	5	48	0.1	A20-04206
NB-20-002	147175	523235.26	5369343.34	233.21	36	37	1	MV	0.0025	7	5	55	0.1	A20-04206
NB-20-002	147176	523234.91	5369343.30	232.28	37	38	1	MV	0.0025	13	1	52	0.1	A20-04353
NB-20-002	147177	523234.55	5369343.26	231.34	38	39	1	MV	0.0025	19	9	63	0.1	A20-04353
NB-20-002	147178	523234.20	5369343.22	230.41	39	40	1	MV	0.0025	1	14	89	0.3	A20-04353
NB-20-002	147179	523233.85	5369343.17	229.47	40	41	1	MV	0.0025	11	8	72	0.1	A20-04353
NB-20-002	147180	523233.51	5369343.13	228.58	41	41.9	0.9	MV	0.0025	12	14	66	0.2	A20-04353
NB-20-002	147182	523233.25	5369343.10	227.88	41.9	42.5	0.6	MV	0.0025	17	7	73	0.1	A20-04353
NB-20-002	147183	523233.05	5369343.08	227.37	42.5	43	0.5	MV	0.0025	63	5	74	0.4	A20-04353
NB-20-002	147184	523232.79	5369343.04	226.67	43	44	1	MV	0.005	87	1	54	0.1	A20-04353
NB-20-002	147185	523229.97	5369342.71	219.19	51	52	1	MV	0.0025	60	1	72	0.1	A20-04353
NB-20-002	147186	523229.61	5369342.67	218.26	52	53	1	MV	0.0025	69	2	68	0.1	A20-04353
NB-20-002	147187	523229.26	5369342.63	217.32	53	54	1	MV	0.0025	30	1	33	0.1	A20-04353
NB-20-002	147188	523228.99	5369342.60	216.62	54	54.5	0.5	MV	0.015	80	1	40	0.3	A20-04353
NB-20-002	147190	523228.73	5369342.57	215.92	54.5	55.5	1	MV	0.013	83	3	45	0.3	A20-04353
NB-20-002	147191	523228.38	5369342.53	214.99	55.5	56.5	1	MV	0.0025	96	1	36	0.3	A20-04353
NB-20-002	147192	523223.94	5369342.06	203.31	68	69	1	MV	0.0025	72	1	33	0.1	A20-04353
NB-20-002	147193	523223.59	5369342.02	202.38	69	70	1	MV	0.0025	63	1	32	0.1	A20-04353
NB-20-002	147194	523212.78	5369341.00	174.09	99.3	100.3	1	MV	0.0025	87	14	43	0.1	A20-04353
NB-20-002	147195	523212.43	5369340.97	173.16	100.3	101.3	1	FI	0.0025	123	24	52	0.1	A20-04353
NB-20-002	147196	523212.13	5369340.95	172.36	101.3	102	0.7	FI	0.0025	84	10	60	0.1	A20-04353
NB-20-002	147197	523211.82	5369340.92	171.57	102	103	1	MV	0.0025	68	14	21	0.1	A20-04353
NB-20-002	147198	523210.83	5369340.84	169.00	105	105.5	0.5	MV	0.0025	84	24	56	0.2	A20-04353
NB-20-002	147199	523210.65	5369340.83	168.54	105.5	106	0.5	MV	0.0025	75	3	41	0.1	A20-04353
NB-20-002	147200	523210.48	5369340.82	168.07	106	106.5	0.5	MV	0.0025	43	3	39	0.1	A20-04353
NB-20-002	147201	523210.30	5369340.80	167.60	106.5	107	0.5	MV	0.0025	38	3	33	0.1	A20-04353
NB-20-002	147202	523210.12	5369340.79	167.14	107	107.5	0.5	MV	0.0025	44	6	29	0.1	A20-04353
NB-20-002	147204	523209.94	5369340.77	166.67	107.5	108	0.5	MV	0.0025	87	2	31	0.1	A20-04353
NB-20-002	147205	523208.20	5369340.64	162.15	112.2	113	0.8	MV	0.0025	87	12	72	0.1	A20-04353
NB-20-002	147206	523207.93	5369340.62	161.45	113	113.7	0.7	MI	0.0025	67	5	54	0.1	A20-04353
NB-20-002	147207	523207.71	5369340.60	160.89	113.7	114.2	0.5	MI	0.008	86	17	72	0.1	A20-04353
NB-20-002	147208	523207.48	5369340.58	160.28	114.2	115	0.8	MI	0.005	84	1	72	0.1	A20-04353
NB-20-002	147209	523207.16	5369340.56	159.44	115	116	1	MI	0.006	96	2	122	0.1	A20-04353
NB-20-002	147210	523206.80	5369340.53	158.51	116	117	1	MI	0.0025	93	1	98	0.1	A20-04353
NB-20-002	147211	523206.44	5369340.50	157.58	117	118	1	MI	0.005	81	15	67	0.1	A20-04354
NB-20-002	147212	523206.09	5369340.48	156.69	118	118.9	0.9	MI	0.005	99	14	91	0.1	A20-04354
NB-20-002	147213	523204.17	5369340.34	151.70	123.6	124	0.4	MV	0.005	70	10	42	0.1	A20-04354
NB-20-002	147214	523203.92	5369340.33	151.05	124	125	1	MV	0.0025	74	1	57	0.1	A20-04354
NB-20-002	147215	523203.56	5369340.30	150.12	125	126	1	MV	0.0025	65	1	34	0.1	A20-04354
NB-20-002	147216	523203.20	5369340.28	149.18	126	127	1	MV	0.0025	55	5	34	0.1	A20-04354
NB-20-002	147217	523202.84	5369340.25	148.25	127	128	1	MV	0.0025	54	1	47	0.1	A20-04354
NB-20-002	147218	523202.48	5369340.23	147.32	128	129	1	MV	0.005	53	2	64	0.1	A20-04354
NB-20-003	147219	523242.98	5369350.96	245.40	23	24	1	MV	0.0025	76	3	76	0.1	A20-04354

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003	147220	523242.75	5369351.23	244.46	24	25	1	MV	0.0025	51	4	65	0.1	A20-04354
NB-20-003	147221	523242.51	5369351.50	243.53	25	26	1	MV	0.0025	17	3	25	0.1	A20-04354
NB-20-003	147223	523242.27	5369351.77	242.60	26	27	1	MV	0.0025	12	1	44	0.1	A20-04354
NB-20-003	147224	523240.86	5369353.35	237.09	32	32.8	0.8	MV	0.0025	39	7	48	0.1	A20-04354
NB-20-003	147225	523240.72	5369353.51	236.53	32.8	33.2	0.4	MI	0.121	96	5	58	0.4	A20-04354
NB-20-003	147226	523240.57	5369353.68	235.97	33.2	34	0.8	MI	0.0025	105	6	72	0.1	A20-04354
NB-20-003	147227	523240.41	5369353.87	235.32	34	34.6	0.6	MI	0.0025	95	1	50	0.1	A20-04354
NB-20-003	147228	523240.29	5369354.00	234.85	34.6	35	0.4	MV	0.0025	65	1	27	0.1	A20-04354
NB-20-003	147229	523240.12	5369354.19	234.20	35	36	1	MV	0.0025	82	3	35	0.1	A20-04354
NB-20-003	147230	523239.88	5369354.46	233.27	36	37	1	MV	0.036	85	5	45	0.1	A20-04354
NB-20-003	147231	523239.64	5369354.73	232.34	37	38	1	MV	0.019	68	3	81	0.1	A20-04354
NB-20-003	147233	523239.40	5369355.00	231.40	38	39	1	MV	0.0025	78	3	39	0.1	A20-04354
NB-20-003	147234	523239.15	5369355.27	230.47	39	40	1	MV	0.0025	68	1	46	0.1	A20-04354
NB-20-003	147235	523238.99	5369355.46	229.84	40	40.35	0.35	MV	0.0025	21	1	54	0.1	A20-04354
NB-20-003	147236	523238.88	5369355.58	229.42	40.35	40.9	0.55	MV	0.0025	112	1	45	0.1	A20-04354
NB-20-003	147237	523238.70	5369355.79	228.70	40.9	41.9	1	MV	0.005	87	1	52	0.1	A20-04354
NB-20-003	147238	523238.47	5369356.05	227.82	41.9	42.8	0.9	MV	0.0025	70	1	16	0.1	A20-04354
NB-20-003	147239	523237.52	5369357.14	224.14	45.9	46.7	0.8	MV	0.0025	77	1	27	0.3	A20-04354
NB-20-003	147241	523237.31	5369357.38	223.30	46.7	47.7	1	MV	0.0025	82	2	43	0.1	A20-04354
NB-20-003	147242	523237.13	5369357.59	222.60	47.7	48.2	0.5	MV	0.0025	56	1	26	0.1	A20-04354
NB-20-003	147243	523237.02	5369357.70	222.21	48.2	48.55	0.35	MV	0.0025	59	1	20	0.1	A20-04354
NB-20-003	147244	523236.86	5369357.89	221.58	48.55	49.55	1	MV	0.0025	57	1	23	0.1	A20-04354
NB-20-003	147245	523234.67	5369360.44	213.07	57.7	58.7	1	MV	0.0025	89	6	51	0.2	A20-04354
NB-20-003	147246	523234.42	5369360.73	212.10	58.7	59.8	1.1	MV	0.0025	82	3	67	0.1	A20-04355
NB-20-003	147247	523234.15	5369361.06	211.03	59.8	61	1.2	MV	0.0025	65	4	79	0.1	A20-04355
NB-20-003	147248	523233.88	5369361.37	209.98	61	62.06	1.06	MV	0.0025	70	1	63	0.1	A20-04355
NB-20-003	147250	523230.08	5369365.91	195.20	77	77.9	0.9	MV	0.0025	56	4	30	0.1	A20-04355
NB-20-003	147251	523229.84	5369366.20	194.27	77.9	79	1.1	QFP	0.011	28	1	55	0.1	A20-04355
NB-20-003	147252	523229.59	5369366.50	193.30	79	80	1	MV	0.0025	69	3	46	0.1	A20-04355
NB-20-003	147253	523223.65	5369373.81	170.14	104	105	1	QFP	0.0025	12	14	57	0.2	A20-04355
NB-20-003	147254	523223.49	5369374.01	169.52	105	105.35	0.35	QFP	0.0025	24	25	63	0.2	A20-04355
NB-20-003	147255	523223.36	5369374.18	169.01	105.35	106.1	0.75	MI	0.006	101	12	90	0.1	A20-04355
NB-20-003	147256	523223.27	5369374.29	168.66	106.1	106.1	0	MI	0.0025	60	3	57	0.1	A20-04355
NB-20-003	147257	523221.98	5369375.88	163.67	111	112	1	MV	0.0025	71	97	54	1.1	A20-04355
NB-20-003	147258	523221.74	5369376.18	162.74	112	113	1	MV	0.0025	81	69	65	0.9	A20-04355
NB-20-003	147259	523220.27	5369378.01	157.01	118.4	119	0.6	MV	0.0025	69	7	39	0.1	A20-04355
NB-20-003	147261	523220.08	5369378.25	156.27	119	120	1	MV	0.0025	64	34	163	0.2	A20-04355
NB-20-003	147262	523219.84	5369378.55	155.34	120	121	1	MV	0.0025	59	1	48	0.1	A20-04355
NB-20-003	147263	523219.60	5369378.85	154.42	121	122	1	MV	0.0025	76	8	56	0.3	A20-04355
NB-20-003	147264	523219.36	5369379.14	153.49	122	123	1	MV	0.0025	80	5	51	0.1	A20-04355
NB-20-003	147265	523218.41	5369380.34	149.80	126	127	1	MV	0.0025	74	26	36	0.2	A20-04355
NB-20-003	147266	523218.17	5369380.63	148.87	127	128	1	MV	0.0025	67	9	49	0.1	A20-04355
NB-20-003	147267	523217.94	5369380.93	147.95	128	129	1	MV	0.0025	73	6	56	0.1	A20-04355
NB-20-003	147268	523217.70	5369381.23	147.02	129	130	1	MV	0.0025	69	3	47	0.1	A20-04355
NB-20-003	147269	523217.46	5369381.53	146.10	130	131	1	MV	0.0025	89	8	43	0.1	A20-04355
NB-20-003	147270	523217.22	5369381.83	145.18	131	132	1	MV	0.0025	83	4	55	0.1	A20-04355
NB-20-003	147272	523215.08	5369384.52	136.86	140	141	1	MV	0.0025	64	2	35	0.1	A20-04355
NB-20-003	147273	523214.84	5369384.82	135.94	141	142	1	MV	0.0025	61	3	35	0.1	A20-04355
NB-20-003	147274	523214.60	5369385.13	135.02	142	143	1	MV	0.013	79	4	34	0.1	A20-04355
NB-20-003	147275	523214.36	5369385.43	134.09	143	144	1	MV	0.0025	69	7	43	0.1	A20-04355

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003	147276	523214.12	5369385.73	133.17	144	145	1	MV	0.0025	54	3	40	0.1	A20-04355
NB-20-003	147277	523213.88	5369386.03	132.25	145	146	1	MV	0.0025	59	3	45	0.1	A20-04355
NB-20-003	147278	523213.64	5369386.33	131.32	146	147	1	MV	0.0025	50	4	36	0.1	A20-04355
NB-20-003	147279	523211.73	5369388.75	123.94	154	155	1	MV	0.0025	62	1	43	0.1	A20-04355
NB-20-003	147280	523211.49	5369389.05	123.02	155	156	1	MV	0.0025	54	1	54	0.1	A20-04355
NB-20-003	147281	523211.25	5369389.35	122.10	156	157	1	MV	0.0025	47	8	46	0.1	A20-04356
NB-20-003	147282	523210.04	5369390.87	117.49	161	162	1	MV	0.005	46	1	65	0.1	A20-04356
NB-20-003	147283	523209.86	5369391.10	116.80	162	162.5	0.5	MV	0.0025	22	8	60	0.1	A20-04356
NB-20-003	147284	523209.74	5369391.25	116.33	162.5	163	0.5	MV	0.0025	47	4	73	0.1	A20-04356
NB-20-003	147285	523208.14	5369393.28	110.21	169	169.8	0.8	MV	0.007	55	1	58	0.1	A20-04356
NB-20-003	147287	523207.99	5369393.48	109.61	169.8	170.3	0.5	QFP	0.0025	9	1	50	0.1	A20-04356
NB-20-003	147288	523207.84	5369393.66	109.06	170.3	171	0.7	QFP	0.032	6	4	51	0.1	A20-04356
NB-20-003	147289	523207.70	5369393.84	108.50	171	171.5	0.5	QFP	0.007	4	5	41	0.1	A20-04356
NB-20-003	147290	523207.58	5369394.00	108.04	171.5	172	0.5	QFP	0.026	5	7	38	0.1	A20-04356
NB-20-003	147291	523207.45	5369394.15	107.58	172	172.5	0.5	QFP	0.0025	2	3	40	0.1	A20-04356
NB-20-003	147292	523207.33	5369394.30	107.12	172.5	173	0.5	QFP	0.016	5	19	57	0.1	A20-04356
NB-20-003	147293	523207.18	5369394.50	106.52	173	173.8	0.8	QFP	0.058	13	5	46	0.1	A20-04356
NB-20-003	147294	523207.02	5369394.70	105.92	173.8	174.3	0.5	QFP	0.013	13	3	38	0.1	A20-04356
NB-20-003	147295	523206.88	5369394.88	105.37	174.3	175	0.7	MV	0.0025	48	6	60	0.1	A20-04356
NB-20-003	147296	523205.46	5369396.68	99.99	180	181	1	MV	0.0025	65	8	50	0.2	A20-04356
NB-20-003	147297	523205.22	5369396.99	99.07	181	182	1	MV	0.0025	50	1	57	0.1	A20-04356
NB-20-003	147298	523204.98	5369397.29	98.15	182	183	1	MV	0.0025	55	3	56	0.1	A20-04356
NB-20-003	147299	523204.73	5369397.60	97.23	183	184	1	MV	0.0025	56	3	60	0.1	A20-04356
NB-20-003	147300	523201.89	5369401.24	86.42	195	195.5	0.5	MV	0.0025	48	1	60	0.1	A20-04356
NB-20-003	147301	523201.77	5369401.39	85.96	195.5	196	0.5	MV	0.0025	50	3	44	0.1	A20-04356
NB-20-003	147302	523201.65	5369401.55	85.50	196	196.5	0.5	MV	0.0025	47	6	53	0.1	A20-04356
NB-20-003	147303	523201.53	5369401.70	85.04	196.5	197	0.5	MV	0.0025	42	1	52	0.1	A20-04356
NB-20-003	147304	523201.41	5369401.86	84.58	197	197.5	0.5	MV	0.0025	61	5	40	0.1	A20-04356
NB-20-003	147305	523201.28	5369402.01	84.13	197.5	198	0.5	MV	0.0025	61	1	59	0.1	A20-04356
NB-20-003	147306	523201.10	5369402.25	83.44	198	199	1	MV	0.0025	47	1	71	0.1	A20-04356
NB-20-003	147307	523194.18	5369411.38	57.02	227	227.6	0.6	MV	0.0025	29	9	48	0.1	A20-04356
NB-20-003	147308	523194.03	5369411.57	56.47	227.6	228.2	0.6	FP	0.0025	52	3	50	0.1	A20-04356
NB-20-003	147309	523193.87	5369411.80	55.83	228.2	229	0.8	MVpil	0.0025	60	4	72	0.1	A20-04356
NB-20-003	147311	523193.65	5369412.09	55.00	229	230	1	MVpil	0.0025	64	1	63	0.1	A20-04356
NB-20-003	147312	523192.93	5369413.06	52.26	232	233	1	MVpil	0.0025	62	6	47	0.1	A20-04356
NB-20-003	147313	523192.75	5369413.30	51.57	233	233.5	0.5	MVpil	0.0025	45	1	55	0.1	A20-04356
NB-20-003	147314	523192.62	5369413.48	51.04	233.5	234.15	0.65	MVpil	0.0025	54	5	47	0.1	A20-04356
NB-20-003	147315	523192.48	5369413.67	50.52	234.15	234.65	0.5	FV	0.008	64	8	32	0.1	A20-04356
NB-20-003	147316	523192.38	5369413.81	50.13	234.65	235	0.35	MVpil	0.0025	73	3	82	0.1	A20-04357
NB-20-003	147317	523192.22	5369414.03	49.51	235	236	1	MVpil	0.0025	62	1	59	0.1	A20-04357
NB-20-003	147318	523189.83	5369417.28	40.36	245	246	1	MVpil	0.013	57	3	68	0.1	A20-04357
NB-20-003	147319	523189.64	5369417.55	39.63	246	246.6	0.6	MVpil	0.0025	52	1	59	0.1	A20-04357
NB-20-003	147320	523189.52	5369417.71	39.18	246.6	247	0.4	FP	0.0025	16	7	58	0.1	A20-04357
NB-20-003	147321	523188.69	5369418.84	36.02	250	250.5	0.5	FP	0.0025	8	4	29	0.1	A20-04357
NB-20-003	147323	523188.57	5369419.00	35.56	250.5	251	0.5	FP	0.0025	8	1	38	0.1	A20-04357
NB-20-003	147324	523188.40	5369419.25	34.88	251	252	1	FP	0.015	25	1	46	0.1	A20-04357
NB-20-003	147325	523188.16	5369419.57	33.96	252	253	1	FP	0.039	48	1	45	0.1	A20-04357
NB-20-003	147326	523187.92	5369419.90	33.05	253	254	1	FP	0.011	20	2	39	0.1	A20-04357
NB-20-003	147327	523184.60	5369424.47	20.35	267	267.8	0.8	FP	0.04	24	2	38	0.1	A20-04357
NB-20-003	147328	523184.44	5369424.69	19.76	267.8	268.3	0.5	FP	0.084	22	3	33	0.1	A20-04357

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003	147329	523184.30	5369424.88	19.21	268.3	269	0.7	FP	0.039	27	1	40	0.1	A20-04357
NB-20-003	147330	523184.10	5369425.16	18.43	269	270	1	FP	0.012	17	1	46	0.1	A20-04357
NB-20-003	147331	523183.86	5369425.50	17.52	270	271	1	FP	0.013	20	1	41	0.1	A20-04357
NB-20-003	147332	523183.62	5369425.83	16.61	271	272	1	FP	0.005	40	17	55	0.1	A20-04357
NB-20-003	147333	523183.44	5369426.07	15.92	272	272.5	0.5	FP	0.005	35	15	77	0.1	A20-04357
NB-20-003	147334	523183.31	5369426.26	15.42	272.5	273.1	0.6	FP	0.0025	41	6	103	0.1	A20-04357
NB-20-003	147335	523183.13	5369426.50	14.73	273.1	274	0.9	Grap	0.01	62	19	147	0.1	A20-04357
NB-20-003	147336	523182.90	5369426.82	13.87	274	275	1	Grap	0.0025	88	37	407	0.1	A20-04357
NB-20-003	147337	523182.66	5369427.15	12.96	275	276	1	Grap	0.0025	63	37	270	0.1	A20-04357
NB-20-003	147338	523182.42	5369427.48	12.04	276	277	1	Grap	0.0025	63	50	258	0.1	A20-04357
NB-20-003	147339	523182.18	5369427.81	11.13	277	278	1	Grap	0.0025	53	219	184	0.1	A20-04357
NB-20-003	147341	523181.95	5369428.14	10.22	278	279	1	Grap	0.008	34	922	581	0.4	A20-04357
NB-20-003	147342	523181.71	5369428.48	9.30	279	280	1	Grap	0.016	62	2480	539	0.6	A20-04357
NB-20-003	147343	523181.47	5369428.81	8.39	280	281	1	FP	0.0025	74	330	213	0.2	A20-04357
NB-20-003	147344	523181.23	5369429.14	7.48	281	282	1	FP	0.0025	43	181	136	0.3	A20-04357
NB-20-003	147345	523180.99	5369429.47	6.57	282	283	1	FP	0.0025	35	95	113	0.1	A20-04357
NB-20-003	147346	523180.75	5369429.80	5.65	283	284	1	FP	0.007	31	169	32	0.3	A20-04357
NB-20-003	147347	523180.51	5369430.14	4.74	284	285	1	FP	0.035	84	378	35	0.1	A20-04357
NB-20-003	147348	523180.27	5369430.47	3.83	285	286	1	FP	0.045	72	225	60	0.1	A20-04357
NB-20-003	147349	523180.03	5369430.80	2.92	286	287	1	FP	0.01	36	511	57	0.1	A20-04357
NB-20-003	147350	523179.80	5369431.13	2.01	287	288	1	FP	0.0025	52	643	107	1.2	A20-04357
NB-20-003	147351	523179.56	5369431.47	1.09	288	289	1	FP	0.008	51	184	276	0.3	A20-04489
NB-20-003	147352	523179.38	5369431.72	0.41	289	289.5	0.5	FP	0.0025	70	247	624	0.3	A20-04489
NB-20-003	147353	523179.25	5369431.90	-0.09	289.5	290.1	0.6	FP	0.0025	95	134	136	0.4	A20-04489
NB-20-003	147354	523179.07	5369432.15	-0.78	290.1	291	0.9	Grap	0.042	679	1400	8000	2.4	A20-04489
NB-20-003	147355	523178.89	5369432.40	-1.46	291	291.6	0.6	Grap	0.055	679	1130	10900	2.6	A20-04489
NB-20-003	147356	523178.70	5369432.67	-2.19	291.6	292.6	1	FP	0.025	67	808	4130	1.1	A20-04489
NB-20-003	147357	523178.53	5369432.90	-2.83	292.6	293	0.4	Grap	0.043	418	5800	5920	2.7	A20-04489
NB-20-003	147358	523178.36	5369433.14	-3.47	293	294	1	Grap	0.057	1470	13000	8200	4.6	A20-04489
NB-20-003	147359	523178.12	5369433.47	-4.38	294	295	1	Grap	0.052	339	28800	1600	3.9	A20-04489
NB-20-003	147360	523177.88	5369433.80	-5.29	295	296	1	Grap	0.072	465	12300	3900	3.7	A20-04489
NB-20-003	147361	523177.65	5369434.14	-6.20	296	297	1	Grap	0.067	391	8000	3800	3.5	A20-04489
NB-20-003	147362	523177.41	5369434.47	-7.11	297	298	1	Grap	0.06	278	9800	2100	3.4	A20-04489
NB-20-003	147363	523177.17	5369434.81	-8.02	298	299	1	MV	0.023	195	2030	5310	1.2	A20-04489
NB-20-003A	147364	523238.88	5369353.04	233.83	35.5	36.2	0.7	MV	0.0025	60	406	1100	0.2	A20-04489
NB-20-003A	147365	523238.68	5369353.22	233.13	36.2	37	0.8	II	0.005	64	3	62	0.1	A20-04489
NB-20-003A	147366	523237.92	5369353.92	230.42	39	40	1	MV	0.0025	53	3	36	0.1	A20-04489
NB-20-003A	147367	523237.65	5369354.16	229.49	40	41	1	MV	0.006	64	5	59	0.1	A20-04489
NB-20-003A	147368	523231.66	5369359.69	208.26	63	63.47	0.47	MV	0.0025	96	3	35	0.1	A20-04489
NB-20-003A	147369	523231.55	5369359.79	207.89	63.47	63.8	0.33	II	0.0025	74	7	54	0.1	A20-04489
NB-20-003A	147370	523231.46	5369359.88	207.55	63.8	64.2	0.4	MV	0.0025	62	6	48	0.1	A20-04489
NB-20-003A	147371	523231.30	5369360.02	206.99	64.2	65	0.8	MV	0.0025	74	5	53	0.1	A20-04489
NB-20-003A	147372	523231.06	5369360.24	206.15	65	66	1	MV	0.0025	72	1	55	0.1	A20-04489
NB-20-003A	147373	523230.03	5369361.20	202.51	68.9	69.9	1	II	0.007	77	2	68	0.1	A20-04489
NB-20-003A	147374	523229.77	5369361.45	201.58	69.9	70.9	1	MV	0.005	76	1	67	0.1	A20-04489
NB-20-003A	147376	523227.15	5369363.89	192.35	80	80.6	0.6	MV	0.0025	69	1	29	0.1	A20-04489
NB-20-003A	147377	523227.01	5369364.01	191.89	80.6	81	0.4	MV	0.0025	83	3	31	0.3	A20-04489
NB-20-003A	147378	523226.84	5369364.17	191.28	81	81.9	0.9	MV	0.0025	68	1	36	0.1	A20-04489
NB-20-003A	147379	523226.67	5369364.33	190.67	81.9	82.3	0.4	MV	0.0025	80	1	92	0.1	A20-04489
NB-20-003A	147380	523226.52	5369364.47	190.16	82.3	83	0.7	MV	0.0025	64	1	32	0.1	A20-04489

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003A	147381	523226.30	5369364.68	189.37	83	84	1	MV	0.0025	72	2	29	0.1	A20-04489
NB-20-003A	147382	523226.05	5369364.91	188.48	84	84.9	0.9	MV	0.0025	48	1	47	0.1	A20-04489
NB-20-003A	147383	523225.87	5369365.08	187.88	84.9	85.3	0.4	FP	0.082	36	9	31	1.2	A20-04489
NB-20-003A	147384	523224.44	5369366.42	182.85	90	91	1	MV	0.016	58	1	64	0.1	A20-04489
NB-20-003A	147385	523224.18	5369366.66	181.92	91	92	1	MV	0.0025	65	3	46	0.1	A20-04489
NB-20-003A	147387	523223.91	5369366.91	180.98	92	93	1	MV	0.0025	60	6	34	0.1	A20-04489
NB-20-003A	147388	523223.65	5369367.16	180.05	93	94	1	MV	0.0025	82	10	36	0.1	A20-04489
NB-20-003A	147389	523223.38	5369367.41	179.12	94	95	1	MV	0.0025	75	6	47	0.1	A20-04489
NB-20-003A	147390	523223.12	5369367.66	178.19	95	96	1	MV	0.0025	86	5	48	0.1	A20-04489
NB-20-003A	147391	523220.81	5369369.84	170.11	104	104.37	0.37	MV	0.0025	54	1	65	0.1	A20-04489
NB-20-003A	147392	523220.68	5369369.96	169.64	104.37	105	0.63	FP	0.0025	17	14	54	0.1	A20-04489
NB-20-003A	147393	523218.93	5369371.62	163.53	111	111.5	0.5	FP	0.0025	32	24	57	0.1	A20-04489
NB-20-003A	147394	523218.80	5369371.75	163.07	111.5	112	0.5	MV	0.0025	88	10	37	0.1	A20-04489
NB-20-003A	147395	523218.60	5369371.94	162.37	112	113	1	FP	0.202	96	28	86	0.5	A20-04489
NB-20-003A	147396	523203.43	5369386.62	109.35	169	170.15	1.15	MV	0.028	47	2	59	0.1	A20-04489
NB-20-003A	147397	523203.21	5369386.84	108.56	170.15	170.7	0.55	MV	0.0025	38	6	64	0.1	A20-04489
NB-20-003A	147398	523203.01	5369387.04	107.84	170.7	171.7	1	MV	0.0025	50	4	65	0.1	A20-04489
NB-20-003A	147399	523201.33	5369388.70	101.94	177	178.1	1.1	MV	0.0025	46	1	60	0.1	A20-04489
NB-20-003A	147400	523201.05	5369388.98	100.97	178.1	179.1	1	QFP	0.0025	9	7	37	0.1	A20-04489
NB-20-003A	147401	523200.79	5369389.24	100.04	179.1	180.1	1	QFP	0.005	4	4	41	0.1	A20-04489
NB-20-003A	147402	523200.53	5369389.50	99.11	180.1	181.1	1	QFP	0.0025	6	3	40	0.1	A20-04489
NB-20-003A	147404	523200.27	5369389.76	98.18	181.1	182.1	1	MV	0.013	40	1	62	0.1	A20-04489
NB-20-003A	147405	523200.00	5369390.03	97.25	182.1	183.1	1	MV	0.0025	48	1	48	0.1	A20-04489
NB-20-003A	147406	523187.89	5369404.01	55.27	228	229	1	MV	0.0025	58	1	56	0.1	A20-04489
NB-20-003A	147407	523187.63	5369404.33	54.36	229	230	1	MV	0.0025	55	1	39	0.1	A20-04489
NB-20-003A	147408	523187.40	5369404.60	53.59	230	230.7	0.7	MV	0.0025	74	1	54	0.1	A20-04489
NB-20-003A	147409	523187.23	5369404.80	53.02	230.7	231.25	0.55	MV	0.006	112	1	92	0.1	A20-04489
NB-20-003A	147410	523187.03	5369405.04	52.34	231.25	232.2	0.95	MV	0.005	71	1	43	0.1	A20-04489
NB-20-003A	147412	523186.75	5369405.39	51.36	232.2	233.4	1.2	MV	0.006	58	1	60	0.1	A20-04489
NB-20-003A	147413	523186.51	5369405.68	50.55	233.4	234	0.6	MV	0.0025	83	1	63	0.1	A20-04489
NB-20-003A	147414	523186.29	5369405.94	49.82	234	235	1	MV	0.0025	68	1	58	0.1	A20-04489
NB-20-003A	147415	523186.08	5369406.19	49.09	235	235.6	0.6	MV	0.0025	41	1	47	0.1	A20-04489
NB-20-003A	147416	523185.89	5369406.42	48.46	235.6	236.4	0.8	QFP	0.0025	36	7	56	0.1	A20-04489
NB-20-003A	147417	523185.67	5369406.68	47.71	236.4	237.25	0.85	QFP	0.0025	36	8	51	0.1	A20-04489
NB-20-003A	147418	523185.46	5369406.94	46.98	237.25	238	0.75	MV	0.0025	34	1	54	0.1	A20-04489
NB-20-003A	147419	523185.23	5369407.22	46.19	238	239	1	MV	0.0025	82	5	66	0.1	A20-04489
NB-20-003A	147420	523184.96	5369407.54	45.28	239	240	1	MV	0.0025	48	1	64	0.1	A20-04489
NB-20-003A	147421	523184.69	5369407.87	44.37	240	241	1	MV	0.0025	58	1	51	0.1	A20-04489
NB-20-003A	147422	523184.42	5369408.19	43.46	241	242	1	MV	0.0025	60	3	57	0.1	A20-04489
NB-20-003A	147423	523184.16	5369408.51	42.55	242	243	1	MV	0.006	63	1	57	0.1	A20-04489
NB-20-003A	147424	523183.97	5369408.74	41.92	243	243.4	0.4	QFP	0.014	31	35	39	0.5	A20-04489
NB-20-003A	147426	523183.83	5369408.90	41.47	243.4	244	0.6	MV	0.0025	14	1	36	0.1	A20-04489
NB-20-003A	147427	523183.62	5369409.16	40.74	244	245	1	QFP	0.006	23	17	36	0.1	A20-04489
NB-20-003A	147428	523183.35	5369409.48	39.83	245	246	1	QFP	0.0025	21	19	38	0.1	A20-04489
NB-20-003A	147429	523179.39	5369414.30	26.47	259.8	260.7	0.9	QFP	0.079	13	1	31	0.1	A20-04489
NB-20-003A	147430	523179.13	5369414.61	25.61	260.7	261.7	1	QFP	0.009	15	1	31	0.1	A20-04489
NB-20-003A	147431	523178.86	5369414.95	24.70	261.7	262.7	1	QFP	0.035	12	7	27	0.1	A20-04489
NB-20-003A	147432	523178.62	5369415.24	23.89	262.7	263.5	0.8	QFP	0.015	24	1	39	0.1	A20-04489
NB-20-003A	147434	523178.38	5369415.54	23.08	263.5	264.5	1	QFP	0.047	46	1	40	0.1	A20-04489
NB-20-003A	147435	523178.11	5369415.87	22.17	264.5	265.5	1	QFP	0.076	34	1	36	0.4	A20-04489

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003A	147436	523177.84	5369416.20	21.27	265.5	266.5	1	QFP	0.007	24	1	37	0.1	A20-04489
NB-20-003A	147437	523177.57	5369416.54	20.36	266.5	267.5	1	QFP	0.009	11	1	34	0.1	A20-04489
NB-20-003A	147438	523177.27	5369416.90	19.37	267.5	268.7	1.2	QFP	0.015	34	1	33	0.1	A20-04489
NB-20-003A	147439	523176.98	5369417.27	18.38	268.7	269.7	1	QFP	0.006	43	9	76	0.1	A20-04489
NB-20-003A	147440	523176.74	5369417.57	17.56	269.7	270.5	0.8	QFP	0.009	37	5	76	0.1	A20-04489
NB-20-003A	147441	523176.56	5369417.79	16.98	270.5	271	0.5	FV	0.005	60	13	171	0.1	A20-04489
NB-20-003A	147442	523176.36	5369418.04	16.30	271	272	1	FV	0.006	13	122	213	0.1	A20-04489
NB-20-003A	147443	523176.16	5369418.29	15.62	272	272.5	0.5	FV	0.0025	15	41	140	0.1	A20-04489
NB-20-003A	147445	523176.02	5369418.47	15.15	272.5	273.04	0.54	FV	0.005	27	5	76	0.1	A20-04489
NB-20-003A	147446	523175.88	5369418.63	14.70	273.04	273.5	0.46	MV	0.0025	37	23	137	0.2	A20-04489
NB-20-003A	147447	523175.75	5369418.79	14.27	273.5	274	0.5	MV	0.005	29	24	101	0.1	A20-04489
NB-20-003A	147448	523175.62	5369418.96	13.82	274	274.5	0.5	MV	0.0025	39	15	77	0.1	A20-04489
NB-20-003A	147449	523175.48	5369419.13	13.37	274.5	275	0.5	Grap	0.006	36	20	142	0.1	A20-04489
NB-20-003A	147450	523175.28	5369419.38	12.69	275	276	1	Grap	0.0025	28	20	97	0.1	A20-04489
NB-20-003A	147451	523175.01	5369419.72	11.79	276	277	1	II	0.0025	37	17	78	0.1	A20-04489
NB-20-003A	147452	523174.74	5369420.06	10.89	277	278	1	II	0.0025	86	59	277	0.1	A20-04489
NB-20-003A	147453	523174.48	5369420.38	10.03	278	278.9	0.9	II	0.0025	91	235	244	0.1	A20-04489
NB-20-003A	147454	523173.66	5369421.41	7.28	281	282	1	FP	0.012	92	2490	2470	1.9	A20-04489
NB-20-003A	147456	523173.39	5369421.75	6.38	282	283	1	FP	0.0025	21	73	95	0.1	A20-04489
NB-20-003A	147457	523173.18	5369422.00	5.70	283	283.5	0.5	FP	0.0025	16	61	116	0.1	A20-04489
NB-20-003A	147458	523173.05	5369422.17	5.25	283.5	284	0.5	FP	0.006	11	15	38	0.1	A20-04489
NB-20-003A	147459	523172.91	5369422.34	4.80	284	284.5	0.5	FP	0.0025	21	290	52	0.1	A20-04489
NB-20-003A	147460	523172.78	5369422.51	4.35	284.5	285	0.5	FP	0.006	64	4900	200	0.8	A20-04489
NB-20-003A	147461	523172.58	5369422.76	3.68	285	286	1	FP	0.012	75	1910	1430	0.8	A20-04489
NB-20-003A	147462	523172.31	5369423.10	2.78	286	287	1	FP	0.0025	50	1170	1330	0.6	A20-04489
NB-20-003A	147463	523172.03	5369423.44	1.88	287	288	1	FP	0.0025	42	578	942	0.1	A20-04489
NB-20-003A	147464	523171.83	5369423.70	1.20	288	288.5	0.5	MValt	0.007	2530	23600	51700	6.1	A20-04489
NB-20-003A	147465	523171.70	5369423.87	0.75	288.5	289	0.5	MValt	0.0025	74	410	786	0.3	A20-04489
NB-20-003A	147467	523171.49	5369424.12	0.07	289	290	1	MValt	0.0025	67	234	299	0.1	A20-04489
NB-20-003A	147468	523171.29	5369424.38	-0.60	290	290.5	0.5	MValt	0.0025	58	525	473	0.1	A20-04489
NB-20-003A	147469	523171.15	5369424.55	-1.05	290.5	291	0.5	MValt	0.013	103	4010	2950	0.5	A20-04489
NB-20-003A	147470	523171.02	5369424.72	-1.50	291	291.5	0.5	MValt	0.031	144	1800	3380	0.8	A20-04489
NB-20-003A	147471	523170.88	5369424.89	-1.95	291.5	292	0.5	MValt	0.037	170	2280	6470	1.3	A20-04489
NB-20-003A	147472	523170.75	5369425.06	-2.40	292	292.5	0.5	MValt	0.0025	88	1840	2140	0.4	A20-04489
NB-20-003A	147473	523170.61	5369425.23	-2.85	292.5	293	0.5	MValt	0.0025	109	1600	3430	0.4	A20-04489
NB-20-003A	147474	523170.48	5369425.40	-3.30	293	293.5	0.5	MValt	0.0025	209	2400	2440	0.5	A20-04489
NB-20-003A	147475	523170.34	5369425.57	-3.75	293.5	294	0.5	MValt	0.0025	307	5300	491	0.7	A20-04489
NB-20-003A	147477	523170.23	5369425.70	-4.11	294	294.3	0.3	MValt	0.033	910	25200	22500	7.7	A20-04489
NB-20-003A	147478	523170.12	5369425.85	-4.50	294.3	294.85	0.55	QV	0.016	1540	68700	16700	10.1	A20-04489
NB-20-003A	147479	523170.00	5369426.00	-4.90	294.85	295.2	0.35	MValt	0.028	4690	23800	36100	11.1	A20-04489
NB-20-003A	147480	523169.91	5369426.11	-5.19	295.2	295.5	0.3	MValt	0.049	16700	95700	79500	38.3	A20-04489
NB-20-003A	147481	523169.80	5369426.25	-5.55	295.5	296	0.5	MValt	0.026	322	6400	4320	2.4	A20-04489
NB-20-003A	147482	523169.67	5369426.42	-6.00	296	296.5	0.5	MValt	0.024	1870	27000	35700	12.1	A20-04489
NB-20-003A	147483	523169.53	5369426.59	-6.45	296.5	297	0.5	MValt	0.006	743	9900	8500	2.3	A20-04489
NB-20-003A	147484	523169.42	5369426.73	-6.83	297	297.33	0.33	MValt	0.005	361	6200	4080	2.8	A20-04489
NB-20-003A	147485	523169.31	5369426.87	-7.19	297.33	297.8	0.47	QV	0.018	130	9600	750	2.6	A20-04489
NB-20-003A	147486	523169.19	5369427.01	-7.57	297.8	298.17	0.37	QV	0.021	845	80600	1370	5	A20-04489
NB-20-003A	147487	523169.10	5369427.13	-7.88	298.17	298.5	0.33	MValt	0.02	424	24400	17900	2.1	A20-04489
NB-20-003A	147488	523168.99	5369427.27	-8.25	298.5	299	0.5	MValt	0.024	282	9100	8900	1.3	A20-04489
NB-20-003A	147489	523168.85	5369427.44	-8.70	299	299.5	0.5	MValt	0.013	216	3450	9100	1	A20-04489

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003A	147491	523168.72	5369427.61	-9.15	299.5	300	0.5	MValt	0.0025	95	750	1540	0.2	A20-04489
NB-20-003A	147492	523168.56	5369427.81	-9.68	300	300.66	0.66	MValt	0.006	162	1030	390	0.1	A20-04489
NB-20-003A	147493	523168.42	5369427.98	-10.13	300.66	301	0.34	MV	0.0025	80	33	111	0.1	A20-04489
NB-20-003A	147494	523168.24	5369428.21	-10.73	301	302	1	MV	0.149	93	20	113	0.1	A20-04489
NB-20-003A	147495	523167.97	5369428.55	-11.63	302	303	1	MV	0.0025	115	10	70	0.1	A20-04489
NB-20-003A	147496	523167.70	5369428.90	-12.53	303	304	1	MV	0.006	99	54	160	0.1	A20-04489
NB-20-003A	147498	523167.43	5369429.24	-13.43	304	305	1	MV	0.008	89	3	62	0.1	A20-04489
NB-20-003A	147499	523167.16	5369429.58	-14.33	305	306	1	MV	0.006	105	3	67	0.1	A20-04489
NB-20-003A	147500	523166.89	5369429.93	-15.22	306	307	1	MV	0.0025	133	75	194	0.2	A20-04489
NB-20-003A	147501	523166.61	5369430.27	-16.12	307	308	1	MV	0.0025	96	7	68	0.1	A20-04489
NB-20-003A	147502	523166.34	5369430.61	-17.02	308	309	1	MV	0.005	110	67	167	0.4	A20-04489
NB-20-003A	147503	523166.07	5369430.96	-17.92	309	310	1	MV	0.008	112	18	123	0.1	A20-04489
NB-20-003A	147504	523165.80	5369431.30	-18.82	310	311	1	MV	0.0025	108	2	67	0.1	A20-04489
NB-20-003A	147505	523165.53	5369431.64	-19.72	311	312	1	MV	0.0025	101	3	64	0.1	A20-04489
NB-20-003A	147506	523165.26	5369431.99	-20.62	312	313	1	MV	0.01	121	3	66	0.3	A20-04489
NB-20-003A	147507	523164.98	5369432.33	-21.52	313	314	1	MV	0.006	98	18	108	0.3	A20-04489
NB-20-003A	147509	523164.71	5369432.68	-22.42	314	315	1	MV	0.0025	145	3	78	0.2	A20-04489
NB-20-003A	147510	523164.44	5369433.02	-23.31	315	316	1	MV	0.0025	97	33	99	0.2	A20-04489
NB-20-003A	147511	523164.17	5369433.37	-24.21	316	317	1	MV	0.007	94	38	114	0.5	A20-04489
NB-20-003A	147512	523163.90	5369433.71	-25.11	317	318	1	MV	0.0025	86	1	64	0.3	A20-04489
NB-20-003A	147513	523163.63	5369434.06	-26.01	318	319	1	MV	0.0025	61	181	539	0.3	A20-04489
NB-20-003A	147514	523161.24	5369437.09	-33.86	327	327.5	0.5	MV	0.0025	96	1	67	0.1	A20-04489
NB-20-003A	147515	523161.11	5369437.26	-34.31	327.5	328	0.5	MV	0.0025	77	1	71	0.1	A20-04489
NB-20-003A	147516	523160.90	5369437.52	-34.98	328	329	1	MV	0.0025	99	1	45	0.1	A20-04489
NB-20-003A	147517	523158.46	5369440.66	-43.06	337	338	1	MV	0.01	143	1	66	0.1	A20-04489
NB-20-003A	147518	523158.26	5369440.93	-43.73	338	338.5	0.5	MV	0.005	115	1	38	0.1	A20-04489
NB-20-003A	147519	523158.12	5369441.10	-44.18	338.5	339	0.5	MV	0.0025	119	1	41	0.1	A20-04489
NB-20-003A	147520	523157.92	5369441.37	-44.85	339	340	1	MV	0.0025	121	1	41	0.1	A20-04489
NB-20-003A	147521	523157.72	5369441.63	-45.52	340	340.5	0.5	MV	0.0025	126	1	47	0.1	A20-04489
NB-20-003A	147523	523157.58	5369441.81	-45.97	340.5	341	0.5	MV	0.01	121	1	47	0.1	A20-04489
NB-20-003A	147524	523156.09	5369443.75	-50.89	346	346.5	0.5	MV	0.0025	115	1	30	0.1	A20-04489
NB-20-003A	147525	523155.96	5369443.92	-51.34	346.5	347	0.5	MV	0.0025	129	1	33	0.1	A20-04489
NB-20-003A	147526	523152.60	5369448.38	-62.52	359	359.5	0.5	MV	0.006	95	1	47	0.1	A20-04775
NB-20-003A	147527	523152.45	5369448.58	-63.01	359.5	360.1	0.6	MV	0.005	90	1	53	0.1	A20-04775
NB-20-003A	147528	523152.29	5369448.79	-63.54	360.1	360.67	0.57	MValt	0.01	63	8	67	0.2	A20-04775
NB-20-003A	147529	523152.14	5369449.00	-64.06	360.67	361.27	0.6	MValt	0.006	52	3	96	0.1	A20-04775
NB-20-003A	147530	523151.96	5369449.24	-64.65	361.27	362	0.73	MValt	0.006	71	5	98	0.1	A20-04775
NB-20-003A	147531	523151.73	5369449.55	-65.43	362	363	1	MValt	0.015	80	31	144	0.3	A20-04775
NB-20-003A	147533	523151.46	5369449.91	-66.32	363	364	1	MValt	0.006	53	11	162	0.1	A20-04775
NB-20-003A	147534	523151.24	5369450.20	-67.04	364	364.6	0.6	MValt	0.006	13	6	81	0.1	A20-04775
NB-20-003A	147535	523151.11	5369450.38	-67.48	364.6	365	0.4	Flowbx	0.005	10	1	61	0.1	A20-04775
NB-20-003A	147536	523150.92	5369450.63	-68.11	365	366	1	Flowbx	0.0025	17	6	79	0.1	A20-04775
NB-20-003A	147537	523148.86	5369453.44	-75.03	373	373.5	0.5	Flowbx	0.008	23	47	147	0.2	A20-04775
NB-20-003A	147538	523148.72	5369453.62	-75.47	373.5	374	0.5	Flowbx	0.006	23	62	248	0.2	A20-04775
NB-20-003A	147539	523147.26	5369455.63	-80.38	379	379.5	0.5	Flowbx	0.006	49	9	56	0.1	A20-04775
NB-20-003A	147540	523147.13	5369455.81	-80.82	379.5	380	0.5	Flowbx	0.007	36	3	56	0.1	A20-04775
NB-20-003A	147541	523146.93	5369456.09	-81.49	380	381	1	Flowbx	0.009	25	10	80	0.1	A20-04775
NB-20-003A	147542	523141.67	5369463.38	-99.08	400	400.5	0.5	FP	0.007	5	1	80	0.1	A20-04775
NB-20-003A	147543	523141.53	5369463.57	-99.52	400.5	401	0.5	FP	0.005	9	1	76	0.1	A20-04775
NB-20-003A	147544	523137.86	5369468.71	-111.73	414	415	1	Flowbx	0.006	16	5	71	0.1	A20-04775

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-003A	147546	523137.59	5369469.08	-112.62	415	416	1	Flowbx	0.009	10	22	85	0.1	A20-04775
NB-20-003A	147547	523137.33	5369469.46	-113.51	416	417	1	Flowbx	0.032	7	1	45	0.1	A20-04775
NB-20-003A	147548	523137.06	5369469.84	-114.39	417	418	1	Flowbx	0.01	8	4	47	0.1	A20-04775
NB-20-003A	147549	523130.02	5369479.85	-137.67	443.6	444	0.4	FV	0.006	17	1	60	0.1	A20-04775
NB-20-003A	147550	523129.84	5369480.11	-138.26	444	444.94	0.94	FV	0.006	21	1	61	0.1	A20-04775
NB-20-003A	147551	523129.64	5369480.40	-138.92	444.94	445.5	0.56	Sarg	0.008	40	13	153	0.1	A20-04775
NB-20-003A	147552	523129.50	5369480.60	-139.39	445.5	446	0.5	Sarg	0.006	29	15	113	0.1	A20-04775
NB-20-003A	147553	523129.30	5369480.89	-140.05	446	447	1	FV	0.007	26	1	69	0.1	A20-04775
NB-20-003A	147554	523129.03	5369481.28	-140.93	447	448	1	FV	0.006	13	1	56	0.1	A20-04775
NB-20-003A	147555	523128.76	5369481.67	-141.82	448	449	1	FV	0.007	10	1	63	0.1	A20-04775
NB-20-003A	147556	523128.49	5369482.05	-142.70	449	450	1	FV	0.007	35	6	125	0.1	A20-04775
NB-20-003A	147557	523128.23	5369482.44	-143.58	450	451	1	MValt	0.006	33	15	193	0.1	A20-04775
NB-20-003A	147558	523121.90	5369491.75	-164.38	473.8	474.5	0.7	FV	0.176	8	2	49	0.1	A20-04775
NB-20-003A	147560	523121.74	5369491.98	-164.91	474.5	475	0.5	FV	0.022	68	3	148	0.1	A20-04775
NB-20-003A	147561	523121.54	5369492.28	-165.56	475	476	1	FV	0.026	9	3	62	0.1	A20-04775
NB-20-003A	147562	523121.27	5369492.68	-166.44	476	477	1	FV	0.018	7	3	62	0.1	A20-04775
NB-20-003A	147563	523121.01	5369493.08	-167.32	477	478	1	FV	0.012	5	1	53	0.1	A20-04775
NB-20-003A	147564	523120.74	5369493.48	-168.19	478	479	1	FV	0.011	13	1	52	0.1	A20-04775
NB-20-003A	147565	523120.47	5369493.88	-169.07	479	480	1	FV	0.009	9	1	99	0.1	A20-04775
NB-20-003A	147566	523120.21	5369494.28	-169.95	480	481	1	FV	0.013	11	1	79	0.1	A20-04775
NB-20-003A	147567	523119.94	5369494.68	-170.82	481	482	1	FV	0.011	8	1	68	0.1	A20-04775
NB-20-003A	147568	523119.67	5369495.09	-171.70	482	483	1	FV	0.029	10	1	45	0.1	A20-04775
NB-20-003A	147569	523119.40	5369495.49	-172.57	483	484	1	FV	0.022	7	1	51	0.1	A20-04775
NB-20-003A	147570	523119.20	5369495.79	-173.23	484	484.5	0.5	FV	0.009	8	1	47	0.1	A20-04775
NB-20-003A	147571	523119.07	5369495.99	-173.67	484.5	485	0.5	FV	0.018	25	4	44	0.1	A20-04775
NB-20-003A	147572	523118.88	5369496.27	-174.28	485	485.9	0.9	FV	0.034	25	11	66	0.1	A20-04775
NB-20-003A	147574	523112.68	5369505.78	-194.62	508.5	509	0.5	FP	0.066	6	11	70	0.2	A20-04775
NB-20-003A	147575	523112.54	5369505.99	-195.06	509	509.5	0.5	FP	0.038	7	10	81	0.1	A20-04775
NB-20-003A	147576	523110.62	5369509.00	-201.36	516	517	1	MV	0.013	4	3	47	0.1	A20-04775
NB-20-003A	147577	523110.35	5369509.42	-202.23	517	518	1	MV	0.007	4	1	51	0.1	A20-04775
NB-20-003A	147578	523110.09	5369509.84	-203.10	518	519	1	MV	0.009	5	1	48	0.1	A20-04775
NB-20-004	147579	523144.77	5369439.09	200.91	84	84.55	0.55	FP	0.019	28	1	47	0.1	A20-04775
NB-20-004	147580	523144.54	5369439.06	200.55	84.55	84.87	0.32	FV	0.018	20	13	59	0.3	A20-04775
NB-20-004	147581	523144.31	5369439.04	200.19	84.87	85.4	0.53	Grap	0.015	59	22	277	0.2	A20-04775
NB-20-004	147583	523144.06	5369439.02	199.80	85.4	85.8	0.4	Grap	0.019	48	61	284	0.4	A20-04775
NB-20-004	147584	523143.76	5369438.99	199.34	85.8	86.5	0.7	MValt	0.007	0.5	1	21	0.1	A20-04775
NB-20-004	147585	523143.38	5369438.95	198.75	86.5	87.2	0.7	MValt	0.013	51	24	234	0.4	A20-04775
NB-20-004	147586	523142.87	5369438.90	197.95	87.2	88.4	1.2	MValt	0.016	54	94	351	0.9	A20-04775
NB-20-004	147587	523142.41	5369438.86	197.24	88.4	88.9	0.5	QFP	0.015	65	163	394	1.1	A20-04775
NB-20-004	147588	523141.98	5369438.81	196.57	88.9	90	1.1	QFP	0.033	67	1270	4080	4	A20-04775
NB-20-004	147589	523141.41	5369438.76	195.68	90	91	1	QFP	0.018	19	342	609	1.1	A20-04775
NB-20-004	147590	523140.87	5369438.71	194.84	91	92	1	QFP	0.01	15	31	34	0.2	A20-04775
NB-20-004	147592	523140.33	5369438.66	194.00	92	93	1	QFP	0.015	19	25	47	0.1	A20-04775
NB-20-004	147593	523139.79	5369438.60	193.16	93	94	1	QFP	0.016	24	26	52	0.1	A20-04775
NB-20-004	147594	523139.21	5369438.55	192.26	94	95.15	1.15	QFP	0.016	28	36	72	0.1	A20-04775
NB-20-004	147595	523138.67	5369438.50	191.42	95.15	96	0.85	QV	0.015	53	27	135	1.1	A20-04775
NB-20-004	147596	523138.17	5369438.45	190.65	96	97	1	Grap	0.013	170	54	406	0.1	A20-04775
NB-20-004	147597	523137.63	5369438.40	189.81	97	98	1	FP	0.015	69	37	448	0.3	A20-04775
NB-20-004	147598	523137.12	5369438.35	189.01	98	98.9	0.9	FP	0.011	26	54	303	0.1	A20-04775
NB-20-004	147599	523136.58	5369438.30	188.17	98.9	100	1.1	Grap	0.01	28	12	474	0.1	A20-04775

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-004	147600	523136.01	5369438.25	187.29	100	101	1	Grap	0.137	727	119	2470	1.9	A20-04775
NB-20-004	147601	523135.47	5369438.20	186.45	101	102	1	Grap	0.052	583	87	2390	1.3	A20-04775
NB-20-004	147602	523134.92	5369438.15	185.61	102	103	1	Grap	0.095	548	87	2520	1.5	A20-04775
NB-20-004	147603	523134.41	5369438.10	184.81	103	103.9	0.9	Grap	0.066	572	73	3100	1.1	A20-04775
NB-20-004	147604	523133.87	5369438.06	183.97	103.9	105	1.1	FP	0.05	433	73	3010	1	A20-04775
NB-20-004	147606	523133.30	5369438.00	183.09	105	106	1	FP	0.011	55	8	188	0.1	A20-04775
NB-20-004	147607	523132.76	5369437.96	182.25	106	107	1	FP	0.01	27	5	42	0.1	A20-04775
NB-20-004	147608	523132.21	5369437.91	181.42	107	108	1	FP	0.009	37	4	36	0.1	A20-04775
NB-20-004	147609	523131.67	5369437.86	180.58	108	109	1	FP	0.01	21	2	45	0.1	A20-04775
NB-20-004	147610	523131.13	5369437.81	179.74	109	110	1	FP	0.009	38	5	56	0.1	A20-04775
NB-20-004	147611	523130.59	5369437.76	178.90	110	111	1	FP	0.009	29	4	49	0.1	A20-04775
NB-20-004	147612	523130.04	5369437.72	178.06	111	112	1	FP	0.009	36	3	51	0.1	A20-04775
NB-20-004	147613	523129.50	5369437.67	177.22	112	113	1	FP	0.009	48	20	90	0.1	A20-04775
NB-20-004	147614	523128.96	5369437.62	176.38	113	114	1	FP	0.009	45	5	46	0.1	A20-04775
NB-20-004	147615	523128.42	5369437.57	175.55	114	115	1	FP	0.009	47	10	47	0.1	A20-04775
NB-20-004	147616	523127.87	5369437.53	174.71	115	116	1	FP	0.01	28	1	52	0.1	A20-04775
NB-20-004	147617	523127.49	5369437.50	174.12	116	116.4	0.4	FP	0.011	8	3	59	0.1	A20-04775
NB-20-004	147619	523127.17	5369437.47	173.62	116.4	117.2	0.8	Grap	0.008	81	34	1140	0.4	A20-04775
NB-20-004	147620	523126.54	5369437.41	172.66	117.2	118.7	1.5	Grap	0.027	642	88	3530	1.1	A20-04775
NB-20-004	147621	523125.97	5369437.37	171.78	118.7	119.3	0.6	QV	0.028	442	50	3230	0.8	A20-04775
NB-20-004	147622	523125.62	5369437.34	171.23	119.3	120	0.7	QV	0.01	105	50	792	0.4	A20-04775
NB-20-004	147624	523125.15	5369437.30	170.52	120	121	1	FP	0.0025	45	36	180	0.1	A20-04775
NB-20-004	147625	523124.61	5369437.25	169.68	121	122	1	FP	0.0025	18	23	452	0.1	A20-04775
NB-20-004	147626	523101.72	5369435.49	134.51	163	164	1	Sarg	0.008	94	17	221	0.4	A20-04775
NB-20-004	147627	523101.21	5369435.45	133.74	164	164.86	0.86	Sarg	0.015	109	34	177	0.5	A20-04775
NB-20-004	147628	523095.30	5369435.05	124.68	174.8	175.7	0.9	MValt	0.014	89	1200	3410	1.7	A20-04775
NB-20-004	147629	523094.98	5369435.03	124.18	175.7	176	0.3	MValt	0.022	288	2640	7920	2.2	A20-04775
NB-20-004	147630	523094.70	5369435.01	123.76	176	176.7	0.7	MValt	0.005	156	1210	3910	0.8	A20-04775
NB-20-004	147631	523091.86	5369434.82	119.41	180.9	182.2	1.3	MValt	0.008	110	4210	5880	0.8	A20-04775
NB-20-004	147632	523091.37	5369434.79	118.66	182.2	182.7	0.5	MValt	0.01	24	2890	3690	0.4	A20-04775
NB-20-004	147633	523091.07	5369434.77	118.20	182.7	183.3	0.6	MValt	0.007	92	8300	4980	1.1	A20-04775
NB-20-004	147634	523090.66	5369434.74	117.57	183.3	184.2	0.9	MValt	0.006	174	16100	7220	1.5	A20-04775
NB-20-004	147635	523090.14	5369434.71	116.77	184.2	185.2	1	MVbx	0.005	8	6300	644	0.3	A20-04775
NB-20-004	147636	523089.68	5369434.68	116.06	185.2	185.9	0.7	MValt	0.04	81	8000	4110	0.8	A20-04775
NB-20-004	147637	523089.30	5369434.65	115.48	185.9	186.6	0.7	MVpil	0.018	77	7300	3180	1	A20-04775
NB-20-004	147639	523089.00	5369434.64	115.02	186.6	187	0.4	MValt	0.0025	85	405	1730	0.2	A20-04775
NB-20-004	147640	523088.61	5369434.61	114.43	187	188	1	MValt	0.005	123	1270	3670	0.5	A20-04775
NB-20-004	147641	523088.15	5369434.58	113.73	188	188.68	0.68	MValt	0.005	146	153	377	1	A20-04775
NB-20-004	147642	523083.91	5369434.32	107.24	195.7	196.5	0.8	MV	0.0025	102	5	59	0.1	A20-04775
NB-20-004	147643	523083.59	5369434.30	106.73	196.5	196.9	0.4	MV	0.005	96	8	63	0.1	A20-04775
NB-20-004	147644	523078.24	5369433.98	98.55	205.97	207	1.03	MValt	0.017	114	1	84	0.1	A20-04775
NB-20-004	147645	523077.69	5369433.95	97.70	207	208	1	MValt	0.006	113	1	66	0.1	A20-04775
NB-20-004	147646	523077.14	5369433.91	96.86	208	209	1	MValt	0.008	113	1	70	0.1	A20-04775
NB-20-004	147647	523076.59	5369433.88	96.02	209	210	1	MValt	0.0025	101	1	69	0.1	A20-04775
NB-20-004	147648	523076.05	5369433.85	95.19	210	211	1	MValt	0.006	103	1	77	0.1	A20-04775
NB-20-004	147650	523075.55	5369433.82	94.43	211	211.8	0.8	MValt	0.0025	124	2	75	0.3	A20-04775
NB-20-004	147651	523075.17	5369433.80	93.85	211.8	212.4	0.6	MS	0.011	29	12	36	0.2	A20-04775
NB-20-004	147652	523074.84	5369433.78	93.35	212.4	213	0.6	MS	0.007	94	14	46	0.5	A20-04775
NB-20-004	147653	523074.54	5369433.77	92.88	213	213.5	0.5	MS	0.01	32	34	38	0.5	A20-04775
NB-20-004	147654	523074.32	5369433.75	92.55	213.5	213.8	0.3	MS	0.0025	15	8	66	0.1	A20-04775

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-004	147655	523074.05	5369433.74	92.13	213.8	214.5	0.7	Sgw	0.0025	14	1	78	0.1	A20-04775
NB-20-004	147656	523073.72	5369433.72	91.63	214.5	215	0.5	Sgw	0.0025	19	1	75	0.1	A20-04775
NB-20-004	147657	523073.31	5369433.70	91.00	215	216	1	Sgw	0.0025	24	1	75	0.1	A20-04775
NB-20-004	147658	523072.90	5369433.67	90.37	216	216.5	0.5	Sgw	0.0025	25	1	82	0.1	A20-04775
NB-20-004	147659	523072.55	5369433.65	89.83	216.5	217.3	0.8	Sgw	0.006	33	5	72	0.1	A20-04775
NB-20-004	147660	523072.14	5369433.63	89.20	217.3	218	0.7	Sarg	0.008	46	5	79	0.1	A20-04775
NB-20-004	147662	523071.67	5369433.61	88.49	218	219	1	Sarg	0.006	40	4	98	0.1	A20-04775
NB-20-004	147663	523071.25	5369433.58	87.84	219	219.55	0.55	Sarg	0.0025	87	3	84	0.1	A20-04775
NB-20-004	147664	523070.98	5369433.57	87.42	219.55	220	0.45	FV	0.0025	91	4	75	0.1	A20-04775
NB-20-004	147665	523070.58	5369433.55	86.82	220	221	1	FV	0.008	43	8	47	0.1	A20-04775
NB-20-004	147666	523070.17	5369433.52	86.19	221	221.5	0.5	FV	0.0025	21	5	68	0.1	A20-04775
NB-20-004	147667	523069.90	5369433.51	85.77	221.5	222	0.5	FV	0.02	62	6	62	0.3	A20-04775
NB-20-004	147668	523069.62	5369433.49	85.35	222	222.5	0.5	FV	0.009	61	9	39	0.2	A20-04775
NB-20-004	147669	523069.35	5369433.48	84.94	222.5	223	0.5	FV	0.076	38	15	32	0.4	A20-04775
NB-20-004	147670	523069.08	5369433.46	84.52	223	223.5	0.5	FV	0.038	23	11	34	0.2	A20-04775
NB-20-004	147672	523068.80	5369433.45	84.10	223.5	224	0.5	FV	0.005	22	9	50	0.1	A20-04775
NB-20-004	147673	523068.39	5369433.43	83.47	224	225	1	FV	0.011	48	7	29	0.1	A20-04775
NB-20-004	147674	523067.85	5369433.40	82.63	225	226	1	FV	0.0025	41	2	59	0.1	A20-04775
NB-20-004	147675	523067.30	5369433.37	81.80	226	227	1	FV	0.012	59	6	51	0.2	A20-04775
NB-20-004	147676	523066.89	5369433.35	81.17	227	227.5	0.5	FV	0.025	71	8	27	0.4	A20-04775
NB-20-004	147677	523066.62	5369433.33	80.75	227.5	228	0.5	FV	0.03	89	10	31	0.5	A20-04775
NB-20-004	147678	523066.29	5369433.32	80.25	228	228.7	0.7	FV	0.058	39	6	54	0.2	A20-04775
NB-20-004	147679	523066.01	5369433.30	79.83	228.7	229	0.3	IV	0.005	16	1	129	0.1	A20-04775
NB-20-004	147680	523065.69	5369433.28	79.34	229	229.87	0.87	IV	0.006	15	1	82	0.1	A20-04775
NB-20-004	147681	523065.31	5369433.26	78.76	229.87	230.4	0.53	IV	0.0025	14	1	61	0.1	A20-04775
NB-20-004	147682	523061.42	5369433.07	72.81	237	237.5	0.5	IV	0.029	13	3	71	0.1	A20-04775
NB-20-004	147684	523061.15	5369433.05	72.39	237.5	238	0.5	IV	0.007	14	13	152	0.1	A20-04775
NB-20-004	147685	523060.87	5369433.04	71.97	238	238.5	0.5	IV	0.005	15	17	101	0.1	A20-04775
NB-20-004	147686	523030.70	5369431.73	26.01	293	293.5	0.5	MV	0.005	71	1	90	0.1	A20-04775
NB-20-004	147687	523030.48	5369431.72	25.67	293.5	293.8	0.3	MV	0.011	32	1	58	0.1	A20-04775
NB-20-004	147688	523030.26	5369431.71	25.34	293.8	294.3	0.5	FP	0.0025	43	1	46	0.1	A20-04775
NB-20-004	147738	523100.67	5369435.42	132.90	164.86	166	1.14	Grap	0.015	558	1620	6560	3.4	A20-05663
NB-20-004	147739	523100.08	5369435.37	132.00	166	167	1	Grap	0.013	532	5600	24100	6.2	A20-05663
NB-20-004	147740	523099.54	5369435.34	131.17	167	168	1	Grap	0.007	581	3550	11200	4.3	A20-05663
NB-20-004	147741	523098.99	5369435.30	130.33	168	169	1	Grap	0.036	356	344	2620	2.7	A20-05663
NB-20-004	147742	523098.44	5369435.26	129.49	169	170	1	Grap	0.014	95	821	3910	2	A20-05663
NB-20-004	147743	523097.90	5369435.22	128.66	170	171	1	Sarg	0.012	118	99	805	2.2	A20-05663
NB-20-004	147744	523097.35	5369435.19	127.82	171	172	1	Sarg	0.0025	209	1100	4150	1.6	A20-05663
NB-20-004	147745	523096.81	5369435.15	126.98	172	173	1	MValt	0.0025	148	3410	18000	3.2	A20-05663
NB-20-004	147746	523096.26	5369435.11	126.15	173	174	1	MValt	0.0025	98	1820	5610	1.7	A20-05663
NB-20-004	147747	523095.77	5369435.08	125.39	174	174.8	0.8	MValt	0.005	126	997	2960	1.2	A20-05663
NB-20-004	147749	523094.24	5369434.98	123.05	176.7	177.7	1	MValt	0.006	171	916	3350	0.8	A20-05663
NB-20-004	147750	523093.69	5369434.94	122.21	177.7	178.7	1	MValt	0.028	559	4440	17000	2.6	A20-05663
NB-20-004	147751	523093.15	5369434.91	121.38	178.7	179.7	1	MValt	0.014	186	2530	7960	1.6	A20-05663
NB-20-004	147752	523092.55	5369434.87	120.46	179.7	180.9	1.2	MValt	0.006	155	1590	5900	0.7	A20-05663
NB-20-005	147689	523170.34	5369542.48	184.83	104	104.5	0.5	MVbx	0.006	26	3	317	0.1	A20-04775
NB-20-005	147690	523170.04	5369542.47	184.43	104.5	105	0.5	MVbx	0.005	19	13	379	0.1	A20-04775
NB-20-005	147691	523155.26	5369542.10	164.59	129	130	1	MVbx	0.0025	11	1	126	0.1	A20-04775
NB-20-005	147692	523154.66	5369542.08	163.79	130	131	1	MVbx	0.0025	14	1	122	0.1	A20-04775
NB-20-005	147693	523154.06	5369542.07	162.99	131	132	1	MVbx	0.0025	13	1	125	0.1	A20-04775

HOLE_NAME	SAMPLE_NO	X	Y	Z	POS_FROM	POS_TO	LENGTH	ROCK_CODE	AU_GT	CU_PPM	PB_PPM	ZN_PPM	AG_PPM	LABJOBNO
NB-20-005	147694	523153.46	5369542.06	162.18	132	133	1	MVbx	0.008	27	1	87	0.1	A20-04775
NB-20-005	147696	523148.22	5369541.96	155.18	141	141.5	0.5	MVbx	0.0025	12	1	69	0.1	A20-04775
NB-20-005	147697	523147.92	5369541.95	154.78	141.5	142	0.5	MVbx	0.0025	15	1	84	0.1	A20-04775
NB-20-005	147698	523124.84	5369541.70	124.03	180	180.4	0.4	FV	0.011	20	11	71	0.1	A20-04775
NB-20-005	147699	523124.60	5369541.70	123.71	180.4	180.8	0.4	FV	0.18	58	20	64	0.3	A20-04775
NB-20-005	147700	523124.36	5369541.70	123.40	180.8	181.2	0.4	FV	0.012	82	3	80	0.1	A20-04775
NB-20-005	147701	523124.00	5369541.70	122.92	181.2	182	0.8	FV	0.0025	51	5	86	0.1	A20-04775
NB-20-005	147702	523123.60	5369541.70	122.40	182	182.5	0.5	FV	0.0025	51	3	93	0.1	A20-04775
NB-20-005	147703	523123.30	5369541.70	122.00	182.5	183	0.5	FV	0.04	30	38	105	0.1	A20-04775
NB-20-005	147704	523122.85	5369541.70	121.40	183	184	1	FV	0.008	60	2	98	0.1	A20-04775
NB-20-005	147705	523115.59	5369541.73	111.85	195	196	1	FVbx	0.013	41	8	99	0.1	A20-04775
NB-20-005	147706	523114.99	5369541.74	111.05	196	197	1	FVbx	0.01	52	5	96	0.1	A20-04775
NB-20-005	147708	523114.38	5369541.74	110.26	197	198	1	FVbx	0.005	36	1	49	0.1	A20-04775
NB-20-005	147709	523113.77	5369541.75	109.46	198	199	1	FVbx	0.0025	47	1	44	0.1	A20-04775
NB-20-005	147710	523113.17	5369541.75	108.67	199	200	1	FVbx	0.0025	33	1	40	0.1	A20-04775
NB-20-005	147711	523112.56	5369541.76	107.87	200	201	1	FVbx	0.0025	42	1	43	0.1	A20-04775
NB-20-005	147712	523111.95	5369541.76	107.08	201	202	1	FVbx	0.01	58	1	28	0.1	A20-04775
NB-20-005	147713	523111.35	5369541.77	106.29	202	203	1	FVbx	0.0025	34	1	47	0.1	A20-04775
NB-20-005	147714	523096.11	5369542.05	86.47	227	228	1	MValt	0.025	45	6	70	0.1	A20-04775
NB-20-005	147715	523095.50	5369542.06	85.68	228	229	1	MValt	0.007	21	8	94	0.1	A20-04775
NB-20-005	147716	523066.00	5369543.04	47.83	276	277	1	MValt	0.006	17	1	57	0.1	A20-04775
NB-20-005	147718	523065.39	5369543.07	47.05	277	278	1	MValt	0.0025	22	1	59	0.1	A20-04775
NB-20-005	147719	523064.77	5369543.10	46.26	278	279	1	MValt	0.014	16	1	57	0.1	A20-04775
NB-20-005	147720	523053.64	5369543.66	32.13	296	297	1	FV	0.0025	11	1	56	0.1	A20-04775
NB-20-005	147721	523053.02	5369543.69	31.35	297	298	1	FV	0.0025	10	1	65	0.1	A20-04775
NB-20-005	147722	523052.40	5369543.73	30.56	298	299	1	MV	0.005	41	1	76	0.1	A20-04775
NB-20-005	147723	523051.78	5369543.76	29.78	299	300	1	MV	0.015	37	7	169	0.1	A20-04775
NB-20-006	147724	523188.50	5369646.23	226.16	53	53.5	0.5	MV	0.0025	6	3	48	0.1	A20-04775
NB-20-006	147725	523188.20	5369646.21	225.76	53.5	54	0.5	MV	0.0025	11	3	43	0.1	A20-04775
NB-20-006	147726	523187.90	5369646.18	225.36	54	54.5	0.5	MV	0.0025	10	3	58	0.1	A20-04775
NB-20-006	147727	523146.35	5369642.81	170.05	123	124	1	FV	0.005	18	8	42	0.1	A20-04775
NB-20-006	147729	523145.74	5369642.75	169.26	124	125	1	FV	0.0025	2	4	19	0.1	A20-04775
NB-20-006	147730	523145.13	5369642.69	168.47	125	126	1	FV	0.0025	3	3	26	0.1	A20-04775
NB-20-006	147731	523144.56	5369642.63	167.72	126	126.9	0.9	FV	0.012	3	4	32	0.1	A20-04775
NB-20-006	147732	523104.48	5369637.68	117.03	191	191.5	0.5	FP	0.634	10	12	132	4.1	A20-04775
NB-20-006	147733	523104.17	5369637.64	116.64	191.5	192	0.5	FP	0.006	2	1	46	0.1	A20-04775

Appendix 5

Maps in Current Report

500000

525000

5375000

5350000

N

Frederick House Lake

CLAVOS DEPOSIT

MONTCLERG DEPOSIT

ARGYLL

11

SHOOT ZONE

TAYLOR MINE

STOCK TOWNSHIP MINE

ST ANDREW EAST ZONE

POMINEX

AQUARIUS

101

Matheson

RONNOCO NORTH

RONNOCO SOUTH

NIGHT HAWK PENINSULAR MINE

GOLDHAWK

NIGHTHAWK MINE

Night Hawk Lake

Moose Lake

Grindstone Creek Showing

Tillex Deposit

Property Location

Seaway Occurrence

SHERATON LAKE ZONE

CROSS LAKE DISCOVERY

Drill Program Location

GOLDEN ARROW - WEST

Legend

- Towns
- Claim Boundary
- Highway
- Lake
- Gold_Deposits
- VMS Deposits

Faults and Folds

- Archean Fault
- Post Archean Fault
- Antiform
- Synform
- Dikes

Assemblage_Units

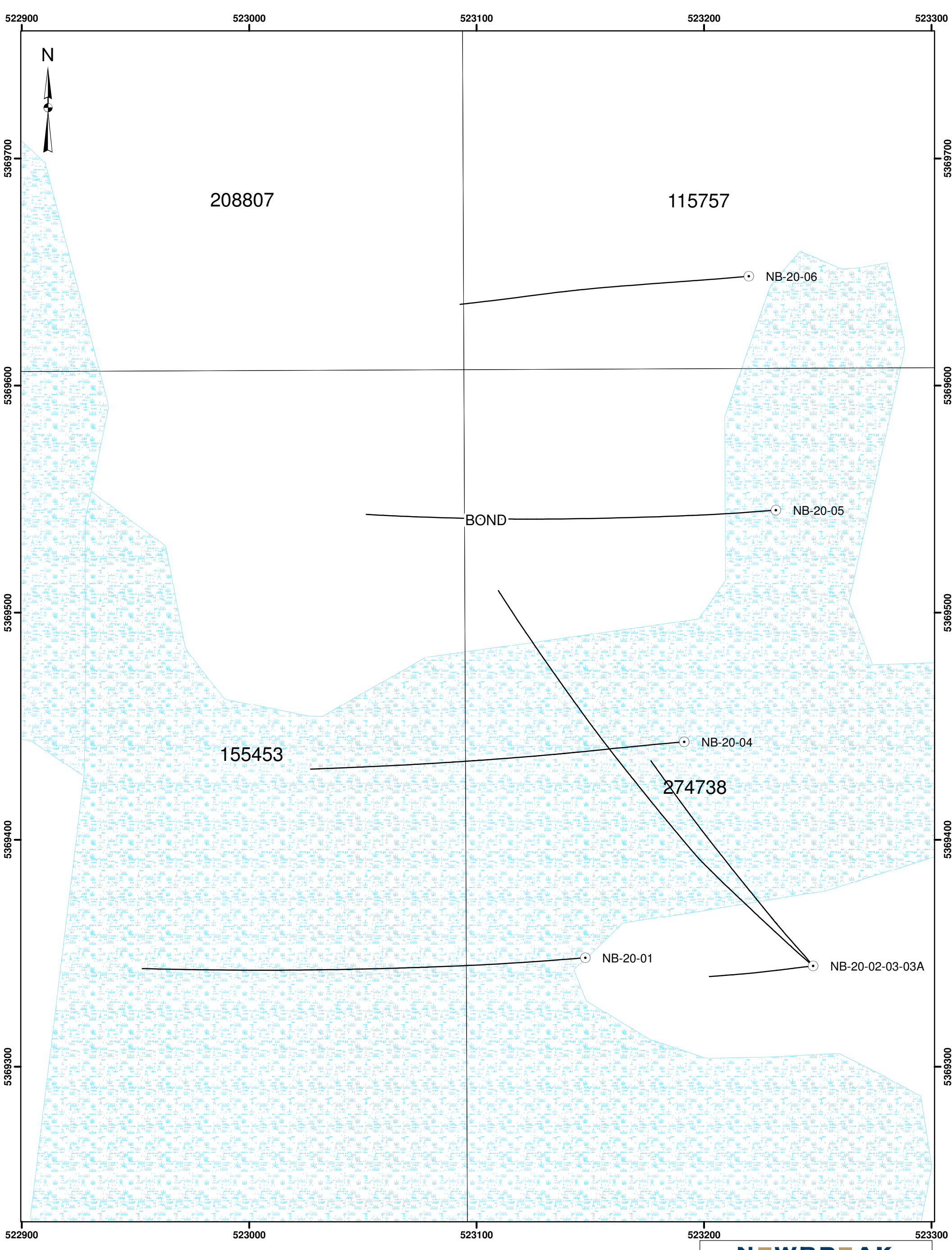
- 1, Huronian, Cover
- 2, Timiskaming, Sedimentary
- 3, Timiskaming, Volcanic
- 4, Porcupine, Sedimentary
- 5, Porcupine, Volcanic
- 6, Blake River, Upper Unit
- 7, Blake River, Lower Unit
- 8, Tisdale, Upper Unit
- 9, Tisdale, Lower Unit
- 10, Kidd-Munro, Upper Unit
- 11, Kidd-Munro, Lower Unit
- 12, Stoughton Roquemaure,
- 13, Deloro,
- 14, Pacaud,
- 15, Intrusive, Late tectonic
- 16, Intrusive, Syntectonic
- 17, Intrusive, Synvolcanic felcis to Intermediate
- 18, Intrusive, Synvolcanic mafic to ultramafic

NEWBREAK RESOURCES

Regional Geology

7.5 3.75 0 KM

1:150,000 NAD83 / Zone 17N



Legend

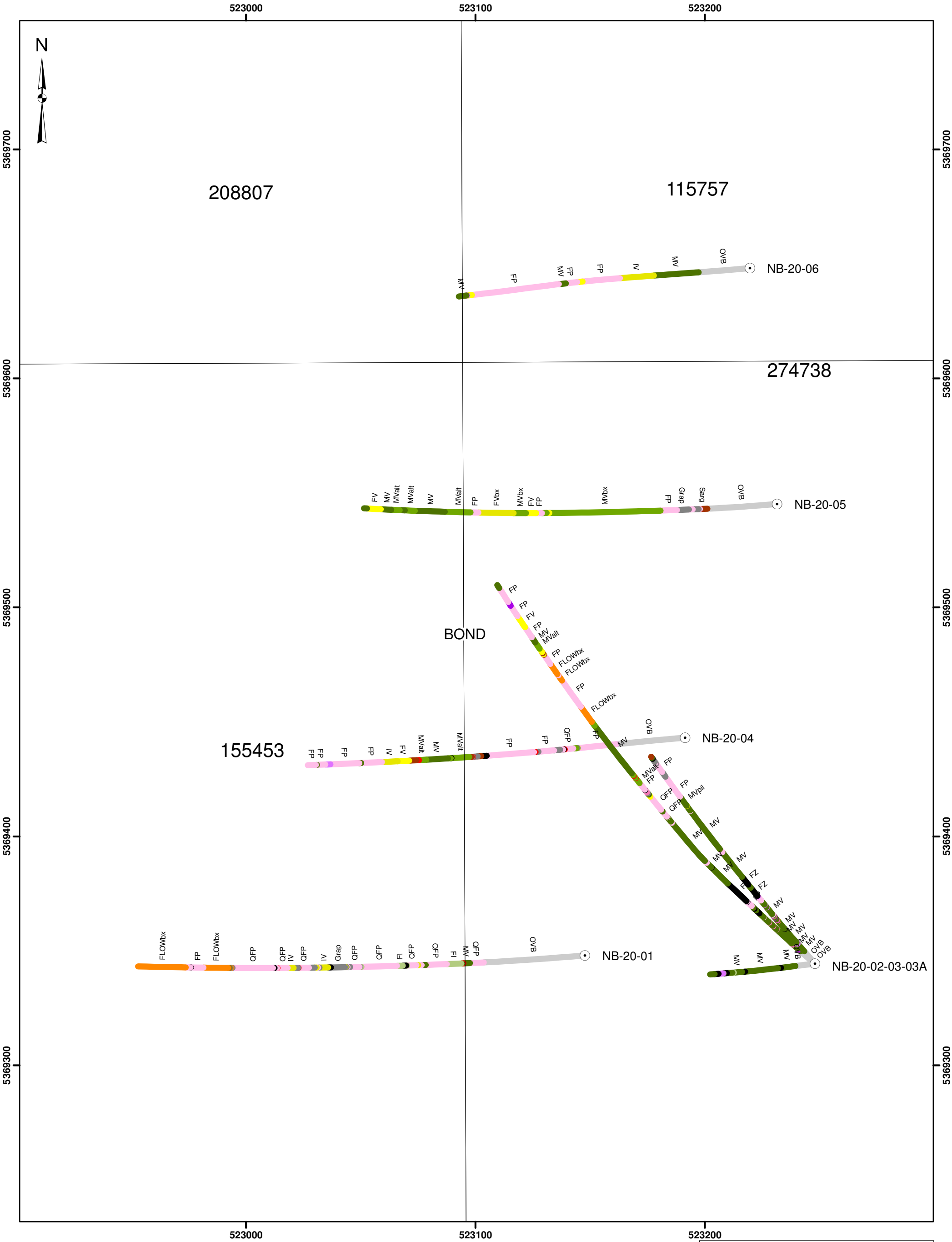
- Collars
- Drill Trace
- Claim Numbers
- Rivers
- Lakes
- Wetland
- Roads

NEWBREAK RESOURCES

Drill Hole Plan

0.075 0.0375 0 KM

1:1,500 NAD83 / Zone 17N



Rock_Code	Rock_Type	Colour
OVB	Overburden	
FI	Felsic intrusive	
Flowbx	Flow breccia	
FP	Feldspar Porphyry	
FV	Felsic volcanic	
FVbx	Felsic volcanic breccia	
FZ	Fault zone	
Grap	Graphitic argillite	
IF	Iron formation	
II	Intermediate Intrusive	
IV	Intermediate volcanic	
LAMP	Lamprophyre	

Rock_Code	Rock_Type	Colour
MI	Mafic intrusive	
MS	Massive to semi-massive sulphides	
MV	Mafic volcanic	
MValt	Altered mafic volcanic	
MVbx	Mafic volcanic breccia	
MVpil	Pillowed basalt	
QFP	Quartz feldspar porphyry	
QV	Quartz vein	
Sarg	Argillite	
Sed	Sediments	
Sgw	Greywacke	

Legend (Au g/t)		
From	To	Colour
0.00	0.05	NONE
0.05	0.10	
0.10	1.00	
1.00	5.00	

Legend

Collars

Claim Numbers

NEWBREAK RESOURCES

Geology in Drill Holes

0.075 0.0375 0 KM

1:1,500 NAD83 / Zone 17N

N

522950 523000 523050 523100 523150 523200 523250

5369650 5369600 5369550 5369500 5369450 5369400 5369350

NB-20-06

NB-20-05

NB-20-04

NB-20-01

NB-20-02-03-03A

229.4
198.0
185.2
164.8
148.6
133.1
117.4
111.5
89.6
84.6
77.3
73.6
71.8
69.6
64.5
61.7
58.7
55.6
52.2
48.7
45.0
40.4
30.2
27.5
25.3
23.8
23.3
22.5
22.0
21.9
20.3
19.6
18.5
14.9
9.5
8.6
8.1
6.2

25 0 25
(meters)

CU
Bond-Currie
2020 Drilling

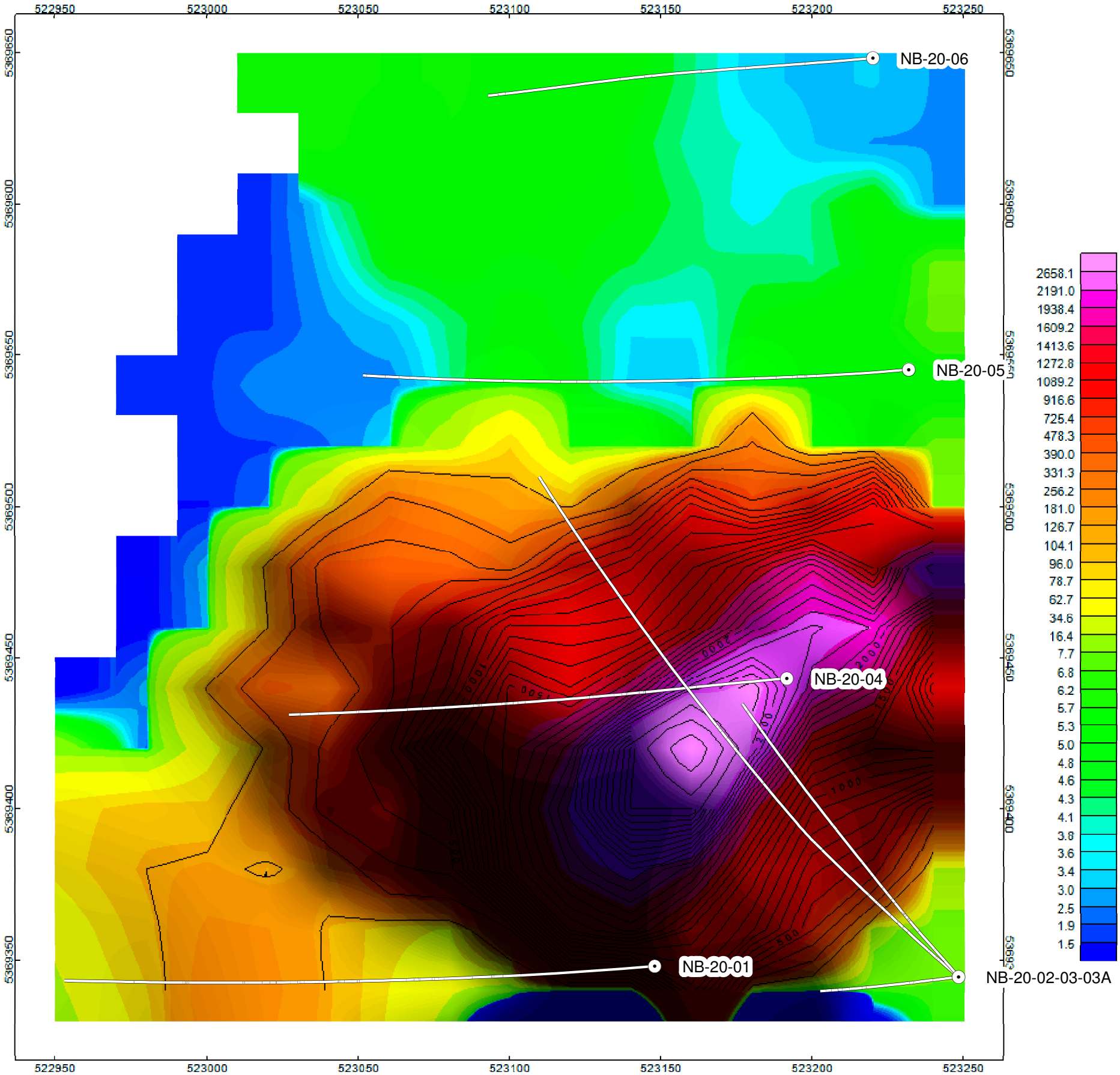
NEWBREAK RESOURCES

Copper (ppm) in Core Samples

0.075 0.0375 0 KM

1:1,500 NAD83 / Zone 17N

N



25 0 25
(meters)
NAD83 / UTM zone 17N

PB ppm
Bond-Currie
2020 Drilling

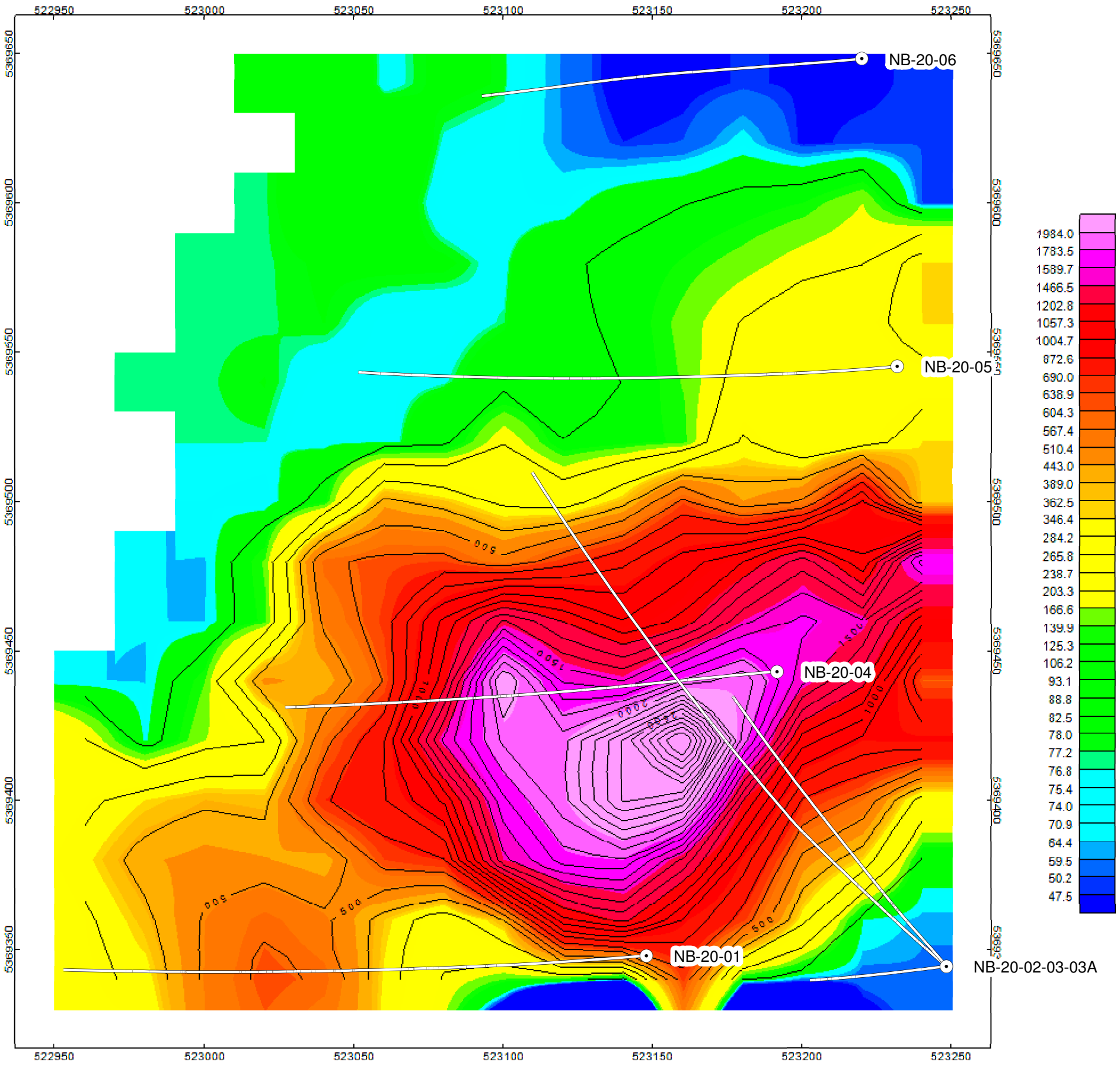
NEWBREAK RESOURCES

Lead (ppm) in
Core Samples

0.075 0.0375 0 KM

1:1,500 NAD83 / Zone 17N

N



25 0 25
(meters)

ZN
Bond-Currie
2020 Drilling

NEWBREAK RESOURCES

Zinc (ppm) in
Core Samples

0.075 0.0375 0 KM

1:1,500 NAD83 / Zone 17N

N

522950 523000 523050 523100 523150 523200 523250

5369650 5369600 5369550 5369500 5369450 5369400 5369350

NB-20-06

NB-20-05

NB-20-04

NB-20-01

NB-20-02-03-03A

1.7 1.0 1.0 0.8 0.8 0.7 0.6 0.6 0.5 0.5 0.4 0.4 0.4 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1

25 0 25
(meters)

AG
Bond-Currie
2020 Drilling

NEWBREAK RESOURCES

Silver (ppm) in Core Samples

0.075 0.0375 0 KM

1:1,500 NAD83 / Zone 17N

Appendix 6

Certificates of Analysis

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04202**
Report Date: **30-Apr-20**
Date Submitted: **10-Apr-20**
Your Reference:

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 13:47:15
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-23 10:45:36

REPORT **A20-04202**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147001	0.011	< 0.2	< 0.5	61	279	2	17	17	41	0.45	5	< 10	35	< 0.5	< 2	1.57	21	12	1.23	< 10	< 1	0.23	11
147002	0.005	< 0.2	< 0.5	26	257	2	9	4	20	0.37	< 2	< 10	46	< 0.5	< 2	1.43	7	12	0.94	< 10	< 1	0.23	11
147003	0.014	< 0.2	< 0.5	14	263	2	10	3	19	0.32	< 2	< 10	35	< 0.5	< 2	1.27	7	15	0.98	< 10	< 1	0.22	11
147004	0.008	< 0.2	< 0.5	68	240	2	10	< 2	18	0.34	< 2	< 10	37	< 0.5	< 2	1.15	7	17	0.90	< 10	< 1	0.24	10
147005	0.009	< 0.2	< 0.5	50	347	3	12	3	20	0.41	< 2	< 10	43	< 0.5	< 2	2.19	7	18	1.01	< 10	< 1	0.24	10
147006	0.015	0.3	< 0.5	63	1080	2	148	4	114	1.80	< 2	< 10	25	< 0.5	2	4.72	30	122	4.66	< 10	< 1	0.13	< 10
147007	1.67	0.4	< 0.5	162	729	1	90	9	66	3.61	14	15	22	< 0.5	< 2	2.86	28	119	5.66	10	< 1	0.07	< 10
147008	0.057	0.3	< 0.5	53	361	6	17	8	21	0.34	< 2	< 10	54	< 0.5	< 2	2.29	7	31	1.57	< 10	< 1	0.12	< 10
147009	0.051	0.2	< 0.5	28	266	6	19	5	25	0.43	< 2	< 10	20	< 0.5	< 2	2.15	7	33	1.65	< 10	< 1	0.07	< 10
147010	0.038	< 0.2	< 0.5	27	262	7	17	< 2	17	0.55	< 2	< 10	70	< 0.5	< 2	2.08	7	31	1.71	< 10	< 1	0.07	< 10
147011	0.032	< 0.2	< 0.5	46	241	212	17	4	19	0.55	3	< 10	43	< 0.5	< 2	1.83	8	23	1.48	< 10	< 1	0.10	< 10
147012	0.041	0.4	0.7	211	514	7	25	3	22	0.75	2	< 10	33	< 0.5	< 2	1.88	8	40	1.69	< 10	< 1	0.06	11
147013	0.050	0.2	< 0.5	52	866	3	131	< 2	86	2.70	< 2	< 10	19	0.7	2	5.80	30	173	5.19	< 10	< 1	0.13	< 10
147014	0.011	< 0.2	< 0.5	162	1020	2	217	< 2	112	3.06	< 2	< 10	13	< 0.5	< 2	6.90	24	373	4.67	10	< 1	0.09	13
147015	0.028	< 0.2	< 0.5	62	917	1	278	4	97	4.12	< 2	< 10	21	0.6	< 2	5.64	34	542	5.82	10	< 1	0.08	< 10
147016	0.021	< 0.2	< 0.5	63	710	< 1	144	3	111	3.56	3	< 10	17	0.6	2	4.63	24	251	4.95	10	< 1	0.07	10
147017	0.012	< 0.2	< 0.5	86	943	1	299	5	139	3.59	< 2	< 10	19	0.5	< 2	7.12	39	426	5.70	10	< 1	0.08	< 10
147018	0.013	< 0.2	< 0.5	87	818	2	234	3	202	3.87	< 2	< 10	15	0.7	< 2	5.75	29	463	5.61	20	< 1	0.07	< 10
147019	0.036	0.3	0.8	17	382	128	52	6	144	0.81	< 2	< 10	15	< 0.5	< 2	3.68	12	102	2.37	< 10	< 1	0.08	< 10
147020	0.041	0.3	< 0.5	11	359	105	41	18	24	0.52	< 2	< 10	15	< 0.5	< 2	2.97	8	76	1.70	< 10	< 1	0.06	< 10
147021	0.006	< 0.2	< 0.5	1	143	1	< 1	< 2	3	0.02	< 2	< 10	12	< 0.5	< 2	> 10.0	< 1	3	0.16	< 10	< 1	< 0.01	< 10
147022	0.019	< 0.2	< 0.5	38	613	4	213	< 2	154	3.22	< 2	< 10	15	< 0.5	2	4.59	28	347	4.86	10	< 1	0.13	< 10
147023	0.014	< 0.2	< 0.5	12	286	4	16	4	24	0.70	< 2	< 10	37	< 0.5	< 2	2.76	8	29	1.12	< 10	< 1	0.24	< 10
147024	0.015	< 0.2	< 0.5	22	288	2	10	4	29	0.66	< 2	< 10	40	< 0.5	< 2	3.10	8	20	1.16	< 10	< 1	0.23	< 10
147025	0.016	< 0.2	< 0.5	32	246	4	10	6	31	0.64	3	< 10	41	< 0.5	< 2	2.72	6	15	1.04	< 10	< 1	0.26	< 10
147026	0.011	< 0.2	< 0.5	22	280	2	9	< 2	39	0.83	6	< 10	41	< 0.5	< 2	2.79	7	14	1.27	< 10	< 1	0.26	< 10
147027	0.013	< 0.2	< 0.5	14	276	< 1	9	< 2	35	0.71	6	< 10	39	< 0.5	< 2	2.74	7	11	1.25	< 10	< 1	0.26	< 10
147028	0.011	< 0.2	< 0.5	16	279	2	8	< 2	43	0.71	3	< 10	44	< 0.5	< 2	2.97	6	13	1.15	< 10	< 1	0.25	< 10
147029	0.009	< 0.2	< 0.5	15	271	3	14	< 2	40	0.93	5	< 10	47	< 0.5	< 2	2.29	6	20	1.25	< 10	1	0.23	14
147030	0.015	< 0.2	< 0.5	18	286	1	11	< 2	39	0.94	4	< 10	46	< 0.5	< 2	2.39	6	23	1.43	< 10	< 1	0.23	< 10
147031	0.012	< 0.2	< 0.5	17	305	3	12	2	62	0.88	2	< 10	40	< 0.5	< 2	2.47	7	37	1.47	< 10	< 1	0.18	11
147032	0.345	< 0.2	< 0.5	109	715	< 1	96	5	67	2.47	3	20	25	< 0.5	< 2	1.97	28	59	5.51	< 10	< 1	0.04	< 10
147033	0.010	< 0.2	< 0.5	24	263	3	12	4	49	1.02	< 2	< 10	51	< 0.5	< 2	1.71	7	36	1.45	< 10	< 1	0.20	12
147034	0.010	< 0.2	< 0.5	23	263	1	12	3	44	1.10	< 2	< 10	54	< 0.5	< 2	1.47	6	33	1.52	< 10	< 1	0.21	< 10
147035	0.013	< 0.2	< 0.5	19	290	< 1	13	3	47	1.07	< 2	< 10	48	< 0.5	< 2	1.63	7	36	1.61	< 10	< 1	0.13	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147001	0.48	0.047	0.049	0.37	< 2	< 1	35	0.01	< 20	< 1	< 2	< 10	12	< 10	2	13
147002	0.46	0.044	0.047	0.14	< 2	< 1	34	< 0.01	< 20	2	< 2	< 10	5	< 10	2	10
147003	0.42	0.042	0.049	0.32	< 2	< 1	33	< 0.01	< 20	3	< 2	< 10	4	< 10	2	10
147004	0.42	0.036	0.052	0.34	< 2	< 1	30	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	10
147005	0.53	0.040	0.049	0.29	< 2	< 1	48	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	10
147006	3.60	0.015	0.094	1.00	< 2	7	113	< 0.01	< 20	1	< 2	< 10	36	< 10	5	7
147007	2.25	0.053	0.034	0.26	< 2	5	34	0.33	< 20	3	< 2	< 10	140	< 10	8	12
147008	0.67	0.058	0.050	0.98	< 2	1	40	< 0.01	< 20	< 1	< 2	< 10	7	< 10	3	11
147009	0.41	0.072	0.053	1.05	< 2	1	35	< 0.01	< 20	2	< 2	< 10	5	< 10	2	13
147010	0.60	0.076	0.049	1.17	< 2	1	37	< 0.01	< 20	2	< 2	< 10	6	< 10	3	13
147011	0.49	0.064	0.047	0.91	< 2	< 1	29	< 0.01	< 20	< 1	< 2	< 10	9	< 10	3	12
147012	0.88	0.048	0.041	0.75	< 2	2	21	< 0.01	< 20	3	< 2	< 10	16	< 10	4	8
147013	3.53	0.010	0.074	2.00	3	7	70	< 0.01	< 20	1	< 2	< 10	48	< 10	5	10
147014	4.42	0.010	0.087	0.32	2	9	99	< 0.01	< 20	1	< 2	< 10	71	< 10	7	6
147015	5.47	0.009	0.066	0.45	4	10	84	< 0.01	< 20	< 1	< 2	< 10	68	< 10	4	8
147016	4.89	0.011	0.066	0.35	3	8	50	< 0.01	< 20	< 1	< 2	< 10	58	< 10	5	6
147017	4.71	0.010	0.064	0.98	3	10	137	< 0.01	< 20	4	< 2	< 10	59	< 10	5	7
147018	5.61	0.013	0.057	0.67	3	9	84	< 0.01	< 20	< 1	< 2	< 10	75	< 10	6	8
147019	0.98	0.025	0.036	1.46	< 2	3	28	< 0.01	< 20	2	< 2	< 10	18	< 10	4	8
147020	0.64	0.012	0.009	0.96	< 2	2	26	< 0.01	< 20	< 1	< 2	< 10	10	< 10	3	6
147021	1.73	0.009	0.006	0.01	< 2	< 1	51	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1
147022	4.44	0.011	0.058	0.91	2	6	69	< 0.01	< 20	< 1	< 2	< 10	79	< 10	5	14
147023	0.55	0.035	0.051	0.53	< 2	< 1	43	< 0.01	< 20	< 1	< 2	< 10	10	< 10	3	11
147024	0.45	0.044	0.052	0.49	< 2	< 1	54	< 0.01	< 20	1	< 2	< 10	6	< 10	3	9
147025	0.36	0.037	0.050	0.42	< 2	< 1	43	< 0.01	< 20	< 1	< 2	< 10	5	< 10	2	9
147026	0.52	0.040	0.051	0.24	< 2	< 1	35	< 0.01	< 20	2	< 2	< 10	7	< 10	2	8
147027	0.41	0.039	0.050	0.41	< 2	< 1	31	< 0.01	< 20	2	< 2	< 10	7	< 10	2	8
147028	0.43	0.041	0.047	0.35	< 2	< 1	31	0.02	< 20	2	< 2	< 10	9	< 10	2	9
147029	0.53	0.051	0.049	0.26	< 2	< 1	44	0.05	< 20	3	< 2	< 10	11	< 10	2	9
147030	0.58	0.052	0.050	0.46	< 2	< 1	48	0.05	< 20	1	< 2	< 10	12	< 10	2	9
147031	0.61	0.058	0.047	0.35	< 2	< 1	50	0.04	< 20	1	< 2	< 10	14	< 10	2	9
147032	2.21	0.138	0.081	0.09	4	4	42	0.30	< 20	4	< 2	< 10	106	< 10	12	19
147033	0.60	0.076	0.050	0.19	< 2	< 1	69	0.07	< 20	3	< 2	< 10	18	< 10	2	10
147034	0.58	0.085	0.049	0.13	< 2	1	68	0.07	< 20	2	< 2	< 10	21	< 10	2	10
147035	0.65	0.069	0.050	0.20	< 2	1	71	0.08	< 20	< 1	< 2	< 10	24	< 10	2	11

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	72	1030	1	22	90	121	6.24	225	< 10	772	0.9	< 2	0.14	12	77	5.17	20	2	0.94	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	530	1240				> 5000	> 10000		212						89		10.7				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1280				> 5000	> 10000		234						91		12.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		92.8	279	306				> 5000	> 10000		132		19				19		7.34				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.8	298	311				> 5000	> 10000		142		20				18		8.20				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		1.3	< 0.5	2280	773	< 1	31	57	262	2.49	5		64	0.7	8	0.34	17	44	4.68	< 10		0.46	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2270	784	< 1	36	60	261	2.82	6		71	0.7	7	0.35	18	46	5.47	< 10		0.45	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	0.7	4440	897	< 1	33	84	354	2.92	5		60	0.6	16	0.37	20	42	6.36	< 10		0.34	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	0.7	4420	880	< 1	33	81	346	2.84	7		58	0.6	18	0.35	19	41	6.31	< 10		0.36	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6230	340	5	3	33	143	1.04	35		205	1.0	17	0.25	41	9	7.66	20		0.36	36
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.340																						
OREAS 217 (Fire Assay) Cert	0.338																						
OREAS 217 (Fire Assay) Meas	0.326																						
OREAS 217 (Fire	0.338																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Assay) Cert																							
OREAS 217 (Fire Assay) Meas	0.355																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		69.5	270	3600	541	13	25	> 5000	> 10000	1.60	77			0.5	< 2	1.55	28	30	3.48	10	4	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		70.9	281	3620	556	13	29	> 5000	> 10000	1.70	80			0.5	< 2	1.61	28	39	3.73	10	4	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147003 Orig		< 0.2	< 0.5	15	261	2	10	4	19	0.32	< 2	< 10	35	< 0.5	< 2	1.27	7	15	0.99	< 10	< 1	0.22	11
147003 Dup		< 0.2	< 0.5	13	265	2	10	3	19	0.32	< 2	< 10	35	< 0.5	< 2	1.28	7	15	0.97	< 10	< 1	0.22	11
147010 Orig	0.038																						
147010 Dup	0.037																						
147011 Orig		< 0.2	< 0.5	47	238	211	18	4	18	0.56	3	< 10	43	< 0.5	< 2	1.82	7	25	1.48	< 10	< 1	0.11	< 10
147011 Dup		0.3	< 0.5	45	244	213	16	4	19	0.54	3	< 10	43	< 0.5	< 2	1.83	8	22	1.48	< 10	< 1	0.10	< 10
147020 Orig	0.041																						
147020 Dup	0.040																						
147030 Orig	0.015																						
147030 Dup	0.015																						
Method Blank	< 0.005																						
Method Blank	0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 0.005																						
Method Blank	< 0.005																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.36	0.059	0.032	0.01	5	16	31		< 20	1	< 2	< 10	161	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				16.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.8												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				11.3	144											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.2	155											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.22	0.021	0.063	0.35	3	3	16		< 20		< 2	< 10	33	< 10	15	24
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.36	0.025	0.065	0.38	2	3	16		< 20		< 2	< 10	34	< 10	16	26
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.49		0.062	0.69	3	3	14		< 20		< 2	< 10	33	< 10	15	28
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.46		0.061	0.66	4	3	13		< 20		< 2	< 10	33	< 10	15	27
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.21	0.084	0.024	0.06	6	2	12	0.02	< 20	< 1	< 2	< 10	6	< 10	6	41
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.146	0.034	4.68	131	2	18		< 20		3	< 10	12	< 10	6	52
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.47	0.154	0.034	4.95	135	2	19		< 20		< 2	< 10	12	< 10	7	55
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147003 Orig	0.42	0.043	0.050	0.32	< 2	< 1	32	< 0.01	< 20	2	< 2	< 10	4	< 10	2	10
147003 Dup	0.42	0.040	0.049	0.32	< 2	< 1	33	< 0.01	< 20	4	< 2	< 10	5	< 10	2	10
147010 Orig																
147010 Dup																
147011 Orig	0.50	0.066	0.047	0.92	< 2	< 1	29	< 0.01	< 20	< 1	< 2	< 10	9	< 10	3	12
147011 Dup	0.49	0.062	0.047	0.91	< 2	< 1	29	< 0.01	< 20	1	< 2	< 10	8	< 10	3	12
147020 Orig																
147020 Dup																
147030 Orig																
147030 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04203**
Report Date: **28-Apr-20**
Date Submitted: **10-Apr-20**
Your Reference: **April 10/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 15:30:31
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-21 09:43:36

REPORT **A20-04203**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147036	0.006	< 0.2	< 0.5	32	326	< 1	28	9	30	1.29	157	< 10	38	< 0.5	< 2	1.65	10	27	2.32	< 10	< 1	0.13	< 10
147037	0.013	0.5	< 0.5	33	385	169	28	16	56	1.18	73	< 10	41	< 0.5	< 2	1.60	11	26	2.55	< 10	< 1	0.14	< 10
147038	0.007	0.4	0.6	28	460	15	19	91	181	0.78	12	< 10	24	< 0.5	< 2	2.28	9	18	2.23	< 10	< 1	0.09	< 10
147039	< 0.005	< 0.2	< 0.5	< 1	101	< 1	< 1	< 2	< 2	0.03	< 2	< 10	14	< 0.5	< 2	> 10.0	< 1	2	0.10	< 10	< 1	< 0.01	< 10
147040	0.012	0.9	1.4	81	983	493	81	79	310	1.32	20	< 10	46	< 0.5	2	1.73	22	23	3.42	< 10	< 1	0.23	16
147041	0.017	0.3	0.8	57	867	90	89	27	368	1.06	93	< 10	42	< 0.5	< 2	1.41	25	27	3.18	< 10	< 1	0.22	21
147042	0.009	0.4	3.5	46	745	6	52	293	515	1.01	29	< 10	45	< 0.5	< 2	2.83	18	23	2.64	< 10	< 1	0.21	27
147043	0.005	< 0.2	< 0.5	41	394	2	18	56	132	1.11	10	< 10	46	< 0.5	< 2	2.41	8	21	1.96	< 10	< 1	0.21	10
147044	1.75	0.4	< 0.5	169	764	1	93	7	68	3.89	14	16	23	< 0.5	< 2	3.05	28	118	5.85	10	< 1	0.08	< 10
147045	0.005	< 0.2	0.5	39	282	20	17	42	89	1.09	11	< 10	43	< 0.5	< 2	1.96	8	18	1.88	< 10	< 1	0.19	< 10
147046	0.009	< 0.2	< 0.5	27	282	2	16	42	78	1.08	3	< 10	36	< 0.5	< 2	2.31	7	21	1.86	< 10	< 1	0.17	< 10
147047	0.015	< 0.2	< 0.5	17	230	< 1	15	4	39	0.96	6	< 10	36	< 0.5	< 2	1.93	7	19	1.89	< 10	< 1	0.19	< 10
147048	0.016	< 0.2	< 0.5	20	256	< 1	16	8	53	1.19	< 2	< 10	29	< 0.5	< 2	1.78	7	22	1.88	< 10	< 1	0.14	< 10
147049	0.006	< 0.2	< 0.5	16	265	< 1	15	7	50	1.26	< 2	< 10	29	< 0.5	< 2	1.75	7	24	1.83	< 10	< 1	0.11	< 10
147050	0.008	< 0.2	< 0.5	15	256	< 1	15	10	54	1.29	2	< 10	31	< 0.5	< 2	1.75	7	22	1.89	< 10	< 1	0.13	< 10
147051	0.006	< 0.2	< 0.5	19	257	< 1	16	9	56	1.25	< 2	< 10	30	< 0.5	< 2	1.91	7	22	1.85	< 10	< 1	0.12	< 10
147052	0.005	< 0.2	< 0.5	14	244	< 1	16	16	65	1.32	3	< 10	36	< 0.5	< 2	2.01	7	17	1.80	< 10	< 1	0.13	< 10
147053	0.011	< 0.2	< 0.5	16	268	< 1	16	9	47	1.08	6	< 10	42	< 0.5	< 2	2.95	8	17	1.73	< 10	< 1	0.15	< 10
147054	0.005	< 0.2	< 0.5	16	264	< 1	18	13	55	1.33	2	< 10	36	< 0.5	< 2	1.82	7	19	1.88	< 10	< 1	0.12	< 10
147055	0.005	< 0.2	< 0.5	16	276	2	16	15	62	1.33	< 2	< 10	35	< 0.5	< 2	1.91	7	25	1.87	< 10	< 1	0.09	10
147056	0.030	0.8	3.8	221	79	4	121	201	2060	0.94	152	< 10	42	0.5	< 2	0.37	36	19	3.18	< 10	< 1	0.22	< 10
147057	0.022	1.1	5.2	288	81	6	220	226	2770	0.79	273	< 10	30	0.7	< 2	0.66	63	29	4.18	< 10	< 1	0.19	< 10
147058	0.006	< 0.2	< 0.5	60	523	< 1	178	65	198	1.94	64	< 10	< 10	< 0.5	< 2	4.20	26	222	4.26	< 10	< 1	0.02	< 10
147059	0.024	5.1	7.6	465	168	5	216	405	2450	1.39	247	< 10	29	< 0.5	< 2	0.65	47	83	5.33	< 10	< 1	0.16	14
147060	0.006	0.2	3.3	84	477	1	212	74	702	2.70	177	< 10	16	< 0.5	< 2	2.19	30	238	4.65	< 10	< 1	0.05	< 10
147061	0.015	1.0	5.2	312	200	5	183	194	1900	0.82	247	< 10	39	< 0.5	< 2	2.83	48	29	4.29	< 10	< 1	0.18	24
147062	0.005	< 0.2	< 0.5	70	582	< 1	200	9	96	2.03	83	< 10	< 10	< 0.5	< 2	5.08	26	238	4.54	< 10	< 1	0.02	< 10
147063	0.006	< 0.2	< 0.5	52	534	< 1	140	16	79	2.08	69	< 10	10	< 0.5	< 2	3.97	24	206	4.45	< 10	< 1	0.04	< 10
147064	0.334	< 0.2	< 0.5	111	717	< 1	95	< 2	65	2.59	< 2	22	26	< 0.5	< 2	1.96	26	55	5.69	< 10	< 1	0.05	< 10
147065	< 0.005	< 0.2	< 0.5	72	554	< 1	209	17	139	1.97	97	< 10	< 10	< 0.5	< 2	4.22	28	254	4.44	< 10	< 1	0.02	< 10
147066	0.006	< 0.2	< 0.5	85	550	< 1	238	12	87	2.17	123	< 10	< 10	< 0.5	< 2	3.76	31	287	4.70	10	< 1	0.02	11
147067	0.005	< 0.2	< 0.5	120	624	< 1	197	33	183	2.17	103	< 10	< 10	< 0.5	< 2	4.47	27	235	4.51	< 10	< 1	0.02	12
147068	0.017	0.7	7.1	322	355	4	158	172	2540	0.56	289	< 10	36	< 0.5	< 2	4.84	38	20	3.78	< 10	< 1	0.13	20
147069	0.006	< 0.2	< 0.5	19	209	< 1	32	13	52	0.73	41	< 10	27	< 0.5	< 2	1.91	10	26	2.47	< 10	< 1	0.12	17
147070	0.005	< 0.2	< 0.5	43	592	< 1	203	20	91	2.13	65	< 10	< 10	< 0.5	< 2	4.38	28	258	4.62	< 10	< 1	0.01	10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147036	0.91	0.057	0.060	0.81	< 2	2	24	0.08	< 20	1	< 2	< 10	34	< 10	2	19
147037	0.77	0.056	0.059	1.11	< 2	1	29	0.09	< 20	< 1	< 2	< 10	27	< 10	3	22
147038	0.54	0.072	0.056	1.22	< 2	1	41	0.05	< 20	2	< 2	< 10	22	< 10	3	15
147039	0.62	0.010	0.008	< 0.01	< 2	< 1	56	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1
147040	0.64	0.035	0.069	2.13	< 2	2	28	0.11	< 20	2	< 2	< 10	21	< 10	6	31
147041	0.56	0.026	0.060	2.83	2	1	23	0.13	< 20	2	< 2	< 10	14	< 10	7	35
147042	0.50	0.023	0.058	1.87	< 2	1	33	0.09	< 20	3	< 2	< 10	12	< 10	7	28
147043	0.61	0.054	0.049	0.57	< 2	< 1	41	0.05	< 20	< 1	< 2	< 10	15	< 10	2	15
147044	2.22	0.051	0.035	0.27	< 2	5	37	0.36	< 20	2	< 2	< 10	147	< 10	9	14
147045	0.62	0.056	0.048	0.33	< 2	< 1	38	0.05	< 20	2	< 2	< 10	17	< 10	2	13
147046	0.65	0.061	0.046	0.38	< 2	< 1	40	0.04	< 20	< 1	< 2	< 10	19	< 10	2	12
147047	0.56	0.056	0.047	0.65	< 2	< 1	31	0.05	< 20	3	< 2	< 10	15	< 10	2	11
147048	0.69	0.076	0.046	0.22	< 2	1	40	0.05	< 20	< 1	< 2	< 10	25	< 10	2	10
147049	0.70	0.074	0.046	0.08	< 2	1	42	0.06	< 20	< 1	< 2	< 10	27	< 10	2	10
147050	0.72	0.080	0.046	0.16	< 2	1	46	0.06	< 20	2	< 2	< 10	26	< 10	2	11
147051	0.73	0.073	0.047	0.22	< 2	1	44	0.06	< 20	2	< 2	< 10	26	< 10	3	12
147052	0.69	0.067	0.047	0.13	< 2	1	52	0.06	< 20	< 1	< 2	< 10	23	< 10	3	11
147053	0.58	0.059	0.047	0.45	< 2	< 1	44	0.06	< 20	2	< 2	< 10	17	< 10	3	11
147054	0.73	0.077	0.048	0.11	< 2	1	48	0.06	< 20	2	< 2	< 10	29	< 10	3	11
147055	0.72	0.078	0.047	0.12	< 2	2	65	0.06	< 20	2	< 2	< 10	30	< 10	3	12
147056	0.62	0.060	0.058	3.16	< 2	2	15	0.02	< 20	< 1	< 2	< 10	13	< 10	4	24
147057	0.45	0.041	0.060	5.08	2	2	18	0.02	< 20	< 1	< 2	< 10	11	< 10	8	35
147058	2.80	0.027	0.090	4.58	< 2	6	54	0.01	< 20	3	< 2	< 10	70	< 10	3	13
147059	1.33	0.031	0.070	6.27	3	3	22	0.02	< 20	2	< 2	< 10	26	< 10	6	31
147060	3.78	0.035	0.090	4.47	2	5	39	< 0.01	< 20	< 1	< 2	< 10	65	< 10	3	12
147061	0.49	0.026	0.056	5.41	3	2	21	< 0.01	< 20	< 1	< 2	< 10	12	< 10	8	31
147062	3.11	0.035	0.086	4.91	2	7	81	0.15	< 20	< 1	< 2	< 10	78	< 10	3	14
147063	2.93	0.033	0.104	4.49	< 2	6	45	0.10	< 20	< 1	3	< 10	73	< 10	3	14
147064	2.12	0.139	0.081	0.09	2	4	43	0.31	< 20	3	< 2	< 10	103	< 10	12	20
147065	3.01	0.030	0.095	5.12	< 2	7	56	0.11	< 20	< 1	< 2	< 10	81	< 10	4	16
147066	3.35	0.026	0.091	5.24	< 2	9	49	0.13	< 20	< 1	< 2	< 10	87	< 10	4	13
147067	3.09	0.026	0.093	5.01	4	6	51	0.05	< 20	< 1	< 2	< 10	71	< 10	4	14
147068	0.38	0.035	0.051	4.73	2	3	52	< 0.01	< 20	3	< 2	< 10	9	< 10	7	26
147069	0.73	0.076	0.058	2.52	< 2	1	17	0.01	< 20	< 1	< 2	< 10	26	< 10	5	8
147070	3.19	0.028	0.098	5.08	3	8	39	0.07	< 20	< 1	< 2	< 10	78	< 10	5	12

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	71	1010	2	25	91	118	6.85	206	< 10	907	0.8	< 2	0.14	10	74	5.76	20	< 1	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	574	1390				> 5000	> 10000		204						87		11.5				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	602	1390				> 5000	> 10000		202						88		11.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		> 100	304	358				> 5000	> 10000		131		31				19		7.98				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.2	301	319				> 5000	> 10000		126		21				19		7.55				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2270	771	< 1	41	60	262	2.83	6		78	0.7	8	0.34	16	44	5.47	< 10		0.45	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		1.7	< 0.5	2380	781	< 1	42	61	263	2.92	7		81	0.7	7	0.36	16	44	5.50	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4530	896	< 1	37	83	350	2.92	6		66	0.6	24	0.35	19	41	6.25	< 10		0.37	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	0.5	4460	894	< 1	35	82	348	2.94	5		60	0.6	21	0.35	18	41	6.24	< 10		0.39	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6620	369	6	6	38	156	1.17	34		255	1.0	23	0.27	41	10	8.36	20		0.38	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.343																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.3	269	3630	575	14	32	> 5000	> 10000	1.74	73			0.6	4	1.64	28	34	3.61	10	3	0.34	20
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																							
Oreas 621 (Aqua Regia) Meas		66.2	274	3410	549	13	25	> 5000	> 10000	1.66	68			0.5	4	1.60	27	31	3.47	10	3	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147038 Orig		0.5	0.6	28	455	15	19	92	182	0.79	13	< 10	24	< 0.5	< 2	2.28	9	18	2.23	< 10	< 1	0.09	< 10
147038 Dup		0.4	0.6	28	465	15	19	91	179	0.77	12	< 10	24	< 0.5	< 2	2.27	9	17	2.24	< 10	< 1	0.08	< 10
147045 Orig	0.006																						
147045 Dup	0.005																						
147046 Orig		< 0.2	< 0.5	27	284	2	16	44	78	1.09	4	< 10	37	< 0.5	< 2	2.34	7	21	1.84	< 10	< 1	0.16	< 10
147046 Dup		< 0.2	< 0.5	27	279	2	17	41	77	1.07	3	< 10	35	< 0.5	< 2	2.29	7	22	1.88	< 10	< 1	0.17	< 10
147055 Orig	0.006																						
147055 Dup	0.005																						
147065 Orig	0.005																						
147065 Dup	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.37	0.062	0.032	0.01	5	15	29		< 20	< 1	< 2	< 10	154	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.0	162											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.6	143											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.023	0.064	0.38	2	3	15		< 20		< 2	< 10	32	< 10	18	28
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.32	0.024	0.064	0.39	< 2	3	16		< 20		< 2	< 10	33	< 10	18	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.39		0.061	0.67	3	3	14		< 20		< 2	< 10	33	< 10	16	30
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.39		0.062	0.69	7	3	14		< 20		< 2	< 10	32	< 10	16	30
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.22	0.084	0.026	0.07	5	2	13	0.02	< 20	< 1	< 2	< 10	7	< 10	8	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.134	0.035	4.91	138	2	19		< 20		< 2	< 10	13	< 10	8	64
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																
Oreas 621 (Aqua Regia) Meas	0.43	0.132	0.035	4.69	122	2	18		< 20		< 2	< 10	12	< 10	7	59
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147038 Orig	0.55	0.075	0.056	1.21	< 2	1	40	0.05	< 20	1	< 2	< 10	22	< 10	3	15
147038 Dup	0.54	0.068	0.056	1.23	< 2	1	41	0.05	< 20	2	< 2	< 10	22	< 10	3	15
147045 Orig																
147045 Dup																
147046 Orig	0.65	0.057	0.047	0.38	< 2	< 1	40	0.04	< 20	< 1	< 2	< 10	19	< 10	2	12
147046 Dup	0.65	0.064	0.046	0.38	< 2	< 1	39	0.04	< 20	< 1	< 2	< 10	19	< 10	2	12
147055 Orig																
147055 Dup																
147065 Orig																
147065 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04204**
Report Date: **29-Apr-20**
Date Submitted: **10-Apr-20**
Your Reference: **April 10/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 15:07:40
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-22 09:46:58

REPORT **A20-04204**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

Footnote: Sample 147080 is insufficient for 1E3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147071	< 0.005	< 0.2	1.1	65	559	11	205	25	357	2.34	118	< 10	11	< 0.5	< 2	3.85	30	285	4.62	< 10	< 1	0.02	< 10
147072	0.015	1.4	8.8	436	129	6	161	272	3110	0.67	267	< 10	35	< 0.5	< 2	1.02	49	12	4.18	< 10	< 1	0.19	23
147073	0.020	1.5	11.9	349	123	7	187	398	4180	0.63	266	< 10	34	< 0.5	< 2	1.14	54	9	4.37	< 10	< 1	0.20	22
147074	0.018	1.4	11.9	404	121	6	177	462	4150	0.61	237	< 10	40	1.2	< 2	1.26	54	10	3.66	< 10	< 1	0.21	27
147075	0.017	1.3	12.3	262	130	115	171	625	4160	0.67	317	< 10	27	< 0.5	< 2	1.10	51	14	5.08	< 10	< 1	0.15	17
147076	< 0.005	< 0.2	< 0.5	38	216	2	28	22	125	0.92	28	< 10	40	< 0.5	< 2	1.95	11	21	2.53	< 10	< 1	0.12	< 10
147077	< 0.005	< 0.2	< 0.5	31	220	68	27	20	70	0.99	21	< 10	34	< 0.5	< 2	1.63	10	20	2.42	< 10	< 1	0.11	12
147078	< 0.005	< 0.2	< 0.5	20	196	< 1	28	13	43	0.67	48	< 10	37	< 0.5	< 2	1.67	11	18	2.54	< 10	< 1	0.13	< 10
147079	< 0.005	< 0.2	0.5	27	200	13	28	18	156	0.85	81	< 10	34	< 0.5	< 2	1.36	11	20	2.57	< 10	< 1	0.12	15
147080	1.74																						
147081	0.007	< 0.2	1.3	33	259	1	27	127	375	0.84	99	< 10	32	< 0.5	< 2	2.10	10	20	2.45	< 10	< 1	0.09	15
147082	0.007	0.3	3.9	30	203	< 1	29	386	967	0.70	174	< 10	24	< 0.5	< 2	1.37	12	22	2.38	< 10	< 1	0.08	< 10
147083	0.005	< 0.2	0.7	30	236	< 1	27	144	173	0.93	113	< 10	28	< 0.5	< 2	1.17	11	23	2.50	< 10	< 1	0.09	64
147084	0.013	0.2	1.9	75	181	< 1	39	181	403	0.73	154	< 10	22	< 0.5	< 2	1.23	13	20	2.58	< 10	< 1	0.08	16
147085	0.011	0.5	2.5	51	426	2	84	1230	672	0.40	163	< 10	10	< 0.5	< 2	7.18	52	18	2.09	< 10	< 1	0.03	< 10
147086	0.006	< 0.2	0.6	16	376	< 1	38	87	155	0.65	86	< 10	24	< 0.5	< 2	4.89	20	21	2.27	< 10	< 1	0.07	< 10
147087	0.005	< 0.2	0.7	9	362	< 1	38	59	226	0.36	115	< 10	11	< 0.5	< 2	5.48	21	20	1.56	< 10	< 1	0.04	< 10
147088	0.021	1.3	3.7	221	313	4	131	694	1090	1.15	176	< 10	41	< 0.5	< 2	3.61	48	24	5.07	< 10	< 1	0.25	15
147089	0.005	0.2	3.4	190	1160	< 1	66	248	1120	3.68	22	< 10	14	1.0	< 2	3.51	28	145	8.18	20	< 1	0.04	< 10
147090	0.006	0.2	< 0.5	126	1120	< 1	51	49	148	3.59	8	< 10	16	< 0.5	< 2	3.75	29	94	8.27	10	< 1	0.03	< 10
147091	< 0.005	< 0.2	< 0.5	145	948	< 1	43	5	81	3.67	2	< 10	19	< 0.5	< 2	2.76	27	79	7.43	10	< 1	0.04	< 10
147092	0.086	< 0.2	< 0.5	134	977	< 1	45	9	95	3.49	4	< 10	19	0.6	< 2	2.67	28	94	7.43	10	< 1	0.04	< 10
147093	0.005	< 0.2	< 0.5	13	280	< 1	24	9	95	1.25	14	< 10	36	< 0.5	< 2	1.01	9	26	2.68	< 10	< 1	0.11	< 10
147094	0.007	< 0.2	< 0.5	42	318	2	24	7	60	1.13	44	< 10	40	< 0.5	< 2	2.24	10	26	2.49	< 10	< 1	0.11	< 10
147095	< 0.005	< 0.2	< 0.5	1	111	< 1	< 1	< 2	< 2	0.03	< 2	< 10	13	< 0.5	< 2	> 10.0	< 1	1	0.10	< 10	< 1	< 0.01	< 10
147096	< 0.005	< 0.2	< 0.5	41	332	1	25	11	100	1.26	38	< 10	31	< 0.5	< 2	1.70	10	28	2.36	< 10	< 1	0.10	< 10
147097	0.006	< 0.2	< 0.5	23	231	< 1	26	9	109	0.85	27	< 10	42	< 0.5	< 2	1.68	10	24	2.38	< 10	< 1	0.14	< 10
147098	0.006	< 0.2	< 0.5	27	211	< 1	28	11	111	0.84	39	< 10	40	< 0.5	< 2	1.37	10	25	2.43	< 10	< 1	0.13	< 10
147099	0.005	0.2	0.8	17	256	< 1	27	29	200	0.69	35	< 10	30	< 0.5	< 2	3.52	10	23	2.36	< 10	< 1	0.10	< 10
147100	< 0.005	< 0.2	0.7	32	222	2	28	25	148	0.95	23	< 10	26	< 0.5	< 2	1.38	10	25	2.41	< 10	< 1	0.09	11
147101	0.028	4.9	5.6	171	256	1970	102	150	2060	0.72	100	< 10	< 10	< 0.5	7	3.38	24	34	2.90	< 10	< 1	0.02	11
147102	6.08	1.1	< 0.5	141	657	5	107	19	68	3.13	31	28	38	< 0.5	< 2	2.68	27	275	5.57	10	< 1	0.14	< 10
147103	0.007	0.2	1.2	59	252	36	34	50	371	1.01	31	< 10	30	< 0.5	< 2	2.12	11	28	2.42	< 10	< 1	0.09	< 10
147104	0.006	0.2	4.4	104	509	3	29	70	382	0.74	23	< 10	20	< 0.5	< 2	8.83	8	21	1.89	< 10	< 1	0.06	< 10
147105	0.008	0.5	6.5	112	204	10	96	176	1450	1.49	99	< 10	49	< 0.5	< 2	1.31	29	27	3.72	< 10	< 1	0.23	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147071	3.39	0.028	0.085	4.54	< 2	8	42	0.15	< 20	< 1	< 2	< 10	81	< 10	4	16
147072	0.38	0.039	0.055	4.69	4	2	14	< 0.01	< 20	5	< 2	< 10	8	< 10	7	33
147073	0.32	0.032	0.058	5.05	4	2	14	< 0.01	< 20	2	< 2	< 10	6	< 10	7	36
147074	0.27	0.036	0.063	4.10	3	2	15	< 0.01	< 20	3	< 2	< 10	8	< 10	12	32
147075	0.39	0.035	0.053	5.86	3	2	14	0.01	< 20	3	< 2	< 10	15	< 10	6	27
147076	0.75	0.049	0.058	1.98	< 2	1	21	0.06	< 20	2	< 2	< 10	27	< 10	3	21
147077	0.85	0.051	0.057	1.65	< 2	1	17	0.05	< 20	6	< 2	< 10	33	< 10	3	19
147078	0.63	0.046	0.059	2.52	< 2	1	16	0.06	< 20	2	< 2	< 10	17	< 10	3	23
147079	0.81	0.063	0.059	2.32	< 2	2	16	0.08	< 20	< 1	< 2	< 10	26	< 10	3	22
147080																
147081	0.83	0.046	0.059	2.09	< 2	1	17	0.04	< 20	< 1	< 2	< 10	30	< 10	3	16
147082	0.70	0.051	0.058	2.24	< 2	2	13	0.06	< 20	4	< 2	< 10	31	< 10	2	15
147083	0.86	0.063	0.057	1.91	< 2	2	12	0.04	< 20	3	< 2	< 10	36	< 10	3	16
147084	0.67	0.047	0.055	2.54	< 2	1	9	< 0.01	< 20	< 1	< 2	< 10	29	< 10	3	13
147085	0.30	0.032	0.029	1.95	< 2	3	36	< 0.01	< 20	< 1	< 2	< 10	18	< 10	7	11
147086	0.62	0.044	0.048	2.10	< 2	2	46	< 0.01	< 20	< 1	< 2	< 10	22	< 10	4	12
147087	0.32	0.036	0.029	1.39	< 2	2	64	< 0.01	< 20	2	< 2	< 10	15	< 10	3	6
147088	0.65	0.035	0.046	4.90	3	4	19	0.01	< 20	< 1	< 2	< 10	26	< 10	8	31
147089	3.09	0.096	0.055	0.31	2	23	33	0.26	< 20	2	< 2	< 10	244	< 10	17	17
147090	2.67	0.141	0.050	0.24	3	18	40	0.33	< 20	< 1	< 2	< 10	206	< 10	16	20
147091	2.18	0.227	0.056	0.15	3	14	43	0.34	< 20	2	< 2	< 10	203	< 10	16	22
147092	2.33	0.177	0.054	0.23	2	17	40	0.29	< 20	< 1	< 2	< 10	213	< 10	16	18
147093	1.09	0.063	0.056	1.42	< 2	2	13	0.07	< 20	< 1	< 2	< 10	36	< 10	3	23
147094	0.98	0.060	0.057	1.53	< 2	2	29	0.08	< 20	1	< 2	< 10	34	< 10	4	24
147095	1.08	0.012	0.006	< 0.01	< 2	< 1	51	< 0.01	< 20	5	< 2	< 10	< 1	< 10	2	< 1
147096	1.00	0.062	0.055	1.22	< 2	2	25	0.11	< 20	1	< 2	< 10	39	< 10	3	21
147097	0.77	0.058	0.055	2.12	< 2	1	18	0.12	< 20	4	< 2	< 10	26	< 10	3	22
147098	0.78	0.060	0.055	2.22	< 2	2	18	0.10	< 20	3	< 2	< 10	30	< 10	3	20
147099	0.67	0.049	0.051	2.27	< 2	2	35	0.08	< 20	3	< 2	< 10	25	< 10	4	16
147100	0.90	0.065	0.053	1.74	< 2	2	17	0.08	< 20	2	< 2	< 10	38	< 10	3	15
147101	0.48	0.041	0.157	2.30	< 2	3	36	0.03	< 20	5	< 2	< 10	28	< 10	9	14
147102	2.52	0.060	0.037	0.49	3	7	34	0.34	< 20	1	< 2	< 10	142	< 10	10	17
147103	0.83	0.058	0.055	1.54	< 2	1	30	0.06	< 20	< 1	< 2	< 10	31	< 10	3	16
147104	0.59	0.033	0.032	1.12	< 2	1	231	0.03	< 20	2	< 2	< 10	18	< 10	3	9
147105	0.85	0.050	0.057	2.72	< 2	2	17	0.05	< 20	3	< 2	< 10	27	< 10	4	28

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	68	993	1	21	89	118	6.86	226	< 10	864	0.8	< 2	0.14	11	75	5.54	20	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	70	1040	2	21	93	126	7.16	230	< 10	896	0.9	< 2	0.15	11	79	5.62	20	< 1	0.95	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	591	1370				> 5000	> 10000		225						88		12.1				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	624	1490				> 5000	> 10000		238						96		13.0				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1380				> 5000	> 10000		224						93		11.9				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		95.8	309	310				> 5000	> 10000		143		26				19		7.73				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		97.3	306	327				> 5000	> 10000		138		20				20		7.77				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.0	306	339				> 5000	> 10000		137		20				20		7.94				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2290	777	< 1	33	57	267	2.93	5		75	0.7	8	0.36	17	44	5.48	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2260	788	< 1	31	61	278	2.95	7		76	0.7	9	0.37	18	45	5.40	< 10		0.42	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2130	737	< 1	30	58	264	2.79	5		69	0.7	5	0.36	17	43	5.09	< 10		0.42	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	0.5	4460	899	< 1	31	83	362	3.00	7		63	0.7	15	0.36	20	43	6.37	< 10		0.38	32
OREAS 923 (AQUA REGIA)		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4480	900	< 1	31	83	367	2.99	8		64	0.7	18	0.37	19	43	6.18	< 10		0.34	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4350	861	< 1	29	80	345	2.93	7		63	0.6	20	0.36	19	41	6.13	< 10		0.40	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.2	< 0.5	5960	302	4	4	31	131	0.99	34		197	0.9	17	0.22	36	8	7.70	20		0.29	32
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6230	348	6	6	38	158	1.15	36		231	1.0	19	0.27	42	9	8.10	20		0.30	38
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.326																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.7	283	3530	553	14	26	> 5000	> 10000	1.73	77			0.6	3	1.63	28	34	3.54	10	5	0.31	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.2	284	3650	535	13	24	> 5000	> 10000	1.74	73			0.5	< 2	1.58	27	33	3.61	10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147073 Orig		1.5	11.7	348	122	7	185	396	4150	0.62	262	< 10	34	< 0.5	< 2	1.13	54	9	4.32	< 10	< 1	0.19	22
147073 Dup		1.5	12.1	350	125	7	190	400	4200	0.64	270	< 10	34	< 0.5	< 2	1.15	55	10	4.42	< 10	< 1	0.20	23
147080 Orig	1.75																						
147080 Dup	1.72																						
147081 Orig		< 0.2	1.3	33	260	1	27	127	374	0.85	97	< 10	32	< 0.5	< 2	2.10	10	20	2.45	< 10	< 1	0.10	15
147081 Dup		< 0.2	1.3	34	258	1	27	127	375	0.82	100	< 10	31	< 0.5	< 2	2.09	10	20	2.46	< 10	< 1	0.09	15
147090 Orig	0.007																						
147090 Dup	0.005																						
Method Blank	< 0.005																						
Method Blank	0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 0.005																						
Method Blank	< 0.005																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.35	0.061	0.033	0.01	5	16	31		< 20	< 1	< 2	< 10	156	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.37	0.062	0.034	0.01	7	17	33		< 20	< 1	< 2	< 10	164	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				17.5												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				17.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.2	159											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				11.8	154											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.1	147											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.024	0.066	0.38	3	3	16		< 20		< 2	< 10	33	< 10	18	30
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.30	0.021	0.067	0.38	3	3	16		< 20		< 2	< 10	34	< 10	19	31
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.27	0.021	0.063	0.35	< 2	3	15		< 20		< 2	< 10	32	< 10	17	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.41		0.063	0.69	3	3	14		< 20		< 2	< 10	33	< 10	16	32
OREAS 923 (AQUA REGIA)	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																
OREAS 923 (AQUA REGIA) Meas	1.39		0.064	0.69	2	3	14		< 20		< 2	< 10	34	< 10	17	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.36		0.061	0.67	3	3	14		< 20		< 2	< 10	32	< 10	16	32
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.20	0.071	0.024	0.06	5	2	11	0.02	< 20	< 1	< 2	< 10	5	< 10	6	43
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.071	0.026	0.07	7	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.43	0.122	0.035	4.72	135	2	18		< 20		9	< 10	12	< 10	8	65
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.141	0.034	4.67	130	2	18		< 20		9	< 10	12	< 10	7	62
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147073 Orig	0.32	0.031	0.057	4.95	4	2	14	< 0.01	< 20	3	< 2	< 10	7	< 10	7	35
147073 Dup	0.33	0.033	0.058	5.16	4	2	14	< 0.01	< 20	2	< 2	< 10	6	< 10	7	36
147080 Orig																
147080 Dup																
147081 Orig	0.84	0.046	0.059	2.07	< 2	1	18	0.04	< 20	< 1	< 2	< 10	30	< 10	3	16
147081 Dup	0.82	0.045	0.058	2.11	< 2	1	17	0.04	< 20	2	< 2	< 10	30	< 10	3	16
147090 Orig																
147090 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	2	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04205**
Report Date: **29-Apr-20**
Date Submitted: **10-Apr-20**
Your Reference: **April 10/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 15:32:29
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-22 09:46:58

REPORT **A20-04205**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

Footnote: Sample 147125 is insufficient for 1E3.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147106	0.008	0.5	1.8	68	232	< 1	35	77	613	0.90	82	< 10	36	< 0.5	< 2	2.60	11	23	2.52	< 10	< 1	0.13	< 10
147107	0.009	0.4	2.1	87	194	2	56	105	794	0.70	69	< 10	52	< 0.5	< 2	2.59	18	14	2.64	< 10	< 1	0.18	< 10
147108	< 0.005	< 0.2	< 0.5	30	133	< 1	14	13	136	0.75	16	< 10	63	< 0.5	< 2	1.30	8	10	2.00	< 10	< 1	0.21	< 10
147109	0.339	< 0.2	< 0.5	109	678	< 1	84	4	63	2.52	2	21	26	< 0.5	< 2	1.90	26	54	5.38	< 10	< 1	0.05	< 10
147110	< 0.005	< 0.2	< 0.5	30	159	< 1	15	11	81	0.79	23	< 10	57	< 0.5	< 2	1.40	8	12	2.30	< 10	< 1	0.20	< 10
147111	< 0.005	< 0.2	0.6	26	212	2	14	45	213	1.03	29	< 10	50	< 0.5	< 2	1.78	7	15	1.86	< 10	< 1	0.16	< 10
147112	< 0.005	< 0.2	< 0.5	26	233	< 1	13	26	170	1.06	6	< 10	52	< 0.5	< 2	2.13	7	14	1.82	< 10	< 1	0.15	< 10
147113	< 0.005	< 0.2	< 0.5	22	253	1	12	62	154	1.14	13	< 10	47	< 0.5	< 2	2.16	7	13	2.03	< 10	< 1	0.14	19
147114	< 0.005	< 0.2	< 0.5	26	304	1	14	52	151	1.09	4	< 10	51	< 0.5	< 2	1.56	7	14	2.70	< 10	< 1	0.17	12
147115	< 0.005	0.3	1.1	32	211	2	14	234	339	1.05	4	< 10	51	< 0.5	< 2	1.90	7	13	1.75	< 10	< 1	0.16	< 10
147116	< 0.005	0.3	0.7	50	220	< 1	12	129	236	0.90	5	< 10	55	< 0.5	< 2	2.51	7	9	1.67	< 10	< 1	0.20	< 10
147117	< 0.005	< 0.2	< 0.5	< 1	100	< 1	< 1	< 2	< 2	0.02	< 2	< 10	16	< 0.5	< 2	> 10.0	< 1	< 1	0.09	< 10	< 1	0.01	< 10
147118	< 0.005	< 0.2	< 0.5	26	214	< 1	13	51	186	0.97	5	< 10	46	< 0.5	< 2	1.88	7	11	1.82	< 10	< 1	0.15	< 10
147119	< 0.005	< 0.2	< 0.5	13	252	< 1	13	29	115	1.06	18	< 10	47	< 0.5	< 2	1.82	7	14	1.81	< 10	< 1	0.14	< 10
147120	< 0.005	< 0.2	< 0.5	23	212	< 1	12	42	120	1.05	11	< 10	50	< 0.5	< 2	2.21	6	13	1.74	< 10	< 1	0.14	< 10
147121	< 0.005	< 0.2	< 0.5	39	220	< 1	13	7	53	0.95	3	< 10	50	< 0.5	< 2	2.58	7	8	1.73	< 10	< 1	0.16	< 10
147122	< 0.005	< 0.2	< 0.5	38	181	< 1	13	5	44	0.95	2	< 10	47	< 0.5	< 2	1.61	7	8	1.62	< 10	< 1	0.14	< 10
147123	< 0.005	< 0.2	< 0.5	21	234	< 1	12	6	48	1.08	16	< 10	50	< 0.5	< 2	1.67	7	10	1.73	< 10	< 1	0.16	< 10
147124	< 0.005	< 0.2	< 0.5	20	259	< 1	14	13	75	1.22	3	< 10	50	< 0.5	< 2	1.73	8	13	1.82	< 10	< 1	0.15	< 10
147125	0.323																						
147126	< 0.005	< 0.2	1.8	18	280	1	15	189	595	1.25	8	< 10	55	< 0.5	< 2	1.59	7	13	1.77	< 10	< 1	0.16	< 10
147127	< 0.005	< 0.2	0.7	25	242	1	13	81	309	1.08	18	< 10	49	< 0.5	< 2	2.02	7	9	1.91	< 10	< 1	0.17	< 10
147128	0.021	0.2	1.1	23	246	< 1	12	77	234	1.10	37	< 10	46	< 0.5	< 2	2.05	6	12	1.75	< 10	< 1	0.17	< 10
147129	< 0.005	0.3	21.9	51	231	< 1	13	2030	6210	1.00	32	< 10	44	< 0.5	< 2	1.32	6	10	1.23	< 10	< 1	0.16	< 10
147130	0.017	1.4	5.0	138	359	2	93	2000	1880	1.10	175	< 10	18	< 0.5	< 2	0.90	40	15	9.44	< 10	1	0.22	< 10
147131	0.032	2.2	0.6	56	538	1	124	199	295	0.94	195	< 10	15	< 0.5	< 2	1.57	36	20	15.2	< 10	< 1	0.19	< 10
147132	6.58	1.0	< 0.5	140	662	3	105	20	69	3.14	32	28	39	< 0.5	< 2	2.64	27	274	5.55	10	< 1	0.14	< 10
147133	0.009	0.5	1.1	69	1100	3	65	306	453	1.97	22	< 10	35	< 0.5	< 2	1.96	11	27	7.91	< 10	< 1	0.20	< 10
147134	< 0.005	0.3	1.0	16	1930	< 1	31	78	427	2.55	6	< 10	39	< 0.5	< 2	1.54	8	25	6.72	< 10	< 1	0.21	< 10
147135	0.005	0.4	8.2	66	2140	2	60	686	2330	2.80	31	< 10	60	< 0.5	< 2	4.15	12	70	6.85	< 10	< 1	0.19	< 10
147136	< 0.005	0.3	1.3	87	776	< 1	82	123	431	2.76	22	< 10	21	< 0.5	< 2	2.35	18	147	4.88	10	< 1	0.06	15
147137	0.007	0.3	0.6	90	960	1	82	45	239	3.04	3	< 10	26	< 0.5	< 2	2.31	18	153	5.37	10	< 1	0.09	17
147138	< 0.005	< 0.2	< 0.5	49	666	< 1	99	9	112	2.35	7	< 10	22	< 0.5	< 2	1.55	23	96	3.56	10	< 1	0.09	14
147139	< 0.005	< 0.2	< 0.5	60	765	< 1	93	7	100	2.92	6	< 10	23	< 0.5	< 2	2.00	23	100	4.38	10	< 1	0.09	12
147140	< 0.005	< 0.2	< 0.5	56	690	< 1	90	< 2	70	2.65	4	< 10	21	< 0.5	< 2	1.86	22	79	4.15	10	< 1	0.08	13

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147106	0.69	0.090	0.050	1.94	< 2	2	32	0.08	< 20	3	< 2	< 10	30	< 10	6	15
147107	0.37	0.058	0.041	2.50	< 2	2	21	0.05	< 20	2	< 2	< 10	14	< 10	6	21
147108	0.45	0.085	0.042	1.94	< 2	< 1	16	0.08	< 20	1	< 2	< 10	15	< 10	3	21
147109	2.05	0.132	0.080	0.08	< 2	4	41	0.30	< 20	3	< 2	< 10	101	< 10	12	20
147110	0.54	0.088	0.046	2.08	< 2	< 1	17	0.10	< 20	< 1	< 2	< 10	16	< 10	3	22
147111	0.68	0.084	0.042	0.98	< 2	1	19	0.07	< 20	3	< 2	< 10	22	< 10	3	16
147112	0.63	0.074	0.041	0.58	< 2	1	24	0.06	< 20	< 1	< 2	< 10	21	< 10	2	16
147113	0.70	0.090	0.041	0.72	< 2	1	27	0.05	< 20	< 1	< 2	< 10	22	< 10	3	15
147114	0.62	0.078	0.043	0.53	< 2	< 1	23	0.05	< 20	< 1	< 2	< 10	17	< 10	2	17
147115	0.65	0.076	0.043	0.70	< 2	< 1	20	0.05	< 20	2	< 2	< 10	18	< 10	2	14
147116	0.53	0.068	0.039	0.91	< 2	< 1	28	0.02	< 20	1	< 2	< 10	12	< 10	2	13
147117	1.54	0.010	0.007	< 0.01	< 2	< 1	53	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1
147118	0.63	0.064	0.043	0.81	< 2	< 1	19	0.04	< 20	1	< 2	< 10	17	< 10	2	14
147119	0.65	0.076	0.041	0.44	< 2	1	18	0.07	< 20	< 1	< 2	< 10	22	< 10	2	14
147120	0.63	0.077	0.040	0.55	< 2	1	29	0.05	< 20	< 1	< 2	< 10	21	< 10	3	14
147121	0.56	0.054	0.041	0.95	< 2	< 1	38	0.03	< 20	< 1	< 2	< 10	12	< 10	2	13
147122	0.57	0.060	0.042	0.78	< 2	< 1	20	0.03	< 20	4	< 2	< 10	15	< 10	2	13
147123	0.60	0.063	0.042	0.51	< 2	< 1	22	0.04	< 20	2	< 2	< 10	16	< 10	2	13
147124	0.69	0.068	0.044	0.47	< 2	1	34	0.04	< 20	< 1	< 2	< 10	21	< 10	2	13
147125																
147126	0.68	0.077	0.043	0.40	< 2	1	30	0.04	< 20	< 1	< 2	< 10	25	< 10	2	14
147127	0.59	0.064	0.041	0.75	< 2	< 1	24	0.02	< 20	2	< 2	< 10	15	< 10	2	12
147128	0.63	0.076	0.041	0.47	< 2	< 1	21	0.02	< 20	< 1	< 2	< 10	17	< 10	2	12
147129	0.61	0.067	0.042	0.51	< 2	< 1	14	0.03	< 20	1	< 2	< 10	17	< 10	2	14
147130	0.56	0.019	0.041	10.6	6	< 1	12	0.04	< 20	1	< 2	< 10	10	< 10	4	32
147131	0.39	0.022	0.050	19.0	8	1	13	0.09	< 20	5	< 2	< 10	15	< 10	6	31
147132	2.51	0.059	0.037	0.51	3	7	35	0.33	< 20	2	< 2	< 10	141	< 10	10	17
147133	0.86	0.021	0.063	4.38	3	2	14	0.08	< 20	2	< 2	< 10	24	< 10	8	23
147134	1.46	0.022	0.051	2.77	3	2	14	0.05	< 20	< 1	< 2	< 10	27	< 10	5	18
147135	1.58	0.021	0.077	1.95	3	5	54	0.11	< 20	2	< 2	< 10	57	< 10	10	17
147136	2.14	0.050	0.109	0.17	< 2	8	24	0.26	< 20	2	< 2	< 10	111	< 10	12	18
147137	2.35	0.052	0.108	0.30	< 2	10	24	0.30	< 20	2	< 2	< 10	115	< 10	14	17
147138	1.92	0.069	0.086	0.04	< 2	7	47	0.34	< 20	5	< 2	< 10	91	< 10	10	16
147139	2.33	0.069	0.093	0.02	< 2	8	63	0.39	< 20	1	< 2	< 10	101	< 10	11	16
147140	2.13	0.086	0.085	0.03	< 2	8	53	0.36	< 20	6	< 2	< 10	89	< 10	10	17

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	68	993	1	21	89	118	6.86	226	< 10	864	0.8	< 2	0.14	11	75	5.54	20	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	70	1040	2	21	93	126	7.16	230	< 10	896	0.9	< 2	0.15	11	79	5.62	20	< 1	0.95	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	591	1370				> 5000	> 10000		225						88		12.1				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	624	1490				> 5000	> 10000		238						96		13.0				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1380				> 5000	> 10000		224						93		11.9				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		95.8	309	310				> 5000	> 10000		143		26				19		7.73				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		97.3	306	327				> 5000	> 10000		138		20				20		7.77				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.0	306	339				> 5000	> 10000		137		20				20		7.94				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2290	777	< 1	33	57	267	2.93	5		75	0.7	8	0.36	17	44	5.48	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2260	788	< 1	31	61	278	2.95	7		76	0.7	9	0.37	18	45	5.40	< 10		0.42	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2130	737	< 1	30	58	264	2.79	5		69	0.7	5	0.36	17	43	5.09	< 10		0.42	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	0.5	4460	899	< 1	31	83	362	3.00	7		63	0.7	15	0.36	20	43	6.37	< 10		0.38	32
OREAS 923 (AQUA REGIA)		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4480	900	< 1	31	83	367	2.99	8		64	0.7	18	0.37	19	43	6.18	< 10		0.34	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4350	861	< 1	29	80	345	2.93	7		63	0.6	20	0.36	19	41	6.13	< 10		0.40	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.2	< 0.5	5960	302	4	4	31	131	0.99	34		197	0.9	17	0.22	36	8	7.70	20		0.29	32
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6230	348	6	6	38	158	1.15	36		231	1.0	19	0.27	42	9	8.10	20		0.30	38
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.340																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.7	283	3530	553	14	26	> 5000	> 10000	1.73	77			0.6	3	1.63	28	34	3.54	10	5	0.31	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.2	284	3650	535	13	24	> 5000	> 10000	1.74	73			0.5	< 2	1.58	27	33	3.61	10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147115 Orig	< 0.005																						
147115 Dup	< 0.005																						
147121 Orig		< 0.2	< 0.5	40	223	< 1	13	7	53	0.96	3	< 10	51	< 0.5	< 2	2.60	7	9	1.73	< 10	< 1	0.16	< 10
147121 Dup		< 0.2	< 0.5	39	218	< 1	13	7	53	0.94	3	< 10	49	< 0.5	< 2	2.57	7	8	1.72	< 10	< 1	0.16	< 10
147125 Orig	0.329																						
147125 Dup	0.317																						
147134 Orig		0.3	0.8	17	1940	< 1	32	78	495	2.54	6	< 10	38	< 0.5	< 2	1.54	8	25	6.72	< 10	< 1	0.21	< 10
147134 Dup		0.2	1.2	16	1930	< 1	31	78	358	2.56	5	< 10	39	< 0.5	< 2	1.54	8	25	6.73	< 10	< 1	0.21	< 10
147135 Orig	0.005																						
147135 Dup	0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.35	0.061	0.033	0.01	5	16	31		< 20	< 1	< 2	< 10	156	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.37	0.062	0.034	0.01	7	17	33		< 20	< 1	< 2	< 10	164	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				17.5												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				17.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.2	159											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				11.8	154											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.1	147											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.024	0.066	0.38	3	3	16		< 20		< 2	< 10	33	< 10	18	30
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.30	0.021	0.067	0.38	3	3	16		< 20		< 2	< 10	34	< 10	19	31
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.27	0.021	0.063	0.35	< 2	3	15		< 20		< 2	< 10	32	< 10	17	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.41		0.063	0.69	3	3	14		< 20		< 2	< 10	33	< 10	16	32
OREAS 923 (AQUA REGIA)	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																
OREAS 923 (AQUA REGIA) Meas	1.39		0.064	0.69	2	3	14		< 20		< 2	< 10	34	< 10	17	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.36		0.061	0.67	3	3	14		< 20		< 2	< 10	32	< 10	16	32
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.20	0.071	0.024	0.06	5	2	11	0.02	< 20	< 1	< 2	< 10	5	< 10	6	43
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.071	0.026	0.07	7	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.43	0.122	0.035	4.72	135	2	18		< 20		9	< 10	12	< 10	8	65
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.141	0.034	4.67	130	2	18		< 20		9	< 10	12	< 10	7	62
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147115 Orig																
147115 Dup																
147121 Orig	0.57	0.054	0.042	0.95	< 2	< 1	38	0.03	< 20	1	< 2	< 10	13	< 10	2	13
147121 Dup	0.56	0.055	0.041	0.95	< 2	< 1	38	0.03	< 20	< 1	< 2	< 10	12	< 10	2	13
147125 Orig																
147125 Dup																
147134 Orig	1.45	0.021	0.050	2.79	3	2	14	0.05	< 20	< 1	< 2	< 10	27	< 10	5	18
147134 Dup	1.46	0.022	0.051	2.75	3	2	14	0.05	< 20	< 1	< 2	< 10	27	< 10	5	18
147135 Orig																
147135 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	2	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04206**
Report Date: **28-Apr-20**
Date Submitted: **10-Apr-20**
Your Reference: **April 10/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 14:45:01
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-21 09:43:36

REPORT **A20-04206**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147141	< 0.005	0.6	< 0.5	104	813	< 1	110	4	85	2.93	3	< 10	17	< 0.5	< 2	1.89	21	95	4.64	20	< 1	0.06	15
147142	< 0.005	< 0.2	< 0.5	99	784	1	144	< 2	69	2.54	3	< 10	12	< 0.5	< 2	2.44	28	89	4.41	20	< 1	0.05	13
147143	0.005	0.4	83.0	81	759	2	169	33	3130	2.18	14	< 10	15	< 0.5	< 2	6.07	33	70	3.85	20	< 1	0.05	14
147144	1.77	0.4	1.1	166	743	1	94	6	77	3.76	11	16	22	< 0.5	< 2	2.96	26	117	5.77	10	< 1	0.08	< 10
147145	0.005	< 0.2	< 0.5	72	766	< 1	86	13	129	2.49	6	< 10	14	< 0.5	< 2	3.45	19	86	3.99	10	< 1	0.07	10
147146	< 0.005	< 0.2	< 0.5	96	726	1	104	8	100	2.35	14	< 10	17	< 0.5	< 2	2.63	22	77	3.95	10	< 1	0.07	10
147147	< 0.005	< 0.2	< 0.5	81	673	1	128	37	118	2.29	8	< 10	20	< 0.5	< 2	1.97	24	82	3.89	10	< 1	0.06	11
147148	0.006	< 0.2	< 0.5	124	714	< 1	90	12	100	2.42	3	< 10	14	< 0.5	< 2	2.70	20	72	4.00	10	< 1	0.04	11
147149	0.006	< 0.2	< 0.5	102	718	< 1	96	4	88	2.33	3	< 10	12	< 0.5	< 2	3.87	21	71	3.88	10	< 1	0.04	11
147150	< 0.005	< 0.2	< 0.5	74	694	< 1	113	3	84	2.52	3	< 10	12	< 0.5	< 2	2.91	22	82	4.20	10	< 1	0.04	12
147151	< 0.005	< 0.2	< 0.5	80	759	< 1	112	< 2	85	2.57	4	< 10	12	< 0.5	< 2	2.31	24	72	4.21	10	< 1	0.04	10
147152	0.005	< 0.2	< 0.5	75	851	< 1	105	< 2	86	2.55	< 2	< 10	11	< 0.5	< 2	3.06	21	77	4.19	10	< 1	0.03	10
147153	< 0.005	< 0.2	< 0.5	62	662	< 1	94	4	81	2.56	< 2	< 10	11	< 0.5	< 2	2.29	21	91	3.98	10	< 1	0.03	13
147154	< 0.005	< 0.2	< 0.5	67	888	1	97	< 2	90	2.82	< 2	< 10	11	< 0.5	< 2	2.26	20	106	4.85	20	< 1	0.03	17
147155	< 0.005	< 0.2	< 0.5	< 1	119	< 1	< 1	< 2	8	0.03	< 2	< 10	13	< 0.5	< 2	> 10.0	< 1	1	0.13	< 10	< 1	< 0.01	< 10
147156	< 0.005	< 0.2	< 0.5	49	836	1	91	< 2	80	2.57	< 2	< 10	12	< 0.5	< 2	2.75	19	111	4.19	10	< 1	0.04	13
147157	< 0.005	< 0.2	< 0.5	74	696	1	88	4	80	2.59	< 2	< 10	11	< 0.5	< 2	2.12	18	108	4.04	10	< 1	0.03	11
147158	< 0.005	< 0.2	< 0.5	100	695	< 1	93	18	68	2.07	< 2	< 10	12	< 0.5	< 2	4.46	21	196	3.65	10	< 1	0.02	17
147159	< 0.005	< 0.2	< 0.5	81	723	2	91	6	86	2.47	< 2	< 10	12	< 0.5	< 2	1.69	19	125	4.12	20	< 1	0.03	16
147160	< 0.005	< 0.2	< 0.5	67	701	< 1	77	9	81	2.39	2	< 10	13	< 0.5	< 2	1.71	19	100	3.86	10	< 1	0.04	14
147161	< 0.005	< 0.2	< 0.5	40	739	< 1	71	4	76	2.26	< 2	< 10	11	< 0.5	< 2	2.73	16	96	3.59	10	< 1	0.03	12
147162	< 0.005	< 0.2	< 0.5	55	844	< 1	88	3	95	2.86	< 2	< 10	12	< 0.5	< 2	1.88	20	109	4.65	10	< 1	0.04	13
147163	< 0.005	< 0.2	< 0.5	70	1090	2	89	4	84	2.86	< 2	< 10	13	< 0.5	< 2	2.90	19	94	5.05	10	< 1	0.05	12
147164	< 0.005	< 0.2	< 0.5	62	1170	< 1	94	< 2	81	2.76	< 2	< 10	11	< 0.5	< 2	2.57	19	100	4.81	< 10	< 1	0.03	< 10
147165	< 0.005	< 0.2	< 0.5	67	984	< 1	87	3	83	2.56	< 2	< 10	< 10	< 0.5	< 2	2.67	18	105	4.40	10	< 1	0.03	11
147166	< 0.005	< 0.2	< 0.5	69	756	1	74	2	81	2.40	< 2	< 10	10	< 0.5	< 2	1.77	18	81	4.10	10	< 1	0.04	11
147167	< 0.005	< 0.2	< 0.5	43	704	< 1	106	< 2	71	2.20	3	< 10	12	< 0.5	< 2	3.35	22	118	3.43	10	< 1	0.05	10
147168	0.336	< 0.2	0.6	110	701	< 1	107	16	96	2.56	3	21	29	< 0.5	< 2	1.96	25	55	5.58	< 10	< 1	0.05	< 10
147169	< 0.005	< 0.2	< 0.5	47	629	< 1	142	11	140	2.63	< 2	< 10	15	< 0.5	< 2	2.96	26	130	3.92	10	< 1	0.06	10
147170	< 0.005	< 0.2	< 0.5	90	586	1	90	3	65	2.03	< 2	< 10	22	< 0.5	< 2	1.74	19	84	3.18	10	< 1	0.07	21
147171	< 0.005	< 0.2	< 0.5	62	649	< 1	130	< 2	83	2.69	< 2	< 10	13	< 0.5	< 2	2.00	22	126	4.16	10	< 1	0.05	13
147172	< 0.005	< 0.2	< 0.5	31	1210	< 1	147	< 2	34	1.29	< 2	< 10	35	< 0.5	< 2	5.19	25	205	3.56	< 10	< 1	0.33	< 10
147173	< 0.005	< 0.2	< 0.5	51	1300	1	217	4	54	2.22	< 2	< 10	78	< 0.5	< 2	5.19	27	308	4.75	10	< 1	1.07	< 10
147174	< 0.005	< 0.2	< 0.5	3	608	6	184	5	48	2.35	< 2	< 10	77	< 0.5	< 2	2.46	23	385	3.57	10	< 1	1.25	< 10
147175	< 0.005	< 0.2	< 0.5	7	676	31	209	5	55	2.73	< 2	< 10	90	< 0.5	< 2	2.58	25	433	4.35	10	< 1	1.57	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147141	2.50	0.064	0.101	0.03	< 2	10	51	0.38	< 20	3	< 2	< 10	109	< 10	12	19
147142	2.33	0.061	0.088	0.05	< 2	10	31	0.32	< 20	< 1	< 2	< 10	108	< 10	10	13
147143	1.97	0.036	0.076	0.22	< 2	9	44	0.29	< 20	< 1	< 2	< 10	98	< 10	9	11
147144	2.17	0.050	0.035	0.26	< 2	5	36	0.34	< 20	< 1	< 2	< 10	140	< 10	9	13
147145	2.04	0.044	0.084	0.05	< 2	7	56	0.32	< 20	3	< 2	< 10	88	< 10	9	11
147146	1.88	0.053	0.079	0.07	< 2	6	49	0.29	< 20	3	< 2	< 10	84	< 10	9	9
147147	1.89	0.052	0.091	0.11	< 2	7	42	0.31	< 20	2	< 2	< 10	88	< 10	9	11
147148	1.91	0.050	0.103	0.07	< 2	7	51	0.37	< 20	2	< 2	< 10	97	< 10	11	12
147149	1.83	0.047	0.094	0.07	< 2	7	57	0.35	< 20	4	< 2	< 10	96	< 10	10	10
147150	2.06	0.053	0.096	0.05	< 2	8	47	0.31	< 20	1	< 2	< 10	102	< 10	10	11
147151	2.05	0.051	0.098	0.06	< 2	7	50	0.36	< 20	< 1	< 2	< 10	104	< 10	10	10
147152	2.02	0.044	0.090	0.04	< 2	8	48	0.34	< 20	2	< 2	< 10	106	< 10	10	10
147153	2.20	0.044	0.088	0.02	< 2	8	36	0.30	< 20	< 1	< 2	< 10	98	< 10	11	14
147154	2.45	0.048	0.093	0.09	< 2	11	28	0.30	< 20	1	< 2	< 10	115	< 10	11	14
147155	1.53	0.010	0.008	< 0.01	< 2	< 1	51	< 0.01	< 20	4	< 2	< 10	< 1	< 10	2	< 1
147156	2.24	0.048	0.084	0.04	< 2	9	41	0.29	< 20	< 1	< 2	< 10	94	< 10	9	12
147157	2.31	0.049	0.092	0.03	< 2	6	66	0.31	< 20	3	< 2	< 10	87	< 10	8	11
147158	2.18	0.044	0.100	0.35	< 2	5	76	0.22	< 20	< 1	< 2	< 10	88	< 10	7	12
147159	2.36	0.057	0.101	0.11	< 2	8	90	0.34	< 20	< 1	< 2	< 10	99	< 10	11	13
147160	2.19	0.049	0.100	0.03	< 2	6	63	0.29	< 20	< 1	< 2	< 10	88	< 10	9	11
147161	1.90	0.044	0.093	0.02	< 2	7	61	0.29	< 20	2	< 2	< 10	87	< 10	9	12
147162	2.51	0.040	0.100	0.03	< 2	7	53	0.29	< 20	1	< 2	< 10	101	< 10	9	12
147163	2.24	0.043	0.104	0.11	< 2	6	72	0.30	< 20	1	< 2	< 10	89	< 10	8	11
147164	2.06	0.038	0.089	0.04	< 2	5	78	0.29	< 20	< 1	< 2	< 10	74	< 10	6	10
147165	2.13	0.044	0.088	0.05	< 2	7	60	0.31	< 20	< 1	< 2	< 10	92	< 10	9	11
147166	2.13	0.058	0.089	0.02	< 2	6	51	0.30	< 20	2	< 2	< 10	92	< 10	9	10
147167	2.03	0.044	0.070	0.02	< 2	7	61	0.25	< 20	2	< 2	< 10	79	< 10	9	9
147168	2.12	0.141	0.080	0.09	2	4	42	0.30	< 20	< 1	< 2	< 10	99	< 10	12	20
147169	2.60	0.045	0.073	0.02	< 2	8	59	0.25	< 20	< 1	< 2	< 10	87	< 10	10	9
147170	1.79	0.058	0.079	0.06	< 2	6	48	0.23	< 20	< 1	< 2	< 10	71	< 10	11	15
147171	2.58	0.053	0.080	0.01	< 2	8	35	0.27	< 20	< 1	< 2	< 10	91	< 10	10	14
147172	1.29	0.050	0.060	0.36	< 2	3	68	0.18	< 20	< 1	< 2	< 10	63	< 10	4	5
147173	2.49	0.040	0.059	0.40	3	5	65	0.22	< 20	< 1	< 2	< 10	96	< 10	5	9
147174	2.93	0.054	0.064	0.01	< 2	4	30	0.25	< 20	1	< 2	< 10	76	< 10	6	13
147175	3.50	0.049	0.069	0.05	3	4	21	0.27	< 20	< 1	< 2	< 10	93	< 10	6	17

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	71	1010	2	25	91	118	6.85	206	< 10	907	0.8	< 2	0.14	10	74	5.76	20	< 1	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	574	1390				> 5000	> 10000		204						87		11.5				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	602	1390				> 5000	> 10000		202						88		11.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		> 100	304	358				> 5000	> 10000		131		31				19		7.98				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.2	301	319				> 5000	> 10000		126		21				19		7.55				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2270	771	< 1	41	60	262	2.83	6		78	0.7	8	0.34	16	44	5.47	< 10		0.45	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		1.7	< 0.5	2380	781	< 1	42	61	263	2.92	7		81	0.7	7	0.36	16	44	5.50	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4530	896	< 1	37	83	350	2.92	6		66	0.6	24	0.35	19	41	6.25	< 10		0.37	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	0.5	4460	894	< 1	35	82	348	2.94	5		60	0.6	21	0.35	18	41	6.24	< 10		0.39	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6620	369	6	6	38	156	1.17	34		255	1.0	23	0.27	41	10	8.36	20		0.38	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.334																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.3	269	3630	575	14	32	> 5000	> 10000	1.74	73			0.6	4	1.64	28	34	3.61	10	3	0.34	20
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																							
Oreas 621 (Aqua Regia) Meas		66.2	274	3410	549	13	25	> 5000	> 10000	1.66	68			0.5	4	1.60	27	31	3.47	10	3	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147150 Orig	< 0.005																						
147150 Dup	< 0.005																						
147156 Orig		< 0.2	< 0.5	47	826	1	90	< 2	79	2.54	< 2	< 10	12	< 0.5	< 2	2.73	19	109	4.20	10	< 1	0.04	13
147156 Dup		< 0.2	< 0.5	51	847	1	91	< 2	82	2.60	< 2	< 10	12	< 0.5	< 2	2.78	19	112	4.18	10	< 1	0.04	13
147160 Orig	< 0.005																						
147160 Dup	< 0.005																						
147169 Orig		< 0.2	< 0.5	46	626	< 1	141	18	196	2.65	4	< 10	15	< 0.5	< 2	2.95	26	128	3.95	10	< 1	0.07	10
147169 Dup		< 0.2	< 0.5	48	631	< 1	143	5	84	2.62	< 2	< 10	15	< 0.5	< 2	2.97	26	131	3.88	10	< 1	0.06	10
147170 Orig	< 0.005																						
147170 Dup	< 0.005																						
147172 Orig		< 0.2	< 0.5	30	1210	< 1	148	< 2	34	1.26	< 2	< 10	35	< 0.5	< 2	5.23	25	205	3.49	< 10	< 1	0.31	< 10
147172 Dup		< 0.2	< 0.5	31	1200	1	146	< 2	33	1.31	< 2	< 10	36	< 0.5	< 2	5.15	25	205	3.63	< 10	< 1	0.35	< 10
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.37	0.062	0.032	0.01	5	15	29		< 20	< 1	< 2	< 10	154	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.0	162											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.6	143											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.023	0.064	0.38	2	3	15		< 20		< 2	< 10	32	< 10	18	28
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.32	0.024	0.064	0.39	< 2	3	16		< 20		< 2	< 10	33	< 10	18	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.39		0.061	0.67	3	3	14		< 20		< 2	< 10	33	< 10	16	30
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.39		0.062	0.69	7	3	14		< 20		< 2	< 10	32	< 10	16	30
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.22	0.084	0.026	0.07	5	2	13	0.02	< 20	< 1	< 2	< 10	7	< 10	8	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.134	0.035	4.91	138	2	19		< 20		< 2	< 10	13	< 10	8	64
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																
Oreas 621 (Aqua Regia) Meas	0.43	0.132	0.035	4.69	122	2	18		< 20		< 2	< 10	12	< 10	7	59
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147150 Orig																
147150 Dup																
147156 Orig	2.24	0.049	0.083	0.04	< 2	9	40	0.28	< 20	< 1	< 2	< 10	93	< 10	9	12
147156 Dup	2.24	0.046	0.084	0.04	< 2	9	41	0.29	< 20	< 1	< 2	< 10	95	< 10	9	12
147160 Orig																
147160 Dup																
147169 Orig	2.59	0.048	0.073	0.03	< 2	8	59	0.25	< 20	< 1	< 2	< 10	86	< 10	10	9
147169 Dup	2.61	0.043	0.074	0.02	< 2	8	60	0.26	< 20	< 1	< 2	< 10	87	< 10	10	9
147170 Orig																
147170 Dup																
147172 Orig	1.27	0.046	0.060	0.36	< 2	3	67	0.18	< 20	3	< 2	< 10	62	< 10	4	5
147172 Dup	1.30	0.054	0.060	0.36	< 2	3	70	0.19	< 20	< 1	< 2	< 10	64	< 10	4	5
Method Blank																
Method Blank																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04353**
Report Date: **28-Apr-20**
Date Submitted: **17-Apr-20**
Your Reference: **April 16/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 12:45:26
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-21 09:43:36

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147176	< 0.005	< 0.2	< 0.5	13	533	34	166	< 2	52	2.31	< 2	< 10	74	< 0.5	< 2	1.39	22	385	3.69	10	< 1	1.21	< 10
147177	< 0.005	< 0.2	< 0.5	19	757	20	188	9	63	2.69	< 2	< 10	70	< 0.5	< 2	2.82	26	432	4.31	10	< 1	1.10	< 10
147178	< 0.005	0.3	< 0.5	1	1200	< 1	272	14	89	3.65	< 2	< 10	119	< 0.5	< 2	4.99	32	482	5.88	20	< 1	1.55	< 10
147179	< 0.005	< 0.2	< 0.5	11	1030	6	222	8	72	2.67	< 2	< 10	117	< 0.5	< 2	4.73	28	428	4.62	10	< 1	1.42	< 10
147180	< 0.005	0.2	< 0.5	12	1320	17	189	14	66	2.47	< 2	< 10	76	< 0.5	< 2	6.98	26	296	4.59	10	< 1	1.15	< 10
147181	< 0.005	< 0.2	< 0.5	< 1	104	< 1	< 1	< 2	< 2	0.03	< 2	< 10	13	< 0.5	< 2	> 10.0	< 1	2	0.10	< 10	< 1	< 0.01	< 10
147182	< 0.005	< 0.2	< 0.5	17	1160	5	227	7	73	2.56	< 2	< 10	120	< 0.5	< 2	4.10	31	410	5.00	10	< 1	1.24	< 10
147183	< 0.005	0.4	< 0.5	63	913	1	192	5	74	2.51	< 2	< 10	106	< 0.5	< 2	2.18	27	434	5.07	10	< 1	1.30	< 10
147184	0.005	< 0.2	< 0.5	87	541	4	29	< 2	54	1.58	< 2	< 10	76	< 0.5	< 2	2.19	15	38	3.91	< 10	< 1	0.61	< 10
147185	< 0.005	< 0.2	< 0.5	60	496	6	29	< 2	72	2.04	< 2	< 10	66	< 0.5	< 2	1.28	14	37	3.43	< 10	< 1	0.36	< 10
147186	< 0.005	< 0.2	< 0.5	69	525	9	24	2	68	1.91	< 2	< 10	77	< 0.5	< 2	1.57	14	15	3.24	< 10	< 1	0.38	< 10
147187	< 0.005	< 0.2	< 0.5	30	453	31	80	< 2	33	1.39	< 2	< 10	57	< 0.5	< 2	1.88	13	158	2.32	< 10	< 1	0.41	< 10
147188	0.015	0.3	< 0.5	80	1270	10	82	< 2	40	1.39	< 2	< 10	36	< 0.5	< 2	7.31	15	66	4.21	< 10	< 1	0.24	< 10
147189	6.69	1.1	< 0.5	141	662	3	132	19	68	3.10	29	27	39	< 0.5	< 2	2.63	25	271	5.64	10	< 1	0.14	< 10
147190	0.013	0.3	< 0.5	83	1000	3	92	3	45	1.93	< 2	< 10	55	< 0.5	< 2	5.39	17	104	3.05	< 10	< 1	0.33	< 10
147191	< 0.005	0.3	< 0.5	96	782	10	40	< 2	36	1.37	< 2	< 10	19	< 0.5	< 2	6.14	9	50	1.97	< 10	< 1	0.14	< 10
147192	< 0.005	< 0.2	< 0.5	72	581	5	85	< 2	33	1.31	< 2	< 10	11	< 0.5	< 2	3.40	17	223	2.91	< 10	< 1	0.04	< 10
147193	< 0.005	< 0.2	< 0.5	63	363	11	95	< 2	32	1.40	< 2	< 10	17	< 0.5	< 2	1.04	14	217	2.24	< 10	< 1	0.16	< 10
147194	< 0.005	< 0.2	< 0.5	87	604	21	110	14	43	1.38	< 2	< 10	16	< 0.5	< 2	2.81	16	356	3.47	< 10	< 1	0.06	< 10
147195	< 0.005	< 0.2	< 0.5	123	739	22	86	24	52	1.84	< 2	< 10	27	< 0.5	< 2	3.70	20	265	3.92	10	< 1	0.11	15
147196	< 0.005	< 0.2	< 0.5	84	818	2	45	10	60	2.08	< 2	< 10	34	< 0.5	< 2	3.79	20	121	4.08	10	< 1	0.12	14
147197	< 0.005	< 0.2	< 0.5	68	488	4	138	14	21	0.96	< 2	< 10	15	< 0.5	< 2	2.76	14	330	2.46	< 10	< 1	0.04	< 10
147198	< 0.005	0.2	< 0.5	84	620	2	219	24	56	2.15	< 2	< 10	41	< 0.5	< 2	0.69	25	569	3.72	10	< 1	0.40	< 10
147199	< 0.005	< 0.2	< 0.5	75	500	9	193	3	41	1.96	< 2	< 10	56	< 0.5	< 2	0.83	23	477	3.27	10	< 1	0.46	< 10
147200	< 0.005	< 0.2	< 0.5	43	513	12	233	3	39	2.46	< 2	< 10	77	< 0.5	< 2	0.83	26	496	3.78	10	< 1	0.89	< 10
147201	< 0.005	< 0.2	< 0.5	38	466	9	209	3	33	2.25	3	< 10	43	< 0.5	< 2	0.82	23	465	3.47	10	< 1	0.49	< 10
147202	< 0.005	< 0.2	< 0.5	44	460	25	180	6	29	2.02	2	< 10	52	< 0.5	< 2	1.18	22	403	3.21	< 10	< 1	0.57	< 10
147203	1.79	0.4	< 0.5	170	728	1	104	3	64	3.74	10	15	24	< 0.5	< 2	2.85	25	116	5.72	10	< 1	0.08	< 10
147204	< 0.005	< 0.2	< 0.5	87	444	21	187	2	31	1.94	< 2	< 10	74	< 0.5	< 2	1.41	23	400	3.33	< 10	< 1	0.62	< 10
147205	< 0.005	< 0.2	< 0.5	87	552	13	48	12	72	1.55	< 2	< 10	123	< 0.5	< 2	2.60	16	62	4.20	10	< 1	0.53	15
147206	< 0.005	< 0.2	< 0.5	67	1010	1	54	5	54	0.68	10	< 10	29	< 0.5	< 2	7.65	25	10	1.80	< 10	< 1	0.28	< 10
147207	0.008	< 0.2	< 0.5	86	922	9	97	17	72	1.42	6	< 10	31	< 0.5	< 2	6.77	21	20	3.64	< 10	< 1	0.24	< 10
147208	0.005	< 0.2	< 0.5	84	701	1	33	< 2	72	0.79	3	< 10	31	< 0.5	< 2	4.88	14	7	2.07	< 10	< 1	0.40	12
147209	0.006	< 0.2	0.5	96	693	3	50	2	122	1.06	3	< 10	28	< 0.5	< 2	4.41	15	3	3.12	< 10	< 1	0.43	14
147210	< 0.005	< 0.2	< 0.5	93	642	< 1	36	< 2	98	1.25	< 2	< 10	40	< 0.5	< 2	2.94	12	4	3.35	< 10	< 1	0.78	13

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147176	3.00	0.054	0.071	0.03	< 2	3	12	0.28	< 20	< 1	< 2	< 10	83	< 10	6	13
147177	3.52	0.040	0.066	0.11	< 2	5	24	0.26	< 20	3	< 2	< 10	93	< 10	6	14
147178	4.76	0.025	0.061	0.14	3	8	45	0.27	< 20	< 1	< 2	< 10	150	< 10	6	18
147179	3.30	0.033	0.061	0.12	2	6	59	0.25	< 20	< 1	< 2	< 10	108	< 10	6	13
147180	2.97	0.028	0.050	0.56	< 2	4	72	0.19	< 20	< 1	< 2	< 10	88	< 10	5	13
147181	0.83	0.009	0.007	< 0.01	< 2	< 1	56	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1
147182	3.02	0.039	0.070	0.20	3	4	33	0.28	< 20	< 1	< 2	< 10	115	< 10	7	19
147183	2.87	0.041	0.070	0.29	3	5	21	0.26	< 20	< 1	< 2	< 10	111	< 10	6	18
147184	1.55	0.069	0.111	0.33	< 2	5	65	0.34	< 20	< 1	< 2	< 10	113	< 10	9	9
147185	1.82	0.058	0.108	0.10	< 2	4	76	0.34	< 20	< 1	< 2	< 10	88	< 10	7	6
147186	1.73	0.059	0.109	0.12	< 2	4	70	0.32	< 20	2	< 2	< 10	95	< 10	7	6
147187	1.30	0.058	0.084	0.09	< 2	3	66	0.26	< 20	4	< 2	< 10	62	< 10	6	6
147188	1.51	0.034	0.084	1.06	< 2	6	69	0.23	< 20	< 1	< 2	< 10	95	< 10	6	8
147189	2.54	0.060	0.036	0.48	3	7	34	0.32	< 20	< 1	< 2	< 10	137	< 10	10	16
147190	1.76	0.034	0.079	0.13	< 2	4	65	0.27	< 20	2	< 2	< 10	73	< 10	5	5
147191	1.25	0.043	0.076	0.10	< 2	4	57	0.25	< 20	4	< 2	< 10	60	< 10	5	5
147192	1.55	0.050	0.071	0.34	2	3	37	0.24	< 20	1	< 2	< 10	73	< 10	7	7
147193	1.34	0.079	0.063	0.10	< 2	2	42	0.22	< 20	1	< 2	< 10	49	< 10	5	5
147194	1.81	0.056	0.081	0.26	< 2	2	33	0.23	< 20	< 1	< 2	< 10	75	< 10	7	8
147195	2.28	0.045	0.128	0.41	< 2	3	75	0.21	< 20	< 1	< 2	< 10	106	< 10	5	16
147196	2.45	0.043	0.146	0.29	< 2	4	157	0.22	< 20	< 1	< 2	< 10	118	< 10	5	15
147197	1.27	0.057	0.060	0.03	< 2	2	32	0.22	< 20	3	< 2	< 10	62	< 10	7	9
147198	2.87	0.041	0.059	0.05	3	1	11	0.24	< 20	< 1	< 2	< 10	89	< 10	6	13
147199	2.54	0.040	0.055	0.09	2	1	11	0.20	< 20	< 1	< 2	< 10	66	< 10	5	8
147200	2.94	0.046	0.059	0.16	< 2	2	17	0.23	< 20	< 1	< 2	< 10	71	< 10	5	6
147201	2.67	0.053	0.060	0.07	< 2	2	25	0.21	< 20	< 1	< 2	< 10	66	< 10	5	5
147202	2.38	0.052	0.057	0.11	< 2	2	27	0.20	< 20	< 1	< 2	< 10	63	< 10	5	6
147203	2.15	0.050	0.033	0.25	< 2	5	34	0.33	< 20	< 1	< 2	< 10	137	< 10	9	13
147204	2.18	0.053	0.062	0.17	< 2	3	31	0.21	< 20	< 1	< 2	< 10	72	< 10	5	7
147205	1.21	0.067	0.126	0.31	< 2	5	60	0.34	< 20	2	< 2	< 10	120	< 10	9	9
147206	0.29	0.040	0.100	0.08	< 2	5	59	0.25	< 20	5	< 2	< 10	75	< 10	10	10
147207	0.70	0.039	0.131	0.32	< 2	4	61	0.28	< 20	2	< 2	< 10	85	< 10	8	8
147208	0.28	0.035	0.138	0.07	< 2	5	40	0.31	< 20	5	< 2	< 10	84	< 10	11	13
147209	0.43	0.042	0.192	0.32	< 2	6	36	0.34	< 20	1	< 2	< 10	104	< 10	12	15
147210	0.53	0.046	0.173	0.07	< 2	5	33	0.33	< 20	< 1	< 2	< 10	98	< 10	11	14

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	71	1010	2	25	91	118	6.85	206	< 10	907	0.8	< 2	0.14	10	74	5.76	20	< 1	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	574	1390				> 5000	> 10000		204						87		11.5				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	602	1390				> 5000	> 10000		202						88		11.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		> 100	304	358				> 5000	> 10000		131		31				19		7.98				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.2	301	319				> 5000	> 10000		126		21				19		7.55				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2270	771	< 1	41	60	262	2.83	6		78	0.7	8	0.34	16	44	5.47	< 10		0.45	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		1.7	< 0.5	2380	781	< 1	42	61	263	2.92	7		81	0.7	7	0.36	16	44	5.50	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4530	896	< 1	37	83	350	2.92	6		66	0.6	24	0.35	19	41	6.25	< 10		0.37	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	0.5	4460	894	< 1	35	82	348	2.94	5		60	0.6	21	0.35	18	41	6.24	< 10		0.39	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6620	369	6	6	38	156	1.17	34		255	1.0	23	0.27	41	10	8.36	20		0.38	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.345																						
OREAS 217 (Fire Assay) Cert	0.338																						
OREAS 217 (Fire Assay) Meas	0.341																						
OREAS 217 (Fire	0.338																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Assay) Cert																							
OREAS 217 (Fire Assay) Meas	0.335																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.3	269	3630	575	14	32	> 5000	> 10000	1.74	73			0.6	4	1.64	28	34	3.61	10	3	0.34	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		66.2	274	3410	549	13	25	> 5000	> 10000	1.66	68			0.5	4	1.60	27	31	3.47	10	3	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147185 Orig	< 0.005	< 0.2	< 0.5	58	500	6	29	< 2	73	2.03	< 2	< 10	66	< 0.5	< 2	1.32	14	38	3.36	< 10	< 1	0.34	< 10
147185 Dup	< 0.005	< 0.2	< 0.5	62	492	6	29	3	70	2.05	< 2	< 10	65	< 0.5	< 2	1.24	14	36	3.50	< 10	< 1	0.39	< 10
147195 Orig	< 0.005																						
147195 Dup	< 0.005																						
147197 Orig		< 0.2	< 0.5	68	483	4	137	14	21	0.97	< 2	< 10	16	< 0.5	< 2	2.74	14	327	2.48	< 10	< 1	0.04	< 10
147197 Dup		< 0.2	< 0.5	69	492	4	138	14	22	0.95	< 2	< 10	15	< 0.5	< 2	2.78	14	333	2.45	< 10	< 1	0.04	< 10
147205 Orig	< 0.005																						
147205 Dup	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 0.005																						
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Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.37	0.062	0.032	0.01	5	15	29		< 20	< 1	< 2	< 10	154	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.0	162											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.6	143											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.023	0.064	0.38	2	3	15		< 20		< 2	< 10	32	< 10	18	28
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.32	0.024	0.064	0.39	< 2	3	16		< 20		< 2	< 10	33	< 10	18	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.39		0.061	0.67	3	3	14		< 20		< 2	< 10	33	< 10	16	30
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.39		0.062	0.69	7	3	14		< 20		< 2	< 10	32	< 10	16	30
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.22	0.084	0.026	0.07	5	2	13	0.02	< 20	< 1	< 2	< 10	7	< 10	8	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.134	0.035	4.91	138	2	19		< 20		< 2	< 10	13	< 10	8	64
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.43	0.132	0.035	4.69	122	2	18		< 20		< 2	< 10	12	< 10	7	59
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147185 Orig	1.82	0.054	0.108	0.10	< 2	4	77	0.34	< 20	< 1	< 2	< 10	89	< 10	7	6
147185 Dup	1.82	0.062	0.108	0.10	< 2	4	75	0.33	< 20	1	< 2	< 10	88	< 10	7	6
147195 Orig																
147195 Dup																
147197 Orig	1.27	0.059	0.060	0.03	< 2	3	32	0.22	< 20	3	< 2	< 10	62	< 10	7	9
147197 Dup	1.26	0.055	0.060	0.03	< 2	2	32	0.22	< 20	2	< 2	< 10	62	< 10	7	9
147205 Orig																
147205 Dup																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04354**
Report Date: **29-Apr-20**
Date Submitted: **16-Apr-20**
Your Reference: **April 16/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 12:45:26
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-22 09:46:58

REPORT **A20-04354**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147211	0.005	< 0.2	< 0.5	81	1160	3	20	15	67	0.82	< 2	< 10	28	< 0.5	< 2	8.39	9	6	2.29	< 10	< 1	0.45	13
147212	0.005	< 0.2	< 0.5	99	675	2	46	14	91	1.34	< 2	< 10	68	< 0.5	< 2	4.09	16	44	3.30	10	< 1	0.68	11
147213	0.005	< 0.2	< 0.5	70	376	10	17	10	42	1.78	< 2	< 10	< 10	< 0.5	< 2	0.97	11	20	2.87	10	< 1	0.04	< 10
147214	< 0.005	< 0.2	< 0.5	74	519	3	69	< 2	57	2.55	< 2	< 10	10	< 0.5	< 2	0.81	22	201	3.96	10	< 1	0.09	< 10
147215	< 0.005	< 0.2	< 0.5	65	365	18	59	< 2	34	1.57	2	< 10	38	< 0.5	< 2	1.14	18	183	2.45	< 10	< 1	0.28	< 10
147216	< 0.005	< 0.2	< 0.5	55	380	4	95	5	34	1.88	< 2	< 10	17	< 0.5	< 2	0.83	19	333	2.59	< 10	< 1	0.16	< 10
147217	< 0.005	< 0.2	< 0.5	54	488	< 1	167	< 2	47	2.83	< 2	< 10	< 10	< 0.5	< 2	0.61	24	540	3.67	10	< 1	0.05	< 10
147218	0.005	< 0.2	< 0.5	53	480	< 1	107	2	64	3.38	< 2	< 10	< 10	< 0.5	< 2	0.69	26	344	4.61	10	< 1	0.03	< 10
147219	< 0.005	< 0.2	< 0.5	76	552	2	19	3	76	2.35	< 2	< 10	23	< 0.5	< 2	1.36	16	17	4.15	10	< 1	0.12	10
147220	< 0.005	< 0.2	< 0.5	51	457	2	29	4	65	1.77	< 2	< 10	41	< 0.5	< 2	1.39	15	69	3.29	< 10	< 1	0.29	< 10
147221	< 0.005	< 0.2	< 0.5	17	593	3	60	3	25	1.06	< 2	< 10	32	< 0.5	< 2	3.29	16	174	1.74	< 10	< 1	0.25	< 10
147222	0.337	< 0.2	< 0.5	105	685	< 1	82	6	65	2.48	3	21	26	< 0.5	< 2	1.92	26	55	5.28	< 10	< 1	0.05	< 10
147223	< 0.005	< 0.2	< 0.5	12	708	3	164	< 2	44	2.00	< 2	< 10	45	< 0.5	< 2	2.83	28	344	3.14	< 10	< 1	0.61	< 10
147224	< 0.005	< 0.2	< 0.5	39	586	9	112	7	48	1.70	< 2	< 10	75	< 0.5	< 2	2.87	24	257	3.17	< 10	< 1	0.90	< 10
147225	0.121	0.4	< 0.5	96	877	3	77	5	58	1.95	< 2	< 10	101	< 0.5	< 2	5.06	21	134	5.09	10	< 1	1.20	< 10
147226	< 0.005	< 0.2	< 0.5	105	716	1	45	6	72	1.91	< 2	< 10	91	< 0.5	< 2	3.70	16	31	4.16	< 10	< 1	0.75	< 10
147227	< 0.005	< 0.2	< 0.5	95	1170	2	82	< 2	50	2.02	< 2	< 10	32	< 0.5	< 2	5.24	21	76	4.35	< 10	< 1	0.51	< 10
147228	< 0.005	< 0.2	< 0.5	65	1500	< 1	116	< 2	27	2.19	< 2	< 10	26	< 0.5	< 2	5.04	28	216	4.63	< 10	< 1	0.40	< 10
147229	< 0.005	< 0.2	< 0.5	82	1370	8	121	3	35	1.69	< 2	< 10	23	< 0.5	< 2	6.25	30	192	3.60	< 10	< 1	0.23	< 10
147230	0.036	< 0.2	< 0.5	85	1330	5	112	5	45	1.66	< 2	< 10	23	< 0.5	< 2	4.78	43	119	4.20	< 10	< 1	0.36	< 10
147231	0.019	< 0.2	< 0.5	68	468	< 1	61	3	81	2.44	< 2	< 10	21	< 0.5	< 2	2.47	18	91	3.91	< 10	< 1	0.24	< 10
147232	< 0.005	< 0.2	< 0.5	< 1	109	< 1	< 1	< 2	3	0.03	< 2	< 10	13	< 0.5	< 2	> 10.0	< 1	< 1	0.10	< 10	< 1	< 0.01	< 10
147233	< 0.005	< 0.2	< 0.5	78	475	6	34	3	39	1.68	< 2	< 10	32	< 0.5	< 2	3.37	13	59	2.43	< 10	< 1	0.29	< 10
147234	< 0.005	< 0.2	< 0.5	68	224	6	33	< 2	46	1.51	< 2	< 10	20	< 0.5	< 2	1.49	13	71	2.20	< 10	< 1	0.17	< 10
147235	< 0.005	< 0.2	< 0.5	21	273	5	43	< 2	54	1.62	< 2	< 10	24	< 0.5	< 2	1.49	14	134	2.15	< 10	< 1	0.22	< 10
147236	< 0.005	< 0.2	< 0.5	112	251	3	45	< 2	45	1.61	< 2	< 10	28	< 0.5	< 2	1.42	14	101	2.02	< 10	< 1	0.25	< 10
147237	0.005	< 0.2	< 0.5	87	381	8	44	< 2	52	1.65	< 2	< 10	29	< 0.5	< 2	1.98	19	43	2.59	< 10	< 1	0.15	< 10
147238	< 0.005	< 0.2	< 0.5	70	435	8	58	< 2	16	1.10	3	< 10	33	< 0.5	< 2	3.35	13	169	1.59	< 10	< 1	0.18	< 10
147239	< 0.005	0.3	< 0.5	77	386	16	45	< 2	27	1.27	< 2	< 10	20	< 0.5	< 2	2.87	14	137	1.88	< 10	< 1	0.10	< 10
147240	1.84	0.4	< 0.5	157	702	1	78	7	64	3.76	10	16	22	< 0.5	< 2	2.91	27	115	5.45	10	< 1	0.08	< 10
147241	< 0.005	< 0.2	< 0.5	82	446	5	63	2	43	1.75	< 2	< 10	17	< 0.5	< 2	1.22	19	163	2.83	< 10	< 1	0.07	< 10
147242	< 0.005	< 0.2	< 0.5	56	321	11	49	< 2	26	1.25	< 2	< 10	17	< 0.5	< 2	1.53	14	144	1.95	< 10	< 1	0.08	< 10
147243	< 0.005	< 0.2	< 0.5	59	430	8	40	< 2	20	1.05	< 2	< 10	14	< 0.5	< 2	3.09	15	129	1.95	< 10	< 1	0.07	< 10
147244	< 0.005	< 0.2	< 0.5	57	412	12	45	< 2	23	1.01	< 2	< 10	14	< 0.5	< 2	2.36	14	141	1.82	< 10	< 1	0.08	< 10
147245	< 0.005	0.2	< 0.5	89	855	11	84	6	51	1.35	< 2	< 10	28	< 0.5	< 2	5.44	17	177	2.70	< 10	< 1	0.15	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147211	0.43	0.034	0.143	0.05	< 2	6	60	0.33	< 20	4	< 2	< 10	82	< 10	13	14
147212	0.87	0.054	0.142	0.07	< 2	7	52	0.38	< 20	6	< 2	< 10	111	< 10	10	17
147213	1.81	0.067	0.090	0.11	< 2	2	27	0.31	< 20	5	< 2	< 10	80	< 10	7	8
147214	2.59	0.058	0.090	0.11	< 2	3	31	0.29	< 20	6	< 2	< 10	75	< 10	7	7
147215	1.44	0.061	0.084	0.23	< 2	3	66	0.26	< 20	6	< 2	< 10	54	< 10	7	6
147216	2.06	0.039	0.075	0.10	3	2	42	0.21	< 20	4	< 2	< 10	44	< 10	5	7
147217	3.29	0.029	0.064	0.01	3	2	20	0.21	< 20	6	< 2	< 10	55	< 10	5	6
147218	3.63	0.033	0.078	< 0.01	2	4	23	0.29	< 20	5	< 2	< 10	71	< 10	6	8
147219	1.93	0.065	0.120	0.13	< 2	4	88	0.39	< 20	5	< 2	< 10	104	< 10	8	9
147220	1.48	0.067	0.103	0.15	< 2	4	68	0.34	< 20	6	< 2	< 10	89	< 10	7	8
147221	0.91	0.052	0.059	0.11	< 2	3	57	0.20	< 20	3	< 2	< 10	42	< 10	4	6
147222	2.03	0.132	0.079	0.08	< 2	4	40	0.29	< 20	4	< 2	< 10	99	< 10	12	21
147223	2.25	0.049	0.069	0.06	< 2	3	43	0.23	< 20	3	< 2	< 10	70	< 10	5	10
147224	1.82	0.060	0.069	0.57	< 2	4	42	0.23	< 20	2	< 2	< 10	78	< 10	6	9
147225	1.95	0.044	0.084	0.89	< 2	7	57	0.26	< 20	< 1	< 2	< 10	130	< 10	6	10
147226	1.34	0.057	0.124	0.25	< 2	5	61	0.30	< 20	1	< 2	< 10	121	< 10	9	11
147227	1.47	0.052	0.097	0.26	< 2	4	47	0.27	< 20	3	< 2	< 10	107	< 10	7	8
147228	1.39	0.040	0.061	0.10	< 2	3	53	0.22	< 20	7	< 2	< 10	70	< 10	4	6
147229	1.21	0.054	0.065	0.22	< 2	3	44	0.20	< 20	6	< 2	< 10	64	< 10	5	6
147230	1.02	0.064	0.068	0.62	2	4	39	0.24	< 20	5	< 2	< 10	72	< 10	5	7
147231	1.80	0.061	0.084	0.05	< 2	5	44	0.33	< 20	7	< 2	< 10	93	< 10	6	8
147232	0.95	0.010	0.007	< 0.01	< 2	< 1	51	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1
147233	1.41	0.070	0.080	0.12	< 2	4	51	0.26	< 20	4	< 2	< 10	71	< 10	7	7
147234	1.28	0.073	0.094	0.11	< 2	3	44	0.29	< 20	8	< 2	< 10	60	< 10	6	6
147235	1.50	0.061	0.080	0.19	< 2	3	49	0.28	< 20	3	< 2	< 10	54	< 10	6	7
147236	1.28	0.069	0.095	0.12	< 2	3	51	0.33	< 20	5	< 2	< 10	60	< 10	7	6
147237	1.31	0.066	0.101	0.36	< 2	4	67	0.35	< 20	7	< 2	< 10	76	< 10	7	6
147238	0.94	0.064	0.065	0.14	< 2	2	46	0.18	< 20	3	< 2	< 10	35	< 10	4	5
147239	0.94	0.090	0.068	0.29	< 2	3	47	0.22	< 20	2	< 2	< 10	43	< 10	6	5
147240	2.07	0.051	0.034	0.23	< 2	5	35	0.34	< 20	4	< 2	< 10	136	< 10	9	15
147241	1.50	0.081	0.075	0.28	< 2	3	44	0.23	< 20	2	< 2	< 10	54	< 10	6	5
147242	1.02	0.080	0.075	0.19	< 2	4	46	0.23	< 20	5	< 2	< 10	46	< 10	5	4
147243	0.80	0.064	0.076	0.40	< 2	3	56	0.22	< 20	4	< 2	< 10	40	< 10	5	5
147244	0.84	0.074	0.084	0.26	< 2	3	40	0.22	< 20	3	< 2	< 10	40	< 10	6	4
147245	1.07	0.059	0.073	0.32	< 2	4	68	0.26	< 20	1	< 2	< 10	63	< 10	6	5

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	68	993	1	21	89	118	6.86	226	< 10	864	0.8	< 2	0.14	11	75	5.54	20	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	70	1040	2	21	93	126	7.16	230	< 10	896	0.9	< 2	0.15	11	79	5.62	20	< 1	0.95	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	591	1370				> 5000	> 10000		225						88		12.1				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	624	1490				> 5000	> 10000		238						96		13.0				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1380				> 5000	> 10000		224						93		11.9				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		95.8	309	310				> 5000	> 10000		143		26				19		7.73				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		97.3	306	327				> 5000	> 10000		138		20				20		7.77				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.0	306	339				> 5000	> 10000		137		20				20		7.94				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2290	777	< 1	33	57	267	2.93	5		75	0.7	8	0.36	17	44	5.48	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2260	788	< 1	31	61	278	2.95	7		76	0.7	9	0.37	18	45	5.40	< 10		0.42	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2130	737	< 1	30	58	264	2.79	5		69	0.7	5	0.36	17	43	5.09	< 10		0.42	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	0.5	4460	899	< 1	31	83	362	3.00	7		63	0.7	15	0.36	20	43	6.37	< 10		0.38	32
OREAS 923 (AQUA REGIA)		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4480	900	< 1	31	83	367	2.99	8		64	0.7	18	0.37	19	43	6.18	< 10		0.34	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4350	861	< 1	29	80	345	2.93	7		63	0.6	20	0.36	19	41	6.13	< 10		0.40	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.2	< 0.5	5960	302	4	4	31	131	0.99	34		197	0.9	17	0.22	36	8	7.70	20		0.29	32
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6230	348	6	6	38	158	1.15	36		231	1.0	19	0.27	42	9	8.10	20		0.30	38
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.345																						
OREAS 217 (Fire Assay) Cert	0.338																						
OREAS 217 (Fire Assay) Meas	0.341																						
OREAS 217 (Fire Assay) Cert	0.338																						
OREAS 217 (Fire Assay) Meas	0.335																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.7	283	3530	553	14	26	> 5000	> 10000	1.73	77			0.6	3	1.63	28	34	3.54	10	5	0.31	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.2	284	3650	535	13	24	> 5000	> 10000	1.74	73			0.5	< 2	1.58	27	33	3.61	10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147220 Orig	< 0.005	< 0.2	< 0.5	52	466	2	29	2	65	1.80	2	< 10	42	< 0.5	< 2	1.41	15	70	3.37	< 10	< 1	0.30	< 10
147220 Dup	< 0.005	< 0.2	< 0.5	50	449	2	28	5	64	1.74	< 2	< 10	40	< 0.5	< 2	1.36	15	68	3.21	< 10	< 1	0.28	< 10
147230 Orig	0.046																						
147230 Dup	0.026																						
147241 Orig	< 0.005																						
147241 Dup	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.35	0.061	0.033	0.01	5	16	31		< 20	< 1	< 2	< 10	156	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.37	0.062	0.034	0.01	7	17	33		< 20	< 1	< 2	< 10	164	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				17.5												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				17.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.2	159											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				11.8	154											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.1	147											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.024	0.066	0.38	3	3	16		< 20		< 2	< 10	33	< 10	18	30
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.30	0.021	0.067	0.38	3	3	16		< 20		< 2	< 10	34	< 10	19	31
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.27	0.021	0.063	0.35	< 2	3	15		< 20		< 2	< 10	32	< 10	17	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.41		0.063	0.69	3	3	14		< 20		< 2	< 10	33	< 10	16	32
OREAS 923 (AQUA REGIA)	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																
OREAS 923 (AQUA REGIA) Meas	1.39		0.064	0.69	2	3	14		< 20		< 2	< 10	34	< 10	17	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.36		0.061	0.67	3	3	14		< 20		< 2	< 10	32	< 10	16	32
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.20	0.071	0.024	0.06	5	2	11	0.02	< 20	< 1	< 2	< 10	5	< 10	6	43
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.071	0.026	0.07	7	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.43	0.122	0.035	4.72	135	2	18		< 20		9	< 10	12	< 10	8	65
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.141	0.034	4.67	130	2	18		< 20		9	< 10	12	< 10	7	62
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147220 Orig	1.51	0.069	0.105	0.16	< 2	4	69	0.34	< 20	6	< 2	< 10	91	< 10	7	8
147220 Dup	1.46	0.065	0.101	0.15	< 2	4	66	0.33	< 20	5	< 2	< 10	88	< 10	7	8
147230 Orig																
147230 Dup																
147241 Orig																
147241 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	2	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04355**
Report Date: **29-Apr-20**
Date Submitted: **16-Apr-20**
Your Reference: **April 16/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 12:45:26
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-22 09:46:58

REPORT **A20-04355**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147246	< 0.005	< 0.2	< 0.5	82	815	8	59	3	67	2.35	< 2	< 10	13	< 0.5	< 2	3.91	20	89	4.17	< 10	< 1	0.07	< 10
147247	< 0.005	< 0.2	< 0.5	65	874	< 1	42	4	79	2.45	< 2	< 10	< 10	< 0.5	< 2	4.58	15	65	4.17	10	< 1	0.04	< 10
147248	< 0.005	< 0.2	< 0.5	70	1230	< 1	60	< 2	63	1.74	8	< 10	32	< 0.5	< 2	5.11	20	60	2.99	< 10	< 1	0.26	< 10
147249	1.84	0.4	< 0.5	154	696	< 1	77	7	64	3.65	10	15	21	< 0.5	< 2	2.86	26	114	5.34	10	< 1	0.08	< 10
147250	< 0.005	< 0.2	< 0.5	56	363	11	129	4	30	1.76	< 2	< 10	43	< 0.5	< 2	0.98	20	418	2.65	< 10	< 1	0.26	< 10
147251	0.011	< 0.2	< 0.5	28	311	< 1	25	< 2	55	1.31	< 2	< 10	49	< 0.5	< 2	1.67	12	55	2.04	< 10	< 1	0.24	< 10
147252	< 0.005	< 0.2	< 0.5	69	404	8	127	3	46	2.03	< 2	< 10	39	< 0.5	< 2	1.22	23	408	3.30	< 10	< 1	0.19	13
147253	< 0.005	0.2	< 0.5	12	327	8	14	14	57	1.08	< 2	< 10	149	< 0.5	< 2	1.40	7	19	1.80	< 10	< 1	0.59	20
147254	< 0.005	0.2	< 0.5	24	417	2	18	25	63	1.29	< 2	< 10	145	< 0.5	< 2	1.78	9	32	2.48	10	< 1	0.70	17
147255	0.006	< 0.2	< 0.5	101	753	44	14	12	90	1.60	< 2	< 10	177	< 0.5	< 2	2.54	10	15	3.80	10	< 1	0.93	18
147256	< 0.005	< 0.2	< 0.5	60	565	23	104	3	57	1.86	< 2	< 10	62	< 0.5	< 2	2.48	19	273	3.37	< 10	< 1	0.49	10
147257	< 0.005	1.1	< 0.5	71	549	317	146	97	54	2.03	< 2	< 10	73	< 0.5	3	1.58	27	406	4.43	10	< 1	1.12	11
147258	< 0.005	0.9	< 0.5	81	503	122	94	69	65	1.87	< 2	< 10	83	< 0.5	< 2	1.62	22	286	4.22	10	< 1	1.01	11
147259	< 0.005	< 0.2	< 0.5	69	410	20	65	7	39	1.26	< 2	< 10	58	< 0.5	< 2	2.45	17	211	2.71	< 10	< 1	0.38	14
147260	< 0.005	0.2	2.2	3	112	< 1	< 1	67	461	0.02	6	< 10	13	< 0.5	< 2	> 10.0	< 1	2	0.11	< 10	< 1	< 0.01	< 10
147261	< 0.005	0.2	< 0.5	64	380	28	134	34	163	1.84	< 2	< 10	36	< 0.5	< 2	0.99	20	491	2.70	< 10	< 1	0.31	< 10
147262	< 0.005	< 0.2	< 0.5	59	376	11	123	< 2	48	1.82	< 2	< 10	15	< 0.5	< 2	0.72	19	449	2.88	< 10	< 1	0.10	< 10
147263	< 0.005	0.3	< 0.5	76	401	28	99	8	56	1.59	< 2	< 10	70	< 0.5	< 2	1.35	18	350	2.91	< 10	< 1	0.47	< 10
147264	< 0.005	< 0.2	< 0.5	80	396	14	88	5	51	1.83	< 2	< 10	88	< 0.5	< 2	0.98	19	280	3.43	< 10	< 1	0.68	< 10
147265	< 0.005	0.2	< 0.5	74	436	140	75	26	36	1.41	< 2	< 10	92	< 0.5	2	1.81	19	238	3.20	< 10	< 1	0.67	15
147266	< 0.005	< 0.2	< 0.5	67	436	33	59	9	49	1.81	< 2	< 10	212	< 0.5	< 2	1.85	16	196	2.91	< 10	< 1	0.86	17
147267	< 0.005	< 0.2	< 0.5	73	447	2	28	6	56	1.69	< 2	< 10	146	< 0.5	< 2	2.88	16	92	2.71	< 10	< 1	0.41	26
147268	< 0.005	< 0.2	< 0.5	69	362	16	39	3	47	1.74	< 2	< 10	60	< 0.5	< 2	1.04	13	122	2.73	< 10	< 1	0.22	< 10
147269	< 0.005	< 0.2	< 0.5	89	363	63	58	8	43	1.68	< 2	< 10	55	< 0.5	< 2	1.29	18	185	3.22	< 10	< 1	0.48	< 10
147270	< 0.005	< 0.2	< 0.5	83	322	9	28	4	55	2.07	< 2	< 10	21	< 0.5	< 2	0.80	12	74	3.42	10	< 1	0.14	< 10
147271	6.59	1.1	< 0.5	144	659	3	108	18	70	3.21	32	28	39	< 0.5	< 2	2.68	27	277	5.72	10	< 1	0.15	< 10
147272	< 0.005	< 0.2	< 0.5	64	590	6	64	2	35	1.34	< 2	< 10	13	< 0.5	< 2	4.04	15	135	2.27	< 10	< 1	0.08	< 10
147273	< 0.005	< 0.2	< 0.5	61	455	7	107	3	35	1.30	2	< 10	19	< 0.5	< 2	2.44	20	334	2.46	< 10	< 1	0.09	12
147274	0.013	< 0.2	< 0.5	79	373	12	92	4	34	1.28	< 2	< 10	36	< 0.5	< 2	2.40	17	203	2.12	< 10	< 1	0.16	25
147275	< 0.005	< 0.2	< 0.5	69	351	8	111	7	43	1.53	< 2	< 10	24	< 0.5	< 2	1.20	17	237	2.30	< 10	< 1	0.13	25
147276	< 0.005	< 0.2	< 0.5	54	651	4	127	3	40	1.92	< 2	< 10	11	< 0.5	< 2	3.48	21	292	3.15	< 10	< 1	0.04	< 10
147277	< 0.005	< 0.2	< 0.5	59	1060	2	128	3	45	2.12	< 2	< 10	< 10	< 0.5	< 2	5.60	21	251	3.41	< 10	< 1	0.03	10
147278	< 0.005	< 0.2	< 0.5	50	522	15	124	4	36	1.53	< 2	< 10	15	< 0.5	< 2	1.78	24	338	2.41	< 10	< 1	0.08	12
147279	< 0.005	< 0.2	< 0.5	62	683	3	102	< 2	43	1.96	< 2	< 10	12	< 0.5	< 2	3.14	18	226	3.18	< 10	< 1	0.06	< 10
147280	< 0.005	< 0.2	< 0.5	54	1010	< 1	254	< 2	54	2.94	< 2	< 10	< 10	< 0.5	< 2	5.07	29	505	4.44	10	< 1	0.02	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147246	1.80	0.059	0.093	0.13	< 2	6	55	0.32	< 20	4	< 2	< 10	86	< 10	8	6
147247	1.78	0.044	0.086	0.03	< 2	6	49	0.28	< 20	6	< 2	< 10	100	< 10	7	8
147248	1.00	0.042	0.090	0.02	< 2	4	38	0.28	< 20	4	< 2	< 10	81	< 10	7	6
147249	2.05	0.049	0.033	0.23	< 2	5	35	0.33	< 20	1	< 2	< 10	134	< 10	9	14
147250	1.87	0.054	0.062	0.14	< 2	2	43	0.25	< 20	6	< 2	< 10	52	< 10	6	9
147251	1.14	0.062	0.059	0.15	< 2	2	85	0.15	< 20	7	< 2	< 10	49	< 10	3	16
147252	2.32	0.042	0.081	0.29	3	2	34	0.21	< 20	< 1	< 2	< 10	68	< 10	5	15
147253	0.85	0.065	0.065	0.12	< 2	2	101	0.14	< 20	< 1	< 2	< 10	34	< 10	5	46
147254	1.16	0.080	0.066	0.22	< 2	5	94	0.18	< 20	2	< 2	< 10	62	< 10	5	41
147255	1.14	0.073	0.188	0.21	< 2	7	51	0.37	< 20	5	< 2	< 10	103	< 10	12	18
147256	1.83	0.050	0.114	0.17	< 2	4	50	0.28	< 20	3	< 2	< 10	77	< 10	8	9
147257	2.40	0.049	0.078	0.60	2	5	19	0.31	< 20	5	< 2	< 10	106	< 10	8	19
147258	2.22	0.057	0.087	0.58	< 2	6	22	0.32	< 20	3	< 2	< 10	106	< 10	8	16
147259	1.24	0.073	0.100	0.29	< 2	4	52	0.26	< 20	6	< 2	< 10	70	< 10	7	10
147260	0.86	0.011	0.007	0.06	< 2	< 1	61	< 0.01	< 20	3	< 2	< 10	< 1	< 10	2	< 1
147261	2.11	0.059	0.068	0.09	3	2	26	0.20	< 20	4	< 2	< 10	45	< 10	5	6
147262	2.00	0.049	0.073	0.05	3	2	22	0.20	< 20	2	< 2	< 10	44	< 10	6	5
147263	1.72	0.081	0.079	0.14	< 2	3	44	0.25	< 20	2	< 2	< 10	59	< 10	7	9
147264	1.93	0.066	0.090	0.23	< 2	3	32	0.28	< 20	4	< 2	< 10	76	< 10	8	9
147265	1.50	0.068	0.092	0.33	< 2	4	34	0.32	< 20	9	< 2	< 10	88	< 10	9	15
147266	1.76	0.073	0.119	0.18	< 2	3	90	0.28	< 20	4	< 2	< 10	79	< 10	6	17
147267	1.62	0.088	0.153	0.22	< 2	3	149	0.21	< 20	6	< 2	< 10	73	< 10	5	12
147268	1.66	0.064	0.115	0.10	2	3	81	0.33	< 20	6	< 2	< 10	70	< 10	7	8
147269	1.75	0.065	0.100	0.34	< 2	4	49	0.31	< 20	4	< 2	< 10	81	< 10	8	9
147270	2.10	0.084	0.094	0.07	< 2	4	37	0.30	< 20	4	< 2	< 10	91	< 10	8	6
147271	2.55	0.063	0.038	0.49	3	7	35	0.33	< 20	3	< 2	< 10	141	< 10	10	17
147272	1.19	0.055	0.087	0.12	< 2	3	69	0.24	< 20	3	< 2	< 10	50	< 10	5	5
147273	1.35	0.055	0.098	0.24	2	2	50	0.25	< 20	1	< 2	< 10	50	< 10	6	7
147274	1.27	0.053	0.215	0.28	< 2	2	76	0.24	< 20	4	< 2	< 10	38	< 10	8	8
147275	1.60	0.052	0.228	0.13	< 2	2	75	0.25	< 20	6	< 2	< 10	40	< 10	8	9
147276	1.87	0.045	0.098	0.11	< 2	3	56	0.22	< 20	5	< 2	< 10	46	< 10	5	5
147277	2.07	0.033	0.106	0.12	< 2	3	64	0.22	< 20	3	< 2	< 10	51	< 10	5	6
147278	1.59	0.054	0.113	0.21	< 2	3	46	0.23	< 20	< 1	< 2	< 10	39	< 10	6	7
147279	2.01	0.044	0.086	0.33	< 2	4	57	0.24	< 20	< 1	< 2	< 10	62	< 10	6	5
147280	2.95	0.030	0.078	0.06	3	4	71	0.22	< 20	4	< 2	< 10	81	< 10	5	7

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	68	993	1	21	89	118	6.86	226	< 10	864	0.8	< 2	0.14	11	75	5.54	20	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	70	1040	2	21	93	126	7.16	230	< 10	896	0.9	< 2	0.15	11	79	5.62	20	< 1	0.95	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	591	1370				> 5000	> 10000		225						88		12.1				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	624	1490				> 5000	> 10000		238						96		13.0				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1380				> 5000	> 10000		224						93		11.9				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		95.8	309	310				> 5000	> 10000		143		26				19		7.73				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		97.3	306	327				> 5000	> 10000		138		20				20		7.77				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.0	306	339				> 5000	> 10000		137		20				20		7.94				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2290	777	< 1	33	57	267	2.93	5		75	0.7	8	0.36	17	44	5.48	< 10		0.47	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2260	788	< 1	31	61	278	2.95	7		76	0.7	9	0.37	18	45	5.40	< 10		0.42	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2130	737	< 1	30	58	264	2.79	5		69	0.7	5	0.36	17	43	5.09	< 10		0.42	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	0.5	4460	899	< 1	31	83	362	3.00	7		63	0.7	15	0.36	20	43	6.37	< 10		0.38	32
OREAS 923 (AQUA REGIA)		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4480	900	< 1	31	83	367	2.99	8		64	0.7	18	0.37	19	43	6.18	< 10		0.34	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4350	861	< 1	29	80	345	2.93	7		63	0.6	20	0.36	19	41	6.13	< 10		0.40	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.2	< 0.5	5960	302	4	4	31	131	0.99	34		197	0.9	17	0.22	36	8	7.70	20		0.29	32
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6230	348	6	6	38	158	1.15	36		231	1.0	19	0.27	42	9	8.10	20		0.30	38
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.345																						
OREAS 217 (Fire Assay) Cert	0.338																						
OREAS 217 (Fire Assay) Meas	0.341																						
OREAS 217 (Fire Assay) Cert	0.338																						
OREAS 217 (Fire Assay) Meas	0.335																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		68.7	283	3530	553	14	26	> 5000	> 10000	1.73	77			0.6	3	1.63	28	34	3.54	10	5	0.31	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.2	284	3650	535	13	24	> 5000	> 10000	1.74	73			0.5	< 2	1.58	27	33	3.61	10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147246 Orig		< 0.2	< 0.5	84	833	8	60	3	68	2.38	< 2	< 10	13	< 0.5	< 2	3.96	21	90	4.21	< 10	< 1	0.07	< 10
147246 Dup		< 0.2	< 0.5	80	797	8	58	3	65	2.31	< 2	< 10	12	< 0.5	< 2	3.85	20	87	4.12	< 10	< 1	0.07	< 10
147255 Orig	0.006																						
147255 Dup	0.006																						
147265 Orig	< 0.005																						
147265 Dup	< 0.005																						
147275 Orig	< 0.005																						
147275 Dup	< 0.005																						
147277 Orig		< 0.2	< 0.5	60	1070	2	129	3	46	2.14	< 2	< 10	< 10	< 0.5	< 2	5.63	21	254	3.43	< 10	< 1	0.03	10
147277 Dup		< 0.2	< 0.5	57	1060	2	127	3	43	2.10	< 2	< 10	< 10	< 0.5	< 2	5.56	21	249	3.40	< 10	< 1	0.03	10
147278 Orig		< 0.2	< 0.5	48	510	15	121	3	36	1.49	< 2	< 10	15	< 0.5	< 2	1.73	23	329	2.36	< 10	< 1	0.08	12
147278 Dup		< 0.2	< 0.5	52	534	15	127	5	36	1.56	< 2	< 10	16	< 0.5	< 2	1.82	25	347	2.47	< 10	< 1	0.08	12
Method Blank	< 0.005																						
Method Blank	< 0.005																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.35	0.061	0.033	0.01	5	16	31		< 20	< 1	< 2	< 10	156	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.37	0.062	0.034	0.01	7	17	33		< 20	< 1	< 2	< 10	164	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				17.5												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				17.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				10.2	159											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				11.8	154											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.1	147											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.30	0.024	0.066	0.38	3	3	16		< 20		< 2	< 10	33	< 10	18	30
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.30	0.021	0.067	0.38	3	3	16		< 20		< 2	< 10	34	< 10	19	31
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.27	0.021	0.063	0.35	< 2	3	15		< 20		< 2	< 10	32	< 10	17	29
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.41		0.063	0.69	3	3	14		< 20		< 2	< 10	33	< 10	16	32
OREAS 923 (AQUA REGIA)	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																
OREAS 923 (AQUA REGIA) Meas	1.39		0.064	0.69	2	3	14		< 20		< 2	< 10	34	< 10	17	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.36		0.061	0.67	3	3	14		< 20		< 2	< 10	32	< 10	16	32
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.20	0.071	0.024	0.06	5	2	11	0.02	< 20	< 1	< 2	< 10	5	< 10	6	43
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.071	0.026	0.07	7	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	51
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.43	0.122	0.035	4.72	135	2	18		< 20		9	< 10	12	< 10	8	65
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.141	0.034	4.67	130	2	18		< 20		9	< 10	12	< 10	7	62
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147246 Orig	1.82	0.058	0.095	0.13	< 2	6	55	0.32	< 20	3	< 2	< 10	87	< 10	8	6
147246 Dup	1.77	0.059	0.091	0.13	< 2	6	55	0.32	< 20	5	< 2	< 10	85	< 10	8	6
147255 Orig																
147255 Dup																
147265 Orig																
147265 Dup																
147275 Orig																
147275 Dup																
147277 Orig	2.09	0.034	0.106	0.12	< 2	3	65	0.23	< 20	4	< 2	< 10	52	< 10	5	6
147277 Dup	2.06	0.031	0.106	0.12	< 2	3	63	0.21	< 20	2	< 2	< 10	50	< 10	5	6
147278 Orig	1.56	0.054	0.111	0.21	< 2	3	45	0.22	< 20	< 1	< 2	< 10	38	< 10	6	7
147278 Dup	1.63	0.055	0.116	0.22	2	3	48	0.24	< 20	5	< 2	< 10	40	< 10	6	7
Method Blank																
Method Blank																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	2	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04356**
Report Date: **30-Apr-20**
Date Submitted: **16-Apr-20**
Your Reference: **April 16/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 16:15:22
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-23 10:45:36

REPORT **A20-04356**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147281	< 0.005	< 0.2	< 0.5	47	1210	< 1	398	8	46	2.96	< 2	< 10	< 10	< 0.5	< 2	6.88	35	751	4.93	10	< 1	0.01	< 10
147282	0.005	< 0.2	< 0.5	46	931	< 1	274	< 2	65	3.50	< 2	< 10	< 10	< 0.5	< 2	5.42	29	565	5.24	10	< 1	< 0.01	< 10
147283	< 0.005	< 0.2	< 0.5	22	903	< 1	270	8	60	3.48	< 2	< 10	< 10	< 0.5	< 2	5.35	28	580	4.71	10	< 1	0.01	< 10
147284	< 0.005	< 0.2	< 0.5	47	824	< 1	303	4	73	4.64	< 2	< 10	< 10	< 0.5	< 2	3.14	36	673	5.89	20	1	< 0.01	< 10
147285	0.007	< 0.2	< 0.5	55	943	< 1	347	< 2	58	4.11	3	< 10	11	< 0.5	< 2	5.79	34	864	5.58	10	< 1	0.02	< 10
147286	0.342	< 0.2	< 0.5	109	702	< 1	94	5	65	2.46	3	21	26	< 0.5	< 2	1.94	27	57	5.49	< 10	< 1	0.04	< 10
147287	< 0.005	< 0.2	< 0.5	9	254	< 1	19	< 2	50	1.01	< 2	< 10	58	< 0.5	< 2	1.77	6	14	1.36	< 10	< 1	0.21	12
147288	0.032	< 0.2	< 0.5	6	239	< 1	15	4	51	0.96	< 2	< 10	44	< 0.5	< 2	1.60	6	9	1.35	< 10	< 1	0.19	14
147289	0.007	< 0.2	< 0.5	4	256	< 1	16	5	41	1.06	< 2	< 10	51	< 0.5	< 2	1.79	6	12	1.40	< 10	< 1	0.20	12
147290	0.026	< 0.2	< 0.5	5	195	2	13	7	38	0.87	3	< 10	36	< 0.5	< 2	1.61	6	8	1.18	< 10	< 1	0.23	11
147291	< 0.005	< 0.2	< 0.5	2	212	< 1	17	3	40	0.98	< 2	< 10	41	< 0.5	< 2	1.26	7	8	1.20	< 10	< 1	0.18	12
147292	0.016	< 0.2	< 0.5	5	220	< 1	18	19	57	0.88	< 2	< 10	40	< 0.5	< 2	1.82	6	10	1.22	< 10	< 1	0.17	12
147293	0.058	< 0.2	< 0.5	13	256	< 1	23	5	46	1.05	< 2	< 10	37	< 0.5	< 2	1.61	7	22	1.48	< 10	< 1	0.19	12
147294	0.013	< 0.2	< 0.5	13	259	< 1	21	3	38	0.99	3	< 10	73	< 0.5	< 2	1.30	7	26	1.35	< 10	< 1	0.24	11
147295	< 0.005	< 0.2	< 0.5	48	943	< 1	350	6	60	4.47	< 2	< 10	< 10	< 0.5	< 2	5.03	36	789	5.93	10	< 1	0.01	< 10
147296	< 0.005	0.2	< 0.5	65	623	75	172	8	50	2.18	< 2	< 10	13	< 0.5	< 2	2.83	26	412	3.97	< 10	< 1	0.08	< 10
147297	< 0.005	< 0.2	< 0.5	50	873	< 1	286	< 2	57	2.97	< 2	< 10	< 10	< 0.5	< 2	3.86	32	702	4.24	10	< 1	0.02	< 10
147298	< 0.005	< 0.2	< 0.5	55	738	< 1	202	3	56	2.86	< 2	< 10	< 10	< 0.5	< 2	2.52	28	449	4.36	10	< 1	0.03	< 10
147299	< 0.005	< 0.2	< 0.5	56	812	< 1	176	3	60	2.78	< 2	< 10	11	< 0.5	< 2	3.02	24	439	4.13	10	< 1	0.04	< 10
147300	< 0.005	< 0.2	< 0.5	48	723	1	229	< 2	60	2.87	< 2	< 10	< 10	< 0.5	< 2	2.07	31	573	4.01	10	< 1	0.03	< 10
147301	< 0.005	< 0.2	< 0.5	50	670	43	166	3	44	1.81	< 2	< 10	11	< 0.5	< 2	3.54	30	436	3.32	< 10	< 1	0.07	< 10
147302	< 0.005	< 0.2	< 0.5	47	583	1	211	6	53	2.78	< 2	< 10	< 10	< 0.5	< 2	1.36	29	515	3.94	10	< 1	0.03	< 10
147303	< 0.005	< 0.2	< 0.5	42	662	1	215	< 2	52	2.75	< 2	< 10	< 10	< 0.5	< 2	2.63	33	498	4.05	10	< 1	0.04	< 10
147304	< 0.005	< 0.2	< 0.5	61	602	4	202	5	40	2.06	< 2	< 10	11	< 0.5	< 2	3.53	33	377	3.52	< 10	< 1	0.04	< 10
147305	< 0.005	< 0.2	< 0.5	61	631	< 1	252	< 2	59	3.63	2	< 10	< 10	< 0.5	< 2	2.84	36	429	5.76	10	2	0.02	< 10
147306	< 0.005	< 0.2	< 0.5	47	774	< 1	121	< 2	71	3.81	< 2	< 10	< 10	< 0.5	< 2	2.83	25	311	5.76	20	< 1	0.02	< 10
147307	< 0.005	< 0.2	< 0.5	29	413	54	121	9	48	1.61	< 2	< 10	12	< 0.5	< 2	1.41	17	317	2.72	< 10	< 1	0.07	< 10
147308	< 0.005	< 0.2	< 0.5	52	706	9	251	3	50	2.67	< 2	< 10	26	< 0.5	< 2	3.03	25	649	3.56	< 10	< 1	0.08	< 10
147309	< 0.005	< 0.2	< 0.5	60	660	2	113	4	72	1.95	< 2	< 10	30	< 0.5	< 2	2.90	18	305	2.89	< 10	< 1	0.12	10
147310	< 0.005	< 0.2	< 0.5	2	115	< 1	3	9	71	0.04	< 2	< 10	10	< 0.5	< 2	> 10.0	< 1	9	0.17	< 10	< 1	< 0.01	< 10
147311	< 0.005	< 0.2	< 0.5	64	707	< 1	83	< 2	63	2.17	< 2	< 10	11	< 0.5	< 2	2.10	21	218	3.50	< 10	< 1	0.05	< 10
147312	< 0.005	< 0.2	< 0.5	62	602	11	65	6	47	1.57	< 2	< 10	< 10	< 0.5	< 2	2.03	18	222	2.29	< 10	< 1	0.04	< 10
147313	< 0.005	< 0.2	< 0.5	45	595	< 1	168	< 2	55	2.74	< 2	< 10	< 10	< 0.5	< 2	1.12	28	528	3.89	10	< 1	0.02	< 10
147314	< 0.005	< 0.2	< 0.5	54	685	37	121	5	47	2.07	< 2	< 10	< 10	< 0.5	< 2	3.41	25	385	3.14	< 10	< 1	0.06	< 10
147315	0.008	< 0.2	< 0.5	64	620	4	209	8	32	0.84	14	< 10	19	< 0.5	< 2	5.67	32	144	4.05	< 10	< 1	0.13	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147281	3.30	0.031	0.075	0.08	3	6	87	0.20	< 20	5	< 2	< 10	93	< 10	5	6
147282	4.48	0.025	0.063	0.07	3	8	132	0.22	< 20	1	< 2	< 10	97	< 10	6	7
147283	4.56	0.019	0.063	0.03	3	11	106	0.17	< 20	3	< 2	< 10	84	< 10	5	8
147284	6.50	0.014	0.081	0.09	4	12	62	0.22	< 20	2	< 2	< 10	120	< 10	6	8
147285	5.57	0.025	0.068	0.12	4	10	112	0.20	< 20	3	< 2	< 10	101	< 10	5	10
147286	2.20	0.145	0.080	0.08	< 2	4	42	0.30	< 20	5	< 2	< 10	104	< 10	11	18
147287	0.65	0.064	0.047	0.05	< 2	< 1	64	0.05	< 20	2	< 2	< 10	14	< 10	2	18
147288	0.60	0.060	0.048	0.12	< 2	< 1	56	0.05	< 20	1	< 2	< 10	13	< 10	2	18
147289	0.65	0.068	0.049	0.07	< 2	< 1	61	0.06	< 20	2	< 2	< 10	17	< 10	2	17
147290	0.49	0.061	0.047	0.23	< 2	< 1	68	0.05	< 20	< 1	< 2	< 10	12	< 10	2	16
147291	0.59	0.062	0.049	0.11	< 2	< 1	78	0.06	< 20	< 1	< 2	< 10	14	< 10	2	17
147292	0.58	0.058	0.048	0.18	< 2	< 1	68	0.06	< 20	2	< 2	< 10	15	< 10	2	17
147293	0.75	0.055	0.048	0.14	< 2	< 1	60	0.06	< 20	< 1	< 2	< 10	15	< 10	2	17
147294	0.71	0.057	0.052	0.16	< 2	1	47	0.05	< 20	3	< 2	< 10	18	< 10	3	17
147295	6.21	0.015	0.061	0.11	4	9	112	0.18	< 20	< 1	< 2	< 10	94	< 10	5	9
147296	2.51	0.055	0.095	0.78	< 2	3	53	0.30	< 20	2	< 2	< 10	61	< 10	6	7
147297	3.61	0.034	0.077	0.23	3	2	41	0.22	< 20	< 1	< 2	< 10	52	< 10	5	5
147298	3.24	0.044	0.084	0.38	2	3	48	0.29	< 20	2	< 2	< 10	66	< 10	5	7
147299	3.15	0.037	0.088	0.10	3	3	57	0.25	< 20	3	< 2	< 10	62	< 10	6	7
147300	3.42	0.044	0.069	0.04	4	3	44	0.24	< 20	2	< 2	< 10	52	< 10	4	5
147301	2.18	0.054	0.060	0.76	< 2	2	49	0.21	< 20	2	< 2	< 10	37	< 10	4	5
147302	3.43	0.043	0.075	0.11	3	3	28	0.26	< 20	4	< 2	< 10	52	< 10	5	6
147303	3.35	0.040	0.077	0.32	2	3	39	0.26	< 20	< 1	< 2	< 10	54	< 10	4	5
147304	2.32	0.053	0.075	0.32	2	4	54	0.25	< 20	2	< 2	< 10	51	< 10	4	5
147305	4.02	0.038	0.077	0.15	2	4	49	0.28	< 20	< 1	< 2	< 10	76	< 10	4	5
147306	4.28	0.045	0.093	0.01	3	9	33	0.26	< 20	< 1	< 2	< 10	111	< 10	7	8
147307	1.85	0.056	0.064	0.40	< 2	2	21	0.14	< 20	1	< 2	< 10	44	< 10	3	18
147308	3.37	0.033	0.084	0.05	3	4	45	0.26	< 20	1	< 2	< 10	65	< 10	6	7
147309	2.14	0.049	0.085	0.10	< 2	4	48	0.29	< 20	< 1	< 2	< 10	75	< 10	6	6
147310	1.12	0.009	0.007	0.01	< 2	< 1	47	< 0.01	< 20	< 1	< 2	< 10	2	< 10	2	< 1
147311	2.04	0.045	0.088	0.11	< 2	3	51	0.31	< 20	4	< 2	< 10	70	< 10	5	7
147312	1.47	0.042	0.074	0.15	< 2	2	47	0.28	< 20	2	< 2	< 10	43	< 10	4	6
147313	3.50	0.024	0.070	0.12	3	3	16	0.26	< 20	4	< 2	< 10	61	< 10	5	6
147314	2.49	0.034	0.066	0.44	2	2	41	0.26	< 20	7	< 2	< 10	52	< 10	5	5
147315	0.57	0.031	0.091	3.73	< 2	3	50	0.24	< 20	5	< 2	< 10	45	< 10	4	7

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	72	1030	1	22	90	121	6.24	225	< 10	772	0.9	< 2	0.14	12	77	5.17	20	2	0.94	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	530	1240				> 5000	> 10000		212						89		10.7				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1280				> 5000	> 10000		234						91		12.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		92.8	279	306				> 5000	> 10000		132		19				19		7.34				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.8	298	311				> 5000	> 10000		142		20				18		8.20				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		1.3	< 0.5	2280	773	< 1	31	57	262	2.49	5		64	0.7	8	0.34	17	44	4.68	< 10		0.46	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2270	784	< 1	36	60	261	2.82	6		71	0.7	7	0.35	18	46	5.47	< 10		0.45	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	0.7	4440	897	< 1	33	84	354	2.92	5		60	0.6	16	0.37	20	42	6.36	< 10		0.34	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	0.7	4420	880	< 1	33	81	346	2.84	7		58	0.6	18	0.35	19	41	6.31	< 10		0.36	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6230	340	5	3	33	143	1.04	35		205	1.0	17	0.25	41	9	7.66	20		0.36	36
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.338																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		69.5	270	3600	541	13	25	> 5000	> 10000	1.60	77			0.5	< 2	1.55	28	30	3.48	10	4	0.33	19
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																							
Oreas 621 (Aqua Regia) Meas		70.9	281	3620	556	13	29	> 5000	> 10000	1.70	80			0.5	< 2	1.61	28	39	3.73	10	4	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147290 Orig	0.028																						
147290 Dup	0.024																						
147300 Orig	< 0.005																						
147300 Dup	0.005																						
147309 Orig		< 0.2	< 0.5	60	656	2	113	5	71	1.95	< 2	< 10	30	< 0.5	< 2	2.88	18	303	2.88	< 10	< 1	0.12	10
147309 Dup		< 0.2	< 0.5	60	664	2	114	3	73	1.95	< 2	< 10	30	< 0.5	< 2	2.91	18	307	2.89	< 10	< 1	0.12	10
147310 Orig	< 0.005																						
147310 Dup	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.36	0.059	0.032	0.01	5	16	31		< 20	1	< 2	< 10	161	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				16.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.8												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				11.3	144											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.2	155											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.22	0.021	0.063	0.35	3	3	16		< 20		< 2	< 10	33	< 10	15	24
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.36	0.025	0.065	0.38	2	3	16		< 20		< 2	< 10	34	< 10	16	26
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.49		0.062	0.69	3	3	14		< 20		< 2	< 10	33	< 10	15	28
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.46		0.061	0.66	4	3	13		< 20		< 2	< 10	33	< 10	15	27
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.21	0.084	0.024	0.06	6	2	12	0.02	< 20	< 1	< 2	< 10	6	< 10	6	41
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.146	0.034	4.68	131	2	18		< 20		3	< 10	12	< 10	6	52
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																
Oreas 621 (Aqua Regia) Meas	0.47	0.154	0.034	4.95	135	2	19		< 20		< 2	< 10	12	< 10	7	55
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147290 Orig																
147290 Dup																
147300 Orig																
147300 Dup																
147309 Orig	2.13	0.050	0.085	0.10	< 2	4	48	0.29	< 20	< 1	< 2	< 10	75	< 10	6	6
147309 Dup	2.14	0.049	0.086	0.10	< 2	4	48	0.29	< 20	3	< 2	< 10	76	< 10	6	6
147310 Orig																
147310 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04357**
Report Date: **30-Apr-20**
Date Submitted: **16-Apr-20**
Your Reference: **April 16/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-04-21 14:04:48
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-04-23 10:45:36

REPORT **A20-04357**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147316	< 0.005	< 0.2	< 0.5	73	1560	< 1	48	3	82	2.56	< 2	< 10	< 10	< 0.5	< 2	4.64	14	27	5.24	< 10	< 1	0.02	< 10
147317	< 0.005	< 0.2	< 0.5	62	995	2	164	< 2	59	2.53	< 2	< 10	< 10	< 0.5	< 2	4.64	27	300	4.55	10	< 1	0.07	< 10
147318	0.013	< 0.2	< 0.5	57	675	< 1	138	3	68	2.81	< 2	< 10	< 10	< 0.5	< 2	1.46	22	403	3.89	10	< 1	0.03	< 10
147319	< 0.005	< 0.2	< 0.5	52	564	27	228	< 2	59	3.08	< 2	< 10	< 10	< 0.5	< 2	1.56	28	515	3.98	10	< 1	0.03	< 10
147320	< 0.005	< 0.2	< 0.5	16	264	12	15	7	58	0.92	< 2	< 10	22	< 0.5	< 2	1.33	8	29	1.59	< 10	< 1	0.06	< 10
147321	< 0.005	< 0.2	< 0.5	8	296	< 1	25	4	29	1.32	< 2	< 10	26	< 0.5	< 2	1.77	9	55	1.85	< 10	< 1	0.10	< 10
147322	1.82	0.3	< 0.5	156	699	1	81	8	62	3.24	11	14	20	< 0.5	< 2	2.68	26	113	5.03	10	< 1	0.08	< 10
147323	< 0.005	< 0.2	< 0.5	8	398	< 1	43	< 2	38	1.67	< 2	< 10	24	< 0.5	< 2	2.36	12	101	2.60	< 10	< 1	0.06	< 10
147324	0.015	< 0.2	< 0.5	25	343	< 1	31	< 2	46	1.12	< 2	< 10	32	< 0.5	< 2	2.75	9	63	1.72	< 10	< 1	0.10	11
147325	0.039	< 0.2	< 0.5	48	287	< 1	12	< 2	45	0.76	< 2	< 10	29	< 0.5	< 2	2.60	7	18	1.45	< 10	< 1	0.07	14
147326	0.011	< 0.2	< 0.5	20	274	< 1	11	2	39	0.69	< 2	< 10	27	< 0.5	< 2	2.51	7	17	1.56	< 10	< 1	0.05	11
147327	0.040	< 0.2	< 0.5	24	281	3	10	2	38	0.66	< 2	< 10	37	< 0.5	< 2	2.35	6	15	1.17	< 10	< 1	0.10	< 10
147328	0.084	< 0.2	< 0.5	22	244	2	11	3	33	0.55	< 2	< 10	31	< 0.5	< 2	2.06	7	19	1.37	< 10	< 1	0.06	20
147329	0.039	< 0.2	< 0.5	27	254	< 1	10	< 2	40	0.75	< 2	< 10	41	< 0.5	< 2	1.82	7	16	1.24	< 10	< 1	0.12	< 10
147330	0.012	< 0.2	< 0.5	17	271	< 1	17	< 2	46	0.87	< 2	< 10	51	< 0.5	< 2	1.98	7	35	1.31	< 10	< 1	0.15	11
147331	0.013	< 0.2	< 0.5	20	264	< 1	10	< 2	41	0.77	< 2	< 10	39	< 0.5	< 2	2.18	6	15	1.32	< 10	< 1	0.11	< 10
147332	0.005	< 0.2	< 0.5	40	414	< 1	55	17	55	1.55	< 2	< 10	25	< 0.5	< 2	2.89	14	106	2.41	10	< 1	0.04	< 10
147333	0.005	< 0.2	< 0.5	35	396	< 1	24	15	77	1.21	< 2	< 10	30	< 0.5	< 2	2.06	10	26	2.05	< 10	< 1	0.09	< 10
147334	< 0.005	< 0.2	< 0.5	41	327	1	27	6	103	1.13	8	< 10	37	< 0.5	< 2	1.86	10	16	2.00	< 10	< 1	0.20	< 10
147335	0.010	< 0.2	< 0.5	62	960	2	113	19	147	1.84	40	< 10	27	< 0.5	< 2	3.09	23	118	3.22	< 10	< 1	0.16	< 10
147336	< 0.005	< 0.2	0.9	88	1050	2	128	37	407	1.79	91	< 10	26	< 0.5	2	2.93	27	118	3.86	< 10	< 1	0.16	10
147337	< 0.005	< 0.2	0.7	63	635	1	95	37	270	1.07	103	< 10	33	< 0.5	< 2	2.26	25	30	3.13	< 10	< 1	0.21	10
147338	< 0.005	< 0.2	0.7	63	678	1	97	50	258	1.76	54	< 10	36	< 0.5	< 2	2.16	26	123	3.61	< 10	< 1	0.17	10
147339	< 0.005	< 0.2	0.5	53	642	2	91	219	184	1.21	66	< 10	64	< 0.5	< 2	3.04	28	66	2.70	< 10	< 1	0.16	< 10
147340	7.06	1.0	< 0.5	135	672	3	106	23	67	2.66	30	26	32	< 0.5	< 2	2.58	27	272	4.79	10	< 1	0.12	< 10
147341	0.008	0.4	1.6	34	261	2	109	922	581	1.10	125	< 10	35	< 0.5	3	0.66	42	26	3.05	< 10	< 1	0.19	11
147342	0.016	0.6	1.6	62	234	3	79	2480	539	0.37	106	< 10	31	< 0.5	< 2	2.35	29	9	2.57	< 10	< 1	0.16	< 10
147343	< 0.005	0.2	0.6	74	225	9	14	330	213	0.49	14	< 10	65	< 0.5	< 2	2.57	7	11	1.49	< 10	< 1	0.12	< 10
147344	< 0.005	0.3	< 0.5	43	213	6	13	181	136	0.71	6	< 10	22	< 0.5	< 2	2.15	7	16	1.60	< 10	< 1	0.11	< 10
147345	< 0.005	< 0.2	< 0.5	35	200	< 1	12	95	113	0.78	7	< 10	21	< 0.5	< 2	1.81	7	14	1.47	< 10	< 1	0.12	< 10
147346	0.007	0.3	< 0.5	31	275	4	12	169	32	0.60	3	< 10	21	< 0.5	< 2	2.76	6	15	1.71	< 10	< 1	0.08	< 10
147347	0.035	< 0.2	< 0.5	84	262	3	12	378	35	0.61	< 2	< 10	22	< 0.5	< 2	1.82	7	18	1.51	< 10	< 1	0.07	< 10
147348	0.045	< 0.2	< 0.5	72	276	< 1	13	225	60	0.74	2	< 10	24	< 0.5	< 2	2.04	7	22	1.57	< 10	< 1	0.07	< 10
147349	0.010	< 0.2	< 0.5	36	293	< 1	14	511	57	0.98	5	< 10	28	< 0.5	< 2	1.56	7	20	1.64	< 10	< 1	0.11	< 10
147350	< 0.005	1.2	< 0.5	52	319	233	13	643	107	0.60	< 2	< 10	20	< 0.5	< 2	2.48	6	20	1.53	< 10	< 1	0.07	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147316	1.79	0.031	0.109	0.32	< 2	5	73	0.23	< 20	3	< 2	< 10	89	< 10	4	7
147317	2.44	0.035	0.077	0.42	3	4	48	0.23	< 20	4	< 2	< 10	86	< 10	3	6
147318	3.35	0.034	0.084	0.08	2	4	47	0.30	< 20	4	< 2	< 10	87	< 10	7	9
147319	4.15	0.025	0.075	0.08	3	2	32	0.28	< 20	5	< 2	< 10	68	< 10	7	7
147320	0.78	0.070	0.038	0.22	< 2	2	46	0.09	< 20	2	< 2	< 10	42	< 10	1	12
147321	1.01	0.057	0.042	0.01	< 2	2	48	0.08	< 20	< 1	< 2	< 10	39	< 10	2	12
147322	2.03	0.050	0.032	0.23	< 2	5	32	0.32	< 20	< 1	< 2	< 10	132	< 10	8	11
147323	1.51	0.053	0.057	0.07	2	4	40	0.11	< 20	6	< 2	< 10	48	< 10	3	10
147324	1.00	0.048	0.051	0.35	< 2	3	51	0.06	< 20	< 1	< 2	< 10	33	< 10	3	11
147325	0.65	0.055	0.048	0.47	< 2	2	56	0.04	< 20	2	< 2	< 10	27	< 10	2	10
147326	0.62	0.065	0.046	0.76	< 2	2	52	0.03	< 20	3	< 2	< 10	25	< 10	2	12
147327	0.53	0.051	0.046	0.55	< 2	1	78	0.05	< 20	< 1	< 2	< 10	22	< 10	2	8
147328	0.53	0.058	0.048	0.91	< 2	2	57	0.04	< 20	< 1	< 2	< 10	23	< 10	2	9
147329	0.57	0.059	0.048	0.42	< 2	1	65	0.05	< 20	3	< 2	< 10	22	< 10	2	10
147330	0.63	0.054	0.048	0.23	< 2	1	66	0.06	< 20	2	< 2	< 10	20	< 10	2	11
147331	0.56	0.051	0.047	0.34	< 2	1	60	0.04	< 20	< 1	< 2	< 10	18	< 10	2	10
147332	1.64	0.049	0.061	0.44	2	4	64	0.04	< 20	< 1	< 2	< 10	55	< 10	2	11
147333	0.96	0.049	0.054	0.45	< 2	2	42	0.01	< 20	< 1	< 2	< 10	37	< 10	2	15
147334	0.83	0.027	0.058	0.83	< 2	< 1	32	< 0.01	< 20	< 1	< 2	< 10	12	< 10	2	13
147335	1.72	0.017	0.068	1.22	< 2	3	51	< 0.01	< 20	1	< 2	< 10	36	< 10	2	18
147336	1.77	0.017	0.075	2.30	< 2	3	44	< 0.01	< 20	< 1	< 2	< 10	36	< 10	3	22
147337	0.60	0.014	0.065	2.09	< 2	1	54	< 0.01	< 20	4	< 2	< 10	12	< 10	5	25
147338	1.59	0.018	0.079	1.58	< 2	4	53	< 0.01	< 20	< 1	< 2	< 10	52	< 10	5	20
147339	0.89	0.018	0.062	1.22	< 2	2	26	0.01	< 20	2	< 2	< 10	19	< 10	8	19
147340	2.34	0.052	0.035	0.45	2	7	33	0.31	< 20	2	< 2	< 10	139	< 10	9	14
147341	0.65	0.018	0.065	1.97	< 2	1	11	< 0.01	< 20	1	< 2	< 10	14	< 10	3	26
147342	0.18	0.027	0.044	2.94	< 2	1	20	< 0.01	< 20	< 1	< 2	< 10	6	< 10	5	19
147343	0.38	0.034	0.038	1.18	< 2	< 1	35	< 0.01	< 20	< 1	< 2	< 10	11	< 10	2	11
147344	0.56	0.046	0.040	0.83	< 2	< 1	30	< 0.01	< 20	< 1	< 2	< 10	13	< 10	2	10
147345	0.55	0.042	0.039	0.59	< 2	< 1	23	< 0.01	< 20	< 1	< 2	< 10	10	< 10	2	10
147346	0.50	0.056	0.038	1.14	< 2	1	34	< 0.01	< 20	< 1	< 2	< 10	13	< 10	2	8
147347	0.50	0.047	0.039	0.94	< 2	< 1	20	< 0.01	< 20	< 1	< 2	< 10	16	< 10	2	9
147348	0.58	0.058	0.040	0.69	< 2	1	23	0.01	< 20	< 1	< 2	< 10	21	< 10	2	9
147349	0.65	0.053	0.041	0.16	< 2	< 1	16	0.01	< 20	< 1	< 2	< 10	19	< 10	2	9
147350	0.56	0.050	0.036	0.99	< 2	1	26	< 0.01	< 20	< 1	< 2	< 10	13	< 10	2	8

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	72	1030	1	22	90	121	6.24	225	< 10	772	0.9	< 2	0.14	12	77	5.17	20	2	0.94	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	530	1240				> 5000	> 10000		212						89		10.7				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	583	1280				> 5000	> 10000		234						91		12.6				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		92.8	279	306				> 5000	> 10000		132		19				19		7.34				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		98.8	298	311				> 5000	> 10000		142		20				18		8.20				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 922 (AQUA REGIA) Meas		1.3	< 0.5	2280	773	< 1	31	57	262	2.49	5		64	0.7	8	0.34	17	44	4.68	< 10		0.46	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2270	784	< 1	36	60	261	2.82	6		71	0.7	7	0.35	18	46	5.47	< 10		0.45	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	0.7	4440	897	< 1	33	84	354	2.92	5		60	0.6	16	0.37	20	42	6.36	< 10		0.34	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	0.7	4420	880	< 1	33	81	346	2.84	7		58	0.6	18	0.35	19	41	6.31	< 10		0.36	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6230	340	5	3	33	143	1.04	35		205	1.0	17	0.25	41	9	7.66	20		0.36	36
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 217 (Fire Assay) Meas	0.352																						
OREAS 217 (Fire Assay) Cert	0.338																						
Oreas 621 (Aqua Regia) Meas		69.5	270	3600	541	13	25	> 5000	> 10000	1.60	77			0.5	< 2	1.55	28	30	3.48	10	4	0.33	19
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																							
Oreas 621 (Aqua Regia) Meas		70.9	281	3620	556	13	29	> 5000	> 10000	1.70	80			0.5	< 2	1.61	28	39	3.73	10	4	0.33	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
147325 Orig	0.038	< 0.2	< 0.5	47	291	< 1	12	< 2	45	0.77	< 2	< 10	30	< 0.5	< 2	2.64	7	19	1.47	< 10	< 1	0.06	14
147325 Dup	0.041	< 0.2	< 0.5	49	283	< 1	11	< 2	45	0.74	< 2	< 10	29	< 0.5	< 2	2.55	7	17	1.43	< 10	< 1	0.07	14
147335 Orig	0.011																						
147335 Dup	0.009																						
147345 Orig	< 0.005																						
147345 Dup	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.36	0.059	0.032	0.01	5	16	31		< 20	1	< 2	< 10	161	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				16.6												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				18.8												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				11.3	144											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				12.2	155											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 922 (AQUA REGIA) Meas	1.22	0.021	0.063	0.35	3	3	16		< 20		< 2	< 10	33	< 10	15	24
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.36	0.025	0.065	0.38	2	3	16		< 20		< 2	< 10	34	< 10	16	26
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.49		0.062	0.69	3	3	14		< 20		< 2	< 10	33	< 10	15	28
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.46		0.061	0.66	4	3	13		< 20		< 2	< 10	33	< 10	15	27
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.21	0.084	0.024	0.06	6	2	12	0.02	< 20	< 1	< 2	< 10	6	< 10	6	41
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.146	0.034	4.68	131	2	18		< 20		3	< 10	12	< 10	6	52
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																
Oreas 621 (Aqua Regia) Meas	0.47	0.154	0.034	4.95	135	2	19		< 20		< 2	< 10	12	< 10	7	55
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
147325 Orig	0.66	0.055	0.048	0.49	< 2	2	56	0.05	< 20	2	< 2	< 10	28	< 10	2	10
147325 Dup	0.64	0.055	0.048	0.46	< 2	2	56	0.04	< 20	2	< 2	< 10	27	< 10	2	10
147335 Orig																
147335 Dup																
147345 Orig																
147345 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04489-Final2**
Report Date: **09-Jun-20**
Date Submitted: **22-Apr-20**
Your Reference: **April 22/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2 (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	

REPORT **A20-04489-Final2**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-04489-Final2**
Report Date: **09-Jun-20**
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Your Reference: **April 22/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3	QOP AquaGeo (Aqua Regia ICPOES)	2020-06-09 08:42:49

REPORT **A20-04489-Final2**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Cu	Pb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	0.005	0.01	0.01	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147354			0.80																				
147355			1.09																				
147357		0.58		2.6	18.0	395	339	16	266	> 5000	5400	1.02	394	< 10	26	< 0.5	< 2	2.18	129	11	4.61	< 10	< 1
147358		1.30	0.82	4.3	29.1	1320	519	12	256	> 5000	7850	0.93	394	< 10	34	< 0.5	< 2	2.39	97	11	5.28	< 10	< 1
147359			0.16																				
147360			0.39																				
147361			0.38																				
147362			0.21																				
147460		0.49	0.02																				
147464		2.36	5.17																				
147475		0.53																					
147477		2.52	2.25																				
147478		6.87	1.67																				
147479	0.469	2.38	3.61																				
147480	1.67	9.57	7.95																				
147481		0.64																					
147482		2.70	3.57																				
147483		0.99	0.85																				
147484		0.62																					
147485		0.96																					
147486		8.06																					
147487		2.44	1.79																				
147488		0.91	0.89																				
147489			0.91																				

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147354																		
147355																		
147357	0.48	15	0.28	0.039	0.063	5.58	2	3	19	< 0.01	< 20	3	< 2	< 10	16	< 10	7	30
147358	0.34	25	0.51	0.034	0.053	6.46	3	3	18	< 0.01	< 20	6	< 2	< 10	13	< 10	9	35
147359																		
147360																		
147361																		
147362																		
147460																		
147464																		
147475																		
147477																		
147478																		
147479																		
147480																		
147481																		
147482																		
147483																		
147484																		
147485																		
147486																		
147487																		
147488																		
147489																		

Analyte Symbol	Cu	Pb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	0.005	0.01	0.01	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 134b (Fusion) Meas	0.146		17.4																				
OREAS 134b (Fusion) Cert	0.134		18.12																				
OREAS 134b (Fusion) Meas			17.2																				
OREAS 134b (Fusion) Cert			18.12																				
MP-1b Meas	3.07	2.14	16.7																				
MP-1b Cert	3.07	2.09	16.7																				
MP-1b Meas		2.07	16.2																				
MP-1b Cert		2.09	16.7																				
CPB-2 Meas	0.125	65.3	6.00																				
CPB-2 Cert	0.1213	63.52	6.04																				
CPB-2 Meas		64.7	5.89																				
CPB-2 Cert		63.52	6.04																				
CZN-4 Meas	0.413	0.18	56.8																				
CZN-4 Cert	0.403	0.1861	55.07																				
CZN-4 Meas		0.18	54.4																				
CZN-4 Cert		0.1861	55.07																				
OREAS 45d (Aqua Regia) Meas						362	427		207	14	41	5.70	6		87		< 2	0.10	25	470	13.3	20	
OREAS 45d (Aqua Regia) Cert						345.0	400.000		176.0	17.00	30.6	4.860	6.50		80		0.30	0.09	26.2	467	13.650	17.9	
OREAS 922 (AQUA REGIA) Meas				0.8	< 0.5	2170	763	< 1	35	58	271	2.73	6		97	0.8	5	0.41	18	44	5.06	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 923 (AQUA REGIA) Meas				2.3	< 0.5	4220	881	< 1	33	81	342	2.73	7		77	0.7	14	0.41	21	39	5.81	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 520 (Aqua Regia) Meas						2860	2080	56	70	5	21	1.44	137			0.6	< 2	3.34	177	33	15.2	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
OREAS 907 (Aqua Regia) Meas				1.4	0.6	6370	346	5	6	34	152	1.22	35		263	1.1	18	0.27	44	9	8.05	20	
OREAS 907 (Aqua Regia) Cert				1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7	
CCU-1e Meas	21.9	0.69	2.80																				
CCU-1e Cert	22.9	0.703	3.02																				
Oreas 621 (Aqua Regia) Meas				68.3	278	3560	543	13	25	> 5000	> 10000	1.72	75			0.6	5	1.60	29	30	3.39	< 10	3
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
OREAS 263 (Aqua Regia) Meas				< 0.2	< 0.5	87	508	< 1	70	35	133	1.90	29		211	1.4	< 2	1.01	32	56	3.64	< 10	< 1
OREAS 263				0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170

Analyte Symbol	Cu	Pb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	0.005	0.01	0.01	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas				6.2	27.9	231	1610	8	33	1190	> 10000	1.21	203				< 2	1.68	25	24	6.95	< 10	< 1
OREAS 130 (Aqua Regia) Cert				6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670
OREAS 153b (Aqua Regia) Meas				1.4	< 0.5	6750	267	161	12	11	117	2.51	78		33	< 0.5	4	1.32	15	16	3.76	< 10	< 1
OREAS 153b (Aqua Regia) Cert				1.40	0.240	6700	240	156	11.1	12.4	118	2.28	80.0		22.8	0.180	1.81	1.32	14.9	16.2	3.60	8.06	0.0660
OREAS 139 (Peroxide Fusion) Meas		2.17	12.9																				
OREAS 139 (Peroxide Fusion) Cert		2.20	13.36																				
147357 Orig		0.58	0.53																				
147357 Dup		0.58	0.52																				
147358 Orig		1.26	0.79																				
147358 Dup		1.34	0.85																				
147475 Orig	0.031	0.53	0.06																				
147475 Dup	0.032	0.53	0.06																				
147488 Orig	0.031	0.92	0.89																				
147488 Dup	0.030	0.91	0.88																				
147489 Orig	0.024	0.39	0.91																				
147489 Dup	0.024	0.39	0.91																				
Method Blank	< 0.005	< 0.01	< 0.01																				
Method Blank	< 0.005	< 0.01	< 0.01																				
Method Blank		< 0.01	< 0.01																				
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 134b (Fusion) Meas																		
OREAS 134b (Fusion) Cert																		
OREAS 134b (Fusion) Meas																		
OREAS 134b (Fusion) Cert																		
MP-1b Meas																		
MP-1b Cert																		
MP-1b Meas																		
MP-1b Cert																		
CPB-2 Meas																		
CPB-2 Cert																		
CPB-2 Meas																		
CPB-2 Cert																		
CZN-4 Meas																		
CZN-4 Cert																		
CZN-4 Meas																		
CZN-4 Cert																		
OREAS 45d (Aqua Regia) Meas	0.14	12	0.16	0.043	0.035	0.05		45	14		< 20			< 10	205		5	
OREAS 45d (Aqua Regia) Cert	0.097	9.960	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201.0		5.08	
OREAS 922 (AQUA REGIA) Meas	0.56	37	1.29	0.029	0.063	0.37	< 2	4	16		< 20		< 2	< 10	35	< 10	21	24
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	0.47	35	1.42		0.059	0.72	2	4	15		< 20		< 2	< 10	34	< 10	19	17
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 520 (Aqua Regia) Meas	0.52	70	1.05	0.063	0.068	0.93	6	12	33	0.16	< 20	2	< 2	< 10	221	24	13	36
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 907 (Aqua Regia) Meas	0.41	39	0.22	0.096	0.025	0.07	5	2	13	0.03	< 20	1	< 2	< 10	6	< 10	7	51
OREAS 907 (Aqua Regia) Cert	0.286	36.1	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
CCU-1e Meas																		
CCU-1e Cert																		
Oreas 621 (Aqua Regia) Meas	0.41	20	0.42	0.186	0.034	4.70	109	3	20		< 20		< 2	< 10	13	< 10	8	67
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 263 (Aqua Regia) Meas	0.47		0.58	0.088	0.042	0.12	9	4	18		< 20	1	< 2	< 10	29		13	
OREAS 263 (Aqua Regia) Cert	0.288		0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 130 (Aqua Regia) Meas	0.63	26	0.90		0.084	5.86	8	4	22	0.03	< 20	< 1	4	< 10	37	18	12	26
OREAS 130 (Aqua Regia) Cert	0.500	26.4	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
OREAS 153b (Aqua Regia) Meas	0.45	< 10	1.47	0.183	0.048	1.26	3	11	37	0.06	< 20	< 1	< 2	< 10	157		9	2
OREAS 153b (Aqua Regia) Cert	0.365	3.79	1.47	0.148	0.0470	1.27	2.12	9.98	31.4	0.0500	0.350	0.250	0.0640	0.0610	153		9.38	0.860
OREAS 139 (Peroxide Fusion) Meas																		
OREAS 139 (Peroxide Fusion) Cert																		
147357 Orig																		
147357 Dup																		
147358 Orig																		
147358 Dup																		
147475 Orig																		
147475 Dup																		
147488 Orig																		
147488 Dup																		
147489 Orig																		
147489 Dup																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank	< 0.01	< 10	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	3	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04489-Final3**
Report Date: **10-Jun-20**
Date Submitted: **22-Apr-20**
Your Reference: **April 22/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2 (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	

REPORT **A20-04489-Final3**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-04489-Final3**
Report Date: **10-Jun-20**
Date Submitted: **22-Apr-20**
Your Reference: **April 22/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3	QOP AquaGeo (Aqua Regia ICPOES)	

REPORT **A20-04489-Final3**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Cu	Pb	Zn
Unit Symbol	%	%	%
Lower Limit	0.005	0.01	0.01
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
147354			0.80
147355			1.09
147357		0.58	
147358		1.30	0.82
147359		2.88	0.16
147360		1.23	0.39
147361		0.80	0.38
147362		0.98	0.21
147460		0.49	0.02
147464		2.36	5.17
147475		0.53	
147477		2.52	2.25
147478		6.87	1.67
147479	0.469	2.38	3.61
147480	1.67	9.57	7.95
147481		0.64	
147482		2.70	3.57
147483		0.99	0.85
147484		0.62	
147485		0.96	
147486		8.06	
147487		2.44	1.79
147488		0.91	0.89
147489			0.91

Analyte Symbol	Cu	Pb	Zn
Unit Symbol	%	%	%
Lower Limit	0.005	0.01	0.01
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2
OREAS 134b (Fusion) Meas	0.146		17.4
OREAS 134b (Fusion) Cert	0.134		18.12
OREAS 134b (Fusion) Meas			17.2
OREAS 134b (Fusion) Cert			18.12
MP-1b Meas	3.07	2.14	16.7
MP-1b Cert	3.07	2.09	16.7
MP-1b Meas		2.07	16.2
MP-1b Cert		2.09	16.7
CPB-2 Meas	0.125	65.3	6.00
CPB-2 Cert	0.1213	63.52	6.04
CPB-2 Meas		64.7	5.89
CPB-2 Cert		63.52	6.04
CZN-4 Meas	0.413	0.18	56.8
CZN-4 Cert	0.403	0.1861	55.07
CZN-4 Meas		0.18	54.4
CZN-4 Cert		0.1861	55.07
CCU-1e Meas	21.9	0.69	2.80
CCU-1e Cert	22.9	0.703	3.02
OREAS 139 (Peroxide Fusion) Meas		2.17	12.9
OREAS 139 (Peroxide Fusion) Cert		2.20	13.36
147357 Orig		0.58	0.53
147357 Dup		0.58	0.52
147358 Orig		1.26	0.79
147358 Dup		1.34	0.85
147475 Orig	0.031	0.53	0.06
147475 Dup	0.032	0.53	0.06
147488 Orig	0.031	0.92	0.89
147488 Dup	0.030	0.91	0.88
147489 Orig	0.024	0.39	0.91
147489 Dup	0.024	0.39	0.91
Method Blank	< 0.005	< 0.01	< 0.01
Method Blank	< 0.005	< 0.01	< 0.01
Method Blank		< 0.01	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-04775**
Report Date: **05-Jun-20**
Date Submitted: **04-May-20**
Your Reference: **May 04/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

208 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3	QOP AquaGeo (Aqua Regia ICPOES)	2020-05-28 11:58:13

REPORT **A20-04775**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A20-04775**
Report Date: **05-Jun-20**
Date Submitted: **04-May-20**
Your Reference: **May 04/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

208 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-05-24 10:45:46

REPORT **A20-04775**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147526	0.006	< 0.2	< 0.5	95	1280	< 1	126	< 2	47	4.15	5	< 10	< 10	< 0.5	< 2	5.63	38	279	6.02	< 10	< 1	0.02	< 10
147527	0.005	< 0.2	< 0.5	90	1620	< 1	136	< 2	53	3.94	7	< 10	< 10	< 0.5	< 2	5.69	38	294	6.15	< 10	< 1	0.03	< 10
147528	0.010	0.2	< 0.5	63	4570	< 1	62	8	67	3.39	< 2	< 10	11	< 0.5	< 2	3.88	19	79	17.2	< 10	< 1	0.02	< 10
147529	0.006	< 0.2	< 0.5	52	1130	< 1	52	3	96	2.17	12	< 10	35	< 0.5	< 2	3.13	18	74	4.56	< 10	< 1	0.14	14
147530	0.006	< 0.2	< 0.5	71	2370	< 1	94	5	98	2.76	17	< 10	21	< 0.5	< 2	4.71	21	189	6.89	< 10	< 1	0.08	11
147531	0.015	0.3	< 0.5	80	3450	< 1	51	31	144	3.57	4	< 10	15	< 0.5	< 2	5.03	17	83	9.21	10	< 1	0.03	< 10
147532	6.55	1.0	< 0.5	138	666	3	112	17	66	2.95	32	28	40	< 0.5	< 2	2.76	30	277	5.25	10	< 1	0.14	< 10
147533	0.006	< 0.2	< 0.5	53	3250	< 1	39	11	162	3.86	3	< 10	13	< 0.5	< 2	4.23	11	76	9.15	10	< 1	0.02	< 10
147534	0.006	< 0.2	< 0.5	13	3110	< 1	32	6	81	3.29	4	< 10	20	< 0.5	< 2	4.52	10	49	7.64	10	< 1	0.04	< 10
147535	0.005	< 0.2	< 0.5	10	2480	< 1	31	< 2	61	3.21	3	< 10	21	< 0.5	< 2	4.44	10	45	6.84	10	< 1	0.06	< 10
147536	< 0.005	< 0.2	< 0.5	17	1670	< 1	33	6	79	2.85	3	< 10	24	< 0.5	< 2	3.71	11	39	5.32	10	< 1	0.08	< 10
147537	0.008	0.2	0.6	23	1810	< 1	40	47	147	2.30	< 2	< 10	28	< 0.5	< 2	3.84	14	61	5.53	< 10	< 1	0.08	< 10
147538	0.006	0.2	0.9	23	2460	< 1	36	62	248	2.17	4	< 10	25	< 0.5	< 2	4.66	13	64	5.80	< 10	< 1	0.08	< 10
147539	0.006	< 0.2	< 0.5	49	1480	3	17	9	56	1.85	2	< 10	31	< 0.5	< 2	2.95	8	18	4.18	< 10	< 1	0.11	25
147540	0.007	< 0.2	< 0.5	36	2740	3	21	3	56	2.48	2	< 10	24	< 0.5	< 2	3.12	8	27	6.52	< 10	< 1	0.09	20
147541	0.009	< 0.2	< 0.5	25	3040	2	25	10	80	3.01	< 2	< 10	18	< 0.5	< 2	3.50	10	29	8.11	< 10	< 1	0.09	11
147542	0.007	< 0.2	< 0.5	5	558	< 1	34	< 2	80	1.78	< 2	< 10	48	< 0.5	< 2	3.57	16	34	2.44	< 10	< 1	0.20	< 10
147543	0.005	< 0.2	< 0.5	9	491	< 1	33	< 2	76	2.03	< 2	< 10	47	< 0.5	< 2	2.77	14	36	2.66	< 10	< 1	0.19	< 10
147544	0.006	< 0.2	< 0.5	16	1320	< 1	34	5	71	1.74	< 2	< 10	38	< 0.5	< 2	2.97	13	25	4.23	< 10	< 1	0.42	< 10
147545	0.005	< 0.2	< 0.5	< 1	97	< 1	< 1	< 2	< 2	0.02	< 2	< 10	13	< 0.5	< 2	> 10.0	< 1	< 1	0.10	< 10	< 1	< 0.01	< 10
147546	0.009	< 0.2	< 0.5	10	1680	< 1	25	22	85	1.81	< 2	< 10	54	< 0.5	< 2	3.68	10	23	4.55	< 10	< 1	0.59	< 10
147547	0.032	< 0.2	< 0.5	7	1400	< 1	20	< 2	45	1.48	< 2	< 10	63	< 0.5	< 2	3.57	9	22	3.74	< 10	< 1	0.59	< 10
147548	0.010	< 0.2	< 0.5	8	1390	< 1	22	4	47	1.26	7	< 10	43	< 0.5	< 2	3.63	9	28	3.80	< 10	< 1	0.35	< 10
147549	0.006	< 0.2	< 0.5	17	1010	< 1	24	< 2	60	1.98	< 2	< 10	16	< 0.5	< 2	4.60	9	34	2.92	< 10	< 1	0.11	< 10
147550	0.006	< 0.2	< 0.5	21	1020	< 1	26	< 2	61	1.84	2	< 10	18	< 0.5	< 2	4.33	9	32	2.70	< 10	< 1	0.13	< 10
147551	0.008	< 0.2	< 0.5	40	1230	< 1	33	13	153	2.17	< 2	< 10	14	< 0.5	< 2	1.98	14	39	4.84	< 10	< 1	0.08	< 10
147552	0.006	< 0.2	< 0.5	29	1380	< 1	33	15	113	2.01	< 2	< 10	16	< 0.5	< 2	3.55	13	46	4.29	< 10	< 1	0.10	< 10
147553	0.007	< 0.2	< 0.5	26	1350	< 1	32	< 2	69	2.06	2	< 10	15	< 0.5	< 2	4.29	13	47	4.31	< 10	< 1	0.08	< 10
147554	0.006	< 0.2	< 0.5	13	660	< 1	29	< 2	56	2.04	< 2	< 10	21	< 0.5	< 2	2.61	9	35	2.90	< 10	< 1	0.12	< 10
147555	0.007	< 0.2	< 0.5	10	704	< 1	35	< 2	63	2.14	< 2	10	25	< 0.5	< 2	1.86	9	33	3.00	< 10	< 1	0.16	< 10
147556	0.007	< 0.2	< 0.5	35	1050	< 1	53	6	125	2.01	< 2	< 10	24	< 0.5	< 2	4.08	11	68	3.49	< 10	< 1	0.15	13
147557	0.006	< 0.2	< 0.5	33	1110	< 1	56	15	193	1.49	< 2	< 10	19	< 0.5	< 2	5.29	14	95	3.30	< 10	< 1	0.11	< 10
147558	0.176	< 0.2	< 0.5	8	630	< 1	2	2	49	1.06	< 2	< 10	27	< 0.5	< 2	1.12	3	5	1.83	< 10	< 1	0.10	< 10
147559	0.344	< 0.2	< 0.5	105	703	< 1	86	< 2	63	2.53	< 2	24	28	< 0.5	< 2	2.17	29	57	5.21	< 10	< 1	0.05	< 10
147560	0.022	< 0.2	< 0.5	68	1010	< 1	3	3	148	1.25	< 2	< 10	26	< 0.5	< 2	1.74	4	5	2.46	< 10	< 1	0.10	< 10
147561	0.026	< 0.2	< 0.5	9	793	< 1	7	3	62	1.13	2	< 10	34	< 0.5	< 2	2.01	3	6	2.15	< 10	< 1	0.16	< 10
147562	0.018	< 0.2	< 0.5	7	642	< 1	3	3	62	1.05	< 2	< 10	35	< 0.5	< 2	2.16	3	3	1.87	< 10	< 1	0.19	< 10
147563	0.012	< 0.2	< 0.5	5	701	< 1	4	< 2	53	1.20	< 2	< 10	55	< 0.5	< 2	3.04	4	2	2.24	< 10	< 1	0.20	< 10
147564	0.011	< 0.2	< 0.5	13	477	2	6	< 2	52	0.61	< 2	< 10	24	< 0.5	< 2	1.74	3	3	1.20	< 10	< 1	0.13	< 10
147565	0.009	< 0.2	< 0.5	9	214	< 1	3	< 2	99	0.56	< 2	< 10	32	< 0.5	< 2	1.14	3	4	0.61	< 10	< 1	0.13	< 10
147566	0.013	< 0.2	< 0.5	11	241	< 1	7	< 2	79	0.70	< 2	< 10	33	< 0.5	< 2	1.15	6	5	0.72	< 10	< 1	0.13	< 10
147567	0.011	< 0.2	< 0.5	8	343	< 1	3	< 2	68	0.73	< 2	< 10	34	< 0.5	< 2	1.22	3	4	1.02	< 10	< 1	0.12	< 10
147568	0.029	< 0.2	< 0.5	10	678	< 1	7	< 2	45	1.08	3	< 10	32	< 0.5	< 2	1.77	4	4	2.23	< 10	< 1	0.13	< 10
147569	0.022	< 0.2	< 0.5	7	441	< 1	6	< 2	51	0.70	6	< 10	32	< 0.5	< 2	1.14	4	4	1.46	< 10	< 1	0.12	< 10
147570	0.009	< 0.2	< 0.5	8	490	< 1	11	< 2	47	0.78	< 2	< 10	31	< 0.5	< 2	1.06	5	4	1.53	< 10	< 1	0.13	< 10
147571	0.018	< 0.2	< 0.5	25	518	2	2	4	44	0.75	5	< 10	28	< 0.5	< 2	1.62	4	5	1.73	< 10	< 1	0.12	< 10
147572	0.034	< 0.2	< 0.5	25	389	1	4	11	66	0.80	3	< 10	32	< 0.5	< 2	1.73	4	5	1.33	< 10	< 1	0.18	< 10
147573	1.84	0.3	< 0.5	158	738	< 1	85	6	62	3.85	13	17	26	< 0.5	< 2	3.32	30	118	5.45	10	< 1	0.09	< 10
147574	0.066	0.2	< 0.5	6	578	< 1	3	11	70	0.97	7	< 10	68	< 0.5	< 2	3.33	4	2	1.92	< 10	< 1	0.27	< 10
147575	0.038	< 0.2	< 0.5	7	413	< 1	3	10	81	0.98	6	< 10	70	< 0.5	< 2	2.68	4	4	1.88	< 10	< 1	0.30	< 10
147576	0.013	< 0.2	< 0.5	4	523	< 1	3	3	47	1.01	< 2	< 10	72	< 0.5	< 2	3.10	4	3	1.73	< 10	< 1	0.30	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147577	0.007	< 0.2	< 0.5	4	518	< 1	2	< 2	51	1.09	< 2	< 10	73	< 0.5	< 2	2.45	4	4	1.91	< 10	< 1	0.32	< 10
147578	0.009	< 0.2	< 0.5	5	514	< 1	2	< 2	48	1.03	< 2	< 10	70	< 0.5	< 2	2.34	4	3	1.83	< 10	< 1	0.33	< 10
147579	0.019	< 0.2	< 0.5	28	268	< 1	10	< 2	47	0.83	< 2	< 10	75	< 0.5	< 2	2.28	6	10	1.57	< 10	< 1	0.14	< 10
147580	0.018	0.3	< 0.5	20	592	22	42	13	59	0.55	13	< 10	50	< 0.5	< 2	4.87	15	10	2.56	< 10	< 1	0.16	< 10
147581	0.015	0.2	0.7	59	729	4	75	22	277	1.05	17	< 10	59	< 0.5	< 2	4.73	21	15	3.28	< 10	< 1	0.28	< 10
147582	0.007	< 0.2	< 0.5	< 1	113	< 1	< 1	< 2	< 2	0.04	< 2	< 10	18	< 0.5	< 2	> 10.0	< 1	< 1	0.10	< 10	< 1	0.02	< 10
147583	0.019	0.4	0.8	48	686	10	80	61	284	0.93	22	< 10	55	< 0.5	< 2	4.20	23	15	3.20	< 10	< 1	0.32	< 10
147584	0.007	< 0.2	< 0.5	< 1	116	< 1	< 1	< 2	21	4.22	3	14	< 10	0.6	< 2	0.68	< 1	2	0.58	< 10	< 1	1.33	< 10
147585	0.013	0.4	0.5	51	501	50	85	24	234	0.57	26	< 10	46	< 0.5	< 2	3.58	22	21	2.95	< 10	< 1	0.25	< 10
147586	0.016	0.9	0.9	54	287	42	76	94	351	0.69	28	< 10	40	< 0.5	< 2	2.02	22	19	2.90	< 10	< 1	0.30	< 10
147587	0.015	1.1	1.1	65	253	66	74	163	394	0.67	33	< 10	45	< 0.5	< 2	1.75	20	24	2.53	< 10	< 1	0.25	< 10
147588	0.033	4.0	13.1	67	315	488	53	1270	4080	0.55	21	< 10	23	< 0.5	< 2	3.41	15	30	2.06	< 10	< 1	0.06	11
147589	0.018	1.1	1.6	19	147	247	33	342	609	0.46	15	< 10	15	< 0.5	< 2	1.32	12	19	2.22	< 10	< 1	0.03	23
147590	0.010	0.2	< 0.5	15	75	14	15	31	34	0.37	26	< 10	25	< 0.5	< 2	0.50	8	13	1.86	< 10	< 1	0.07	< 10
147591	6.73	1.1	< 0.5	143	684	3	116	17	67	3.04	34	29	42	< 0.5	< 2	2.85	30	285	5.46	10	< 1	0.15	< 10
147592	0.015	< 0.2	< 0.5	19	116	9	15	25	47	0.30	11	< 10	18	< 0.5	< 2	1.27	7	11	1.82	< 10	< 1	0.04	< 10
147593	0.016	< 0.2	< 0.5	24	154	20	13	26	52	0.36	9	< 10	30	< 0.5	< 2	1.78	6	11	1.54	< 10	< 1	0.09	< 10
147594	0.016	< 0.2	< 0.5	28	109	7	11	36	72	0.35	10	< 10	28	< 0.5	< 2	1.06	6	10	1.42	< 10	< 1	0.08	< 10
147595	0.015	1.1	< 0.5	53	106	3	9	27	135	0.21	5	< 10	22	< 0.5	< 2	1.15	5	8	1.26	< 10	< 1	0.05	< 10
147596	0.013	< 0.2	1.5	170	189	23	8	54	406	0.17	6	< 10	14	< 0.5	< 2	2.30	4	9	1.09	< 10	< 1	0.04	< 10
147597	0.015	0.3	< 0.5	69	96	2	25	37	448	0.62	51	< 10	42	< 0.5	< 2	1.05	13	5	2.21	< 10	< 1	0.26	< 10
147598	0.011	< 0.2	0.9	26	254	11	15	54	303	0.49	25	< 10	44	< 0.5	< 2	2.86	9	6	2.01	< 10	< 1	0.20	< 10
147599	0.010	< 0.2	< 0.5	28	242	< 1	17	12	474	0.51	17	< 10	47	< 0.5	< 2	2.88	9	5	1.94	< 10	< 1	0.20	< 10
147600	0.137	1.9	8.5	727	48	10	264	119	2470	0.73	473	< 10	12	< 0.5	2	0.28	78	8	5.70	< 10	< 1	0.29	< 10
147601	0.052	1.3	7.2	583	48	9	267	87	2390	0.71	487	< 10	14	0.5	< 2	0.30	78	7	4.83	< 10	< 1	0.24	10
147602	0.095	1.5	5.3	548	94	7	227	87	2520	1.03	441	< 10	15	0.5	< 2	0.61	66	10	4.98	< 10	< 1	0.30	< 10
147603	0.066	1.1	6.8	572	104	8	240	73	3100	0.97	449	< 10	26	< 0.5	< 2	0.96	71	8	3.80	< 10	< 1	0.27	< 10
147604	0.050	1.0	5.3	433	105	8	227	73	3010	0.91	454	< 10	21	0.5	3	0.86	68	7	4.76	< 10	< 1	0.24	< 10
147605	0.350	< 0.2	< 0.5	110	715	< 1	88	< 2	63	2.57	6	24	28	< 0.5	< 2	2.19	30	58	5.26	< 10	< 1	0.05	< 10
147606	0.011	< 0.2	< 0.5	55	203	1	21	8	188	0.96	22	< 10	50	< 0.5	< 2	2.39	8	13	1.95	< 10	< 1	0.16	< 10
147607	0.010	< 0.2	< 0.5	27	208	2	13	5	42	1.04	3	< 10	42	< 0.5	< 2	2.26	6	11	1.70	< 10	< 1	0.12	< 10
147608	0.009	< 0.2	< 0.5	37	196	< 1	11	4	36	1.02	5	< 10	45	< 0.5	< 2	2.22	6	11	1.67	< 10	< 1	0.14	< 10
147609	0.010	< 0.2	< 0.5	21	203	1	12	2	45	0.91	19	< 10	40	< 0.5	< 2	2.25	6	9	1.61	< 10	< 1	0.13	< 10
147610	0.009	< 0.2	< 0.5	38	197	7	12	5	56	0.76	38	< 10	44	< 0.5	< 2	2.28	7	8	1.86	< 10	< 1	0.14	< 10
147611	0.009	< 0.2	< 0.5	29	230	7	12	4	49	0.89	5	< 10	40	< 0.5	< 2	2.72	6	10	1.69	< 10	< 1	0.11	< 10
147612	0.009	< 0.2	< 0.5	36	219	< 1	13	3	51	0.95	4	< 10	43	< 0.5	< 2	2.35	6	11	1.67	< 10	< 1	0.12	< 10
147613	0.009	< 0.2	< 0.5	48	233	12	13	20	90	0.77	4	< 10	39	< 0.5	< 2	2.42	7	11	1.74	< 10	< 1	0.08	< 10
147614	0.009	< 0.2	< 0.5	45	208	3	11	5	46	0.98	< 2	< 10	51	< 0.5	< 2	2.41	6	9	1.65	< 10	< 1	0.16	< 10
147615	0.009	< 0.2	< 0.5	47	195	8	15	10	47	0.97	2	< 10	48	< 0.5	< 2	2.57	7	9	1.62	< 10	< 1	0.16	< 10
147616	0.010	< 0.2	< 0.5	28	219	1	13	< 2	52	1.01	5	< 10	41	< 0.5	< 2	2.39	7	9	1.71	< 10	< 1	0.13	< 10
147617	0.011	< 0.2	< 0.5	8	255	< 1	13	3	59	0.98	3	< 10	42	< 0.5	< 2	2.30	6	10	1.66	< 10	< 1	0.13	< 10
147618	< 0.005	< 0.2	< 0.5	< 1	107	< 1	< 1	< 2	4	0.03	< 2	< 10	15	< 0.5	< 2	> 10.0	< 1	< 1	0.09	< 10	< 1	0.01	< 10
147619	0.008	0.4	2.3	81	217	46	77	34	1140	0.84	63	< 10	40	< 0.5	< 2	2.40	25	12	2.63	< 10	< 1	0.13	< 10
147620	0.027	1.1	6.2	642	101	10	248	88	3530	1.28	138	< 10	18	< 0.5	< 2	0.75	74	9	5.51	< 10	< 1	0.21	12
147621	0.028	0.8	7.0	442	101	36	223	50	3230	1.28	130	< 10	31	< 0.5	< 2	0.69	63	10	4.26	< 10	< 1	0.25	14
147622	0.010	0.4	2.4	105	481	122	65	50	792	0.84	40	< 10	31	< 0.5	< 2	7.25	18	12	2.27	< 10	< 1	0.08	< 10
147623	1.84	0.4	< 0.5	164	747	2	85	6	63	3.91	12	17	24	< 0.5	< 2	3.36	31	119	5.58	10	< 1	0.09	< 10
147624	< 0.005	< 0.2	< 0.5	45	191	3	16	36	180	0.83	8	< 10	34	< 0.5	< 2	1.92	8	10	1.79	< 10	< 1	0.11	< 10
147625	< 0.005	< 0.2	1.8	18	250	< 1	9	23	452	0.86	4	< 10	40	< 0.5	< 2	2.37	6	9	1.54	< 10	< 1	0.13	< 10
147626	0.008	0.4	< 0.5	94	2080	< 1	165	17	221	1.99	76	< 10	20	< 0.5	< 2	4.90	45	177	6.78	< 10	< 1	0.10	< 10
147627	0.015	0.5	< 0.5	109	3870	1	129	34	177	2.12	104	< 10	< 10	< 0.5	< 2	4.50	65	146	11.4	< 10	< 1	0.04	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147628	0.014	1.7	15.2	89	3320	< 1	108	1200	3410	4.43	9	< 10	< 10	< 0.5	< 2	8.11	29	205	9.21	< 10	< 1	< 0.01	< 10
147629	0.022	2.2	37.7	288	2460	< 1	133	2640	7920	4.07	16	< 10	< 10	< 0.5	< 2	7.68	37	244	7.76	< 10	< 1	0.01	< 10
147630	0.005	0.8	16.5	156	2480	< 1	143	1210	3910	3.41	20	< 10	< 10	< 0.5	< 2	8.41	36	238	6.09	< 10	< 1	0.03	< 10
147631	0.008	0.8	21.6	110	1070	< 1	109	4210	5880	3.64	70	< 10	< 10	< 0.5	< 2	6.38	32	262	5.55	10	< 1	0.01	< 10
147632	0.010	0.4	14.7	24	925	< 1	95	2890	3690	3.19	87	< 10	< 10	< 0.5	< 2	5.18	45	253	4.85	< 10	< 1	< 0.01	< 10
147633	0.007	1.1	19.8	92	949	10	91	> 5000	4980	2.78	59	< 10	< 10	< 0.5	< 2	6.12	36	249	4.74	< 10	< 1	0.02	< 10
147634	0.006	1.5	29.5	174	1030	9	98	> 5000	7220	2.75	100	< 10	< 10	< 0.5	< 2	6.47	36	280	4.47	< 10	< 1	0.02	< 10
147635	0.005	0.3	2.3	8	1180	< 1	88	> 5000	644	2.98	87	< 10	< 10	< 0.5	2	6.41	44	226	4.82	< 10	< 1	0.01	< 10
147636	0.040	0.8	15.7	81	1390	< 1	97	> 5000	4110	2.89	125	< 10	< 10	< 0.5	< 2	4.98	54	226	5.03	< 10	< 1	0.02	< 10
147637	0.018	1.0	13.4	77	1670	1	111	> 5000	3180	3.19	87	< 10	< 10	< 0.5	< 2	7.58	43	223	5.45	10	< 1	0.02	< 10
147638	6.72	1.0	< 0.5	139	678	3	113	18	67	2.99	33	28	40	< 0.5	< 2	2.80	30	281	5.34	10	< 1	0.14	< 10
147639	< 0.005	0.2	6.6	85	1770	< 1	162	405	1730	3.18	64	< 10	< 10	< 0.5	< 2	5.62	35	319	6.13	< 10	< 1	0.01	< 10
147640	0.005	0.5	16.5	123	1980	< 1	140	1270	3670	3.35	53	< 10	< 10	< 0.5	< 2	6.97	36	259	6.52	< 10	< 1	< 0.01	< 10
147641	0.005	1.0	1.6	146	2180	< 1	162	153	377	3.50	12	< 10	< 10	< 0.5	< 2	7.47	41	250	7.04	< 10	< 1	< 0.01	< 10
147642	< 0.005	< 0.2	< 0.5	102	1710	< 1	181	5	59	3.12	25	13	< 10	< 0.5	< 2	6.44	43	293	5.39	< 10	< 1	0.03	< 10
147643	0.005	< 0.2	< 0.5	96	1190	< 1	123	8	63	2.83	3	< 10	< 10	< 0.5	< 2	6.16	47	224	4.85	< 10	< 1	< 0.01	< 10
147644	0.017	< 0.2	< 0.5	114	1750	< 1	155	< 2	84	3.36	3	< 10	< 10	< 0.5	< 2	5.71	39	238	5.68	< 10	< 1	0.02	< 10
147645	0.006	< 0.2	< 0.5	113	1790	< 1	180	< 2	66	3.56	3	< 10	< 10	< 0.5	< 2	5.08	43	279	5.91	< 10	< 1	0.02	< 10
147646	0.008	< 0.2	< 0.5	113	1840	< 1	169	< 2	70	3.47	6	< 10	< 10	< 0.5	< 2	6.05	42	308	6.23	< 10	< 1	0.04	< 10
147647	< 0.005	< 0.2	< 0.5	101	1840	< 1	146	< 2	69	3.38	15	< 10	< 10	< 0.5	< 2	6.64	37	282	6.09	< 10	< 1	0.03	< 10
147648	0.006	< 0.2	< 0.5	103	1990	< 1	192	< 2	77	3.74	71	< 10	12	< 0.5	< 2	6.08	48	285	7.09	10	< 1	0.04	< 10
147649	< 0.005	< 0.2	< 0.5	< 1	96	< 1	2	< 2	2	0.04	5	< 10	15	< 0.5	< 2	> 10.0	< 1	3	0.12	< 10	< 1	< 0.01	< 10
147650	< 0.005	0.3	< 0.5	124	2590	< 1	174	2	75	5.04	48	< 10	27	< 0.5	< 2	3.52	24	255	12.7	< 10	< 1	0.08	< 10
147651	0.011	0.2	< 0.5	29	1850	< 1	79	12	36	2.24	31	< 10	< 10	< 0.5	< 2	2.14	23	26	20.3	< 10	< 1	< 0.01	< 10
147652	0.007	0.5	< 0.5	94	2330	< 1	72	14	46	2.40	9	< 10	< 10	< 0.5	< 2	3.25	11	31	15.2	< 10	< 1	0.01	< 10
147653	0.010	0.5	< 0.5	32	1480	< 1	69	34	38	1.87	3	< 10	< 10	< 0.5	< 2	1.53	8	14	18.7	< 10	< 1	0.01	< 10
147654	< 0.005	< 0.2	< 0.5	15	2840	< 1	27	8	66	3.57	9	< 10	< 10	< 0.5	< 2	3.71	6	24	11.4	< 10	< 1	0.04	< 10
147655	< 0.005	< 0.2	< 0.5	14	2280	< 1	27	< 2	78	2.85	6	< 10	21	< 0.5	< 2	3.39	10	23	5.89	< 10	< 1	0.11	< 10
147656	< 0.005	< 0.2	< 0.5	19	2220	< 1	27	< 2	75	2.96	9	< 10	21	< 0.5	< 2	3.23	11	25	7.07	< 10	< 1	0.10	< 10
147657	< 0.005	< 0.2	< 0.5	24	2130	< 1	29	< 2	75	2.55	3	< 10	23	< 0.5	< 2	3.54	13	25	5.47	< 10	< 1	0.11	< 10
147658	< 0.005	< 0.2	< 0.5	25	2430	< 1	31	< 2	82	2.83	4	< 10	24	< 0.5	< 2	4.98	12	28	5.93	< 10	< 1	0.12	< 10
147659	0.006	< 0.2	< 0.5	33	2500	< 1	34	5	72	2.91	< 2	< 10	25	< 0.5	< 2	4.17	15	32	7.13	< 10	< 1	0.13	< 10
147660	0.008	< 0.2	< 0.5	46	4330	< 1	35	5	79	5.01	28	< 10	< 10	< 0.5	< 2	3.49	8	56	13.7	10	< 1	< 0.01	< 10
147661	0.333	< 0.2	< 0.5	112	729	< 1	91	< 2	64	2.55	3	22	27	< 0.5	< 2	2.12	31	58	5.51	< 10	< 1	0.05	< 10
147662	0.006	< 0.2	< 0.5	40	2930	< 1	37	4	98	3.21	17	< 10	18	< 0.5	< 2	3.16	11	50	8.32	10	< 1	0.09	< 10
147663	< 0.005	< 0.2	< 0.5	87	1480	2	32	3	84	2.39	< 2	< 10	28	< 0.5	< 2	2.80	12	29	5.38	< 10	< 1	0.17	20
147664	< 0.005	< 0.2	< 0.5	91	1570	< 1	35	4	75	1.99	< 2	< 10	25	< 0.5	< 2	3.41	14	39	4.91	< 10	< 1	0.14	13
147665	0.008	< 0.2	< 0.5	43	1910	< 1	40	8	47	1.77	2	< 10	25	< 0.5	< 2	2.42	17	22	7.90	< 10	< 1	0.15	< 10
147666	< 0.005	< 0.2	< 0.5	21	1040	< 1	30	5	68	2.07	6	< 10	23	< 0.5	< 2	2.86	14	19	5.82	< 10	< 1	0.13	< 10
147667	0.020	0.3	< 0.5	62	2390	< 1	61	6	62	1.70	22	< 10	13	< 0.5	< 2	0.83	21	14	15.9	< 10	< 1	0.10	< 10
147668	0.009	0.2	< 0.5	61	1920	< 1	45	9	39	1.83	9	< 10	21	< 0.5	< 2	1.94	22	16	10.7	< 10	< 1	0.12	< 10
147669	0.076	0.4	< 0.5	38	1460	< 1	43	15	32	2.02	46	< 10	16	< 0.5	< 2	2.37	47	15	13.7	< 10	< 1	0.10	< 10
147670	0.038	0.2	< 0.5	23	1190	< 1	34	11	34	1.79	28	< 10	19	< 0.5	< 2	2.80	29	15	8.49	< 10	< 1	0.14	< 10
147671	1.79	0.4	< 0.5	148	682	< 1	78	6	57	3.43	12	15	21	< 0.5	< 2	2.93	27	109	5.01	< 10	< 1	0.08	< 10
147672	0.005	< 0.2	< 0.5	22	1600	< 1	26	9	50	1.98	2	< 10	19	< 0.5	< 2	4.37	11	20	5.48	< 10	< 1	0.12	< 10
147673	0.011	< 0.2	< 0.5	48	2150	< 1	36	7	29	1.45	18	< 10	16	< 0.5	< 2	3.56	17	16	8.69	< 10	< 1	0.10	< 10
147674	< 0.005	< 0.2	< 0.5	41	878	2	62	2	59	2.35	5	< 10	20	< 0.5	< 2	4.02	17	31	4.07	< 10	< 1	0.09	< 10
147675	0.012	0.2	< 0.5	59	1310	2	30	6	51	1.97	< 2	< 10	19	< 0.5	< 2	2.15	13	33	5.76	< 10	< 1	0.11	< 10
147676	0.025	0.4	< 0.5	71	1700	< 1	51	8	27	1.66	3	< 10	14	< 0.5	< 2	1.45	22	17	10.6	< 10	< 1	0.10	< 10
147677	0.030	0.5	< 0.5	89	1590	< 1	59	10	31	1.93	3	< 10	14	< 0.5	< 2	2.60	16	23	11.4	< 10	< 1	0.12	< 10
147678	0.058	0.2	< 0.5	39	928	4	46	6	54	2.05	9	< 10	18	< 0.5	< 2	3.24	19	21	6.46	< 10	< 1	0.14	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147679	0.005	< 0.2	< 0.5	16	574	1	42	< 2	129	2.27	2	< 10	19	< 0.5	< 2	2.25	14	37	4.13	< 10	< 1	0.13	< 10
147680	0.006	< 0.2	< 0.5	15	549	2	35	< 2	82	2.29	2	< 10	19	< 0.5	< 2	2.10	13	38	3.96	< 10	< 1	0.12	< 10
147681	< 0.005	< 0.2	< 0.5	14	614	2	38	< 2	61	2.32	< 2	< 10	20	< 0.5	< 2	2.24	14	42	3.64	< 10	< 1	0.12	< 10
147682	0.029	< 0.2	< 0.5	13	614	< 1	36	3	71	2.25	3	< 10	20	< 0.5	< 2	2.50	13	40	3.48	< 10	< 1	0.13	< 10
147683	< 0.005	< 0.2	< 0.5	< 1	101	< 1	< 1	< 2	3	0.02	4	< 10	13	< 0.5	< 2	> 10.0	< 1	< 1	0.09	< 10	< 1	< 0.01	< 10
147684	0.007	< 0.2	< 0.5	14	593	< 1	33	13	152	2.02	3	< 10	22	< 0.5	< 2	3.45	12	31	3.11	< 10	< 1	0.17	< 10
147685	0.005	< 0.2	< 0.5	15	564	< 1	36	17	101	2.06	< 2	< 10	23	< 0.5	< 2	3.30	12	29	3.06	< 10	< 1	0.18	< 10
147686	0.005	< 0.2	< 0.5	71	932	< 1	78	< 2	90	3.25	< 2	< 10	< 10	< 0.5	< 2	4.46	28	319	5.29	10	< 1	0.03	25
147687	0.011	< 0.2	< 0.5	32	534	< 1	79	< 2	58	1.97	< 2	< 10	20	< 0.5	< 2	2.14	20	179	3.24	< 10	< 1	0.06	11
147688	< 0.005	< 0.2	< 0.5	43	433	< 1	68	< 2	46	1.81	11	< 10	21	< 0.5	< 2	1.47	17	163	2.58	< 10	< 1	0.08	< 10
147689	0.006	< 0.2	< 0.5	26	576	< 1	44	3	317	1.71	6	< 10	50	< 0.5	< 2	3.46	17	22	2.86	< 10	< 1	0.18	< 10
147690	0.005	< 0.2	< 0.5	19	552	< 1	37	13	379	1.78	3	< 10	39	< 0.5	< 2	3.68	14	24	2.67	< 10	< 1	0.14	< 10
147691	< 0.005	< 0.2	< 0.5	11	627	< 1	41	< 2	126	2.47	3	< 10	41	< 0.5	< 2	2.28	17	52	3.76	10	< 1	0.09	< 10
147692	< 0.005	< 0.2	< 0.5	14	536	< 1	36	< 2	122	2.09	4	< 10	27	< 0.5	< 2	2.54	15	47	3.24	< 10	< 1	0.08	< 10
147693	< 0.005	< 0.2	< 0.5	13	579	< 1	43	< 2	125	2.32	10	< 10	36	< 0.5	< 2	2.45	20	42	3.68	< 10	< 1	0.13	< 10
147694	0.008	< 0.2	< 0.5	27	744	< 1	36	< 2	87	2.09	3	< 10	43	< 0.5	< 2	3.00	15	38	3.58	< 10	< 1	0.14	< 10
147695	6.64	1.0	< 0.5	140	675	3	116	17	66	3.00	36	28	38	< 0.5	< 2	2.76	30	282	5.43	10	< 1	0.14	< 10
147696	< 0.005	< 0.2	< 0.5	12	688	< 1	29	< 2	69	2.18	4	< 10	23	< 0.5	< 2	3.94	13	34	3.51	< 10	< 1	0.12	< 10
147697	< 0.005	< 0.2	< 0.5	15	587	< 1	34	< 2	84	2.33	3	< 10	22	< 0.5	< 2	1.89	14	41	3.86	< 10	< 1	0.11	< 10
147698	0.011	< 0.2	< 0.5	20	734	< 1	33	11	71	1.58	11	< 10	21	< 0.5	< 2	2.78	10	29	3.32	< 10	< 1	0.09	< 10
147699	0.180	0.3	< 0.5	58	862	3	60	20	64	1.35	38	< 10	24	< 0.5	< 2	5.38	29	65	4.56	< 10	< 1	0.12	12
147700	0.012	< 0.2	< 0.5	82	875	< 1	61	3	80	1.87	24	< 10	20	< 0.5	< 2	3.02	24	95	3.52	< 10	< 1	0.09	17
147701	< 0.005	< 0.2	< 0.5	51	829	< 1	55	5	86	1.71	10	< 10	23	< 0.5	< 2	3.18	17	61	2.93	< 10	< 1	0.10	17
147702	< 0.005	< 0.2	< 0.5	51	900	< 1	59	3	93	1.92	13	< 10	23	< 0.5	< 2	3.39	19	61	3.68	< 10	< 1	0.10	16
147703	0.040	< 0.2	< 0.5	30	1060	< 1	35	38	105	1.68	< 2	< 10	18	< 0.5	< 2	4.80	11	33	3.14	< 10	< 1	0.08	< 10
147704	0.008	< 0.2	< 0.5	60	1040	< 1	57	2	98	2.03	6	< 10	22	< 0.5	< 2	3.86	17	68	4.04	< 10	< 1	0.08	14
147705	0.013	< 0.2	< 0.5	41	824	2	34	8	99	0.93	11	< 10	21	< 0.5	< 2	4.37	13	19	2.42	< 10	< 1	0.11	< 10
147706	0.010	< 0.2	< 0.5	52	1760	1	103	5	96	1.34	22	< 10	13	< 0.5	< 2	8.67	28	84	3.49	< 10	< 1	0.07	< 10
147707	0.347	< 0.2	< 0.5	101	680	< 1	85	< 2	60	2.38	3	21	25	< 0.5	< 2	2.01	29	55	5.06	< 10	< 1	0.04	< 10
147708	0.005	< 0.2	< 0.5	36	1970	< 1	111	< 2	49	1.81	25	< 10	15	< 0.5	< 2	9.20	27	143	3.99	< 10	< 1	0.09	< 10
147709	< 0.005	< 0.2	< 0.5	47	1690	< 1	171	< 2	44	1.71	34	< 10	13	< 0.5	< 2	8.19	35	123	3.98	< 10	< 1	0.08	< 10
147710	< 0.005	< 0.2	< 0.5	33	1920	< 1	108	< 2	40	1.44	20	< 10	12	< 0.5	< 2	9.86	25	116	3.27	< 10	< 1	0.09	< 10
147711	< 0.005	< 0.2	< 0.5	42	1820	< 1	127	< 2	43	1.58	25	< 10	13	< 0.5	< 2	9.43	29	130	3.45	< 10	< 1	0.10	< 10
147712	0.010	< 0.2	< 0.5	58	1440	3	110	< 2	28	0.85	17	< 10	19	< 0.5	< 2	8.06	25	65	2.62	< 10	< 1	0.14	< 10
147713	< 0.005	< 0.2	< 0.5	34	1700	< 1	184	< 2	47	1.95	28	< 10	19	< 0.5	< 2	7.98	31	178	4.36	< 10	< 1	0.10	< 10
147714	0.025	< 0.2	< 0.5	45	749	1	36	6	70	1.58	24	< 10	33	< 0.5	< 2	3.97	11	28	2.98	< 10	< 1	0.18	< 10
147715	0.007	< 0.2	< 0.5	21	526	< 1	25	8	94	1.63	8	< 10	25	< 0.5	< 2	3.12	8	19	2.47	< 10	< 1	0.14	< 10
147716	0.006	< 0.2	< 0.5	17	1850	< 1	22	< 2	57	2.01	< 2	< 10	24	< 0.5	< 2	3.82	10	24	4.12	< 10	< 1	0.12	< 10
147717	< 0.005	< 0.2	< 0.5	< 1	109	< 1	< 1	< 2	< 2	0.02	< 2	< 10	11	< 0.5	< 2	> 10.0	< 1	< 1	0.11	< 10	< 1	< 0.01	< 10
147718	< 0.005	< 0.2	< 0.5	22	1020	1	21	< 2	59	1.84	3	< 10	22	< 0.5	< 2	4.27	9	29	2.79	< 10	< 1	0.11	< 10
147719	0.014	< 0.2	< 0.5	16	803	< 1	20	< 2	57	1.75	< 2	< 10	25	< 0.5	< 2	4.55	9	24	2.51	< 10	< 1	0.13	< 10
147720	< 0.005	< 0.2	< 0.5	11	791	< 1	23	< 2	56	1.45	2	< 10	27	< 0.5	< 2	5.74	10	27	2.04	< 10	< 1	0.10	< 10
147721	< 0.005	< 0.2	< 0.5	10	411	< 1	26	< 2	65	1.63	5	< 10	30	< 0.5	< 2	2.87	11	30	2.30	< 10	< 1	0.13	< 10
147722	0.005	< 0.2	< 0.5	41	358	< 1	15	< 2	76	1.42	4	< 10	25	< 0.5	< 2	2.08	8	17	2.34	< 10	< 1	0.08	< 10
147723	0.015	< 0.2	0.9	37	370	< 1	10	7	169	1.32	7	< 10	33	< 0.5	< 2	2.18	7	14	2.35	< 10	< 1	0.10	< 10
147724	< 0.005	< 0.2	< 0.5	6	1490	< 1	19	3	48	1.18	< 2	< 10	15	< 0.5	< 2	6.76	8	17	2.74	< 10	< 1	0.08	< 10
147725	< 0.005	< 0.2	< 0.5	11	2010	< 1	15	3	43	1.00	< 2	< 10	26	< 0.5	< 2	> 10.0	8	14	2.69	< 10	< 1	0.07	< 10
147726	< 0.005	< 0.2	< 0.5	10	1480	< 1	23	3	58	1.22	< 2	< 10	16	< 0.5	< 2	7.21	9	17	2.83	< 10	< 1	0.09	< 10
147727	0.005	< 0.2	< 0.5	18	850	< 1	15	8	42	0.59	< 2	< 10	69	< 0.5	< 2	6.43	5	5	1.91	< 10	< 1	0.31	< 10
147728	6.88	1.1	< 0.5	137	659	3	110	17	65	2.90	32	26	37	< 0.5	< 2	2.72	30	273	5.18	< 10	< 1	0.14	< 10
147729	< 0.005	< 0.2	< 0.5	2	772	< 1	5	4	19	0.45	< 2	< 10	70	< 0.5	< 2	6.13	3	4	1.10	< 10	< 1	0.28	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147730	< 0.005	< 0.2	< 0.5	3	859	1	9	3	26	0.45	3	< 10	53	< 0.5	< 2	6.45	4	5	1.58	< 10	< 1	0.29	< 10
147731	0.012	< 0.2	< 0.5	3	815	< 1	12	4	32	0.53	< 2	< 10	37	< 0.5	< 2	6.02	5	4	1.71	< 10	< 1	0.24	< 10
147732	0.634	4.1	0.7	10	982	3	28	12	132	1.62	19	< 10	26	< 0.5	5	4.51	9	22	3.51	< 10	< 1	0.10	< 10
147733	0.006	< 0.2	< 0.5	2	574	< 1	18	< 2	46	1.19	2	< 10	26	< 0.5	< 2	2.27	6	18	2.00	< 10	< 1	0.09	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
147526	3.60	0.045	0.009	0.08	3	18	35	0.28	< 20	2	< 2	< 10	169	< 10	5	4	
147527	3.56	0.038	0.010	0.03	3	26	26	0.25	< 20	< 1	< 2	< 10	190	< 10	7	3	
147528	2.27	0.016	0.024	7.33	5	11	26	0.01	< 20	< 1	< 2	< 10	90	< 10	9	14	
147529	1.40	0.039	0.062	0.64	2	3	27	0.02	< 20	< 1	< 2	< 10	36	< 10	8	11	
147530	1.45	0.032	0.072	1.02	< 2	7	64	< 0.01	< 20	< 1	< 2	< 10	60	< 10	9	13	
147531	1.84	0.026	0.065	0.76	3	12	98	0.04	< 20	< 1	< 2	< 10	92	< 10	9	13	
147532	2.48	0.069	0.035	0.48	3	9	41	0.40	< 20	8	< 2	< 10	146	< 10	11	16	
147533	1.93	0.022	0.043	0.14	4	8	80	0.02	< 20	< 1	< 2	< 10	57	< 10	6	13	
147534	1.64	0.028	0.042	0.05	3	6	100	0.02	< 20	< 1	< 2	< 10	48	< 10	6	12	
147535	1.81	0.028	0.043	0.11	< 2	5	80	< 0.01	< 20	< 1	< 2	< 10	43	< 10	6	9	
147536	1.91	0.031	0.046	0.05	3	4	65	< 0.01	< 20	< 1	< 2	< 10	35	< 10	6	10	
147537	1.34	0.045	0.044	0.87	< 2	5	65	0.16	< 20	1	< 2	< 10	46	< 10	7	8	
147538	1.04	0.042	0.042	0.71	4	5	57	0.16	< 20	< 1	< 2	< 10	46	< 10	6	7	
147539	0.87	0.035	0.040	0.38	< 2	3	33	0.10	< 20	5	< 2	< 10	18	< 10	18	23	
147540	1.08	0.033	0.042	0.67	2	4	36	0.13	< 20	3	< 2	< 10	31	< 10	16	29	
147541	1.36	0.027	0.043	1.02	3	4	35	0.10	< 20	1	< 2	< 10	34	< 10	10	19	
147542	1.35	0.034	0.047	0.15	< 2	3	79	0.19	< 20	< 1	< 2	< 10	26	< 10	6	8	
147543	1.40	0.040	0.049	< 0.01	< 2	4	84	0.21	< 20	3	< 2	< 10	32	< 10	6	7	
147544	0.68	0.043	0.048	0.05	< 2	4	43	0.24	< 20	3	< 2	< 10	42	< 10	5	9	
147545	0.99	0.016	0.006	< 0.01	< 2	< 1	58	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	1	
147546	0.57	0.049	0.046	0.07	< 2	4	57	0.23	< 20	2	< 2	< 10	40	< 10	5	9	
147547	0.44	0.054	0.049	0.11	< 2	3	50	0.23	< 20	< 1	< 2	< 10	38	< 10	5	10	
147548	0.46	0.058	0.044	0.44	< 2	4	49	0.22	< 20	< 1	< 2	< 10	44	< 10	6	11	
147549	1.17	0.042	0.056	0.02	< 2	5	36	0.19	< 20	< 1	< 2	< 10	38	< 10	8	7	
147550	0.93	0.046	0.058	0.03	< 2	5	36	0.18	< 20	4	< 2	< 10	35	< 10	8	5	
147551	1.03	0.046	0.051	0.19	2	5	16	0.08	< 20	< 1	< 2	< 10	42	< 10	6	12	
147552	0.93	0.046	0.055	0.23	< 2	5	27	0.10	< 20	< 1	< 2	< 10	48	< 10	7	8	
147553	0.91	0.049	0.054	0.26	< 2	6	33	0.11	< 20	< 1	< 2	< 10	53	< 10	7	9	
147554	1.20	0.057	0.045	0.02	< 2	4	32	0.10	< 20	3	< 2	< 10	33	< 10	6	10	
147555	1.19	0.055	0.044	0.01	< 2	4	28	0.12	< 20	1	< 2	< 10	31	< 10	6	12	
147556	1.03	0.041	0.068	0.03	< 2	4	32	0.10	< 20	1	< 2	< 10	33	< 10	10	15	
147557	0.53	0.039	0.045	0.05	< 2	3	42	0.10	< 20	< 1	< 2	< 10	27	< 10	7	11	
147558	0.46	0.065	0.042	0.01	< 2	1	15	0.01	< 20	2	< 2	< 10	10	< 10	5	12	
147559	2.04	0.202	0.076	0.08	< 2	5	54	0.38	< 20	3	< 2	< 10	108	< 10	12	9	
147560	0.43	0.060	0.043	0.09	< 2	1	16	0.02	< 20	< 1	< 2	< 10	10	< 10	5	12	
147561	0.32	0.062	0.046	0.11	< 2	1	20	0.02	< 20	< 1	< 2	< 10	8	< 10	5	11	
147562	0.26	0.056	0.045	0.10	< 2	< 1	20	0.01	< 20	< 1	< 2	< 10	6	< 10	5	12	
147563	0.32	0.041	0.047	0.16	< 2	< 1	30	0.01	< 20	< 1	< 2	< 10	5	< 10	6	11	
147564	0.14	0.053	0.048	0.16	< 2	< 1	16	0.03	< 20	3	< 2	< 10	5	< 10	5	14	
147565	0.10	0.071	0.048	0.05	< 2	< 1	26	0.03	< 20	< 1	< 2	< 10	5	< 10	5	13	
147566	0.11	0.093	0.049	0.08	< 2	< 1	33	0.02	< 20	< 1	< 2	< 10	6	< 10	5	11	
147567	0.13	0.086	0.049	0.23	< 2	1	33	0.03	< 20	< 1	< 2	< 10	6	< 10	5	11	
147568	0.23	0.076	0.051	0.57	< 2	1	36	0.04	< 20	< 1	< 2	< 10	8	< 10	6	13	
147569	0.19	0.070	0.048	0.44	< 2	1	22	0.04	< 20	< 1	< 2	< 10	7	< 10	6	14	
147570	0.20	0.072	0.049	0.32	< 2	1	24	0.04	< 20	2	< 2	< 10	7	< 10	6	13	
147571	0.22	0.064	0.050	0.57	< 2	1	31	0.02	< 20	2	< 2	< 10	9	< 10	6	13	
147572	0.21	0.057	0.050	0.43	< 2	1	34	0.03	< 20	< 1	< 2	< 10	6	< 10	6	13	
147573	2.10	0.060	0.033	0.24	< 2	7	50	0.44	< 20	3	< 2	< 10	153	< 10	11	15	
147574	0.20	0.049	0.050	0.15	< 2	< 1	48	0.08	< 20	2	< 2	< 10	5	< 10	6	14	
147575	0.24	0.043	0.050	0.27	< 2	< 1	40	0.06	< 20	< 1	< 2	< 10	4	< 10	6	14	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
147576	0.32	0.052	0.047	0.06	< 2	1	49	0.10	< 20	2	< 2	< 10	7	< 10	7	13	
147577	0.34	0.058	0.049	0.02	< 2	1	62	0.12	< 20	< 1	< 2	< 10	8	< 10	7	13	
147578	0.33	0.050	0.049	0.06	< 2	< 1	48	0.11	< 20	< 1	< 2	< 10	7	< 10	7	14	
147579	0.60	0.075	0.051	0.65	< 2	2	70	< 0.01	< 20	< 1	< 2	< 10	19	< 10	2	12	
147580	0.31	0.047	0.056	2.36	< 2	2	120	< 0.01	< 20	< 1	< 2	< 10	10	< 10	6	25	
147581	0.52	0.021	0.052	2.47	3	2	167	< 0.01	< 20	< 1	< 2	< 10	10	< 10	5	27	
147582	0.77	0.015	0.006	0.02	< 2	< 1	59	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	3	
147583	0.43	0.023	0.054	2.84	< 2	2	143	< 0.01	< 20	< 1	< 2	< 10	12	< 10	6	30	
147584	0.09	2.83	0.001	< 0.01	< 2	< 1	25	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	2	
147585	0.21	0.048	0.059	3.07	< 2	3	85	< 0.01	< 20	< 1	< 2	< 10	13	< 10	6	27	
147586	0.27	0.037	0.062	2.96	< 2	2	33	< 0.01	< 20	< 1	< 2	< 10	14	< 10	6	25	
147587	0.33	0.036	0.062	2.40	< 2	2	26	< 0.01	< 20	< 1	< 2	< 10	13	< 10	5	22	
147588	0.43	0.063	0.038	2.02	< 2	3	27	< 0.01	< 20	< 1	< 2	< 10	11	< 10	4	14	
147589	0.47	0.084	0.043	2.05	< 2	2	11	< 0.01	< 20	< 1	< 2	< 10	10	< 10	2	14	
147590	0.28	0.085	0.038	1.63	< 2	1	9	< 0.01	< 20	< 1	< 2	< 10	15	< 10	2	14	
147591	2.55	0.077	0.036	0.50	2	9	43	0.41	< 20	2	< 2	< 10	151	< 10	11	15	
147592	0.24	0.083	0.040	1.68	< 2	1	15	< 0.01	< 20	< 1	< 2	< 10	11	< 10	2	13	
147593	0.19	0.075	0.037	1.31	< 2	1	16	< 0.01	< 20	2	< 2	< 10	11	< 10	2	11	
147594	0.19	0.075	0.034	1.15	< 2	< 1	13	< 0.01	< 20	< 1	< 2	< 10	10	< 10	2	12	
147595	0.08	0.078	0.029	1.06	< 2	< 1	15	< 0.01	< 20	< 1	< 2	< 10	6	< 10	1	8	
147596	0.06	0.066	0.021	0.90	< 2	< 1	22	< 0.01	< 20	< 1	< 2	< 10	3	< 10	1	6	
147597	0.12	0.049	0.044	2.19	< 2	< 1	20	< 0.01	< 20	< 1	< 2	< 10	7	< 10	2	15	
147598	0.16	0.056	0.042	2.04	< 2	< 1	42	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	15	
147599	0.15	0.054	0.041	1.89	< 2	< 1	40	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	15	
147600	0.24	0.029	0.045	6.56	5	2	13	< 0.01	< 20	2	< 2	< 10	7	< 10	4	34	
147601	0.26	0.024	0.044	5.17	3	2	15	< 0.01	< 20	1	< 2	< 10	6	< 10	4	35	
147602	0.40	0.032	0.052	5.50	4	2	21	< 0.01	< 20	2	< 2	< 10	8	< 10	5	41	
147603	0.35	0.040	0.051	3.89	< 2	2	29	< 0.01	< 20	< 1	< 2	< 10	7	< 10	5	38	
147604	0.38	0.041	0.049	4.95	< 2	2	26	< 0.01	< 20	< 1	< 2	< 10	7	< 10	5	38	
147605	2.07	0.203	0.077	0.08	2	5	54	0.37	< 20	6	< 2	< 10	108	< 10	13	9	
147606	0.58	0.068	0.041	1.06	< 2	< 1	54	< 0.01	< 20	2	< 2	< 10	10	< 10	2	13	
147607	0.62	0.065	0.039	0.42	< 2	< 1	50	< 0.01	< 20	< 1	< 2	< 10	13	< 10	2	10	
147608	0.61	0.067	0.040	0.48	< 2	< 1	50	< 0.01	< 20	1	< 2	< 10	12	< 10	2	12	
147609	0.59	0.058	0.039	0.72	< 2	< 1	49	< 0.01	< 20	3	< 2	< 10	9	< 10	2	13	
147610	0.50	0.069	0.041	1.42	< 2	< 1	50	< 0.01	< 20	< 1	< 2	< 10	9	< 10	2	15	
147611	0.59	0.059	0.040	0.82	< 2	< 1	55	< 0.01	< 20	< 1	< 2	< 10	10	< 10	2	13	
147612	0.61	0.058	0.040	0.65	< 2	< 1	49	< 0.01	< 20	< 1	< 2	< 10	11	< 10	2	13	
147613	0.59	0.074	0.040	0.95	< 2	1	56	< 0.01	< 20	< 1	< 2	< 10	16	< 10	2	13	
147614	0.59	0.061	0.039	0.61	< 2	< 1	51	< 0.01	< 20	< 1	< 2	< 10	12	< 10	2	12	
147615	0.58	0.060	0.039	0.69	< 2	< 1	51	< 0.01	< 20	1	< 2	< 10	11	< 10	2	11	
147616	0.63	0.054	0.040	0.52	< 2	< 1	49	< 0.01	< 20	2	< 2	< 10	11	< 10	2	11	
147617	0.60	0.059	0.039	0.44	< 2	< 1	51	< 0.01	< 20	2	< 2	< 10	12	< 10	2	12	
147618	1.08	0.017	0.006	< 0.01	< 2	< 1	59	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	2	
147619	0.59	0.062	0.042	2.00	< 2	2	63	< 0.01	< 20	3	< 2	< 10	14	< 10	3	19	
147620	0.64	0.042	0.055	5.19	3	2	23	< 0.01	< 20	1	< 2	< 10	12	< 10	7	52	
147621	0.65	0.034	0.057	3.51	< 2	2	19	< 0.01	< 20	< 1	< 2	< 10	13	< 10	6	38	
147622	0.65	0.044	0.032	1.48	< 2	3	132	< 0.01	< 20	1	< 2	< 10	26	< 10	5	16	
147623	2.15	0.062	0.033	0.25	< 2	7	49	0.44	< 20	< 1	< 2	< 10	154	< 10	11	13	
147624	0.59	0.066	0.041	0.99	< 2	1	38	< 0.01	< 20	< 1	< 2	< 10	17	< 10	2	15	
147625	0.54	0.055	0.039	0.57	< 2	< 1	17	< 0.01	< 20	< 1	< 2	< 10	13	< 10	3	11	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
147626	1.69	0.039	0.011	4.79	4	10	27	0.07	< 20	< 1	< 2	< 10	91	< 10	5	7	
147627	2.10	0.029	0.009	9.22	5	13	26	0.01	< 20	1	< 2	< 10	102	< 10	5	13	
147628	2.98	0.017	0.008	0.46	4	23	62	0.02	< 20	< 1	< 2	< 10	143	< 10	8	3	
147629	2.90	0.025	0.010	0.69	6	25	50	0.01	< 20	5	< 2	< 10	161	18	6	3	
147630	2.44	0.028	0.011	0.29	4	21	49	< 0.01	< 20	< 1	< 2	< 10	143	< 10	7	2	
147631	3.01	0.027	0.011	0.47	4	23	39	< 0.01	< 20	< 1	< 2	< 10	162	< 10	6	2	
147632	2.87	0.028	0.009	0.46	3	23	32	< 0.01	< 20	< 1	< 2	< 10	156	< 10	6	2	
147633	2.73	0.034	0.013	1.04	3	21	56	< 0.01	< 20	< 1	< 2	< 10	148	< 10	6	3	0.83
147634	2.82	0.035	0.010	1.32	3	20	72	< 0.01	< 20	< 1	< 2	< 10	157	10	6	2	1.61
147635	2.48	0.032	0.009	0.17	3	23	33	< 0.01	< 20	< 1	< 2	< 10	140	< 10	11	2	0.63
147636	2.07	0.030	0.009	0.37	4	18	24	< 0.01	< 20	3	< 2	< 10	138	< 10	6	3	0.80
147637	2.45	0.030	0.015	0.44	4	23	37	0.02	< 20	1	< 2	< 10	144	< 10	12	2	0.73
147638	2.52	0.073	0.035	0.49	3	9	42	0.40	< 20	4	< 2	< 10	147	< 10	11	15	
147639	2.10	0.042	0.010	0.11	4	24	24	0.09	< 20	< 1	< 2	< 10	205	< 10	7	3	
147640	2.61	0.033	0.009	0.55	3	22	25	0.12	< 20	< 1	< 2	< 10	174	< 10	7	3	
147641	2.67	0.029	0.009	0.72	3	21	27	0.25	< 20	< 1	< 2	< 10	166	< 10	7	5	
147642	2.21	0.037	0.010	0.13	3	11	25	0.32	< 20	2	< 2	< 10	162	< 10	5	4	
147643	1.93	0.044	0.010	0.69	2	10	21	0.30	< 20	2	< 2	< 10	120	< 10	4	6	
147644	1.96	0.056	0.008	0.26	2	12	36	0.29	< 20	< 1	< 2	< 10	122	< 10	4	6	
147645	2.25	0.048	0.009	0.11	2	15	38	0.32	< 20	2	< 2	< 10	152	< 10	4	6	
147646	2.22	0.063	0.009	0.21	< 2	18	28	0.33	< 20	2	< 2	< 10	185	< 10	6	5	
147647	2.19	0.043	0.009	0.13	2	24	26	0.28	< 20	< 1	< 2	< 10	181	< 10	8	5	
147648	2.32	0.033	0.010	0.10	3	25	18	0.17	< 20	< 1	< 2	< 10	184	< 10	7	5	
147649	0.56	0.017	0.006	< 0.01	< 2	< 1	61	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	2	
147650	2.49	0.017	0.010	1.13	6	16	14	0.02	< 20	< 1	< 2	< 10	135	< 10	4	4	
147651	1.29	0.010	0.016	15.8	7	5	8	< 0.01	< 20	< 1	< 2	< 10	40	< 10	3	16	
147652	1.43	0.010	0.022	9.21	7	4	12	< 0.01	< 20	< 1	< 2	< 10	35	< 10	6	14	
147653	0.99	0.010	0.019	16.6	6	2	6	< 0.01	< 20	< 1	< 2	< 10	27	< 10	2	14	
147654	1.64	0.013	0.031	3.37	5	5	23	0.01	< 20	< 1	< 2	< 10	37	< 10	4	11	
147655	1.62	0.031	0.048	0.72	< 2	3	34	< 0.01	< 20	3	< 2	< 10	36	< 10	5	9	
147656	1.71	0.033	0.051	1.68	2	4	33	< 0.01	< 20	6	< 2	< 10	41	< 10	6	14	
147657	1.49	0.037	0.055	0.74	< 2	3	40	< 0.01	< 20	< 1	< 2	< 10	37	< 10	6	11	
147658	1.50	0.039	0.059	0.64	< 2	3	48	< 0.01	< 20	< 1	< 2	< 10	39	< 10	7	11	
147659	1.39	0.040	0.059	1.50	4	4	44	< 0.01	< 20	< 1	< 2	< 10	41	< 10	6	13	
147660	1.85	0.013	0.048	1.37	5	8	38	0.01	< 20	4	< 2	< 10	62	< 10	5	16	
147661	2.14	0.185	0.082	0.08	< 2	5	51	0.37	< 20	1	< 2	< 10	109	< 10	13	19	
147662	1.44	0.037	0.052	1.32	4	4	40	< 0.01	< 20	< 1	< 2	< 10	43	< 10	6	20	
147663	1.17	0.060	0.115	0.94	< 2	2	46	< 0.01	< 20	< 1	< 2	< 10	38	< 10	10	5	
147664	1.00	0.055	0.109	1.24	< 2	2	46	< 0.01	< 20	< 1	< 2	< 10	41	< 10	7	8	
147665	1.30	0.053	0.058	4.12	2	3	28	< 0.01	< 20	< 1	< 2	< 10	27	< 10	6	16	
147666	1.60	0.049	0.056	2.82	< 2	3	55	< 0.01	< 20	< 1	< 2	< 10	28	< 10	5	13	
147667	1.21	0.043	0.048	8.69	5	4	10	< 0.01	< 20	< 1	< 2	< 10	27	< 10	5	14	
147668	1.17	0.052	0.076	5.92	4	4	32	< 0.01	< 20	< 1	< 2	< 10	42	< 10	6	21	
147669	1.09	0.039	0.049	10.3	6	4	29	< 0.01	< 20	3	< 2	< 10	30	< 10	4	16	
147670	1.23	0.037	0.053	6.49	4	3	40	< 0.01	< 20	< 1	< 2	< 10	25	< 10	5	13	
147671	1.99	0.053	0.031	0.23	< 2	6	40	0.39	< 20	5	< 2	< 10	136	< 10	9	14	
147672	1.42	0.035	0.047	2.33	< 2	3	41	< 0.01	< 20	< 1	< 2	< 10	27	< 10	5	10	
147673	1.07	0.038	0.044	5.17	4	3	23	< 0.01	< 20	< 1	< 2	< 10	26	< 10	8	13	
147674	1.96	0.044	0.069	0.53	< 2	4	56	< 0.01	< 20	< 1	< 2	< 10	56	< 10	3	8	
147675	1.14	0.038	0.052	2.37	< 2	3	28	< 0.01	< 20	< 1	< 2	< 10	34	< 10	6	21	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
147676	1.12	0.040	0.045	7.69	3	3	9	< 0.01	< 20	< 1	< 2	< 10	28	< 10	5	18	
147677	1.20	0.042	0.051	8.93	4	4	15	< 0.01	< 20	< 1	< 2	< 10	33	< 10	7	18	
147678	1.41	0.030	0.045	3.62	< 2	2	36	< 0.01	< 20	< 1	< 2	< 10	20	< 10	5	14	
147679	1.68	0.033	0.047	0.65	2	2	31	< 0.01	< 20	< 1	< 2	< 10	24	< 10	5	11	
147680	1.76	0.036	0.049	0.40	< 2	2	27	< 0.01	< 20	< 1	< 2	< 10	26	< 10	5	11	
147681	1.82	0.044	0.049	0.18	< 2	3	30	< 0.01	< 20	< 1	< 2	< 10	31	< 10	5	10	
147682	1.89	0.042	0.050	0.12	< 2	2	37	< 0.01	< 20	< 1	< 2	< 10	28	< 10	6	10	
147683	0.75	0.016	0.007	< 0.01	< 2	< 1	61	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	2	
147684	1.66	0.034	0.049	0.36	< 2	2	49	< 0.01	< 20	< 1	< 2	< 10	20	< 10	5	10	
147685	1.71	0.028	0.049	0.30	< 2	2	46	< 0.01	< 20	1	< 2	< 10	17	< 10	5	10	
147686	3.91	0.035	0.113	0.16	< 2	14	108	0.26	< 20	3	< 2	< 10	139	< 10	8	14	
147687	2.16	0.056	0.072	0.25	< 2	6	90	0.25	< 20	< 1	< 2	< 10	76	< 10	6	9	
147688	1.67	0.076	0.070	0.11	< 2	3	119	0.27	< 20	3	< 2	< 10	63	< 10	5	9	
147689	1.14	0.040	0.060	0.61	< 2	2	99	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	10	
147690	1.24	0.038	0.049	0.14	< 2	2	95	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	9	
147691	1.97	0.053	0.058	0.07	< 2	4	37	0.07	< 20	< 1	< 2	< 10	47	< 10	6	10	
147692	1.70	0.054	0.051	0.07	< 2	4	42	0.07	< 20	2	< 2	< 10	45	< 10	6	10	
147693	1.74	0.043	0.054	0.10	< 2	3	36	0.08	< 20	2	< 2	< 10	34	< 10	6	10	
147694	1.31	0.048	0.052	0.25	< 2	4	46	0.06	< 20	< 1	< 2	< 10	35	< 10	6	11	
147695	2.54	0.068	0.036	0.50	3	9	41	0.40	< 20	2	< 2	< 10	147	< 10	11	17	
147696	1.53	0.046	0.052	0.09	< 2	3	60	0.08	< 20	< 1	< 2	< 10	29	< 10	6	11	
147697	1.63	0.050	0.055	0.04	< 2	3	21	0.10	< 20	< 1	< 2	< 10	33	< 10	6	10	
147698	0.73	0.066	0.045	0.51	< 2	3	24	< 0.01	< 20	< 1	< 2	< 10	25	< 10	5	18	
147699	0.56	0.054	0.104	2.67	2	4	54	0.01	< 20	3	< 2	< 10	27	< 10	14	14	
147700	0.80	0.075	0.110	0.38	2	6	33	0.06	< 20	1	< 2	< 10	54	< 10	14	7	
147701	0.70	0.069	0.097	0.06	< 2	4	36	0.04	< 20	< 1	< 2	< 10	38	< 10	12	5	
147702	0.75	0.074	0.089	0.24	2	5	37	0.07	< 20	1	< 2	< 10	42	< 10	11	12	
147703	0.77	0.053	0.056	0.11	< 2	4	43	0.02	< 20	4	< 2	< 10	31	< 10	8	13	
147704	0.89	0.070	0.092	0.08	< 2	5	34	0.02	< 20	< 1	< 2	< 10	50	< 10	10	8	
147705	0.90	0.028	0.042	0.48	< 2	2	57	< 0.01	< 20	< 1	< 2	< 10	10	< 10	4	9	
147706	0.93	0.019	0.035	0.59	< 2	5	110	< 0.01	< 20	< 1	< 2	< 10	25	< 10	6	6	
147707	1.98	0.175	0.076	0.08	< 2	5	49	0.35	< 20	2	< 2	< 10	101	< 10	12	17	
147708	1.08	0.024	0.052	0.20	< 2	6	107	< 0.01	< 20	3	< 2	< 10	33	< 10	6	6	
147709	0.87	0.023	0.047	0.20	3	6	104	< 0.01	< 20	< 1	< 2	< 10	33	< 10	6	7	
147710	0.80	0.021	0.046	0.09	2	5	123	< 0.01	< 20	< 1	< 2	< 10	26	< 10	7	6	
147711	0.92	0.019	0.059	0.19	< 2	5	125	< 0.01	< 20	< 1	< 2	< 10	26	< 10	7	6	
147712	0.76	0.025	0.058	0.90	< 2	5	82	< 0.01	< 20	< 1	< 2	< 10	15	< 10	9	8	
147713	2.05	0.018	0.062	0.34	2	6	87	< 0.01	< 20	< 1	< 2	< 10	32	< 10	6	6	
147714	0.76	0.046	0.082	0.47	< 2	2	62	< 0.01	< 20	< 1	< 2	< 10	19	< 10	7	8	
147715	0.94	0.063	0.052	0.15	< 2	2	46	< 0.01	< 20	3	< 2	< 10	17	< 10	4	8	
147716	0.75	0.063	0.050	0.10	< 2	3	37	< 0.01	< 20	< 1	< 2	< 10	28	< 10	7	6	
147717	1.82	0.013	0.007	< 0.01	< 2	< 1	51	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	2	
147718	0.94	0.066	0.058	0.04	< 2	3	42	< 0.01	< 20	< 1	< 2	< 10	23	< 10	6	5	
147719	0.90	0.068	0.055	0.11	< 2	3	43	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	4	
147720	0.87	0.051	0.049	0.03	< 2	2	54	0.02	< 20	< 1	< 2	< 10	16	< 10	6	8	
147721	0.99	0.061	0.052	< 0.01	< 2	2	36	< 0.01	< 20	2	< 2	< 10	19	< 10	5	7	
147722	0.79	0.063	0.050	0.03	< 2	2	24	0.01	< 20	< 1	< 2	< 10	21	< 10	3	11	
147723	0.67	0.061	0.048	0.13	< 2	1	26	0.01	< 20	< 1	< 2	< 10	16	< 10	3	11	
147724	0.35	0.036	0.042	0.04	< 2	2	133	< 0.01	< 20	< 1	< 2	< 10	14	< 10	5	10	
147725	0.33	0.031	0.032	0.06	< 2	3	196	< 0.01	< 20	< 1	< 2	< 10	13	< 10	10	11	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
147726	0.36	0.037	0.041	0.06	< 2	3	138	< 0.01	< 20	< 1	< 2	< 10	15	< 10	6	10	
147727	0.22	0.023	0.044	0.03	< 2	2	189	< 0.01	< 20	3	< 2	< 10	4	< 10	6	9	
147728	2.44	0.067	0.035	0.47	< 2	8	39	0.38	< 20	3	< 2	< 10	141	< 10	10	16	
147729	0.12	0.024	0.043	< 0.01	< 2	1	206	< 0.01	< 20	< 1	< 2	< 10	3	< 10	6	9	
147730	0.16	0.027	0.044	0.01	< 2	2	203	< 0.01	< 20	< 1	< 2	< 10	3	< 10	6	9	
147731	0.17	0.024	0.046	0.02	< 2	1	162	< 0.01	< 20	< 1	< 2	< 10	3	< 10	6	10	
147732	0.62	0.074	0.049	0.72	< 2	2	60	0.02	< 20	6	< 2	< 10	21	< 10	6	11	
147733	0.43	0.070	0.048	0.06	< 2	2	40	< 0.01	< 20	2	< 2	< 10	16	< 10	4	11	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MP-1b Meas																							
MP-1b Cert																							
CPB-2 Meas																							
CPB-2 Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 45d (Aqua Regia) Meas				362	423		210	13	34	5.49	2		81		< 2	0.09	26	471	13.7	20		0.12	10
OREAS 45d (Aqua Regia) Cert				345.0	400.000		176.0	17.00	30.6	4.860	6.50		80		0.30	0.09	26.2	467	13.650	17.9		0.097	9.960
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2370	784	< 1	33	59	257	2.78	5		82	0.8	5	0.39	19	45	5.18	< 10		0.46	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2320	778	< 1	33	61	257	2.81	5		86	0.8	5	0.40	19	45	5.02	< 10		0.49	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4270	839	< 1	31	78	336	2.76	6		69	0.7	11	0.40	21	44	5.61	< 10		0.41	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4590	907	< 1	29	82	339	2.87	6		72	0.7	8	0.41	22	42	5.96	< 10		0.43	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 520 (Aqua Regia) Meas				2730	2030	52	67	3	20	1.46	131			0.6	< 2	3.18	171	34	15.1	10		0.47	65
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 520 (Aqua Regia) Meas				3040	2150	57	68	4	20	1.57	143			0.6	< 2	3.38	181	34	15.9	10		0.49	68
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6410	333	5	4	33	149	1.22	34		232	1.1	17	0.27	45	9	7.83	20		0.36	35
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
Oreas 621 (Aqua Regia) Meas		66.9	278	3580	528	12	23	> 5000	> 10000	1.68	72			0.6	< 2	1.51	28	31	3.38	< 10	4	0.37	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		69.2	288	3820	555	14	24	> 5000	> 10000	1.82	76			0.6	< 2	1.59	29	30	3.57	10	3	0.38	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 263		< 0.2	< 0.5	88	515	< 1	75	34	135	1.94	27		190	1.4	< 2	1.03	32	61	3.83	< 10	< 1	0.41	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 263 (Aqua Regia) Meas		0.2	< 0.5	90	521	< 1	71	34	131	1.92	28		194	1.4	< 2	1.01	31	57	3.81	< 10	< 1	0.41	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 130 (Aqua Regia) Meas		6.0	28.8	228	1590	8	31	1220	> 10000	1.25	201				< 2	1.65	25	25	6.83	< 10	< 1	0.56	22
OREAS 130 (Aqua Regia) Cert		6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670	0.500	26.4
OREAS 130 (Aqua Regia) Meas		6.1	29.1	236	1600	7	35	1260	> 10000	1.19	196				< 2	1.64	25	27	7.01	< 10	< 1	0.53	23
OREAS 130 (Aqua Regia) Cert		6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670	0.500	26.4
OREAS 130 (Aqua Regia) Meas		6.0	28.9	233	1630	7	29	1270	> 10000	1.25	203				< 2	1.64	25	23	7.00	< 10	< 1	0.58	24
OREAS 130 (Aqua Regia) Cert		6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670	0.500	26.4
OREAS 153b (Aqua Regia) Meas		1.4	< 0.5	6740	251	159	11	11	117	2.59	76		28	< 0.5	< 2	1.30	15	17	3.69	< 10	< 1	0.40	< 10
OREAS 153b (Aqua Regia) Cert		1.40	0.240	6700	240	156	11.1	12.4	118	2.28	80.0		22.8	0.180	1.81	1.32	14.9	16.2	3.60	8.06	0.0660	0.365	3.79
OREAS 153b (Aqua Regia) Meas		1.4	< 0.5	7060	266	162	10	12	117	2.53	88		28	< 0.5	7	1.28	15	16	3.91	< 10	< 1	0.39	< 10
OREAS 153b (Aqua Regia) Cert		1.40	0.240	6700	240	156	11.1	12.4	118	2.28	80.0		22.8	0.180	1.81	1.32	14.9	16.2	3.60	8.06	0.0660	0.365	3.79
OREAS 153b (Aqua Regia) Meas		1.3	< 0.5	6400	248	148	11	11	111	2.32	72		26	< 0.5	4	1.20	14	15	3.59	< 10	< 1	0.36	< 10
OREAS 153b (Aqua Regia) Cert		1.40	0.240	6700	240	156	11.1	12.4	118	2.28	80.0		22.8	0.180	1.81	1.32	14.9	16.2	3.60	8.06	0.0660	0.365	3.79
Oreas 623 (Aqua Regia) Meas		18.9	49.0	> 10000	540	7	15	2230	9100	1.70	73			< 0.5	11	0.95	204	20	12.0	10	< 1	0.17	16
Oreas 623 (Aqua Regia) Cert		20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9
Oreas 623 (Aqua Regia) Meas		19.3	49.2	> 10000	549	8	16	2240	9140	1.77	75			< 0.5	11	0.95	207	18	12.3	10	< 1	0.19	17
Oreas 623 (Aqua Regia) Cert		20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9
Oreas 237 (fire Assay) Meas	2.24																						
Oreas 237 (fire Assay) Cert	2.21																						
Oreas 237 (fire Assay) Meas	2.28																						
Oreas 237 (fire Assay) Cert	2.21																						
Oreas 237 (fire Assay) Meas	2.30																						
Oreas 237 (fire Assay) Cert	2.21																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas 237 (fire Assay) Meas	2.23																						
Oreas 237 (fire Assay) Cert	2.21																						
Oreas 237 (fire Assay) Meas	2.29																						
Oreas 237 (fire Assay) Cert	2.21																						
Oreas 237 (fire Assay) Meas	2.22																						
Oreas 237 (fire Assay) Cert	2.21																						
Oreas 237 (fire Assay) Meas	2.31																						
Oreas 237 (fire Assay) Cert	2.21																						
OREAS 139 (Peroxide Fusion) Meas																							
OREAS 139 (Peroxide Fusion) Cert																							
147531 Orig		0.3	< 0.5	79	3390	< 1	49	30	142	3.50	4	< 10	15	< 0.5	< 2	4.96	17	81	9.01	10	< 1	0.03	< 10
147531 Dup		0.3	< 0.5	81	3510	< 1	52	32	146	3.64	5	< 10	16	< 0.5	< 2	5.11	18	84	9.41	10	< 1	0.03	< 10
147535 Orig	0.005																						
147535 Dup	0.005																						
147545 Orig	0.005																						
147545 Dup	0.005																						
147549 Orig		< 0.2	< 0.5	16	1010	< 1	24	< 2	59	1.98	4	< 10	16	< 0.5	< 2	4.58	9	33	2.88	< 10	< 1	0.11	< 10
147549 Dup		< 0.2	< 0.5	19	1020	< 1	25	< 2	61	1.98	< 2	< 10	16	< 0.5	< 2	4.62	9	34	2.95	< 10	< 1	0.11	< 10
147555 Orig	0.006																						
147555 Dup	0.008																						
147566 Orig		< 0.2	< 0.5	10	239	< 1	8	< 2	79	0.69	< 2	< 10	33	< 0.5	< 2	1.15	6	5	0.72	< 10	< 1	0.13	< 10
147566 Dup		< 0.2	< 0.5	11	243	< 1	7	< 2	79	0.71	< 2	< 10	33	< 0.5	< 2	1.16	6	5	0.73	< 10	< 1	0.13	< 10
147570 Orig	0.010																						
147570 Dup	0.009																						
147575 Orig	0.038	< 0.2	< 0.5	7	413	< 1	3	10	81	0.98	6	< 10	70	< 0.5	< 2	2.68	4	4	1.88	< 10	< 1	0.30	< 10
147575 Split PREP DUP	0.036	< 0.2	< 0.5	7	409	< 1	3	10	80	0.92	7	< 10	66	< 0.5	< 2	2.67	4	3	1.89	< 10	< 1	0.28	< 10
147579 Orig	0.018																						
147579 Dup	0.019																						
147586 Orig		0.8	0.9	53	286	42	75	93	351	0.68	28	< 10	38	< 0.5	< 2	2.00	22	19	2.85	< 10	< 1	0.29	< 10
147586 Dup		0.9	0.9	54	289	43	77	95	350	0.70	29	< 10	42	< 0.5	< 2	2.05	22	19	2.94	< 10	< 1	0.30	< 10
147589 Orig	0.018																						
147589 Dup	0.018																						
147599 Orig		< 0.2	< 0.5	28	242	< 1	17	11	475	0.50	16	< 10	46	< 0.5	< 2	2.88	9	5	1.96	< 10	< 1	0.20	< 10
147599 Dup		< 0.2	< 0.5	27	242	< 1	16	12	474	0.51	17	< 10	48	< 0.5	< 2	2.87	9	5	1.92	< 10	< 1	0.20	< 10
147604 Orig	0.051																						
147604 Dup	0.050																						
147610 Orig		< 0.2	< 0.5	38	195	7	12	5	56	0.75	38	< 10	43	< 0.5	< 2	2.26	7	8	1.84	< 10	< 1	0.14	< 10
147610 Dup		< 0.2	< 0.5	38	199	7	13	5	57	0.78	38	< 10	45	< 0.5	< 2	2.31	7	9	1.89	< 10	< 1	0.14	< 10
147614 Orig	0.008																						
147614 Dup	0.009																						
147623 Orig		0.4	< 0.5	166	751	3	85	6	63	3.93	12	17	24	< 0.5	< 2	3.38	31	119	5.61	10	< 1	0.09	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147623 Dup		0.3	< 0.5	163	742	1	85	6	63	3.88	12	17	24	< 0.5	< 2	3.34	30	119	5.55	10	< 1	0.09	< 10
147624 Orig	< 0.005																						
147624 Dup	< 0.005																						
147625 Orig	< 0.005	< 0.2	1.8	18	250	< 1	9	23	452	0.86	4	< 10	40	< 0.5	< 2	2.37	6	9	1.54	< 10	< 1	0.13	< 10
147625 Split PREP DUP	< 0.005	< 0.2	1.8	18	248	< 1	10	23	439	0.84	5	< 10	39	< 0.5	< 2	2.33	6	9	1.53	< 10	< 1	0.12	< 10
147635 Orig	0.005																						
147635 Dup	0.005																						
147637 Orig																							
147637 Dup																							
147639 Orig		0.2	6.7	86	1780	< 1	162	406	1740	3.19	63	< 10	< 10	< 0.5	< 2	5.66	35	319	6.16	10	< 1	0.01	< 10
147639 Dup		0.2	6.6	83	1760	< 1	163	404	1710	3.16	65	< 10	< 10	< 0.5	< 2	5.59	35	320	6.10	< 10	< 1	0.01	< 10
147645 Orig	0.006																						
147645 Dup	0.006																						
147652 Orig		0.5	< 0.5	95	2370	< 1	74	14	46	2.42	9	< 10	< 10	< 0.5	< 2	3.19	11	31	15.5	< 10	< 1	0.01	< 10
147652 Dup		0.5	< 0.5	92	2300	< 1	70	14	45	2.39	9	< 10	< 10	< 0.5	< 2	3.31	12	31	14.9	< 10	< 1	0.01	< 10
147655 Orig	< 0.005																						
147655 Dup	< 0.005																						
147664 Orig		< 0.2	< 0.5	93	1580	< 1	36	4	75	2.01	< 2	< 10	25	< 0.5	< 2	3.43	14	39	4.90	< 10	< 1	0.15	12
147664 Dup		< 0.2	< 0.5	89	1560	< 1	35	4	75	1.98	< 2	< 10	25	< 0.5	< 2	3.38	14	39	4.92	< 10	< 1	0.14	13
147670 Orig	0.036																						
147670 Dup	0.039																						
147675 Orig	0.012	0.2	< 0.5	59	1310	2	30	6	51	1.97	< 2	< 10	19	< 0.5	< 2	2.15	13	33	5.76	< 10	< 1	0.11	< 10
147675 Split PREP DUP	0.015	0.2	< 0.5	63	1360	1	33	6	54	1.93	3	< 10	20	< 0.5	< 2	2.22	13	34	6.12	< 10	< 1	0.11	< 10
147679 Orig	0.005																						
147679 Dup	0.005																						
147681 Orig		< 0.2	< 0.5	14	612	2	38	< 2	61	2.31	< 2	< 10	20	< 0.5	< 2	2.25	14	42	3.64	< 10	< 1	0.12	< 10
147681 Dup		< 0.2	< 0.5	14	615	2	37	< 2	61	2.33	< 2	< 10	21	< 0.5	< 2	2.24	14	42	3.63	< 10	< 1	0.12	< 10
147689 Orig	0.006																						
147689 Dup	0.006																						
147704 Orig	0.008																						
147704 Dup	0.007																						
147711 Orig		< 0.2	< 0.5	43	1810	< 1	129	< 2	43	1.57	25	< 10	13	< 0.5	< 2	9.40	29	129	3.44	< 10	< 1	0.10	< 10
147711 Dup		< 0.2	< 0.5	41	1830	< 1	125	< 2	44	1.58	25	< 10	14	< 0.5	< 2	9.46	29	131	3.47	< 10	< 1	0.10	< 10
147714 Orig	0.028																						
147714 Dup	0.023																						
147724 Orig	< 0.005																						
147724 Dup	< 0.005																						
147725 Orig	< 0.005	< 0.2	< 0.5	11	2010	< 1	15	3	43	1.00	< 2	< 10	26	< 0.5	< 2	> 10.0	8	14	2.69	< 10	< 1	0.07	< 10
147725 Split PREP DUP	< 0.005	< 0.2	< 0.5	12	2040	< 1	16	3	44	1.02	< 2	< 10	27	< 0.5	< 2	> 10.0	7	14	2.76	< 10	< 1	0.07	< 10
Method Blank	< 0.005																						
Method Blank	0.005																						
Method Blank	0.005																						
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
MP-1b Meas																	2.14
MP-1b Cert																	2.09
CPB-2 Meas																	65.3
CPB-2 Cert																	63.52
CZN-4 Meas																	0.18
CZN-4 Cert																	0.1861
OREAS 45d (Aqua Regia) Meas	0.16	0.041	0.034	0.04		44	13		< 20			< 10	196		4		
OREAS 45d (Aqua Regia) Cert	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201.0		5.08		
OREAS 922 (AQUA REGIA) Meas	1.33	0.030	0.065	0.38	< 2	4	17		< 20		< 2	< 10	34	< 10	20	28	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	1.30	0.033	0.062	0.37	2	4	17		< 20		< 2	< 10	34	< 10	21	21	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	1.47		0.059	0.69	2	4	14		< 20		< 2	< 10	32	< 10	18	30	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	1.42		0.061	0.69	2	4	15		< 20		< 2	< 10	34	< 10	19	32	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 520 (Aqua Regia) Meas	1.09	0.060	0.066	0.92	5	11	30	0.15	< 20	< 1	< 2	< 10	216	25	12	35	
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 520 (Aqua Regia) Meas	1.10	0.065	0.071	0.93	6	12	33	0.16	< 20	< 1	< 2	12	230	25	13	37	
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 907 (Aqua Regia) Meas	0.24	0.102	0.024	0.06	6	2	13	0.03	< 20	1	< 2	< 10	6	< 10	7	33	
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7	
Oreas 621 (Aqua Regia) Meas	0.42	0.171	0.032	4.49	122	2	18		< 20		< 2	< 10	11	< 10	7	64	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.43	0.186	0.034	4.60	114	3	19		< 20		< 2	< 10	12	< 10	8	67	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
OREAS 263 (Aqua Regia) Meas	0.63	0.094	0.043	0.12	10	4	19		< 20	< 1	< 2	< 10	27		12		
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		
OREAS 263 (Aqua Regia) Meas	0.59	0.095	0.042	0.12	9	4	19		< 20	< 1	< 2	< 10	27		12		
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		
OREAS 130 (Aqua Regia) Meas	0.95		0.084	6.25	6	4	21	0.04	< 20	5	4	< 10	35	24	12	27	
OREAS 130 (Aqua Regia) Cert	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0	
OREAS 130 (Aqua Regia) Meas	0.89		0.084	6.13	7	4	21	0.03	< 20	4	< 2	< 10	35	18	12	26	
OREAS 130 (Aqua Regia) Cert	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0	
OREAS 130 (Aqua Regia) Meas	0.89		0.083	6.08	7	4	22	0.03	< 20	5	3	< 10	36	15	12	27	
OREAS 130 (Aqua Regia) Cert	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0	
OREAS 153b (Aqua Regia) Meas	1.57	0.179	0.048	1.30	2	10	37	0.07	< 20	< 1	< 2	< 10	148		9	3	
OREAS 153b (Aqua Regia) Cert	1.47	0.148	0.0470	1.27	2.12	9.98	31.4	0.0500	0.350	0.250	0.0640	0.0610	153		9.38	0.860	
OREAS 153b (Aqua Regia) Meas	1.49	0.175	0.049	1.28	3	11	36	0.06	< 20	< 1	< 2	< 10	155		9	3	
OREAS 153b (Aqua Regia) Cert	1.47	0.148	0.0470	1.27	2.12	9.98	31.4	0.0500	0.350	0.250	0.0640	0.0610	153		9.38	0.860	
OREAS 153b (Aqua Regia) Meas	1.37	0.159	0.045	1.18	< 2	10	35	0.06	< 20	2	< 2	< 10	144		8	2	
OREAS 153b (Aqua Regia) Cert	1.47	0.148	0.0470	1.27	2.12	9.98	31.4	0.0500	0.350	0.250	0.0640	0.0610	153		9.38	0.860	
Oreas 623 (Aqua Regia) Meas	1.00	0.071	0.042	8.49	24	5	14		< 20	< 1	< 2	< 10	17	< 10	7	55	
Oreas 623 (Aqua Regia) Cert	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0	
Oreas 623 (Aqua Regia) Meas	1.02	0.077	0.043	8.82	23	5	14		< 20	5	< 2	< 10	17	< 10	8	57	
Oreas 623 (Aqua Regia) Cert	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire Assay) Cert																	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire Assay) Cert																	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire																	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
Assay) Cert																	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire Assay) Cert																	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire Assay) Cert																	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire Assay) Cert																	
Oreas 237 (fire Assay) Meas																	
Oreas 237 (fire Assay) Cert																	
OREAS 139 (Peroxide Fusion) Meas																	2.17
OREAS 139 (Peroxide Fusion) Cert																	2.20
147531 Orig	1.81	0.026	0.064	0.75	3	12	96	0.04	< 20	< 1	< 2	< 10	90	< 10	8	13	
147531 Dup	1.87	0.027	0.066	0.78	3	12	99	0.04	< 20	< 1	< 2	< 10	95	< 10	9	13	
147535 Orig																	
147535 Dup																	
147545 Orig																	
147545 Dup																	
147549 Orig	1.16	0.043	0.055	0.02	< 2	5	35	0.19	< 20	3	< 2	< 10	37	< 10	8	7	
147549 Dup	1.19	0.042	0.057	0.01	< 2	5	36	0.19	< 20	< 1	< 2	< 10	38	< 10	8	6	
147555 Orig																	
147555 Dup																	
147566 Orig	0.11	0.092	0.049	0.08	< 2	< 1	32	0.02	< 20	< 1	< 2	< 10	6	< 10	5	11	
147566 Dup	0.11	0.093	0.049	0.08	< 2	< 1	33	0.02	< 20	< 1	< 2	< 10	6	< 10	5	11	
147570 Orig																	
147570 Dup																	
147575 Orig	0.24	0.043	0.050	0.27	< 2	< 1	40	0.06	< 20	< 1	< 2	< 10	4	< 10	6	14	
147575 Split PREP DUP	0.24	0.040	0.052	0.28	< 2	< 1	41	0.06	< 20	2	< 2	< 10	4	< 10	6	15	
147579 Orig																	
147579 Dup																	
147586 Orig	0.26	0.036	0.062	2.93	< 2	2	32	< 0.01	< 20	< 1	< 2	< 10	13	< 10	6	26	
147586 Dup	0.27	0.037	0.063	2.98	< 2	2	33	< 0.01	< 20	5	< 2	< 10	14	< 10	6	24	
147589 Orig																	
147589 Dup																	
147599 Orig	0.15	0.053	0.041	1.92	< 2	< 1	41	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	15	
147599 Dup	0.15	0.054	0.041	1.86	< 2	< 1	38	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	15	
147604 Orig																	
147604 Dup																	
147610 Orig	0.49	0.068	0.040	1.39	< 2	< 1	51	< 0.01	< 20	< 1	< 2	< 10	9	< 10	2	15	
147610 Dup	0.51	0.071	0.041	1.44	< 2	< 1	50	< 0.01	< 20	2	< 2	< 10	9	< 10	2	15	
147614 Orig																	
147614 Dup																	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
147623 Orig	2.16	0.063	0.033	0.25	< 2	7	49	0.44	< 20	< 1	< 2	< 10	156	< 10	11	14	
147623 Dup	2.15	0.062	0.033	0.25	< 2	7	50	0.44	< 20	1	< 2	< 10	153	< 10	11	13	
147624 Orig																	
147624 Dup																	
147625 Orig	0.54	0.055	0.039	0.57	< 2	< 1	17	< 0.01	< 20	< 1	< 2	< 10	13	< 10	3	11	
147625 Split PREP DUP	0.53	0.054	0.039	0.56	< 2	< 1	17	< 0.01	< 20	< 1	< 2	< 10	12	< 10	3	12	
147635 Orig																	
147635 Dup																	
147637 Orig																	0.73
147637 Dup																	0.73
147639 Orig	2.11	0.043	0.010	0.11	3	24	24	0.09	< 20	< 1	< 2	< 10	207	< 10	7	3	
147639 Dup	2.09	0.042	0.010	0.11	4	24	23	0.09	< 20	< 1	< 2	< 10	203	< 10	7	3	
147645 Orig																	
147645 Dup																	
147652 Orig	1.43	0.011	0.022	9.19	7	4	11	< 0.01	< 20	< 1	< 2	< 10	35	< 10	6	14	
147652 Dup	1.42	0.010	0.022	9.22	6	4	12	< 0.01	< 20	< 1	< 2	< 10	34	< 10	6	13	
147655 Orig																	
147655 Dup																	
147664 Orig	1.01	0.056	0.110	1.27	< 2	2	46	< 0.01	< 20	< 1	< 2	< 10	42	< 10	7	8	
147664 Dup	0.99	0.055	0.108	1.22	< 2	2	45	< 0.01	< 20	3	< 2	< 10	41	< 10	7	7	
147670 Orig																	
147670 Dup																	
147675 Orig	1.14	0.038	0.052	2.37	< 2	3	28	< 0.01	< 20	< 1	< 2	< 10	34	< 10	6	21	
147675 Split PREP DUP	1.20	0.038	0.055	2.48	< 2	3	29	< 0.01	< 20	< 1	< 2	< 10	35	< 10	6	21	
147679 Orig																	
147679 Dup																	
147681 Orig	1.82	0.043	0.049	0.18	< 2	3	30	< 0.01	< 20	3	< 2	< 10	31	< 10	5	10	
147681 Dup	1.82	0.044	0.049	0.18	< 2	3	31	< 0.01	< 20	< 1	< 2	< 10	31	< 10	5	11	
147689 Orig																	
147689 Dup																	
147704 Orig																	
147704 Dup																	
147711 Orig	0.91	0.019	0.059	0.19	< 2	5	124	< 0.01	< 20	2	< 2	< 10	26	< 10	7	7	
147711 Dup	0.93	0.020	0.059	0.19	3	5	126	< 0.01	< 20	< 1	< 2	< 10	26	< 10	7	6	
147714 Orig																	
147714 Dup																	
147724 Orig																	
147724 Dup																	
147725 Orig	0.33	0.031	0.032	0.06	< 2	3	196	< 0.01	< 20	< 1	< 2	< 10	13	< 10	10	11	
147725 Split PREP DUP	0.34	0.032	0.033	0.06	< 2	3	201	< 0.01	< 20	< 1	< 2	< 10	13	< 10	10	11	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Pb
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-Na2O2
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05663**
Report Date: **10-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **June 1/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

16 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2020-06-09 17:21:14
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-06-05 08:38:40

REPORT **A20-05663**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147738	0.015	3.4	38.7	558	1400	41	186	1620	6560	1.50	146	< 10	27	< 0.5	2	0.88	61	43	6.04	< 10	< 1	0.12	12
147739	0.013	6.2	116	532	1180	11	216	> 5000	> 10000	1.43	46	< 10	37	< 0.5	3	0.22	69	13	3.20	< 10	< 1	0.16	12
147740	0.007	4.3	61.9	581	831	47	138	3550	> 10000	1.15	32	< 10	29	< 0.5	3	0.18	48	20	3.45	< 10	< 1	0.10	28
147741	0.036	2.7	9.9	356	2350	4	99	344	2620	1.16	234	< 10	15	< 0.5	2	2.49	27	15	12.9	< 10	< 1	0.09	15
147742	0.014	2.0	15.2	95	2940	< 1	118	821	3910	1.09	157	< 10	14	< 0.5	< 2	4.59	34	101	9.70	< 10	< 1	0.06	< 10
147743	0.012	2.2	4.2	118	2390	< 1	123	99	805	1.52	102	< 10	13	< 0.5	< 2	4.62	41	115	9.62	< 10	< 1	0.05	< 10
147744	< 0.005	1.6	22.1	209	3440	< 1	91	1100	4150	3.43	8	< 10	< 10	< 0.5	< 2	5.88	21	147	10.3	< 10	< 1	< 0.01	< 10
147745	< 0.005	3.2	63.8	148	3000	< 1	89	3410	> 10000	4.09	6	< 10	< 10	< 0.5	< 2	6.20	26	184	8.10	< 10	1	< 0.01	< 10
147746	< 0.005	1.7	26.1	98	3080	< 1	111	1820	5610	4.50	11	< 10	< 10	< 0.5	< 2	6.74	29	215	8.83	10	< 1	0.01	< 10
147747	0.005	1.2	13.7	126	2760	2	117	997	2960	4.45	4	< 10	< 10	< 0.5	< 2	5.17	32	224	8.39	10	2	< 0.01	< 10
147748	0.322	< 0.2	< 0.5	97	648	< 1	77	4	61	2.20	< 2	20	24	< 0.5	< 2	1.87	26	51	4.67	< 10	< 1	0.04	< 10
147749	0.006	0.8	13.6	171	2230	< 1	140	916	3350	3.71	8	< 10	< 10	< 0.5	< 2	5.82	35	266	6.84	10	1	0.01	< 10
147750	0.028	2.6	56.2	559	1770	3	125	4440	> 10000	3.14	7	< 10	< 10	< 0.5	< 2	6.45	36	214	5.41	10	< 1	0.01	< 10
147751	0.014	1.6	30.3	186	1470	1	127	2530	7960	3.34	20	< 10	< 10	< 0.5	< 2	7.09	34	248	5.36	10	< 1	0.02	< 10
147752	0.006	0.7	21.7	155	1180	< 1	130	1590	5900	3.66	64	< 10	< 10	< 0.5	< 2	6.43	34	286	5.63	10	< 1	< 0.01	< 10
147753	< 0.005	< 0.2	< 0.5	1	134	< 1	1	15	39	0.05	3	< 10	13	< 0.5	< 2	> 10.0	< 1	3	0.14	< 10	< 1	0.02	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
147738	0.98	0.029	0.046	5.05	4	4	10	< 0.01	< 20	3	< 2	< 10	44	< 10	7	29
147739	0.76	0.028	0.059	2.65	3	2	7	< 0.01	< 20	6	< 2	< 10	17	38	8	27
147740	0.83	0.041	0.040	2.94	2	3	6	< 0.01	< 20	< 1	< 2	< 10	35	< 10	11	43
147741	1.18	0.024	0.021	16.0	7	3	16	< 0.01	< 20	1	< 2	< 10	19	< 10	8	37
147742	1.30	0.036	0.010	11.9	6	5	22	0.01	< 20	< 1	< 2	< 10	52	< 10	4	7
147743	1.58	0.027	0.012	10.7	6	6	20	< 0.01	< 20	< 1	< 2	< 10	64	< 10	5	7
147744	2.60	0.009	0.008	6.16	5	15	34	< 0.01	< 20	< 1	< 2	< 10	113	< 10	6	5
147745	2.83	0.010	0.008	1.83	4	18	33	0.01	< 20	< 1	< 2	< 10	133	21	7	4
147746	3.09	0.013	0.009	1.10	5	20	40	< 0.01	< 20	< 1	< 2	< 10	148	< 10	9	3
147747	3.10	0.014	0.009	0.56	5	21	30	0.01	< 20	< 1	< 2	< 10	155	< 10	6	3
147748	1.94	0.132	0.075	0.08	< 2	4	40	0.29	< 20	2	< 2	< 10	95	< 10	11	17
147749	2.24	0.023	0.011	0.29	3	22	26	0.01	< 20	< 1	< 2	< 10	170	< 10	5	3
147750	2.12	0.021	0.015	1.02	4	18	28	< 0.01	< 20	< 1	6	< 10	142	27	7	4
147751	2.38	0.023	0.014	0.57	3	21	34	< 0.01	< 20	< 1	< 2	< 10	162	18	8	3
147752	2.72	0.021	0.011	0.40	3	25	34	< 0.01	< 20	< 1	< 2	< 10	191	12	6	2
147753	1.44	0.012	0.007	< 0.01	< 2	< 1	47	< 0.01	< 20	< 1	< 2	< 10	2	< 10	2	< 1

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	66	985	2	20	87	117	6.74	230	< 10	800	0.8	< 2	0.16	11	72	5.21	20	< 1	1.08	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 922 (AQUA REGIA) Meas		3.3	< 0.5	2300	786	< 1	32	61	262	2.87	5		73	0.7	8	0.38	17	45	5.24	< 10		0.45	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4660	914	< 1	30	84	344	2.98	5		61	0.7	21	0.38	20	42	6.15	< 10		0.40	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	0.8	6350	339	5	4	32	138	1.08	36		206	1.0	21	0.26	40	8	7.83	20		0.33	36
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
Oreas 621 (Aqua Regia) Meas		71.8	291	3670	546	13	23	> 5000	> 10000	1.67	76			0.5	4	1.57	27	30	3.43	10	4	0.34	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 237 (fire Assay) Meas	2.26																						
Oreas 237 (fire Assay) Cert	2.21																						
147740 Orig		4.2	62.3	589	842	47	140	3560	> 10000	1.16	32	< 10	29	< 0.5	4	0.18	48	21	3.48	< 10	< 1	0.10	28
147740 Dup		4.4	61.5	572	821	47	137	3540	> 10000	1.13	31	< 10	29	< 0.5	2	0.18	47	20	3.41	< 10	< 1	0.09	28
147747 Orig	0.005																						
147747 Dup	0.005																						
147748 Orig		< 0.2	< 0.5	101	664	< 1	79	3	64	2.26	< 2	21	24	< 0.5	< 2	1.92	26	53	4.84	< 10	< 1	0.04	< 10
147748 Dup		< 0.2	< 0.5	94	632	< 1	75	4	59	2.13	< 2	20	23	< 0.5	< 2	1.82	25	49	4.51	< 10	< 1	0.04	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 0.005																						
Method Blank	< 0.005																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.36	0.071	0.032	0.01	4	18	33		< 20	< 1	< 2	< 10	156	< 10	5	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 922 (AQUA REGIA) Meas	1.35	0.024	0.065	0.39	3	3	16		< 20		< 2	< 10	34	< 10	20	20
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.44		0.064	0.70	3	3	15		< 20		< 2	< 10	34	< 10	18	25
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.21	0.081	0.025	0.06	5	2	12	0.02	< 20	< 1	< 2	< 10	6	< 10	7	45
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
Oreas 621 (Aqua Regia) Meas	0.44	0.141	0.034	4.68	130	2	19		< 20		< 2	< 10	12	< 10	7	61
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 237 (fire Assay) Meas																
Oreas 237 (fire Assay) Cert																
147740 Orig	0.83	0.041	0.041	2.97	2	3	6	< 0.01	< 20	< 1	< 2	< 10	36	< 10	11	44
147740 Dup	0.82	0.041	0.040	2.91	2	3	6	< 0.01	< 20	1	< 2	< 10	35	< 10	11	43
147747 Orig																
147747 Dup																
147748 Orig	2.00	0.134	0.078	0.08	2	4	41	0.29	< 20	1	< 2	< 10	97	< 10	12	18
147748 Dup	1.87	0.129	0.073	0.07	< 2	4	40	0.29	< 20	3	< 2	< 10	93	< 10	11	17
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05663-8-Peroxide**
Report Date: **12-Jun-20**
Date Submitted: **01-Jun-20**
Your Reference: **June 1/20**

New Break Resources Ltd.
18 King Street East, Suite 902
Toronto Ontario M5C 1C4
Canada

ATTN: President Michael Farrant

CERTIFICATE OF ANALYSIS

16 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	

REPORT **A20-05663-8-Peroxide**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Pb	Zn
Unit Symbol	%	%
Lower Limit	0.01	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
147739	0.56	2.41
147740		1.12
147745		1.80
147750		1.70

Analyte Symbol	Pb	Zn
Unit Symbol	%	%
Lower Limit	0.01	0.01
Method Code	FUS-Na2O2	FUS-Na2O2
OREAS 134b (Fusion) Meas		18.5
OREAS 134b (Fusion) Cert		18.12
MP-1b Meas	2.11	17.1
MP-1b Cert	2.09	16.7
CPB-2 Meas	63.0	6.28
CPB-2 Cert	63.52	6.04
CZN-4 Meas	0.18	55.9
CZN-4 Cert	0.1861	55.07
OREAS 621 (Peroxide Fusion) Meas	1.35	5.48
OREAS 621 (Peroxide Fusion) Cert	1.33	5.22
147745 Orig	0.44	1.81
147745 Dup	0.44	1.79
Method Blank	< 0.01	< 0.01

Appendix 7

Project Expenditures

Vendor	Description	Invoice #	Date	Amount	HST	Total
Bill Love	Accomodation, Meals, Gas - drilling program	n/a	11/20/2019	$ 1,204.52	$ 147.50	$ 1,352.02
Bill Love	5 days @ $400/day - drilling program (November 14-18, 2019)	1034	11/25/2019	$ 2,000.00	$ 260.00	$ 2,260.00
Bill Love	Airfare, Accomodation, Meals, Car Rental - drilling program	n/a	12/29/2019	$ 1,118.06	$ 143.73	$ 1,261.79
Bill Love	3 days @ $400/day - drilling program (December 26, 27, 28, 2019)	1037	12/31/2019	$ 1,200.00	$ 156.00	$ 1,356.00
J.D. Bryant	9 days at $400/day - drilling program	NB 20-01	3/1/2020	$ 3,600.00	$ 468.00	$ 4,068.00
NPLH Drilling	Deposit	6261	3/23/2020	$ 25,000.00	$ -	$ 25,000.00
J.D. Bryant	Gas - 83.240L @ $0.889/litre	Expense	3/26/2020	$ 65.49	$ 8.51	$ 74.00
J.D. Bryant	Gas - 74.506L @ $0.859/litre	Expense	3/28/2020	$ 56.64	$ 7.36	$ 64.00
Bill Love	32 hours at $50/hour - drilling program - March 17,18,19,20,22,27,29,30,31, 2020	1040	3/31/2020	$ 1,600.00	$ 208.00	$ 1,808.00
J.D. Bryant	Gas - 79.866L @ $0.889/litre	Expense	4/1/2020	$ 62.83	$ 8.17	$ 71.00
J.D. Bryant	30 days at $400/day - drilling program	NB 20-02	4/1/2020	$ 12,000.00	$ 1,560.00	$ 13,560.00
Analytical Solutions Ltd.	Standards for drilling program - 90 x $5.95 + $102.98 S/H	n/a	4/1/2020	$ 638.48	$ 83.00	$ 721.48
Bill Love	Accomodation, Meals, Gas - drilling program	n/a	4/4/2020	$ 943.62	$ 67.04	$ 1,010.66
J.D. Bryant	Gas - 84.364L @ $0.889/litre	Expense	4/5/2020	$ 66.37	$ 8.63	$ 75.00
J.D. Bryant	Gas - 85.487L @ $0.889/litre	Expense	4/12/2020	$ 67.26	$ 8.74	$ 76.00
J.D. Bryant	Gas - 84.362L @ $0.889/litre	Expense	4/17/2020	$ 66.37	$ 8.63	$ 75.00
Peter Caldbick	Core Logging - April 8-17, 2020 - 39.5 hours x $62.50 per hour	001	4/17/2020	$ 2,468.75	$ 320.94	$ 2,789.69
J.D. Bryant	Core shack rental - 2 weeks at $250.00 per week	NBWH-20-01	4/20/2020	$ 500.00	$ 65.00	$ 565.00
J.D. Bryant	Core shack sample supplies - Core trays, plastic bags, tags, staples	Expense	4/20/2020	$ 967.00	$ 125.71	$ 1,092.71
Activation Laboratories Ltd.	Assays	A20-04203	4/21/2020	$ 1,310.00	$ 170.30	$ 1,480.30
Activation Laboratories Ltd.	Assays	A20-04206	4/21/2020	$ 1,310.00	$ 170.30	$ 1,480.30
Activation Laboratories Ltd.	Assays	A20-04353	4/21/2020	$ 1,310.00	$ 170.30	$ 1,480.30
Activation Laboratories Ltd.	Assays	A20-04354	4/21/2020	$ 1,310.00	$ 170.30	$ 1,480.30
Activation Laboratories Ltd.	Assays	A20-04355	4/21/2020	$ 1,310.00	$ 170.30	$ 1,480.30
Activation Laboratories Ltd.	Assays	A20-04357	4/21/2020	$ 1,310.00	$ 170.30	$ 1,480.30
NPLH Drilling	Drilling - Holes NB-01-01, 02, 03, 03A - 1,239 meters	6272	4/22/2020	$ 105,669.63	$ 13,737.05	$ 119,406.68
Activation Laboratories Ltd.	Assays	A20-04204	4/22/2020	$ 1,310.00	$ 170.30	$ 1,480.30

Vendor	Description	Invoice #	Date	Amount	HST	Total
Activation Laboratories Ltd.	Assays	A20-04205	4/22/2020	$ 1,300.00	$ 169.00	$ 1,469.00
Activation Laboratories Ltd.	Assays	A20-04356	4/22/2020	$ 1,320.00	$ 171.60	$ 1,491.60
Activation Laboratories Ltd.	Assays	A20-04202	4/23/2020	$ 1,310.00	$ 170.30	$ 1,480.30
J.D. Bryant	Gas - 89.984L @ $0.889/litre	Expense	4/24/2020	$ 70.80	$ 9.20	$ 80.00
Peter Caldbick	Core Logging - April 19-24, 2020 - 43.0 hours x $62.50 per hour	002	4/24/2020	$ 2,687.50	$ 349.37	$ 3,036.87
J.D. Bryant	Core shack hydro - March 27 to April 27, 2020	Expense	4/27/2020	$ 616.73	$ 117.56	$ 734.29
J.D. Bryant	Gord's rental - saw blade	Expense	4/29/2020	$ 449.00	$ 58.37	$ 507.37
Bill Love	5 days $400/day - drilling program - April 16,17,18,19,20, 2020	1042	4/30/2020	$ 2,000.00	$ 260.00	$ 2,260.00
J.D. Bryant	Core shack sample supplies - Core trays, plastic bags	Expense	4/30/2020	$ 900.00	$ 117.00	$ 1,017.00
Mark Terry	Core Logging - 8 days at $500/day - April 6,7,11,12,17,18,24,25, 2020		4/30/2020	$ 4,000.00	$ -	$ 4,000.00
2628860 Ontario Ltd.	2628860 Ontario Ltd. - 180 hours x $75.00 per hour + fuel	ONT20-07	4/30/2020	$ 13,607.22	$ 1,768.94	$ 15,376.16
J.D. Bryant	Core shack rental - 1 week + 5 days at $250.00 per week	NBWH-20-02	5/1/2020	$ 428.55	$ 55.71	$ 484.26
J.D. Bryant	2 days at $400/day - drilling program	NB 20-03	5/1/2020	$ 800.00	$ 104.00	$ 904.00
Peter Caldbick	Core Logging - April 25 - May 1, 2020 - 38 hours x $62.50 per hour	003	5/1/2020	$ 2,375.00	$ 308.75	$ 2,683.75
J.D. Bryant	Gas - 77.098L @ $0.869/litre	Expense	5/2/2020	$ 59.29	$ 7.71	$ 67.00
Activation Laboratories Ltd.	Assays	A20-04489	5/8/2020	$ 6,560.00	$ 852.80	$ 7,412.80
NPLH Drilling	Drilling - Holes NB-04-05-06 - 810 meters	6275	5/11/2020	$ 53,828.59	$ 10,247.72	$ 64,076.31
Activation Laboratories Ltd.	Assays	A20-04775	5/25/2020	$ 7,784.00	$ 1,011.92	$ 8,795.92
Activation Laboratories Ltd.	Assays	A20-04489B	5/27/2020	$ 474.00	$ 61.62	$ 535.62
Bill Love	5 days $400/day - drilling program - May 2,6,20,26,29, 2020	1043	5/31/2020	$ 2,000.00	$ 260.00	$ 2,260.00
Activation Laboratories Ltd.	Assays	A20-04489C	6/19/2020	$ 17.50	$ 2.28	$ 19.78
Activation Laboratories Ltd.	Assays	A20-05663	6/19/2020	$ 673.50	$ 87.56	$ 761.06
				$ 271,726.70	$ 34,775.52	$ 306,502.22

New Break Resources Ltd. - Expense Form

Employee Name :	Bill Love	Division	Toronto	Dates:	20-Nov-19
Comments :	**Corporate Expenses - Timmins trip - November 14-18, 2019 (Exploration Drilling Program - Flow-through eligible)**				

Date	Location	Description	Field Supplies	Travel Parking	Travel Meals	Travel Gas	Travel Hotel	Toronto Hotel	Toronto Parking	Toronto Meals	CDN H.S.T.	Total	Method of Payment
13-Nov-19	Sudbury	Holiday Inn - November 13, 2019					251.51				26.64	278.15	Cash
14-Nov-19	Chelmsford	Pioneer Energy				100.36					12.21	112.57	Debit
16-Nov-19	Timmins	Montana's - lunch			68.17						7.80	75.97	Cash
16-Nov-19	Timmins	Boston Pizza - dinner			59.23						6.58	65.81	Cash
16-Nov-19	Timmins	Hampton by Hilton - November 14, 15, 16, 2019					440.28				57.24	497.52	Mastercard
17-Nov-19	Timmins	Swiss Chalet - dinner			24.28						3.15	27.43	Cash
17-Nov-19	Timmins	Hampton by Hilton - November 17, 2019					147.78				19.21	166.99	Mastercard
18-Nov-19	Burks Falls	Petro Canada				112.90					14.67	127.57	Debit
Expense Report Totals			0.00	0.00	151.68	213.26	839.58	0.00	0.00	0.00	147.50	1,352.02	

Accounting Use:			
Acct	Element	Comment	Amount
		Field Supplies	0.00
		Travel - Parking	0.00
		Travel - Meals	151.68
		Travel - Gas	213.26
		Travel - Hotel	839.58
		Accomodation - Toronto	0.00
		Toronto - Parking	0.00
		Toronto - Meals	0.00
		Canadian HST	147.50
		Travel Advance	0.00
		Totals	1,352.02

Employee Expenses as Claimed	1,352.02
Less: Advances for Trip (Must be Entered Here……)	-
Total Amount Due to Employee	1,352.02

Submitted By: (Signature & Date)

Approved By: (Signature & Date)

New Break Resources Ltd. - Expense Form

Employee Name :	Bill Love	Division	Toronto	Dates:	29-Dec-19
Comments :	**Corporate Expenses - Timmins trip - December 27-29, 2019 (Exploration Drilling Program - Flow-through eligible)**				

Date	Location	Description	Travel Air	Travel Parking	Travel Meals	Car Rental	Travel Hotel	Toronto Hotel	Toronto Parking	Toronto Meals	CDN H.S.T.	Total	Method of Payment
11-Dec-19	Waterloo	Lunch with Jim Atkinson - work assessment report								85.49	9.50	94.99	Cash
27-Dec-19	Timmins	Porter - Toronto / Timmins return	715.24								93.00	808.24	Visa
27-Dec-19	Timmins	Enterprise Car Rental				63.60					8.27	71.87	Mastercard
27-Dec-19	Timmins	Boston Pizza - dinner			46.39						5.15	51.54	Cash
28-Dec-19	Timmins	Boston Pizza - dinner			40.07						4.45	44.52	Cash
29-Dec-19	Timmins	Hampton by Hilton - December 27, 28, 2019					252.76				32.86	285.62	Mastercard
Expense Report Totals			715.24	0.00	86.46	63.60	252.76	0.00	0.00	85.49	153.23	1,356.78	

Accounting Use:			
Acct	Element	Comment	Amount
		Travel - Air	715.24
		Travel - Parking	0.00
		Travel - Meals	86.46
		Travel - Car rental	63.60
		Travel - Hotel	252.76
		Accomodation - Toronto	0.00
		Toronto - Parking	0.00
		Toronto - Meals	85.49
		Canadian HST	153.23
		Travel Advance	0.00
		Totals	1,356.78

Employee Expenses as Claimed	1,356.78
Less: Advances for Trip (Must be Entered Here……)	-
Total Amount Due to Employee	1,356.78

Submitted By: (Signature & Date)

Approved By: (Signature & Date)

New Break Resources Ltd. - Expense Form

Employee Name :	Bill Love	Division	Toronto	Dates:	04-Apr-20
Comments :	**Corporate Expenses - Timmins trip - March 28 to April 4, 2020 (Drilling Program - Flow-through eligible)**				

Date	Location	Description	Field Supplies	Travel Parking	Travel Meals	Travel Gas	Travel Hotel	Toronto Hotel	Toronto Parking	Toronto Meals	CDN H.S.T.	Total	Method of Payment
28-Mar-20	Shelbourne	Ultramar				67.38					8.85	76.23	Visa
28-Mar-20	North Bay	Swiss Chalet - dinner			26.99						3.05	30.04	Mastercard
28-Mar-20	North Bay	Hampton by Hilton					145.00				25.41	170.41	Mastercard
29-Mar-20	Timmins	Air BNB - 6 nights x $75.00 + $63.53 service fee					513.53					513.53	Visa
3-Apr-20	North Bay	Hampton by Hilton					109.00				19.10	128.10	Mastercard
3-Apr-20	New Liskeard	Esso				58.41					7.59	66.00	Visa
4-Apr-20	Burks Falls	Petro Canada				23.31					3.04	26.35	Visa
Expense Report Totals			0.00	0.00	26.99	149.10	767.53	0.00	0.00	0.00	67.04	1,010.66	

Accounting Use:			
Acct	Element	Comment	Amount
		Field Supplies	0.00
		Travel - Parking	0.00
		Travel - Meals	26.99
		Travel - Gas	149.10
		Travel - Hotel	767.53
		Accomodation - Toronto	0.00
		Toronto - Parking	0.00
		Toronto - Meals	0.00
		Canadian HST	67.04
		Travel Advance	0.00
		Totals	1,010.66

Employee Expenses as Claimed	1,010.66
Less: Advances for Trip (Must be Entered Here……)	-
Total Amount Due to Employee	1,010.66

Submitted By: (Signature & Date)

Approved By: (Signature & Date)

New Break Resources Ltd. - Core Shack Expenses - April 20, 2020

1 case (500) 12 x 18 plastic sample bags	$100.00
1 box (500) aluminum tags	$50.00
T-50 staples 3/8"	$12.00
P-22 Staples 5/16"	$5.00
NQ Core Trays (200) @ $4.00 each	$800.00
Total	$967.00
H.S.T. (HST # 83471 3547 RT0001)	$125.71
TOTL EXPENSES FROM STOCK	$1,092.71

New Break Resources Expenses March 07 – April 20, 2020

March 26, 2020	Canadian Tire	Gas	$74.00
March 28, 2020	Canadian Tire	Gas	$64.00
April 01, 2020	Canadian Tire	Gas	$71.00
April 05, 2020	Canadian Tire	Gas	$75.00
April 12, 2020	Canadian Tire	Gas	$76.00
April 19, 2020	Canadian Tire	Gas	$75.00

From Stock	
1 case (500) 12x18 plastic sample bags	$100.00
1 box (500) aluminum tags	$ 50.00
T-50 staples 3/8"	$ 12.00
P-22 staples 5/16"	$ 5.00
NQ core trays 200 @ $4.00 each	$800.00
Total Expenses	$1402.00

Summary of Hours for Drilling Program

	Mar-20	Apr-20	May-20	Total
Days	9.0	30.0	2.0	41.0
Daily rate	$400.00	$400.00	$400.00	$400.00
Subtotal	$3,600.00	$12,000.00	$800.00	$16,400.00
HST (13%)	$468.00	$1,560.00	$104.00	$2,132.00
Total	$4,068.00	$13,560.00	$904.00	$18,532.00

J.D. BRYANT - DAILY ACTIVITY LOG
FOR - NEW BREAK RESOURCES LTD.

MAY 2020	DAYS	ACTIVITY	PROJECT
1-May	1.0	Saw/bag and rack NB-20-06.	New Break
2-May	1.0	Rack NB-20-06. Truck 210 samples to Actlabs	New Break
Total	2.0		

J.D. BRYANT - DAILY ACTIVITY LOG
FOR - NEW BREAK RESOURCES LTD.

APRIL 2020	DAYS	ACTIVITY	PROJECT
1-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Out to drill to check core - continue drilling on night shift. No runner for night shift.	New Break
2-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Stop hole NB-20-01 at 294 meters - casing left in hole. No night shift runner.	New Break
3-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Move, set up, align and drilling on NB-20-02.	New Break
4-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Stop hole - wrong azimuth, pull casing. Rotate drill - start NB-20-03. Drive drill trail and mark collars for next 4 holes.	New Break
5-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Install new blade on core saw. Load of core trays to site.	New Break
6-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Water line froze - ran out of propane on night shift. Sills in for NB-20-04 - spot collar and front sites. Drillers moved pump to NB-20-01 - making water.	New Break
7-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Drill hole not supplying enough water to flush hole. Saw/bag NB-20-01.	New Break
8-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Rods stuck in fault last night - broke off while pulling - unable to retrieve. Pulled casing. Rotate drill, align and start NB-20-03A. Saw/bag NB-20-01. Number sample bags and core tray tags.	New Break
9-Apr	1.0	Receive core- remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag NB-20-01 and NB-20-02. Blizzard. Truck 175 samples to Actlab.	New Break
10-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw NB-20-02. Install electric submersible in NB-20-01.	New Break
11-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Finish sawing/bagging NB-20-02- start sawing/bagging NB-20-03.	New Break
12-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag NB-20-03. Number sample bags and core tray tags.	New Break
13-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Rack NB-20-01 and NB-20-02. Moved pump shack back to river.	New Break
14-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD Core. Load of core trays to site. Check test azimuth. Rack NB-20-03	New Break
15-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw, bag and rack NB-20-03. Number cpre box tags.	New Break

16-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag NB-20-03. Truck 175 samples to lab.	New Break
17-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Finish cutting and bagging NB-20-03. Load of core trays to site. Stopped NB-20-03A at 519 meters. Move, set up, align NB-20-04. Core tray tags.	New Break
18-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag NB-20-03A. Rack NB-20-03 and NB-20-03A. Core tray tags.	New Break
19-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Rack NB-20-03A. Put in front sites and collar picket for NB-20-05.	New Break
20-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag and rack NB-20-03A. NB-20-04 finished. Set up NB 20-05.	New Break
21-Apr	1.0	Receive Core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw, bag and rack NB-20-03A. Number bags and tags. Water line froze.	New Break
22-Apr	1.0	Receive core - remove lids, lay out on bench tothaw, measure core in each tray, RQD core. Truck 175 samples to Actlab. No drilling on day sheft. Dozer and Mooka both stuck. Float in another dozer to pull them out. Met with Dana (NPLH) to go over first invoice. Saw/bag NB-20-03A.	New Break
23-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag NB-20-03A and NB-20-04. Notify NPLH that we will stop after NB-20-06.	New Break
24-Apr	1.0	Receive core - remoce lids, lay out on bench to thaw, measure core in each tray, RQD core. NB-20-05 finished. Move, set up and align NB-20-06. Rack NB-20-03A and NB-20-04.	New Break
25-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Rack NB-20-04.	New Break
26-Apr	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray. RQD core. Stopped NB-20-06 stopped at 183 meters. Pick up core and trays at site. Saw/bag NB-20-04. Core box tags.	New Break
27-Apr	1.0	Unload core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Saw/bag NB-20-04. Bundle and store core trays.	New Break
28-Apr	1.0	Saw/bag NB-20-04. Rack NB-20-04 and NB-20-05. Clean saw.	New Break
29-Apr	1.0	Saw/bag NB-20-04 and NB-20-05 05. Rack NB-20-04 and NB-20-05. NB 20-04 completed.	New Break
30-Apr	1.0	Saw/bag NB-20-05 - hole completed.	New Break
Total	30.0		

J.D. BRYANT - DAILY ACTIVITY LOG
FOR - NEW BREAK RESOURCES LTD.

MARCH 2020	DAYS	ACTIVITY	PROJECT
7-Mar	0.2	Received notification to start drilling. Contact NPLH Drilling for bid and availability. Tried contacting Debastos Logging re road access and timing. Call to Norex Drilling.	New Break
9-Mar	0.5	Talked to NPLH - estimated at least two weeks before drill available. Norex has nothing at this time. Made a site check - the road is plowed all the way around from Gibson Lake via Lipsett Lake to Shillington - Grindstone road.	New Break
12-Mar	0.5	Norex called - ongoing contract shortened - drill available soon. Met with Norm and Mark Desjardin - discussed location, access. Went over plan map and hole locations.	New Break
15-Mar	0.1	Further discussion with Norm. Drilling costs similar to NPLH.	New Break
16-Mar	0.1	Proposal sent to Serge Gagnon. Debastos moving back into Egan/Currie.	New Break
17-Mar	0.5	Site visit with Norm and Gino - they concur that access is good and swamp should not be a problem until break up.	New Break
18-Mar	0.2	Serge has a health problem - sent proposal to his brother Steve. Steve forwarded proposal to Major Drilling who recently purchased Norex. Notified Bill and Michael.	New Break
19-Mar	0.2	Further discussion with Norex and NPLH. Personnel are in isolation. The drilling costs from Norex/Major are too high. Norex pricing is good but with the take over and Serge's health I do not feel comfortable with Major involved. Blizzard.	New Break
22-Mar	0.2	Chasing a drill. As far as I am concerned we have one reasonably priced choice - NPLH. Contact Marek at Desbastos	New Break
24-Mar	0.5	Check roads to site - slushy to site for floats coming in via Gibson Lake. For access by pickup the Grindstone road needs to be plowed through to the logging road. Talked to Marek at Debastos - roads will be plowed with grader at no charge to us - floats will communicate with log haul trucks in narrow sections.	New Break
26-Mar	1.0	Float dozer and fuel tank into site - drive trail to NB 20-01 - spot hole. Roads being plowed but day time temperatures are above freezing.	New Break
27-Mar	1.0	Floats late - Gibson road breaking up with warm sunny days. All gear on site and off access road. Check on possible rental of 3/4 ton pick up.	New Break
28-Mar	1.0	Drill set up and aligned. Pump shack set up at Driftwood River - water line around 450 meters. Drilling casing. Load of core trays to site.	New Break
29-Mar	1.0	Gathering up supplies. Casing in to 72 meters. No core yet.	New Break
30-Mar	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Bill visited core shack.	New Break
31-Mar	1.0	Receive core - remove lids, lay out on bench to thaw, measure core in each tray, RQD core. Cleared set up for NB 20-02.	New Break
Total	9.0		

Summary:

Floating				$	4,052.00
Equipment rental - bulldozer				$	1,200.00
Room & Board				$	4,750.00
Extra labour at $230.00 per hour				$	3,565.00
Consumables:					
	Mud		$ 720.00		
	Propane		$ 2,000.00		
	Casing cap		$ 251.97	$	2,971.97
Drilling	Casing		$ 9,260.00		
	Coring		$ 75,677.00	$	84,937.00
Reflex	$85/test	23		$	1,955.00
Material left in hole:					
	1 NW Oversize shoe bit @ 566		$ 566.00		
	Rods	19 rods @ 140.00 /each	$ 2,660.00		
	1 Round Core Barrel		$ 780.00		
	1 18" Shell @ 1327.00		$ 1,327.00		
	1 NW Oversize shoe @ 566		$ 566.00		
	1 NW Oversize shoe @ 566		$ 566.00		
	NB-20-01- casing (72m)		$ 3,777.12		
	NB-20-03A- casing (24m)		$ 1,259.04	$	11,501.16
Credit				$	(9,262.50)
				$	105,669.63

Cost Breakdown - Diamond Drilling Report on the Bond-Currie Project for New Break Resources Ltd.

Work Type	Tasks	From Date	To Date	Days	Cost/Unit	Actual Cost
Geochemistry	Import remaining assay certificates into Corelog and export desurveyed sample points;	3/19/2022	3/20/2022	1	400	400
Maps	Generate drill logs from Corelog; link Cu, Pb, Zn, Ag assays; Generate drill hole plan maps using ArcGIS;	3/26/2022	3/27/2022	2	400	800
Geochemistry	Generated gridded elements using ArcGIS and Geosoft Oasis Montaj;	4/9/2022	4/10/2022	2	400	800
Report and maps	Writing and compiling report, generate maps and images for report.	4/11/2022	4/15/2022	5	400	2000
			Totals	10	400	4000